

US EPA ARCHIVE DOCUMENT

## 1996 Modeled Ambient Concentration for Lead Compounds

**EPA strongly cautions that these modeling results should not be used to draw conclusions about local concentrations or risk. The results are most meaningful when viewed at the state or national level; for smaller areas, the modeling becomes less certain. In addition, these results represent conditions in 1996 rather than current conditions.**

- The modeled estimates presented here are not a direct indicator of risk because they do not factor in the extent to which people are exposed to these pollutants or the widely varying toxic potential of different substances. EPA uses these ambient concentration estimates in combination with exposure modeling and health effects information to estimate risk.
- The emissions used in this assessment do not reflect potentially significant emission reductions that have taken effect since 1996, including those from: 1) mobile source regulations which are being phased in over time; 2) many of the air toxics regulations EPA has issued for major industrial sources; 3) State or industry initiatives; and 4) any facility closures.
- Methods of estimating emissions, as well as simplified modeling assumptions, may introduce significant uncertainties into each component of the assessment.  
[For a discussion of limitations, please see http://www.epa.gov/ttn/atw/nata/natsalim2.html](http://www.epa.gov/ttn/atw/nata/natsalim2.html)
- Because of these uncertainties, EPA will not use the results of this assessment to determine source-specific contributions or to set regulatory requirements. However, EPA expects to use these results to inform decisions about the priorities of the air toxics program as well as to guide the collection of additional data that could lead to regulatory decisions.
- Note that based on the persistence and bioaccumulation potential of lead, mercury, PCBs (polychlorinated biphenyls), hexachlorobenzene, 7-PAH (polycyclic aromatic hydrocarbons), POM (polycyclic organic matter) and cadmium, ingestion rather than inhalation may contribute substantially to exposures of concern, and this assessment does not address pollutant levels that may be ingested from food, water, or soil.

| Estimated Annual Average Ambient Concentrations (µg/m <sup>3</sup> ) for Lead Compounds |                    |       |                |                                                                        |          |          |          |          |          |          |          |                                  |                |               |                |                      |
|-----------------------------------------------------------------------------------------|--------------------|-------|----------------|------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------------------------------|----------------|---------------|----------------|----------------------|
| State                                                                                   | County             | FIPS  | Urban or Rural | Percentile Distribution of Ambient Concentrations Across Census Tracts |          |          |          |          |          |          |          | Contribution to Average from ... |                |               |                |                      |
|                                                                                         |                    |       |                | 5th                                                                    | 10th     | 25th     | Median   | Average  | 75th     | 90th     | 95th     | Major                            | Area and Other | Onroad Mobile | Nonroad Mobile | Estimated Background |
| National                                                                                | Nationwide         | N/A   | N/A            | 3.67E-05                                                               | 8.95E-05 | 3.98E-04 | 1.88E-03 | 5.99E-03 | 6.10E-03 | 1.54E-02 | 2.50E-02 | 4.93E-04                         | 2.16E-03       | 5.88E-05      | 3.28E-03       | 0.00E+00             |
| National                                                                                | All Urban Counties | N/A   | U              | 1.38E-04                                                               | 2.86E-04 | 9.04E-04 | 3.03E-03 | 7.30E-03 | 7.88E-03 | 1.79E-02 | 2.84E-02 | 5.61E-04                         | 2.58E-03       | 7.00E-05      | 4.10E-03       | 0.00E+00             |
| National                                                                                | All Rural Counties | N/A   | R              | 7.89E-06                                                               | 1.76E-05 | 5.26E-05 | 1.71E-04 | 9.65E-04 | 5.23E-04 | 1.53E-03 | 3.13E-03 | 2.33E-04                         | 5.66E-04       | 1.64E-05      | 1.50E-04       | 0.00E+00             |
| Alabama                                                                                 | Statewide          | N/A   | N/A            | 5.66E-05                                                               | 8.35E-05 | 2.27E-04 | 6.44E-04 | 1.82E-03 | 2.09E-03 | 4.47E-03 | 6.38E-03 | 3.91E-04                         | 1.20E-03       | 2.63E-05      | 2.06E-04       | 0.00E+00             |
| Alabama                                                                                 | All Urban Counties | N/A   | U              | 1.06E-04                                                               | 1.90E-04 | 4.29E-04 | 1.21E-03 | 2.05E-03 | 2.56E-03 | 5.12E-03 | 6.71E-03 | 4.21E-04                         | 1.29E-03       | 3.19E-05      | 3.09E-04       | 0.00E+00             |
| Alabama                                                                                 | All Rural Counties | N/A   | R              | 3.99E-05                                                               | 4.88E-05 | 8.85E-05 | 2.40E-04 | 1.38E-03 | 6.08E-04 | 2.24E-03 | 4.44E-03 | 3.35E-04                         | 1.02E-03       | 1.58E-05      | 9.49E-06       | 0.00E+00             |
| Alabama                                                                                 | Autauga            | 01001 | U              | 3.67E-04                                                               | 5.57E-04 | 8.44E-04 | 1.61E-03 | 1.96E-03 | 3.30E-03 | 3.54E-03 | 4.01E-03 | 1.81E-03                         | 8.72E-05       | 1.44E-05      | 4.65E-05       | 0.00E+00             |
| Alabama                                                                                 | Baldwin            | 01003 | U              | 2.10E-04                                                               | 2.10E-04 | 3.35E-04 | 4.28E-04 | 5.33E-04 | 5.44E-04 | 1.08E-03 | 1.25E-03 | 1.78E-04                         | 3.06E-04       | 7.77E-06      | 4.06E-05       | 0.00E+00             |
| Alabama                                                                                 | Barbour            | 01005 | U              | 3.72E-05                                                               | 3.72E-05 | 1.02E-04 | 2.28E-04 | 6.56E-04 | 1.50E-03 | 1.99E-03 | 1.99E-03 | 4.19E-04                         | 2.22E-04       | 1.53E-05      | 5.54E-08       | 0.00E+00             |
| Alabama                                                                                 | Bibb               | 01007 | R              | 2.12E-04                                                               | 2.12E-04 | 2.25E-04 | 3.00E-04 | 4.45E-04 | 6.64E-04 | 9.67E-04 | 9.67E-04 | 1.04E-06                         | 4.31E-04       | 1.27E-05      | 2.86E-08       | 0.00E+00             |
| Alabama                                                                                 | Blount             | 01009 | U              | 4.85E-05                                                               | 4.85E-05 | 8.35E-05 | 1.42E-04 | 2.00E-04 | 3.06E-04 | 4.86E-04 | 4.86E-04 | 6.07E-06                         | 1.61E-04       | 1.22E-05      | 2.08E-05       | 0.00E+00             |
| Alabama                                                                                 | Bullock            | 01011 | R              | 1.40E-03                                                               | 1.40E-03 | 1.47E-03 | 1.77E-03 | 2.22E-03 | 2.98E-03 | 3.95E-03 | 3.95E-03 | 1.50E-03                         | 7.14E-04       | 6.12E-06      | 2.24E-06       | 0.00E+00             |
| Alabama                                                                                 | Butler             | 01013 | R              | 5.47E-05                                                               | 5.47E-05 | 1.31E-04 | 2.31E-04 | 6.75E-04 | 5.45E-04 | 3.74E-03 | 3.74E-03 | 2.60E-07                         | 6.58E-04       | 1.60E-05      | 0.00E+00       | 0.00E+00             |
| Alabama                                                                                 | Calhoun            | 01015 | R              | 2.73E-04                                                               | 3.43E-04 | 5.75E-04 | 2.42E-03 | 5.60E-03 | 6.35E-03 | 9.65E-03 | 3.67E-02 | 8.06E-06                         | 5.54E-03       | 2.48E-05      | 2.97E-05       | 0.00E+00             |
| Alabama                                                                                 | Chambers           | 01017 | U              | 4.89E-05                                                               | 5.07E-05 | 6.61E-05 | 1.47E-04 | 1.61E-04 | 2.09E-04 | 3.06E-04 | 4.11E-04 | 4.51E-07                         | 1.23E-04       | 3.71E-05      | 3.07E-07       | 0.00E+00             |
| Alabama                                                                                 | Cherokee           | 01019 | R              | 8.54E-05                                                               | 8.54E-05 | 1.81E-04 | 1.93E-04 | 1.86E-04 | 2.12E-04 | 2.60E-04 | 2.60E-04 | 8.48E-05                         | 8.56E-05       | 1.58E-05      | 6.39E-09       | 0.00E+00             |
| Alabama                                                                                 | Chilton            | 01021 | R              | 1.72E-04                                                               | 1.72E-04 | 2.39E-04 | 3.52E-04 | 3.31E-04 | 4.26E-04 | 4.80E-04 | 4.80E-04 | 1.67E-04                         | 1.46E-04       | 1.71E-05      | 0.00E+00       | 0.00E+00             |
| Alabama                                                                                 | Choctaw            | 01023 | R              | 2.52E-04                                                               | 2.52E-04 | 3.39E-04 | 4.27E-04 | 4.88E-04 | 6.37E-04 | 8.45E-04 | 8.45E-04 | 3.27E-04                         | 1.55E-04       | 5.56E-06      | 0.00E+00       | 0.00E+00             |
| Alabama                                                                                 | Clarke             | 01025 | R              | 1.53E-04                                                               | 1.53E-04 | 1.72E-04 | 2.17E-04 | 3.10E-04 | 4.48E-04 | 6.53E-04 | 6.53E-04 | 1.68E-04                         | 1.35E-04       | 7.01E-06      | 3.66E-09       | 0.00E+00             |
| Alabama                                                                                 | Clay               | 01027 | R              | 4.07E-05                                                               | 4.07E-05 | 5.62E-05 | 7.56E-05 | 8.63E-05 | 1.16E-04 | 1.53E-04 | 1.53E-04 | 2.30E-05                         | 5.20E-05       | 9.56E-06      | 1.62E-06       | 0.00E+00             |
| Alabama                                                                                 | Cleburne           | 01029 | R              | 7.70E-04                                                               | 7.70E-04 | 9.78E-04 | 1.32E-03 | 1.65E-03 | 2.33E-03 | 3.20E-03 | 3.20E-03 | 1.57E-05                         | 1.62E-03       | 1.26E-05      | 4.26E-06       | 0.00E+00             |
| Alabama                                                                                 | Coffee             | 01031 | U              | 4.45E-05                                                               | 4.49E-05 | 1.69E-04 | 2.51E-04 | 7.61E-04 | 6.14E-04 | 2.58E-03 | 2.90E-03 | 2.96E-04                         | 4.38E-04       | 2.71E-05      | 6.15E-07       | 0.00E+00             |
| Alabama                                                                                 | Colbert            | 01033 | U              | 6.32E-05                                                               | 6.74E-05 | 3.87E-04 | 4.03E-04 | 3.69E-04 | 4.48E-04 | 5.53E-04 | 6.06E-04 | 6.10E-05                         | 1.92E-04       | 1.45E-05      | 1.01E-04       | 0.00E+00             |
| Alabama                                                                                 | Conecuh            | 01035 | R              | 3.81E-05                                                               | 3.81E-05 | 3.91E-05 | 4.45E-05 | 6.21E-05 | 8.58E-05 | 1.21E-04 | 1.21E-04 | 1.29E-05                         | 4.34E-05       | 5.82E-06      | 4.87E-11       | 0.00E+00             |
| Alabama                                                                                 | Coosa              | 01037 | R              | 8.35E-05                                                               | 8.35E-05 | 8.35E-05 | 1.34E-04 | 1.80E-04 | 3.21E-04 | 3.21E-04 | 3.21E-04 | 1.13E-04                         | 5.66E-05       | 9.50E-06      | 0.00E+00       | 0.00E+00             |
| Alabama                                                                                 | Covington          | 01039 | R              | 3.79E-05                                                               | 4.79E-05 | 6.36E-05 | 1.18E-04 | 3.16E-04 | 5.04E-04 | 5.72E-04 | 1.39E-03 | 0.00E+00                         | 2.99E-04       | 1.67E-05      | 0.00E+00       | 0.00E+00             |
| Alabama                                                                                 | Crenshaw           | 01041 | R              | 3.55E-04                                                               | 3.55E-04 | 6.99E-04 | 9.46E-04 | 1.39E-03 | 1.51E-03 | 3.86E-03 | 3.86E-03 | 4.82E-04                         | 8.82E-04       | 7.81E-06      | 1.34E-05       | 0.00E+00             |
| Alabama                                                                                 | Cullman            | 01043 | R              | 6.41E-05                                                               | 8.25E-05 | 1.12E-04 | 2.17E-04 | 2.22E-04 | 3.29E-04 | 3.78E-04 | 5.28E-04 | 7.70E-05                         | 1.00E-04       | 2.45E-05      | 1.97E-05       | 0.00E+00             |
| Alabama                                                                                 | Dale               | 01045 | R              | 4.34E-05                                                               | 6.22E-05 | 7.64E-05 | 2.28E-04 | 8.79E-04 | 1.84E-03 | 2.02E-03 | 2.37E-03 | 6.07E-04                         | 2.58E-04       | 1.00E-05      | 4.30E-06       | 0.00E+00             |
| Alabama                                                                                 | Dallas             | 01047 | R              | 3.92E-04                                                               | 4.25E-04 | 8.27E-04 | 2.01E-03 | 2.93E-03 | 4.33E-03 | 9.00E-03 | 1.00E-02 | 2.52E-03                         | 3.73E-04       | 3.24E-05      | 0.00E+00       | 0.00E+00             |
| Alabama                                                                                 | DeKalb             | 01049 | R              | 4.67E-05                                                               | 4.82E-05 | 6.90E-05 | 1.12E-04 | 1.60E-04 | 1.88E-04 | 2.46E-04 | 6.30E-04 | 5.63E-06                         | 1.30E-04       | 2.42E-05      | 6.11E-08       | 0.00E+00             |
| Alabama                                                                                 | Elmore             | 01051 | U              | 3.66E-04                                                               | 4.33E-04 | 7.32E-04 | 8.21E-04 | 9.93E-04 | 1.06E-03 | 1.60E-03 | 2.47E-03 | 8.34E-04                         | 7.69E-05       | 1.18E-05      | 7.01E-05       | 0.00E+00             |
| Alabama                                                                                 | Escambia           | 01053 | R              | 5.47E-05                                                               | 5.47E-05 | 1.40E-04 | 1.67E-04 | 2.18E-04 | 1.86E-04 | 7.38E-04 | 7.38E-04 | 5.73E-05                         | 1.41E-04       | 1.90E-05      | 1.39E-09       | 0.00E+00             |

| Estimated Annual Average Ambient Concentrations (µg/m <sup>3</sup> ) for Lead Compounds |                    |       |                      |                                                                        |          |          |          |          |          |          |          |                                  |                   |                  |                   |                         |
|-----------------------------------------------------------------------------------------|--------------------|-------|----------------------|------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------------------------------|-------------------|------------------|-------------------|-------------------------|
| State                                                                                   | County             | FIPS  | Urban<br>or<br>Rural | Percentile Distribution of Ambient Concentrations Across Census Tracts |          |          |          |          |          |          |          | Contribution to Average from ... |                   |                  |                   |                         |
|                                                                                         |                    |       |                      | 5th                                                                    | 10th     | 25th     | Median   | Average  | 75th     | 90th     | 95th     | Major                            | Area and<br>Other | Onroad<br>Mobile | Nonroad<br>Mobile | Estimated<br>Background |
| Alabama                                                                                 | Etowah             | 01055 | U                    | 8.93E-05                                                               | 1.00E-04 | 1.36E-04 | 2.04E-04 | 2.46E-04 | 2.56E-04 | 4.57E-04 | 5.29E-04 | 6.56E-06                         | 2.13E-04          | 2.63E-05         | 3.91E-07          | 0.00E+00                |
| Alabama                                                                                 | Fayette            | 01057 | R                    | 3.97E-05                                                               | 3.97E-05 | 5.42E-05 | 8.29E-05 | 1.21E-04 | 2.14E-04 | 2.16E-04 | 2.16E-04 | 2.49E-06                         | 1.09E-04          | 1.01E-05         | 3.85E-08          | 0.00E+00                |
| Alabama                                                                                 | Franklin           | 01059 | R                    | 3.89E-05                                                               | 3.89E-05 | 5.51E-05 | 5.66E-05 | 1.69E-04 | 2.46E-04 | 4.78E-04 | 4.78E-04 | 8.19E-05                         | 6.50E-05          | 1.75E-05         | 4.98E-06          | 0.00E+00                |
| Alabama                                                                                 | Geneva             | 01061 | R                    | 2.75E-05                                                               | 2.75E-05 | 3.19E-05 | 3.36E-05 | 4.08E-05 | 5.03E-05 | 6.78E-05 | 6.78E-05 | 3.86E-06                         | 2.47E-05          | 1.17E-05         | 6.01E-07          | 0.00E+00                |
| Alabama                                                                                 | Greene             | 01063 | R                    | 5.40E-05                                                               | 5.40E-05 | 5.87E-05 | 7.00E-05 | 9.03E-05 | 1.22E-04 | 1.67E-04 | 1.67E-04 | 2.77E-05                         | 5.63E-05          | 6.12E-06         | 4.99E-08          | 0.00E+00                |
| Alabama                                                                                 | Hale               | 01065 | R                    | 7.32E-05                                                               | 7.32E-05 | 9.41E-05 | 2.24E-04 | 3.01E-04 | 4.13E-04 | 7.72E-04 | 7.72E-04 | 1.90E-04                         | 1.02E-04          | 9.09E-06         | 1.97E-07          | 0.00E+00                |
| Alabama                                                                                 | Henry              | 01067 | R                    | 7.95E-05                                                               | 7.95E-05 | 8.03E-05 | 1.39E-04 | 1.54E-04 | 1.71E-04 | 3.14E-04 | 3.14E-04 | 1.11E-04                         | 3.36E-05          | 6.81E-06         | 2.11E-06          | 0.00E+00                |
| Alabama                                                                                 | Houston            | 01069 | U                    | 6.45E-05                                                               | 8.69E-05 | 1.49E-04 | 1.90E-04 | 2.38E-04 | 2.63E-04 | 4.62E-04 | 5.97E-04 | 6.88E-05                         | 1.54E-04          | 1.28E-05         | 2.49E-06          | 0.00E+00                |
| Alabama                                                                                 | Jackson            | 01071 | R                    | 3.10E-05                                                               | 4.23E-05 | 4.31E-05 | 7.74E-05 | 1.46E-04 | 3.57E-04 | 3.67E-04 | 3.95E-04 | 1.10E-05                         | 1.08E-04          | 1.93E-05         | 7.07E-06          | 0.00E+00                |
| Alabama                                                                                 | Jefferson          | 01073 | U                    | 1.59E-03                                                               | 1.90E-03 | 2.60E-03 | 3.88E-03 | 5.05E-03 | 6.02E-03 | 9.45E-03 | 1.29E-02 | 5.98E-05                         | 4.14E-03          | 5.35E-05         | 8.01E-04          | 0.00E+00                |
| Alabama                                                                                 | Lamar              | 01075 | R                    | 4.58E-05                                                               | 4.58E-05 | 4.58E-05 | 6.67E-05 | 7.65E-05 | 1.17E-04 | 1.17E-04 | 1.17E-04 | 1.39E-05                         | 5.15E-05          | 7.55E-06         | 3.59E-06          | 0.00E+00                |
| Alabama                                                                                 | Lauderdale         | 01077 | R                    | 6.99E-05                                                               | 8.66E-05 | 1.43E-04 | 2.96E-04 | 3.78E-04 | 6.09E-04 | 8.06E-04 | 1.01E-03 | 4.48E-05                         | 2.81E-04          | 1.59E-05         | 3.65E-05          | 0.00E+00                |
| Alabama                                                                                 | Lawrence           | 01079 | R                    | 3.46E-04                                                               | 3.46E-04 | 4.90E-04 | 1.02E-03 | 1.27E-03 | 1.41E-03 | 3.14E-03 | 3.14E-03 | 1.11E-03                         | 9.26E-05          | 7.20E-06         | 6.49E-05          | 0.00E+00                |
| Alabama                                                                                 | Lee                | 01081 | U                    | 4.18E-04                                                               | 4.70E-04 | 5.41E-04 | 9.29E-04 | 1.13E-03 | 1.37E-03 | 2.30E-03 | 3.30E-03 | 1.30E-04                         | 9.70E-04          | 3.05E-05         | 4.35E-06          | 0.00E+00                |
| Alabama                                                                                 | Limestone          | 01083 | U                    | 1.89E-04                                                               | 3.16E-04 | 3.96E-04 | 5.63E-04 | 6.34E-04 | 7.80E-04 | 8.79E-04 | 1.60E-03 | 1.34E-04                         | 1.48E-04          | 3.94E-05         | 3.12E-04          | 0.00E+00                |
| Alabama                                                                                 | Lowndes            | 01085 | R                    | 1.05E-04                                                               | 1.05E-04 | 2.03E-04 | 2.67E-04 | 2.97E-04 | 3.01E-04 | 6.08E-04 | 6.08E-04 | 2.04E-04                         | 3.99E-05          | 6.93E-06         | 4.57E-05          | 0.00E+00                |
| Alabama                                                                                 | Macon              | 01087 | R                    | 6.72E-05                                                               | 9.68E-05 | 1.40E-04 | 2.54E-04 | 2.42E-04 | 3.18E-04 | 4.10E-04 | 4.48E-04 | 9.57E-05                         | 1.16E-04          | 2.79E-05         | 2.06E-06          | 0.00E+00                |
| Alabama                                                                                 | Madison            | 01089 | U                    | 1.02E-04                                                               | 1.28E-04 | 2.21E-04 | 3.20E-04 | 4.03E-04 | 4.53E-04 | 5.22E-04 | 6.18E-04 | 1.53E-05                         | 1.92E-04          | 3.16E-05         | 1.65E-04          | 0.00E+00                |
| Alabama                                                                                 | Marengo            | 01091 | R                    | 4.88E-04                                                               | 4.88E-04 | 4.90E-04 | 6.29E-04 | 9.38E-04 | 1.22E-03 | 2.52E-03 | 2.52E-03 | 4.66E-04                         | 4.63E-04          | 9.60E-06         | 0.00E+00          | 0.00E+00                |
| Alabama                                                                                 | Marion             | 01093 | R                    | 2.95E-05                                                               | 2.95E-05 | 3.09E-05 | 3.56E-05 | 3.95E-05 | 4.44E-05 | 6.49E-05 | 6.49E-05 | 2.35E-06                         | 2.47E-05          | 1.25E-05         | 0.00E+00          | 0.00E+00                |
| Alabama                                                                                 | Marshall           | 01095 | R                    | 5.48E-05                                                               | 6.20E-05 | 6.94E-05 | 9.20E-05 | 1.04E-04 | 1.37E-04 | 1.46E-04 | 1.68E-04 | 1.59E-06                         | 5.15E-05          | 3.24E-05         | 1.80E-05          | 0.00E+00                |
| Alabama                                                                                 | Mobile             | 01097 | U                    | 6.67E-04                                                               | 8.59E-04 | 1.13E-03 | 1.59E-03 | 1.92E-03 | 2.44E-03 | 3.20E-03 | 3.94E-03 | 1.03E-03                         | 4.19E-04          | 2.58E-05         | 4.54E-04          | 0.00E+00                |
| Alabama                                                                                 | Monroe             | 01099 | R                    | 4.69E-05                                                               | 4.69E-05 | 6.46E-05 | 1.44E-04 | 1.53E-04 | 2.58E-04 | 2.64E-04 | 2.64E-04 | 8.70E-05                         | 5.70E-05          | 8.61E-06         | 3.43E-11          | 0.00E+00                |
| Alabama                                                                                 | Montgomery         | 01101 | U                    | 6.30E-04                                                               | 1.11E-03 | 1.35E-03 | 1.93E-03 | 2.27E-03 | 2.45E-03 | 4.63E-03 | 5.55E-03 | 1.68E-03                         | 3.00E-04          | 2.82E-05         | 2.61E-04          | 0.00E+00                |
| Alabama                                                                                 | Morgan             | 01103 | U                    | 3.22E-04                                                               | 3.80E-04 | 5.22E-04 | 9.42E-04 | 1.44E-03 | 1.81E-03 | 2.46E-03 | 4.06E-03 | 2.10E-04                         | 1.02E-03          | 2.11E-05         | 1.91E-04          | 0.00E+00                |
| Alabama                                                                                 | Perry              | 01105 | R                    | 9.23E-05                                                               | 9.23E-05 | 1.50E-04 | 2.19E-04 | 2.57E-04 | 2.42E-04 | 5.81E-04 | 5.81E-04 | 1.95E-04                         | 5.48E-05          | 7.65E-06         | 0.00E+00          | 0.00E+00                |
| Alabama                                                                                 | Pickens            | 01107 | R                    | 1.09E-04                                                               | 1.09E-04 | 1.29E-04 | 1.60E-04 | 2.03E-04 | 2.27E-04 | 4.30E-04 | 4.30E-04 | 8.92E-06                         | 1.80E-04          | 7.49E-06         | 6.02E-06          | 0.00E+00                |
| Alabama                                                                                 | Pike               | 01109 | R                    | 4.64E-03                                                               | 4.64E-03 | 5.98E-03 | 1.11E-02 | 2.38E-02 | 4.96E-02 | 5.20E-02 | 5.20E-02 | 4.87E-03                         | 1.89E-02          | 1.71E-05         | 0.00E+00          | 0.00E+00                |
| Alabama                                                                                 | Randolph           | 01111 | R                    | 4.47E-05                                                               | 4.47E-05 | 6.42E-05 | 2.56E-04 | 3.69E-04 | 4.97E-04 | 1.10E-03 | 1.10E-03 | 3.88E-06                         | 3.52E-04          | 1.30E-05         | 3.53E-07          | 0.00E+00                |
| Alabama                                                                                 | Russell            | 01113 | U                    | 5.67E-04                                                               | 7.08E-04 | 2.69E-03 | 5.68E-03 | 4.68E-03 | 6.40E-03 | 6.49E-03 | 8.42E-03 | 4.11E-04                         | 4.19E-03          | 3.27E-05         | 3.77E-05          | 0.00E+00                |
| Alabama                                                                                 | St. Clair          | 01115 | U                    | 1.50E-04                                                               | 1.50E-04 | 3.15E-04 | 4.58E-04 | 4.18E-04 | 5.39E-04 | 5.61E-04 | 5.61E-04 | 8.71E-05                         | 2.78E-04          | 1.41E-05         | 3.92E-05          | 0.00E+00                |
| Alabama                                                                                 | Shelby             | 01117 | U                    | 6.53E-04                                                               | 6.71E-04 | 8.14E-04 | 1.20E-03 | 1.39E-03 | 1.93E-03 | 2.54E-03 | 2.58E-03 | 2.11E-04                         | 1.07E-03          | 2.50E-05         | 9.11E-05          | 0.00E+00                |
| Alabama                                                                                 | Sumter             | 01119 | R                    | 3.49E-05                                                               | 3.49E-05 | 8.27E-05 | 2.98E-04 | 2.75E-04 | 4.67E-04 | 4.73E-04 | 4.73E-04 | 2.11E-04                         | 5.84E-05          | 5.84E-06         | 0.00E+00          | 0.00E+00                |
| Alabama                                                                                 | Talladega          | 01121 | U                    | 2.02E-04                                                               | 2.56E-04 | 3.03E-04 | 4.38E-04 | 4.94E-04 | 6.35E-04 | 7.51E-04 | 8.40E-04 | 1.46E-04                         | 2.90E-04          | 4.55E-05         | 1.20E-05          | 0.00E+00                |
| Alabama                                                                                 | Tallapoosa         | 01123 | U                    | 7.55E-05                                                               | 7.55E-05 | 8.05E-05 | 8.21E-05 | 1.88E-04 | 2.34E-04 | 6.32E-04 | 6.32E-04 | 1.20E-05                         | 1.56E-04          | 2.04E-05         | 0.00E+00          | 0.00E+00                |
| Alabama                                                                                 | Tuscaloosa         | 01125 | U                    | 1.80E-04                                                               | 3.04E-04 | 6.03E-04 | 9.70E-04 | 1.18E-03 | 1.77E-03 | 2.21E-03 | 2.57E-03 | 1.17E-06                         | 1.15E-03          | 3.28E-05         | 1.11E-06          | 0.00E+00                |
| Alabama                                                                                 | Walker             | 01127 | R                    | 3.99E-05                                                               | 6.46E-05 | 2.06E-04 | 3.09E-04 | 3.60E-04 | 4.92E-04 | 7.68E-04 | 1.00E-03 | 3.68E-05                         | 2.97E-04          | 1.28E-05         | 1.31E-05          | 0.00E+00                |
| Alabama                                                                                 | Washington         | 01129 | R                    | 7.49E-04                                                               | 7.49E-04 | 8.42E-04 | 8.55E-04 | 8.96E-04 | 8.80E-04 | 1.15E-03 | 1.15E-03 | 8.91E-05                         | 8.03E-04          | 4.52E-06         | 5.30E-08          | 0.00E+00                |
| Alabama                                                                                 | Wilcox             | 01131 | R                    | 2.87E-05                                                               | 2.87E-05 | 4.22E-05 | 4.25E-05 | 1.40E-04 | 1.78E-04 | 4.11E-04 | 4.11E-04 | 6.22E-05                         | 7.31E-05          | 5.07E-06         | 0.00E+00          | 0.00E+00                |
| Alabama                                                                                 | Winston            | 01133 | R                    | 2.63E-05                                                               | 2.63E-05 | 5.26E-05 | 6.18E-05 | 1.09E-04 | 1.24E-04 | 2.82E-04 | 2.82E-04 | 6.96E-05                         | 2.59E-05          | 1.39E-05         | 0.00E+00          | 0.00E+00                |
| Arizona                                                                                 | Statewide          | N/A   | N/A                  | 9.59E-06                                                               | 3.09E-05 | 5.47E-04 | 2.40E-03 | 7.88E-03 | 6.02E-03 | 1.70E-02 | 2.96E-02 | 5.43E-05                         | 6.89E-04          | 4.79E-05         | 7.08E-03          | 0.00E+00                |
| Arizona                                                                                 | All Urban Counties | N/A   | U                    | 2.94E-05                                                               | 8.59E-05 | 1.18E-03 | 2.74E-03 | 8.61E-03 | 6.57E-03 | 1.89E-02 | 3.05E-02 | 5.61E-05                         | 6.87E-04          | 5.22E-05         | 7.82E-03          | 0.00E+00                |
| Arizona                                                                                 | All Rural Counties | N/A   | R                    | 2.54E-06                                                               | 3.19E-06 | 6.63E-06 | 2.26E-05 | 7.53E-04 | 7.66E-05 | 2.08E-04 | 3.99E-03 | 3.69E-05                         | 7.02E-04          | 6.18E-06         | 7.23E-06          | 0.00E+00                |
| Arizona                                                                                 | Apache             | 04001 | R                    | 2.32E-06                                                               | 3.79E-06 | 4.22E-06 | 9.37E-06 | 2.08E-05 | 2.24E-05 | 6.95E-05 | 9.32E-05 | 3.08E-06                         | 4.76E-06          | 2.67E-06         | 1.03E-05          | 0.00E+00                |
| Arizona                                                                                 | Cochise            | 04003 | U                    | 6.43E-06                                                               | 8.99E-06 | 1.89E-05 | 3.64E-05 | 9.20E-05 | 1.09E-04 | 1.74E-04 | 1.74E-04 | 0.00E+00                         | 7.35E-05          | 1.85E-05         | 0.00E+00          | 0.00E+00                |
| Arizona                                                                                 | Coconino           | 04005 | U                    | 2.13E-06                                                               | 5.08E-06 | 6.58E-05 | 2.35E-04 | 3.34E-04 | 5.89E-04 | 7.04E-04 | 7.37E-04 | 0.00E+00                         | 3.21E-04          | 4.57E-06         | 8.13E-06          | 0.00E+00                |
| Arizona                                                                                 | Gila               | 04007 | R                    | 6.39E-06                                                               | 8.28E-06 | 1.40E-05 | 1.32E-04 | 3.65E-03 | 3.99E-03 | 1.07E-02 | 2.80E-02 | 1.51E-04                         | 3.49E-03          | 8.96E-06         | 5.71E-08          | 0.00E+00                |
| Arizona                                                                                 | Graham             | 04009 | R                    | 2.62E-06                                                               | 2.91E-06 | 4.66E-06 | 1.15E-05 | 5.87E-05 | 1.50E-04 | 1.62E-04 | 1.69E-04 | 0.00E+00                         | 4.65E-05          | 1.23E-05         | 0.00E+00          | 0.00E+00                |
| Arizona                                                                                 | Greenlee           | 04011 | R                    | 2.02E-06                                                               | 2.02E-06 | 3.19E-06 | 3.34E-06 | 4.36E-06 | 6.47E-06 | 6.78E-06 | 6.78E-06 | 0.00E+00                         | 2.27E-06          | 2.09E-06         | 0.00E+00          | 0.00E+00                |
| Arizona                                                                                 | La Paz             | 04012 | R                    | 7.96E-07                                                               | 7.96E-07 | 3.01E-06 | 4.55E-06 | 1.60E-05 | 3.90E-05 | 4.40E-05 | 4.40E-05 | 0.00E+00                         | 9.59E-06          | 6.39E-06         | 0.00E+00          | 0.00E+00                |

| Estimated Annual Average Ambient Concentrations ( $\mu\text{g}/\text{m}^3$ ) for Lead Compounds |                    |       |                      |                                                                        |          |          |          |          |          |          |          |                                  |                   |                  |                   |                         |
|-------------------------------------------------------------------------------------------------|--------------------|-------|----------------------|------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------------------------------|-------------------|------------------|-------------------|-------------------------|
| State                                                                                           | County             | FIPS  | Urban<br>or<br>Rural | Percentile Distribution of Ambient Concentrations Across Census Tracts |          |          |          |          |          |          |          | Contribution to Average from ... |                   |                  |                   |                         |
|                                                                                                 |                    |       |                      | 5th                                                                    | 10th     | 25th     | Median   | Average  | 75th     | 90th     | 95th     | Major                            | Area and<br>Other | Onroad<br>Mobile | Nonroad<br>Mobile | Estimated<br>Background |
| Arizona                                                                                         | Maricopa           | 04013 | U                    | 1.33E-03                                                               | 1.49E-03 | 2.40E-03 | 4.69E-03 | 1.26E-02 | 1.09E-02 | 2.52E-02 | 4.66E-02 | 1.37E-05                         | 9.12E-04          | 7.07E-05         | 1.16E-02          | 0.00E+00                |
| Arizona                                                                                         | Mohave             | 04015 | U                    | 2.81E-06                                                               | 4.34E-06 | 2.13E-05 | 5.46E-05 | 2.10E-04 | 1.27E-04 | 5.00E-04 | 6.70E-04 | 7.53E-07                         | 3.06E-05          | 2.26E-05         | 1.56E-04          | 0.00E+00                |
| Arizona                                                                                         | Navajo             | 04017 | R                    | 3.48E-06                                                               | 7.71E-06 | 1.73E-05 | 3.34E-05 | 5.41E-05 | 6.71E-05 | 1.43E-04 | 1.47E-04 | 1.95E-05                         | 1.38E-05          | 4.57E-06         | 1.62E-05          | 0.00E+00                |
| Arizona                                                                                         | Pima               | 04019 | U                    | 1.65E-04                                                               | 4.90E-04 | 8.82E-04 | 1.58E-03 | 2.83E-03 | 2.85E-03 | 4.82E-03 | 1.14E-02 | 1.39E-05                         | 4.88E-04          | 2.45E-05         | 2.31E-03          | 0.00E+00                |
| Arizona                                                                                         | Pinal              | 04021 | U                    | 3.00E-05                                                               | 3.74E-05 | 8.11E-05 | 6.38E-04 | 2.03E-03 | 2.61E-03 | 4.42E-03 | 4.50E-03 | 1.37E-03                         | 3.11E-04          | 2.42E-05         | 3.23E-04          | 0.00E+00                |
| Arizona                                                                                         | Santa Cruz         | 04023 | U                    | 8.79E-06                                                               | 8.79E-06 | 1.24E-05 | 4.17E-05 | 4.70E-05 | 7.63E-05 | 9.57E-05 | 9.57E-05 | 0.00E+00                         | 2.86E-05          | 1.84E-05         | 0.00E+00          | 0.00E+00                |
| Arizona                                                                                         | Yavapai            | 04025 | U                    | 1.41E-05                                                               | 1.91E-05 | 4.33E-05 | 8.70E-05 | 1.56E-04 | 2.11E-04 | 3.13E-04 | 6.93E-04 | 0.00E+00                         | 1.37E-04          | 1.60E-05         | 3.09E-06          | 0.00E+00                |
| Arizona                                                                                         | Yuma               | 04027 | U                    | 2.28E-06                                                               | 1.57E-05 | 2.04E-04 | 1.51E-03 | 2.24E-03 | 3.03E-03 | 6.79E-03 | 8.17E-03 | 8.55E-06                         | 1.05E-04          | 1.22E-05         | 2.11E-03          | 0.00E+00                |
| Arkansas                                                                                        | Statewide          | N/A   | N/A                  | 2.20E-05                                                               | 3.73E-05 | 1.52E-04 | 6.70E-04 | 3.64E-03 | 3.19E-03 | 8.93E-03 | 1.51E-02 | 1.06E-03                         | 1.84E-03          | 1.57E-05         | 7.17E-04          | 0.00E+00                |
| Arkansas                                                                                        | All Urban Counties | N/A   | U                    | 5.69E-05                                                               | 1.43E-04 | 6.02E-04 | 2.09E-03 | 5.85E-03 | 6.59E-03 | 1.32E-02 | 2.12E-02 | 1.52E-03                         | 3.03E-03          | 2.00E-05         | 1.28E-03          | 0.00E+00                |
| Arkansas                                                                                        | All Rural Counties | N/A   | R                    | 1.40E-05                                                               | 2.00E-05 | 5.45E-05 | 2.19E-04 | 1.10E-03 | 6.84E-04 | 2.03E-03 | 4.54E-03 | 5.38E-04                         | 4.87E-04          | 1.07E-05         | 6.79E-05          | 0.00E+00                |
| Arkansas                                                                                        | Arkansas           | 05001 | U                    | 2.31E-05                                                               | 2.31E-05 | 4.11E-05 | 3.18E-04 | 3.30E-04 | 6.14E-04 | 6.70E-04 | 6.70E-04 | 7.10E-05                         | 2.48E-04          | 1.02E-05         | 3.08E-08          | 0.00E+00                |
| Arkansas                                                                                        | Ashley             | 05003 | R                    | 2.50E-04                                                               | 2.50E-04 | 4.25E-04 | 7.10E-04 | 7.72E-04 | 1.16E-03 | 1.48E-03 | 1.48E-03 | 5.61E-04                         | 2.05E-04          | 6.63E-06         | 6.76E-09          | 0.00E+00                |
| Arkansas                                                                                        | Baxter             | 05005 | R                    | 7.11E-05                                                               | 7.11E-05 | 9.95E-05 | 3.70E-04 | 3.17E-04 | 4.09E-04 | 7.29E-04 | 7.29E-04 | 0.00E+00                         | 8.67E-05          | 1.42E-05         | 2.16E-04          | 0.00E+00                |
| Arkansas                                                                                        | Benton             | 05007 | U                    | 1.52E-04                                                               | 1.82E-04 | 2.29E-04 | 9.10E-04 | 9.39E-04 | 1.33E-03 | 2.12E-03 | 2.50E-03 | 0.00E+00                         | 4.30E-04          | 3.17E-05         | 4.77E-04          | 0.00E+00                |
| Arkansas                                                                                        | Boone              | 05009 | R                    | 8.03E-04                                                               | 8.03E-04 | 1.77E-03 | 3.36E-03 | 7.16E-03 | 1.28E-02 | 2.08E-02 | 2.08E-02 | 6.28E-03                         | 5.93E-04          | 1.25E-05         | 2.74E-04          | 0.00E+00                |
| Arkansas                                                                                        | Bradley            | 05011 | U                    | 1.28E-04                                                               | 1.28E-04 | 1.96E-04 | 2.05E-04 | 2.16E-04 | 2.10E-04 | 3.41E-04 | 3.41E-04 | 1.26E-04                         | 8.17E-05          | 7.87E-06         | 0.00E+00          | 0.00E+00                |
| Arkansas                                                                                        | Calhoun            | 05013 | R                    | 1.84E-04                                                               | 1.84E-04 | 1.84E-04 | 2.23E-04 | 2.23E-04 | 2.63E-04 | 2.63E-04 | 2.63E-04 | 7.08E-05                         | 1.46E-04          | 3.65E-06         | 3.21E-06          | 0.00E+00                |
| Arkansas                                                                                        | Carroll            | 05015 | R                    | 4.98E-05                                                               | 4.98E-05 | 5.43E-05 | 7.87E-04 | 7.76E-04 | 9.54E-04 | 2.03E-03 | 2.03E-03 | 6.39E-04                         | 1.00E-04          | 6.96E-06         | 2.98E-05          | 0.00E+00                |
| Arkansas                                                                                        | Chicot             | 05017 | U                    | 3.84E-05                                                               | 3.84E-05 | 5.69E-05 | 5.99E-05 | 1.06E-04 | 1.00E-04 | 2.76E-04 | 2.76E-04 | 8.25E-05                         | 1.66E-05          | 6.50E-06         | 5.49E-07          | 0.00E+00                |
| Arkansas                                                                                        | Clark              | 05019 | R                    | 6.70E-05                                                               | 6.70E-05 | 9.32E-05 | 1.88E-04 | 1.77E-04 | 2.61E-04 | 2.65E-04 | 2.65E-04 | 1.97E-05                         | 1.34E-04          | 9.24E-06         | 1.40E-05          | 0.00E+00                |
| Arkansas                                                                                        | Clay               | 05021 | R                    | 2.43E-05                                                               | 2.43E-05 | 2.72E-05 | 5.07E-05 | 5.02E-05 | 5.46E-05 | 9.40E-05 | 9.40E-05 | 1.50E-05                         | 2.71E-05          | 8.15E-06         | 0.00E+00          | 0.00E+00                |
| Arkansas                                                                                        | Cleburne           | 05023 | R                    | 2.78E-05                                                               | 2.78E-05 | 6.64E-05 | 7.99E-05 | 9.68E-05 | 9.26E-05 | 2.18E-04 | 2.18E-04 | 6.54E-07                         | 8.40E-05          | 1.22E-05         | 0.00E+00          | 0.00E+00                |
| Arkansas                                                                                        | Cleveland          | 05025 | R                    | 2.13E-04                                                               | 2.13E-04 | 2.13E-04 | 1.14E-03 | 1.14E-03 | 2.06E-03 | 2.06E-03 | 2.06E-03 | 9.55E-04                         | 1.80E-04          | 3.49E-06         | 0.00E+00          | 0.00E+00                |
| Arkansas                                                                                        | Columbia           | 05027 | R                    | 3.04E-05                                                               | 3.04E-05 | 9.70E-05 | 1.50E-04 | 1.71E-04 | 2.75E-04 | 3.00E-04 | 3.00E-04 | 2.17E-05                         | 1.25E-04          | 1.75E-05         | 6.22E-06          | 0.00E+00                |
| Arkansas                                                                                        | Conway             | 05029 | R                    | 5.18E-05                                                               | 5.18E-05 | 5.91E-05 | 1.26E-04 | 1.20E-04 | 1.72E-04 | 1.88E-04 | 1.88E-04 | 1.27E-05                         | 9.94E-05          | 8.19E-06         | 0.00E+00          | 0.00E+00                |
| Arkansas                                                                                        | Craighead          | 05031 | U                    | 1.02E-04                                                               | 1.79E-04 | 2.33E-04 | 3.23E-04 | 3.11E-04 | 3.72E-04 | 3.88E-04 | 5.51E-04 | 3.62E-05                         | 1.86E-04          | 2.47E-05         | 6.45E-05          | 0.00E+00                |
| Arkansas                                                                                        | Crawford           | 05033 | R                    | 1.15E-03                                                               | 1.15E-03 | 6.42E-03 | 1.09E-02 | 1.49E-02 | 2.36E-02 | 3.60E-02 | 3.60E-02 | 9.30E-03                         | 5.29E-03          | 9.01E-06         | 2.78E-04          | 0.00E+00                |
| Arkansas                                                                                        | Crittenden         | 05035 | U                    | 6.02E-04                                                               | 9.32E-04 | 1.42E-03 | 2.76E-03 | 3.51E-03 | 5.31E-03 | 6.65E-03 | 9.24E-03 | 1.82E-03                         | 1.37E-03          | 1.54E-05         | 3.07E-04          | 0.00E+00                |
| Arkansas                                                                                        | Cross              | 05037 | R                    | 3.30E-05                                                               | 3.30E-05 | 3.71E-05 | 2.13E-04 | 1.98E-04 | 2.44E-04 | 4.46E-04 | 4.46E-04 | 4.58E-05                         | 1.43E-04          | 8.55E-06         | 1.86E-07          | 0.00E+00                |
| Arkansas                                                                                        | Dallas             | 05039 | R                    | 1.75E-04                                                               | 1.75E-04 | 1.75E-04 | 5.24E-04 | 4.11E-04 | 5.33E-04 | 5.33E-04 | 5.33E-04 | 4.45E-05                         | 3.63E-04          | 3.70E-06         | 0.00E+00          | 0.00E+00                |
| Arkansas                                                                                        | Desha              | 05041 | U                    | 5.28E-05                                                               | 5.28E-05 | 1.33E-04 | 2.08E-04 | 2.68E-04 | 3.93E-04 | 5.55E-04 | 5.55E-04 | 1.96E-04                         | 6.55E-05          | 6.82E-06         | 1.48E-07          | 0.00E+00                |
| Arkansas                                                                                        | Drew               | 05043 | R                    | 7.89E-05                                                               | 7.89E-05 | 9.47E-05 | 1.66E-04 | 2.44E-04 | 3.63E-04 | 5.98E-04 | 5.98E-04 | 3.62E-05                         | 1.99E-04          | 9.28E-06         | 5.56E-08          | 0.00E+00                |
| Arkansas                                                                                        | Faulkner           | 05045 | U                    | 7.37E-05                                                               | 7.46E-05 | 4.80E-04 | 7.59E-04 | 8.11E-04 | 1.12E-03 | 1.44E-03 | 2.01E-03 | 4.08E-06                         | 6.29E-04          | 1.55E-05         | 1.62E-04          | 0.00E+00                |
| Arkansas                                                                                        | Franklin           | 05047 | R                    | 2.15E-04                                                               | 2.15E-04 | 2.15E-04 | 2.24E-04 | 3.45E-04 | 5.98E-04 | 5.98E-04 | 5.98E-04 | 2.37E-04                         | 9.92E-05          | 5.73E-06         | 3.09E-06          | 0.00E+00                |
| Arkansas                                                                                        | Fulton             | 05049 | R                    | 1.57E-05                                                               | 1.57E-05 | 1.57E-05 | 2.46E-05 | 2.46E-05 | 3.36E-05 | 3.36E-05 | 3.36E-05 | 0.00E+00                         | 1.06E-05          | 3.23E-06         | 1.08E-05          | 0.00E+00                |
| Arkansas                                                                                        | Garland            | 05051 | R                    | 1.37E-04                                                               | 1.46E-04 | 4.00E-04 | 6.59E-04 | 1.40E-03 | 1.51E-03 | 4.54E-03 | 4.77E-03 | 9.13E-06                         | 8.27E-04          | 2.96E-05         | 5.34E-04          | 0.00E+00                |
| Arkansas                                                                                        | Grant              | 05053 | R                    | 1.18E-03                                                               | 1.18E-03 | 2.19E-03 | 4.09E-03 | 3.60E-03 | 5.00E-03 | 5.02E-03 | 5.02E-03 | 8.58E-04                         | 2.67E-03          | 8.29E-06         | 5.38E-05          | 0.00E+00                |
| Arkansas                                                                                        | Greene             | 05055 | U                    | 5.51E-05                                                               | 5.51E-05 | 7.28E-05 | 1.57E-04 | 1.60E-04 | 2.49E-04 | 2.70E-04 | 2.70E-04 | 1.55E-06                         | 1.29E-04          | 2.15E-05         | 8.62E-06          | 0.00E+00                |
| Arkansas                                                                                        | Hempstead          | 05057 | R                    | 2.76E-05                                                               | 2.76E-05 | 5.06E-05 | 1.53E-04 | 1.67E-04 | 2.91E-04 | 3.11E-04 | 3.11E-04 | 1.45E-05                         | 1.12E-04          | 9.19E-06         | 3.06E-05          | 0.00E+00                |
| Arkansas                                                                                        | Hot Spring         | 05059 | R                    | 1.41E-04                                                               | 1.41E-04 | 1.43E-04 | 4.29E-04 | 3.46E-04 | 5.23E-04 | 5.30E-04 | 5.30E-04 | 3.45E-05                         | 2.66E-04          | 1.99E-05         | 2.48E-05          | 0.00E+00                |
| Arkansas                                                                                        | Howard             | 05061 | R                    | 1.50E-04                                                               | 1.50E-04 | 1.50E-04 | 1.71E-04 | 1.65E-04 | 1.76E-04 | 1.76E-04 | 1.76E-04 | 8.55E-05                         | 4.43E-05          | 5.85E-06         | 2.98E-05          | 0.00E+00                |
| Arkansas                                                                                        | Independence       | 05063 | R                    | 3.37E-04                                                               | 3.37E-04 | 4.72E-04 | 6.20E-04 | 7.08E-04 | 9.11E-04 | 1.32E-03 | 1.32E-03 | 2.58E-06                         | 6.92E-04          | 1.35E-05         | 0.00E+00          | 0.00E+00                |
| Arkansas                                                                                        | Izard              | 05065 | R                    | 2.43E-05                                                               | 2.43E-05 | 2.44E-05 | 3.03E-05 | 3.23E-05 | 4.01E-05 | 4.42E-05 | 4.42E-05 | 1.02E-07                         | 2.24E-05          | 3.13E-06         | 6.60E-06          | 0.00E+00                |
| Arkansas                                                                                        | Jackson            | 05067 | R                    | 5.13E-04                                                               | 5.13E-04 | 6.15E-04 | 7.02E-04 | 1.03E-03 | 1.59E-03 | 1.74E-03 | 1.74E-03 | 5.39E-07                         | 1.02E-03          | 8.87E-06         | 6.53E-07          | 0.00E+00                |
| Arkansas                                                                                        | Jefferson          | 05069 | U                    | 2.05E-03                                                               | 2.14E-03 | 5.57E-03 | 8.93E-03 | 1.51E-02 | 1.51E-02 | 3.35E-02 | 6.93E-02 | 1.22E-02                         | 2.95E-03          | 1.03E-05         | 2.69E-05          | 0.00E+00                |
| Arkansas                                                                                        | Johnson            | 05071 | R                    | 1.94E-05                                                               | 1.94E-05 | 2.00E-05 | 4.01E-05 | 4.23E-05 | 5.91E-05 | 7.50E-05 | 7.50E-05 | 0.00E+00                         | 3.16E-05          | 1.07E-05         | 0.00E+00          | 0.00E+00                |
| Arkansas                                                                                        | Lafayette          | 05073 | R                    | 6.08E-05                                                               | 6.08E-05 | 6.08E-05 | 6.58E-05 | 7.45E-05 | 9.68E-05 | 9.68E-05 | 9.68E-05 | 5.07E-07                         | 5.70E-05          | 4.30E-06         | 1.27E-05          | 0.00E+00                |
| Arkansas                                                                                        | Lawrence           | 05075 | R                    | 1.29E-05                                                               | 1.29E-05 | 4.32E-05 | 6.35E-05 | 1.22E-04 | 1.53E-04 | 3.38E-04 | 3.38E-04 | 4.39E-08                         | 1.11E-04          | 7.42E-06         | 3.33E-06          | 0.00E+00                |
| Arkansas                                                                                        | Lee                | 05077 | R                    | 1.34E-05                                                               | 1.34E-05 | 1.62E-05 | 2.16E-05 | 3.24E-05 | 4.87E-05 | 7.30E-05 | 7.30E-05 | 0.00E+00                         | 2.75E-05          | 4.57E-06         | 3.44E-07          | 0.00E+00                |

| Estimated Annual Average Ambient Concentrations (µg/m <sup>3</sup> ) for Lead Compounds |                    |       |                      |                                                                        |          |          |          |          |          |          |          |                                  |                   |                  |                   |                         |
|-----------------------------------------------------------------------------------------|--------------------|-------|----------------------|------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------------------------------|-------------------|------------------|-------------------|-------------------------|
| State                                                                                   | County             | FIPS  | Urban<br>or<br>Rural | Percentile Distribution of Ambient Concentrations Across Census Tracts |          |          |          |          |          |          |          | Contribution to Average from ... |                   |                  |                   |                         |
|                                                                                         |                    |       |                      | 5th                                                                    | 10th     | 25th     | Median   | Average  | 75th     | 90th     | 95th     | Major                            | Area and<br>Other | Onroad<br>Mobile | Nonroad<br>Mobile | Estimated<br>Background |
| Arkansas                                                                                | Lincoln            | 05079 | R                    | 6.43E-04                                                               | 6.43E-04 | 6.65E-04 | 6.85E-04 | 6.94E-04 | 7.13E-04 | 7.62E-04 | 7.62E-04 | 6.02E-04                         | 8.56E-05          | 6.17E-06         | 0.00E+00          | 0.00E+00                |
| Arkansas                                                                                | Little River       | 05081 | R                    | 7.27E-04                                                               | 7.27E-04 | 7.27E-04 | 1.43E-03 | 1.57E-03 | 2.56E-03 | 2.56E-03 | 2.56E-03 | 1.44E-03                         | 4.92E-05          | 4.26E-06         | 7.54E-05          | 0.00E+00                |
| Arkansas                                                                                | Logan              | 05083 | R                    | 1.22E-05                                                               | 1.22E-05 | 2.58E-05 | 4.31E-05 | 9.47E-05 | 1.66E-04 | 2.78E-04 | 2.78E-04 | 0.00E+00                         | 8.52E-05          | 8.27E-06         | 1.24E-06          | 0.00E+00                |
| Arkansas                                                                                | Lonoke             | 05085 | U                    | 1.12E-03                                                               | 1.12E-03 | 1.60E-03 | 2.62E-03 | 4.43E-03 | 5.84E-03 | 1.42E-02 | 1.42E-02 | 9.55E-04                         | 3.14E-03          | 6.36E-06         | 3.21E-04          | 0.00E+00                |
| Arkansas                                                                                | Madison            | 05087 | R                    | 1.85E-05                                                               | 1.85E-05 | 4.00E-05 | 7.19E-05 | 6.33E-05 | 8.66E-05 | 9.08E-05 | 9.08E-05 | 0.00E+00                         | 1.69E-05          | 3.52E-06         | 4.29E-05          | 0.00E+00                |
| Arkansas                                                                                | Marion             | 05089 | R                    | 3.80E-04                                                               | 3.80E-04 | 3.80E-04 | 6.83E-04 | 5.85E-04 | 6.91E-04 | 6.91E-04 | 6.91E-04 | 4.72E-04                         | 5.30E-05          | 3.98E-06         | 5.62E-05          | 0.00E+00                |
| Arkansas                                                                                | Miller             | 05091 | U                    | 1.85E-04                                                               | 2.71E-04 | 9.50E-04 | 1.24E-03 | 2.16E-03 | 2.96E-03 | 5.82E-03 | 8.39E-03 | 3.01E-04                         | 1.79E-04          | 9.15E-06         | 1.67E-03          | 0.00E+00                |
| Arkansas                                                                                | Mississippi        | 05093 | U                    | 4.87E-04                                                               | 5.99E-04 | 6.35E-04 | 9.76E-04 | 9.33E-04 | 1.08E-03 | 1.15E-03 | 2.03E-03 | 5.74E-04                         | 3.37E-04          | 2.14E-05         | 5.13E-07          | 0.00E+00                |
| Arkansas                                                                                | Monroe             | 05095 | R                    | 1.07E-05                                                               | 1.07E-05 | 1.07E-05 | 1.61E-05 | 1.98E-05 | 3.26E-05 | 3.26E-05 | 3.26E-05 | 0.00E+00                         | 1.59E-05          | 3.86E-06         | 1.78E-08          | 0.00E+00                |
| Arkansas                                                                                | Montgomery         | 05097 | R                    | 5.57E-06                                                               | 5.57E-06 | 5.57E-06 | 5.13E-05 | 3.84E-05 | 5.83E-05 | 5.83E-05 | 5.83E-05 | 8.17E-07                         | 1.76E-05          | 2.71E-06         | 1.72E-05          | 0.00E+00                |
| Arkansas                                                                                | Nevada             | 05099 | R                    | 3.88E-05                                                               | 3.88E-05 | 3.88E-05 | 6.10E-05 | 5.53E-05 | 6.61E-05 | 6.61E-05 | 6.61E-05 | 1.49E-05                         | 3.70E-05          | 3.44E-06         | 0.00E+00          | 0.00E+00                |
| Arkansas                                                                                | Newton             | 05101 | R                    | 2.19E-04                                                               | 2.19E-04 | 2.19E-04 | 4.17E-04 | 4.17E-04 | 6.16E-04 | 6.16E-04 | 6.16E-04 | 3.48E-04                         | 4.97E-05          | 1.94E-06         | 1.78E-05          | 0.00E+00                |
| Arkansas                                                                                | Ouachita           | 05103 | R                    | 2.14E-04                                                               | 2.14E-04 | 2.52E-04 | 7.69E-04 | 1.09E-03 | 1.49E-03 | 3.01E-03 | 3.01E-03 | 7.15E-04                         | 3.21E-04          | 1.57E-05         | 3.36E-05          | 0.00E+00                |
| Arkansas                                                                                | Perry              | 05105 | R                    | 6.42E-05                                                               | 6.42E-05 | 6.42E-05 | 1.34E-04 | 1.66E-04 | 2.98E-04 | 2.98E-04 | 2.98E-04 | 8.52E-06                         | 1.52E-04          | 4.84E-06         | 0.00E+00          | 0.00E+00                |
| Arkansas                                                                                | Phillips           | 05107 | U                    | 2.70E-05                                                               | 2.70E-05 | 3.16E-05 | 1.33E-04 | 1.08E-04 | 1.43E-04 | 1.82E-04 | 1.82E-04 | 0.00E+00                         | 9.31E-05          | 1.29E-05         | 2.24E-06          | 0.00E+00                |
| Arkansas                                                                                | Pike               | 05109 | R                    | 1.18E-05                                                               | 1.18E-05 | 1.18E-05 | 2.47E-05 | 3.63E-05 | 7.26E-05 | 7.26E-05 | 7.26E-05 | 2.55E-06                         | 1.40E-05          | 3.51E-06         | 1.63E-05          | 0.00E+00                |
| Arkansas                                                                                | Poinsett           | 05111 | R                    | 1.78E-04                                                               | 1.78E-04 | 2.43E-04 | 3.42E-04 | 3.40E-04 | 4.05E-04 | 5.27E-04 | 5.27E-04 | 2.05E-04                         | 1.23E-04          | 8.40E-06         | 3.82E-06          | 0.00E+00                |
| Arkansas                                                                                | Polk               | 05113 | R                    | 7.53E-06                                                               | 7.53E-06 | 1.53E-05 | 1.83E-05 | 2.03E-05 | 2.20E-05 | 4.00E-05 | 4.00E-05 | 3.11E-06                         | 1.24E-05          | 4.70E-06         | 0.00E+00          | 0.00E+00                |
| Arkansas                                                                                | Pope               | 05115 | U                    | 1.75E-05                                                               | 2.09E-05 | 4.53E-05 | 5.48E-05 | 9.10E-05 | 1.76E-04 | 2.01E-04 | 2.02E-04 | 2.29E-06                         | 6.92E-05          | 1.95E-05         | 0.00E+00          | 0.00E+00                |
| Arkansas                                                                                | Prairie            | 05117 | R                    | 4.98E-04                                                               | 4.98E-04 | 4.98E-04 | 5.88E-04 | 7.23E-04 | 1.08E-03 | 1.08E-03 | 1.08E-03 | 3.48E-07                         | 7.20E-04          | 3.04E-06         | 0.00E+00          | 0.00E+00                |
| Arkansas                                                                                | Pulaski            | 05119 | U                    | 1.33E-03                                                               | 1.39E-03 | 2.65E-03 | 4.85E-03 | 6.77E-03 | 7.95E-03 | 1.32E-02 | 1.66E-02 | 3.63E-05                         | 3.34E-03          | 3.08E-05         | 3.36E-03          | 0.00E+00                |
| Arkansas                                                                                | Randolph           | 05121 | R                    | 1.30E-05                                                               | 1.30E-05 | 1.30E-05 | 1.54E-05 | 3.17E-05 | 6.67E-05 | 6.67E-05 | 6.67E-05 | 0.00E+00                         | 2.43E-05          | 7.41E-06         | 0.00E+00          | 0.00E+00                |
| Arkansas                                                                                | St. Francis        | 05123 | R                    | 3.42E-05                                                               | 3.42E-05 | 3.47E-05 | 7.00E-05 | 1.47E-04 | 9.67E-05 | 5.75E-04 | 5.75E-04 | 4.29E-05                         | 7.15E-05          | 1.14E-05         | 2.09E-05          | 0.00E+00                |
| Arkansas                                                                                | Saline             | 05125 | U                    | 1.16E-03                                                               | 1.37E-03 | 2.00E-03 | 2.49E-03 | 2.76E-03 | 3.25E-03 | 4.37E-03 | 5.30E-03 | 4.24E-05                         | 1.81E-03          | 1.63E-05         | 8.89E-04          | 0.00E+00                |
| Arkansas                                                                                | Scott              | 05127 | R                    | 7.37E-06                                                               | 7.37E-06 | 7.37E-06 | 1.54E-05 | 1.65E-05 | 2.68E-05 | 2.68E-05 | 2.68E-05 | 0.00E+00                         | 1.28E-05          | 3.72E-06         | 0.00E+00          | 0.00E+00                |
| Arkansas                                                                                | Searcy             | 05129 | R                    | 5.83E-06                                                               | 5.83E-06 | 5.83E-06 | 1.29E-05 | 1.94E-04 | 5.64E-04 | 5.64E-04 | 5.64E-04 | 1.62E-04                         | 2.18E-05          | 2.16E-06         | 8.67E-06          | 0.00E+00                |
| Arkansas                                                                                | Sebastian          | 05131 | U                    | 1.60E-03                                                               | 1.77E-03 | 8.82E-03 | 1.33E-02 | 2.22E-02 | 2.57E-02 | 5.17E-02 | 5.19E-02 | 2.06E-03                         | 1.93E-02          | 1.51E-05         | 8.60E-04          | 0.00E+00                |
| Arkansas                                                                                | Sevier             | 05133 | R                    | 5.09E-04                                                               | 5.09E-04 | 9.24E-04 | 1.02E-03 | 9.95E-04 | 1.14E-03 | 1.38E-03 | 1.38E-03 | 9.72E-04                         | 1.62E-05          | 5.95E-06         | 0.00E+00          | 0.00E+00                |
| Arkansas                                                                                | Sharp              | 05135 | R                    | 1.40E-05                                                               | 1.40E-05 | 1.70E-05 | 3.13E-05 | 8.60E-05 | 1.55E-04 | 2.67E-04 | 2.67E-04 | 1.56E-07                         | 8.10E-05          | 4.83E-06         | 0.00E+00          | 0.00E+00                |
| Arkansas                                                                                | Stone              | 05137 | R                    | 8.99E-06                                                               | 8.99E-06 | 8.99E-06 | 2.69E-05 | 2.69E-05 | 4.48E-05 | 4.48E-05 | 4.48E-05 | 0.00E+00                         | 2.40E-05          | 2.86E-06         | 0.00E+00          | 0.00E+00                |
| Arkansas                                                                                | Union              | 05139 | R                    | 1.33E-03                                                               | 1.33E-03 | 1.47E-03 | 2.62E-03 | 2.71E-03 | 3.88E-03 | 4.43E-03 | 4.58E-03 | 3.80E-05                         | 2.59E-03          | 2.58E-05         | 6.08E-05          | 0.00E+00                |
| Arkansas                                                                                | Van Buren          | 05141 | R                    | 9.66E-06                                                               | 9.66E-06 | 1.22E-05 | 1.69E-05 | 1.79E-05 | 2.36E-05 | 2.80E-05 | 2.80E-05 | 1.19E-06                         | 1.29E-05          | 3.80E-06         | 0.00E+00          | 0.00E+00                |
| Arkansas                                                                                | Washington         | 05143 | U                    | 2.99E-04                                                               | 4.33E-04 | 6.36E-04 | 2.13E-03 | 2.82E-03 | 4.31E-03 | 7.06E-03 | 8.57E-03 | 1.33E-04                         | 2.87E-04          | 1.65E-05         | 2.39E-03          | 0.00E+00                |
| Arkansas                                                                                | White              | 05145 | R                    | 3.73E-05                                                               | 1.45E-04 | 1.79E-04 | 3.16E-04 | 3.45E-04 | 4.96E-04 | 5.11E-04 | 7.84E-04 | 3.20E-06                         | 3.16E-04          | 1.77E-05         | 7.99E-06          | 0.00E+00                |
| Arkansas                                                                                | Woodruff           | 05147 | R                    | 5.52E-05                                                               | 5.52E-05 | 5.52E-05 | 2.66E-04 | 2.66E-04 | 4.76E-04 | 4.76E-04 | 4.76E-04 | 8.08E-07                         | 2.61E-04          | 3.32E-06         | 0.00E+00          | 0.00E+00                |
| Arkansas                                                                                | Yell               | 05149 | R                    | 2.38E-05                                                               | 2.38E-05 | 2.43E-05 | 2.68E-05 | 2.93E-05 | 3.43E-05 | 3.98E-05 | 3.98E-05 | 9.72E-07                         | 2.15E-05          | 6.88E-06         | 0.00E+00          | 0.00E+00                |
| California                                                                              | Statewide          | N/A   | N/A                  | 1.35E-04                                                               | 2.72E-04 | 8.88E-04 | 4.37E-03 | 8.34E-03 | 9.93E-03 | 1.67E-02 | 2.65E-02 | 3.18E-04                         | 1.73E-03          | 1.10E-04         | 6.17E-03          | 0.00E+00                |
| California                                                                              | All Urban Counties | N/A   | U                    | 2.00E-04                                                               | 3.58E-04 | 1.10E-03 | 4.74E-03 | 8.67E-03 | 1.02E-02 | 1.71E-02 | 2.72E-02 | 3.31E-04                         | 1.80E-03          | 1.14E-04         | 6.43E-03          | 0.00E+00                |
| California                                                                              | All Rural Counties | N/A   | R                    | 5.51E-06                                                               | 1.58E-05 | 5.94E-05 | 1.34E-04 | 2.34E-04 | 2.79E-04 | 5.89E-04 | 7.41E-04 | 2.97E-06                         | 1.20E-04          | 3.21E-05         | 7.94E-05          | 0.00E+00                |
| California                                                                              | Alameda            | 06001 | U                    | 3.01E-03                                                               | 3.48E-03 | 4.71E-03 | 6.11E-03 | 6.70E-03 | 7.89E-03 | 9.64E-03 | 1.15E-02 | 3.81E-05                         | 1.44E-03          | 1.26E-04         | 5.09E-03          | 0.00E+00                |
| California                                                                              | Alpine             | 06003 | R                    | 1.59E-06                                                               | 1.59E-06 | 1.61E-06 | 2.05E-06 | 5.18E-06 | 2.76E-06 | 1.79E-05 | 1.79E-05 | 0.00E+00                         | 1.58E-06          | 1.24E-06         | 2.36E-06          | 0.00E+00                |
| California                                                                              | Amador             | 06005 | R                    | 5.33E-05                                                               | 5.33E-05 | 6.07E-05 | 8.85E-05 | 8.77E-05 | 1.15E-04 | 1.21E-04 | 1.21E-04 | 2.09E-07                         | 5.53E-05          | 3.21E-05         | 1.56E-08          | 0.00E+00                |
| California                                                                              | Butte              | 06007 | R                    | 6.04E-05                                                               | 6.30E-05 | 1.27E-04 | 2.01E-04 | 3.01E-04 | 4.07E-04 | 5.89E-04 | 6.25E-04 | 1.01E-05                         | 1.35E-04          | 8.24E-06         | 1.47E-04          | 0.00E+00                |
| California                                                                              | Calaveras          | 06009 | R                    | 5.43E-05                                                               | 5.43E-05 | 5.53E-05 | 6.67E-05 | 7.22E-05 | 8.75E-05 | 9.71E-05 | 9.71E-05 | 7.78E-08                         | 4.71E-05          | 2.49E-05         | 3.18E-08          | 0.00E+00                |
| California                                                                              | Colusa             | 06011 | R                    | 2.14E-05                                                               | 2.14E-05 | 2.28E-05 | 2.61E-05 | 5.27E-05 | 9.56E-05 | 9.78E-05 | 9.78E-05 | 2.83E-06                         | 3.55E-05          | 1.44E-05         | 0.00E+00          | 0.00E+00                |
| California                                                                              | Contra Costa       | 06013 | U                    | 6.33E-04                                                               | 7.15E-04 | 1.08E-03 | 2.36E-03 | 2.19E-03 | 2.83E-03 | 3.49E-03 | 4.29E-03 | 6.20E-05                         | 6.02E-04          | 7.58E-05         | 1.45E-03          | 0.00E+00                |
| California                                                                              | Del Norte          | 06015 | R                    | 1.33E-05                                                               | 1.33E-05 | 1.33E-05 | 5.79E-05 | 8.23E-05 | 1.76E-04 | 1.76E-04 | 1.76E-04 | 0.00E+00                         | 1.72E-05          | 1.94E-05         | 4.57E-05          | 0.00E+00                |
| California                                                                              | El Dorado          | 06017 | U                    | 3.87E-05                                                               | 6.35E-05 | 7.61E-05 | 1.58E-04 | 4.29E-04 | 7.27E-04 | 1.31E-03 | 1.70E-03 | 1.72E-07                         | 2.64E-04          | 1.57E-05         | 1.49E-04          | 0.00E+00                |
| California                                                                              | Fresno             | 06019 | U                    | 1.72E-04                                                               | 2.49E-04 | 4.13E-04 | 7.41E-04 | 1.09E-03 | 1.24E-03 | 1.76E-03 | 2.68E-03 | 2.12E-04                         | 6.61E-04          | 2.86E-05         | 1.89E-04          | 0.00E+00                |
| California                                                                              | Glenn              | 06021 | R                    | 1.35E-05                                                               | 1.35E-05 | 3.36E-05 | 9.11E-05 | 7.39E-05 | 1.16E-04 | 1.16E-04 | 1.16E-04 | 9.50E-07                         | 3.62E-05          | 3.55E-05         | 1.33E-06          | 0.00E+00                |

| Estimated Annual Average Ambient Concentrations (µg/m <sup>3</sup> ) for Lead Compounds |                    |       |                      |                                                                        |          |          |          |          |          |          |          |                                  |                   |                  |                   |                         |
|-----------------------------------------------------------------------------------------|--------------------|-------|----------------------|------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------------------------------|-------------------|------------------|-------------------|-------------------------|
| State                                                                                   | County             | FIPS  | Urban<br>or<br>Rural | Percentile Distribution of Ambient Concentrations Across Census Tracts |          |          |          |          |          |          |          | Contribution to Average from ... |                   |                  |                   |                         |
|                                                                                         |                    |       |                      | 5th                                                                    | 10th     | 25th     | Median   | Average  | 75th     | 90th     | 95th     | Major                            | Area and<br>Other | Onroad<br>Mobile | Nonroad<br>Mobile | Estimated<br>Background |
| California                                                                              | Humboldt           | 06023 | R                    | 1.86E-05                                                               | 5.84E-05 | 8.30E-05 | 1.72E-04 | 3.17E-04 | 2.97E-04 | 4.10E-04 | 6.00E-04 | 9.00E-06                         | 7.04E-05          | 6.59E-05         | 1.71E-04          | 0.00E+00                |
| California                                                                              | Imperial           | 06025 | U                    | 2.62E-05                                                               | 3.88E-05 | 1.52E-04 | 2.69E-04 | 3.92E-04 | 6.01E-04 | 8.83E-04 | 1.14E-03 | 5.87E-07                         | 4.75E-05          | 1.15E-04         | 2.29E-04          | 0.00E+00                |
| California                                                                              | Inyo               | 06027 | R                    | 1.40E-06                                                               | 1.40E-06 | 2.45E-06 | 8.67E-05 | 1.23E-04 | 2.33E-04 | 2.56E-04 | 2.56E-04 | 0.00E+00                         | 1.09E-04          | 1.39E-05         | 0.00E+00          | 0.00E+00                |
| California                                                                              | Kern               | 06029 | U                    | 2.94E-05                                                               | 5.90E-05 | 1.84E-04 | 3.84E-04 | 6.09E-04 | 6.09E-04 | 1.22E-03 | 2.28E-03 | 4.16E-05                         | 2.02E-04          | 1.18E-05         | 3.53E-04          | 0.00E+00                |
| California                                                                              | Kings              | 06031 | U                    | 7.12E-05                                                               | 1.70E-04 | 2.75E-04 | 3.32E-04 | 3.54E-04 | 3.71E-04 | 5.46E-04 | 1.15E-03 | 6.23E-07                         | 2.24E-04          | 1.24E-04         | 6.22E-06          | 0.00E+00                |
| California                                                                              | Lake               | 06033 | R                    | 1.05E-04                                                               | 1.27E-04 | 2.08E-04 | 4.26E-04 | 5.38E-04 | 8.14E-04 | 1.11E-03 | 1.50E-03 | 2.14E-06                         | 4.89E-04          | 4.71E-05         | 0.00E+00          | 0.00E+00                |
| California                                                                              | Lassen             | 06035 | R                    | 7.06E-05                                                               | 7.06E-05 | 8.46E-05 | 1.35E-04 | 1.45E-04 | 1.63E-04 | 2.80E-04 | 2.80E-04 | 0.00E+00                         | 1.35E-04          | 9.47E-06         | 0.00E+00          | 0.00E+00                |
| California                                                                              | Los Angeles        | 06037 | U                    | 3.05E-03                                                               | 3.67E-03 | 5.80E-03 | 1.06E-02 | 1.56E-02 | 1.58E-02 | 2.94E-02 | 4.32E-02 | 1.83E-04                         | 3.26E-03          | 1.75E-04         | 1.20E-02          | 0.00E+00                |
| California                                                                              | Madera             | 06039 | U                    | 5.69E-05                                                               | 5.99E-05 | 1.15E-04 | 2.68E-04 | 2.97E-04 | 3.79E-04 | 6.73E-04 | 8.73E-04 | 2.27E-05                         | 1.54E-04          | 9.28E-05         | 2.79E-05          | 0.00E+00                |
| California                                                                              | Marin              | 06041 | U                    | 1.99E-04                                                               | 2.46E-04 | 5.72E-04 | 1.10E-03 | 9.79E-04 | 1.30E-03 | 1.54E-03 | 1.75E-03 | 2.49E-05                         | 4.18E-04          | 4.40E-05         | 4.92E-04          | 0.00E+00                |
| California                                                                              | Mariposa           | 06043 | R                    | 3.00E-06                                                               | 3.00E-06 | 9.41E-06 | 2.44E-05 | 4.16E-05 | 7.37E-05 | 1.14E-04 | 1.14E-04 | 0.00E+00                         | 3.15E-05          | 1.00E-05         | 0.00E+00          | 0.00E+00                |
| California                                                                              | Mendocino          | 06045 | R                    | 8.29E-06                                                               | 1.12E-05 | 1.89E-05 | 7.41E-05 | 9.01E-05 | 1.17E-04 | 2.90E-04 | 3.58E-04 | 8.55E-07                         | 5.12E-05          | 3.81E-05         | 0.00E+00          | 0.00E+00                |
| California                                                                              | Merced             | 06047 | U                    | 8.38E-05                                                               | 9.37E-05 | 1.08E-04 | 1.42E-04 | 2.47E-04 | 3.06E-04 | 5.33E-04 | 6.59E-04 | 1.98E-07                         | 1.96E-04          | 9.19E-06         | 4.09E-05          | 0.00E+00                |
| California                                                                              | Modoc              | 06049 | R                    | 3.48E-06                                                               | 3.48E-06 | 3.48E-06 | 1.33E-05 | 1.33E-05 | 2.31E-05 | 2.31E-05 | 2.31E-05 | 0.00E+00                         | 8.66E-06          | 4.65E-06         | 0.00E+00          | 0.00E+00                |
| California                                                                              | Mono               | 06051 | R                    | 1.97E-05                                                               | 1.97E-05 | 1.97E-05 | 2.24E-05 | 2.24E-05 | 2.51E-05 | 2.51E-05 | 2.51E-05 | 0.00E+00                         | 1.20E-05          | 5.69E-06         | 4.77E-06          | 0.00E+00                |
| California                                                                              | Monterey           | 06053 | U                    | 2.74E-05                                                               | 7.11E-05 | 1.27E-04 | 2.11E-04 | 2.82E-04 | 3.39E-04 | 6.22E-04 | 7.38E-04 | 5.29E-08                         | 1.95E-04          | 1.80E-05         | 6.91E-05          | 0.00E+00                |
| California                                                                              | Napa               | 06055 | U                    | 1.23E-04                                                               | 1.35E-04 | 1.95E-04 | 2.55E-04 | 2.88E-04 | 3.63E-04 | 4.98E-04 | 6.00E-04 | 4.44E-06                         | 2.60E-04          | 2.26E-05         | 9.89E-07          | 0.00E+00                |
| California                                                                              | Nevada             | 06057 | R                    | 5.59E-05                                                               | 7.91E-05 | 1.35E-04 | 1.72E-04 | 2.10E-04 | 2.36E-04 | 4.28E-04 | 5.90E-04 | 1.06E-07                         | 1.05E-04          | 9.89E-05         | 5.66E-06          | 0.00E+00                |
| California                                                                              | Orange             | 06059 | U                    | 2.15E-03                                                               | 3.36E-03 | 6.16E-03 | 9.02E-03 | 1.08E-02 | 1.24E-02 | 1.80E-02 | 2.32E-02 | 1.12E-03                         | 4.24E-03          | 1.79E-04         | 5.23E-03          | 0.00E+00                |
| California                                                                              | Placer             | 06061 | U                    | 5.28E-05                                                               | 8.81E-05 | 1.76E-04 | 2.67E-04 | 3.75E-04 | 5.67E-04 | 7.91E-04 | 8.70E-04 | 2.53E-06                         | 2.82E-04          | 2.13E-05         | 6.94E-05          | 0.00E+00                |
| California                                                                              | Plumas             | 06063 | R                    | 8.91E-06                                                               | 8.91E-06 | 1.39E-05 | 7.11E-05 | 5.29E-05 | 7.73E-05 | 9.31E-05 | 9.31E-05 | 0.00E+00                         | 4.41E-05          | 8.79E-06         | 0.00E+00          | 0.00E+00                |
| California                                                                              | Riverside          | 06065 | U                    | 1.98E-04                                                               | 2.43E-04 | 6.61E-04 | 2.19E-03 | 4.16E-03 | 5.58E-03 | 1.25E-02 | 1.44E-02 | 1.62E-03                         | 6.45E-04          | 7.10E-05         | 1.82E-03          | 0.00E+00                |
| California                                                                              | Sacramento         | 06067 | U                    | 6.67E-04                                                               | 8.39E-04 | 1.01E-03 | 1.34E-03 | 1.43E-03 | 1.69E-03 | 2.15E-03 | 2.50E-03 | 1.07E-05                         | 6.15E-04          | 5.23E-05         | 7.52E-04          | 0.00E+00                |
| California                                                                              | San Benito         | 06069 | U                    | 6.54E-05                                                               | 6.54E-05 | 1.30E-04 | 3.15E-04 | 3.32E-04 | 4.71E-04 | 7.56E-04 | 7.56E-04 | 4.10E-07                         | 2.40E-04          | 9.02E-05         | 1.82E-06          | 0.00E+00                |
| California                                                                              | San Bernardino     | 06071 | U                    | 4.44E-05                                                               | 1.14E-04 | 1.33E-03 | 4.09E-03 | 7.33E-03 | 9.22E-03 | 1.64E-02 | 2.13E-02 | 3.28E-03                         | 1.03E-03          | 6.31E-05         | 2.95E-03          | 0.00E+00                |
| California                                                                              | San Diego          | 06073 | U                    | 8.33E-04                                                               | 1.11E-03 | 1.73E-03 | 4.30E-03 | 1.29E-02 | 8.92E-03 | 2.42E-02 | 5.14E-02 | 2.69E-04                         | 7.22E-04          | 9.91E-05         | 1.18E-02          | 0.00E+00                |
| California                                                                              | San Francisco      | 06075 | U                    | 4.22E-03                                                               | 4.38E-03 | 4.77E-03 | 5.50E-03 | 6.27E-03 | 6.52E-03 | 9.15E-03 | 1.35E-02 | 2.81E-05                         | 3.07E-03          | 2.43E-04         | 2.92E-03          | 0.00E+00                |
| California                                                                              | San Joaquin        | 06077 | U                    | 2.41E-04                                                               | 3.17E-04 | 3.91E-04 | 5.03E-04 | 8.24E-04 | 7.84E-04 | 1.19E-03 | 1.89E-03 | 3.33E-04                         | 4.62E-04          | 2.70E-05         | 2.29E-06          | 0.00E+00                |
| California                                                                              | San Luis Obispo    | 06079 | U                    | 4.52E-05                                                               | 2.45E-04 | 3.93E-04 | 5.36E-04 | 9.92E-04 | 7.63E-04 | 2.30E-03 | 3.94E-03 | 1.10E-06                         | 1.82E-04          | 3.53E-06         | 8.05E-04          | 0.00E+00                |
| California                                                                              | San Mateo          | 06081 | U                    | 3.51E-03                                                               | 5.04E-03 | 5.84E-03 | 8.65E-03 | 1.38E-02 | 1.42E-02 | 3.01E-02 | 5.38E-02 | 7.79E-06                         | 9.15E-04          | 9.94E-05         | 1.27E-02          | 0.00E+00                |
| California                                                                              | Santa Barbara      | 06083 | U                    | 2.68E-04                                                               | 3.97E-04 | 6.43E-04 | 9.22E-04 | 2.29E-03 | 1.93E-03 | 4.54E-03 | 7.56E-03 | 1.26E-06                         | 6.72E-04          | 2.85E-05         | 1.59E-03          | 0.00E+00                |
| California                                                                              | Santa Clara        | 06085 | U                    | 7.77E-04                                                               | 1.36E-03 | 2.63E-03 | 5.31E-03 | 8.19E-03 | 9.08E-03 | 1.56E-02 | 2.32E-02 | 3.83E-06                         | 8.09E-04          | 9.46E-05         | 7.29E-03          | 0.00E+00                |
| California                                                                              | Santa Cruz         | 06087 | U                    | 4.09E-04                                                               | 6.87E-04 | 9.08E-04 | 1.20E-03 | 1.22E-03 | 1.52E-03 | 1.94E-03 | 1.97E-03 | 1.51E-07                         | 2.47E-04          | 4.22E-05         | 9.35E-04          | 0.00E+00                |
| California                                                                              | Shasta             | 06089 | U                    | 1.24E-05                                                               | 2.99E-05 | 1.10E-04 | 3.13E-04 | 6.81E-04 | 5.58E-04 | 2.17E-03 | 3.48E-03 | 0.00E+00                         | 2.26E-04          | 1.37E-05         | 4.41E-04          | 0.00E+00                |
| California                                                                              | Sierra             | 06091 | R                    | 1.80E-05                                                               | 1.80E-05 | 1.80E-05 | 1.80E-05 | 1.80E-05 | 1.80E-05 | 1.80E-05 | 1.80E-05 | 0.00E+00                         | 1.14E-05          | 6.56E-06         | 0.00E+00          | 0.00E+00                |
| California                                                                              | Siskiyou           | 06093 | R                    | 5.36E-06                                                               | 7.24E-06 | 1.21E-05 | 1.78E-05 | 2.28E-05 | 2.15E-05 | 4.42E-05 | 7.77E-05 | 2.10E-07                         | 8.42E-06          | 8.01E-06         | 6.18E-06          | 0.00E+00                |
| California                                                                              | Solano             | 06095 | U                    | 1.55E-04                                                               | 1.99E-04 | 2.86E-04 | 4.47E-04 | 4.24E-04 | 5.26E-04 | 6.00E-04 | 7.13E-04 | 1.78E-05                         | 2.90E-04          | 3.83E-05         | 7.80E-05          | 0.00E+00                |
| California                                                                              | Sonoma             | 06097 | U                    | 1.52E-04                                                               | 1.74E-04 | 2.54E-04 | 2.98E-04 | 3.60E-04 | 4.21E-04 | 5.60E-04 | 8.87E-04 | 7.74E-07                         | 3.30E-04          | 2.84E-05         | 1.73E-07          | 0.00E+00                |
| California                                                                              | Stanislaus         | 06099 | U                    | 1.48E-04                                                               | 2.27E-04 | 3.60E-04 | 5.78E-04 | 6.77E-04 | 7.85E-04 | 1.49E-03 | 1.57E-03 | 1.69E-04                         | 2.80E-04          | 2.02E-05         | 2.08E-04          | 0.00E+00                |
| California                                                                              | Sutter             | 06101 | R                    | 5.15E-05                                                               | 7.06E-05 | 2.11E-04 | 7.23E-04 | 5.62E-04 | 8.24E-04 | 9.36E-04 | 9.87E-04 | 4.53E-07                         | 2.21E-04          | 1.41E-05         | 3.27E-04          | 0.00E+00                |
| California                                                                              | Tehama             | 06103 | R                    | 2.11E-05                                                               | 6.02E-05 | 6.57E-05 | 2.81E-04 | 2.60E-04 | 3.98E-04 | 4.99E-04 | 5.25E-04 | 2.84E-08                         | 9.98E-05          | 3.11E-05         | 1.29E-04          | 0.00E+00                |
| California                                                                              | Trinity            | 06105 | R                    | 2.74E-06                                                               | 2.74E-06 | 3.15E-06 | 4.54E-06 | 5.20E-06 | 7.25E-06 | 8.98E-06 | 8.98E-06 | 0.00E+00                         | 3.10E-06          | 2.10E-06         | 4.03E-11          | 0.00E+00                |
| California                                                                              | Tulare             | 06107 | U                    | 5.48E-05                                                               | 8.62E-05 | 1.67E-04 | 3.31E-04 | 4.60E-04 | 6.27E-04 | 1.03E-03 | 1.48E-03 | 2.72E-07                         | 4.24E-04          | 1.42E-05         | 2.12E-05          | 0.00E+00                |
| California                                                                              | Tuolumne           | 06109 | R                    | 1.29E-04                                                               | 1.38E-04 | 1.47E-04 | 2.62E-04 | 2.40E-04 | 3.11E-04 | 3.39E-04 | 3.55E-04 | 1.60E-07                         | 1.87E-04          | 5.26E-05         | 7.05E-10          | 0.00E+00                |
| California                                                                              | Ventura            | 06111 | U                    | 2.76E-04                                                               | 3.35E-04 | 4.64E-04 | 6.95E-04 | 1.26E-03 | 2.00E-03 | 2.59E-03 | 3.41E-03 | 3.25E-05                         | 4.74E-04          | 8.32E-05         | 6.68E-04          | 0.00E+00                |
| California                                                                              | Yolo               | 06113 | U                    | 3.03E-04                                                               | 4.21E-04 | 5.59E-04 | 8.12E-04 | 1.08E-03 | 1.15E-03 | 2.45E-03 | 2.96E-03 | 3.13E-06                         | 3.80E-04          | 3.46E-05         | 6.65E-04          | 0.00E+00                |
| California                                                                              | Yuba               | 06115 | R                    | 3.64E-05                                                               | 6.40E-05 | 2.33E-04 | 5.27E-04 | 4.18E-04 | 6.28E-04 | 6.76E-04 | 7.17E-04 | 2.19E-07                         | 2.16E-04          | 1.96E-05         | 1.82E-04          | 0.00E+00                |
| Colorado                                                                                | Statewide          | N/A   | N/A                  | 7.95E-06                                                               | 3.78E-05 | 2.51E-04 | 1.86E-03 | 2.49E-03 | 3.76E-03 | 4.91E-03 | 6.12E-03 | 5.43E-05                         | 1.17E-03          | 3.43E-05         | 1.23E-03          | 0.00E+00                |
| Colorado                                                                                | All Urban Counties | N/A   | U                    | 7.33E-05                                                               | 1.75E-04 | 5.45E-04 | 2.38E-03 | 2.92E-03 | 4.05E-03 | 5.16E-03 | 6.32E-03 | 6.47E-05                         | 1.38E-03          | 3.94E-05         | 1.44E-03          | 0.00E+00                |
| Colorado                                                                                | All Rural Counties | N/A   | R                    | 1.08E-06                                                               | 1.63E-06 | 1.02E-05 | 7.68E-05 | 3.79E-04 | 2.29E-04 | 8.08E-04 | 1.37E-03 | 3.94E-06                         | 1.61E-04          | 9.54E-06         | 2.04E-04          | 0.00E+00                |

| Estimated Annual Average Ambient Concentrations ( $\mu\text{g}/\text{m}^3$ ) for Lead Compounds |             |       |                      |                                                                        |          |          |          |          |          |          |          |                                  |                   |                  |                   |                         |
|-------------------------------------------------------------------------------------------------|-------------|-------|----------------------|------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------------------------------|-------------------|------------------|-------------------|-------------------------|
| State                                                                                           | County      | FIPS  | Urban<br>or<br>Rural | Percentile Distribution of Ambient Concentrations Across Census Tracts |          |          |          |          |          |          |          | Contribution to Average from ... |                   |                  |                   |                         |
|                                                                                                 |             |       |                      | 5th                                                                    | 10th     | 25th     | Median   | Average  | 75th     | 90th     | 95th     | Major                            | Area and<br>Other | Onroad<br>Mobile | Nonroad<br>Mobile | Estimated<br>Background |
| Colorado                                                                                        | Adams       | 08001 | U                    | 2.11E-03                                                               | 2.32E-03 | 2.67E-03 | 3.11E-03 | 5.55E-03 | 4.22E-03 | 9.25E-03 | 1.58E-02 | 9.55E-05                         | 1.42E-03          | 3.47E-05         | 4.00E-03          | 0.00E+00                |
| Colorado                                                                                        | Alamosa     | 08003 | U                    | 8.02E-05                                                               | 8.02E-05 | 3.53E-04 | 6.52E-04 | 7.10E-04 | 1.07E-03 | 1.46E-03 | 1.46E-03 | 0.00E+00                         | 1.05E-04          | 2.88E-05         | 5.76E-04          | 0.00E+00                |
| Colorado                                                                                        | Arapahoe    | 08005 | U                    | 3.36E-03                                                               | 3.53E-03 | 4.03E-03 | 4.42E-03 | 4.83E-03 | 5.24E-03 | 6.29E-03 | 7.29E-03 | 7.84E-05                         | 1.63E-03          | 5.41E-05         | 3.07E-03          | 0.00E+00                |
| Colorado                                                                                        | Archuleta   | 08007 | R                    | 2.88E-06                                                               | 2.88E-06 | 2.88E-06 | 1.70E-05 | 4.63E-05 | 1.19E-04 | 1.19E-04 | 1.19E-04 | 0.00E+00                         | 5.26E-06          | 3.19E-06         | 3.78E-05          | 0.00E+00                |
| Colorado                                                                                        | Baca        | 08009 | R                    | 5.21E-07                                                               | 5.21E-07 | 1.36E-06 | 3.55E-06 | 3.56E-06 | 5.77E-06 | 6.62E-06 | 6.62E-06 | 0.00E+00                         | 3.15E-06          | 4.07E-07         | 0.00E+00          | 0.00E+00                |
| Colorado                                                                                        | Bent        | 08011 | U                    | 1.95E-05                                                               | 1.95E-05 | 1.95E-05 | 2.07E-05 | 2.07E-05 | 2.18E-05 | 2.18E-05 | 2.18E-05 | 0.00E+00                         | 8.87E-06          | 1.70E-06         | 1.01E-05          | 0.00E+00                |
| Colorado                                                                                        | Boulder     | 08013 | U                    | 1.74E-04                                                               | 2.33E-04 | 5.69E-04 | 8.72E-04 | 9.98E-04 | 1.50E-03 | 1.87E-03 | 1.90E-03 | 1.54E-05                         | 6.52E-04          | 2.72E-05         | 3.03E-04          | 0.00E+00                |
| Colorado                                                                                        | Chaffee     | 08015 | R                    | 7.02E-06                                                               | 7.02E-06 | 1.05E-05 | 2.90E-05 | 5.11E-05 | 9.17E-05 | 1.39E-04 | 1.39E-04 | 0.00E+00                         | 3.55E-05          | 1.56E-05         | 0.00E+00          | 0.00E+00                |
| Colorado                                                                                        | Cheyenne    | 08017 | R                    | 9.07E-07                                                               | 9.07E-07 | 9.07E-07 | 9.96E-07 | 9.96E-07 | 1.09E-06 | 1.09E-06 | 1.09E-06 | 0.00E+00                         | 7.43E-07          | 2.53E-07         | 0.00E+00          | 0.00E+00                |
| Colorado                                                                                        | Clear Creek | 08019 | R                    | 3.27E-05                                                               | 3.27E-05 | 3.27E-05 | 1.17E-04 | 9.58E-05 | 1.38E-04 | 1.38E-04 | 1.38E-04 | 3.60E-06                         | 8.06E-05          | 1.16E-05         | 0.00E+00          | 0.00E+00                |
| Colorado                                                                                        | Conejos     | 08021 | R                    | 9.76E-06                                                               | 9.76E-06 | 1.01E-05 | 1.66E-05 | 1.70E-05 | 2.40E-05 | 2.52E-05 | 2.52E-05 | 0.00E+00                         | 3.47E-06          | 3.99E-06         | 9.58E-06          | 0.00E+00                |
| Colorado                                                                                        | Costilla    | 08023 | R                    | 7.95E-06                                                               | 7.95E-06 | 7.95E-06 | 1.75E-05 | 1.75E-05 | 2.70E-05 | 2.70E-05 | 2.70E-05 | 0.00E+00                         | 3.57E-06          | 1.14E-06         | 1.27E-05          | 0.00E+00                |
| Colorado                                                                                        | Crowley     | 08025 | R                    | 4.64E-05                                                               | 4.64E-05 | 4.64E-05 | 4.64E-05 | 4.64E-05 | 4.64E-05 | 4.64E-05 | 4.64E-05 | 0.00E+00                         | 4.31E-05          | 3.25E-06         | 0.00E+00          | 0.00E+00                |
| Colorado                                                                                        | Custer      | 08027 | R                    | 2.91E-05                                                               | 2.91E-05 | 2.91E-05 | 2.91E-05 | 2.91E-05 | 2.91E-05 | 2.91E-05 | 2.91E-05 | 3.32E-06                         | 2.32E-05          | 2.51E-06         | 0.00E+00          | 0.00E+00                |
| Colorado                                                                                        | Delta       | 08029 | R                    | 1.79E-05                                                               | 1.79E-05 | 2.11E-05 | 2.18E-05 | 3.13E-05 | 4.51E-05 | 5.09E-05 | 5.09E-05 | 0.00E+00                         | 1.12E-05          | 8.18E-06         | 1.20E-05          | 0.00E+00                |
| Colorado                                                                                        | Denver      | 08031 | U                    | 2.33E-03                                                               | 2.42E-03 | 3.13E-03 | 4.06E-03 | 5.08E-03 | 4.60E-03 | 6.27E-03 | 9.22E-03 | 1.48E-04                         | 3.04E-03          | 6.67E-05         | 1.83E-03          | 0.00E+00                |
| Colorado                                                                                        | Dolores     | 08033 | R                    | 8.17E-07                                                               | 8.17E-07 | 8.17E-07 | 8.17E-07 | 8.17E-07 | 8.17E-07 | 8.17E-07 | 8.17E-07 | 0.00E+00                         | 4.03E-07          | 4.14E-07         | 0.00E+00          | 0.00E+00                |
| Colorado                                                                                        | Douglas     | 08035 | U                    | 6.53E-05                                                               | 1.04E-04 | 5.20E-04 | 2.46E-03 | 2.02E-03 | 3.15E-03 | 4.31E-03 | 5.17E-03 | 3.01E-05                         | 5.52E-04          | 2.36E-05         | 1.42E-03          | 0.00E+00                |
| Colorado                                                                                        | Eagle       | 08037 | R                    | 8.26E-05                                                               | 8.26E-05 | 1.08E-04 | 1.50E-04 | 1.88E-04 | 3.05E-04 | 3.58E-04 | 3.58E-04 | 0.00E+00                         | 1.18E-04          | 1.33E-05         | 5.65E-05          | 0.00E+00                |
| Colorado                                                                                        | Elbert      | 08039 | R                    | 2.77E-06                                                               | 2.77E-06 | 2.77E-06 | 4.44E-05 | 4.44E-05 | 8.60E-05 | 8.60E-05 | 8.60E-05 | 0.00E+00                         | 4.05E-05          | 3.90E-06         | 0.00E+00          | 0.00E+00                |
| Colorado                                                                                        | El Paso     | 08041 | U                    | 1.52E-04                                                               | 2.68E-04 | 4.62E-04 | 6.74E-04 | 9.17E-04 | 1.10E-03 | 1.62E-03 | 1.89E-03 | 1.57E-05                         | 3.10E-04          | 2.61E-05         | 5.66E-04          | 0.00E+00                |
| Colorado                                                                                        | Fremont     | 08043 | R                    | 1.86E-05                                                               | 6.81E-05 | 1.54E-04 | 2.90E-04 | 1.53E-03 | 1.26E-03 | 6.20E-03 | 7.74E-03 | 6.05E-05                         | 1.43E-03          | 3.23E-05         | 7.20E-06          | 0.00E+00                |
| Colorado                                                                                        | Garfield    | 08045 | R                    | 1.93E-05                                                               | 1.93E-05 | 3.49E-05 | 4.33E-05 | 8.63E-05 | 1.73E-04 | 2.04E-04 | 2.04E-04 | 0.00E+00                         | 3.79E-05          | 1.37E-05         | 3.48E-05          | 0.00E+00                |
| Colorado                                                                                        | Gilpin      | 08047 | R                    | 1.57E-04                                                               | 1.57E-04 | 1.57E-04 | 1.57E-04 | 1.57E-04 | 1.57E-04 | 1.57E-04 | 1.57E-04 | 8.98E-06                         | 1.39E-04          | 9.73E-06         | 0.00E+00          | 0.00E+00                |
| Colorado                                                                                        | Grand       | 08049 | R                    | 3.58E-06                                                               | 3.58E-06 | 1.15E-05 | 1.38E-05 | 1.49E-05 | 2.22E-05 | 2.44E-05 | 2.44E-05 | 0.00E+00                         | 1.05E-05          | 4.37E-06         | 0.00E+00          | 0.00E+00                |
| Colorado                                                                                        | Gunnison    | 08051 | R                    | 7.16E-05                                                               | 7.16E-05 | 1.14E-04 | 1.68E-04 | 2.89E-03 | 5.67E-03 | 1.12E-02 | 1.12E-02 | 0.00E+00                         | 2.85E-05          | 7.20E-06         | 2.86E-03          | 0.00E+00                |
| Colorado                                                                                        | Hinsdale    | 08053 | R                    | 4.00E-07                                                               | 4.00E-07 | 4.00E-07 | 4.00E-07 | 4.00E-07 | 4.00E-07 | 4.00E-07 | 4.00E-07 | 0.00E+00                         | 1.17E-07          | 2.83E-07         | 0.00E+00          | 0.00E+00                |
| Colorado                                                                                        | Huerfano    | 08055 | U                    | 2.43E-06                                                               | 2.43E-06 | 2.43E-06 | 2.44E-06 | 2.84E-06 | 3.64E-06 | 3.64E-06 | 3.64E-06 | 0.00E+00                         | 1.75E-06          | 1.08E-06         | 0.00E+00          | 0.00E+00                |
| Colorado                                                                                        | Jackson     | 08057 | R                    | 1.27E-06                                                               | 1.27E-06 | 1.27E-06 | 1.27E-06 | 1.27E-06 | 1.27E-06 | 1.27E-06 | 1.27E-06 | 0.00E+00                         | 1.10E-06          | 1.70E-07         | 0.00E+00          | 0.00E+00                |
| Colorado                                                                                        | Jefferson   | 08059 | U                    | 4.12E-04                                                               | 1.38E-03 | 2.05E-03 | 2.35E-03 | 2.36E-03 | 2.62E-03 | 3.02E-03 | 3.44E-03 | 3.91E-05                         | 1.53E-03          | 4.81E-05         | 7.48E-04          | 0.00E+00                |
| Colorado                                                                                        | Kiowa       | 08061 | R                    | 6.55E-06                                                               | 6.55E-06 | 6.55E-06 | 6.55E-06 | 6.55E-06 | 6.55E-06 | 6.55E-06 | 6.55E-06 | 0.00E+00                         | 1.74E-06          | 3.77E-07         | 4.43E-06          | 0.00E+00                |
| Colorado                                                                                        | Kit Carson  | 08063 | R                    | 9.82E-07                                                               | 9.82E-07 | 9.82E-07 | 1.24E-06 | 2.05E-06 | 3.93E-06 | 3.93E-06 | 3.93E-06 | 0.00E+00                         | 9.90E-07          | 5.78E-07         | 4.82E-07          | 0.00E+00                |
| Colorado                                                                                        | Lake        | 08065 | R                    | 3.92E-04                                                               | 3.92E-04 | 3.92E-04 | 1.43E-03 | 1.36E-03 | 2.24E-03 | 2.24E-03 | 2.24E-03 | 0.00E+00                         | 1.33E-03          | 1.01E-05         | 1.61E-05          | 0.00E+00                |
| Colorado                                                                                        | La Plata    | 08067 | R                    | 6.49E-05                                                               | 6.49E-05 | 1.20E-04 | 2.11E-04 | 3.60E-04 | 3.92E-04 | 1.37E-03 | 1.37E-03 | 0.00E+00                         | 4.49E-05          | 2.20E-05         | 2.93E-04          | 0.00E+00                |
| Colorado                                                                                        | Larimer     | 08069 | U                    | 3.90E-05                                                               | 7.33E-05 | 1.20E-04 | 1.81E-04 | 2.04E-04 | 2.36E-04 | 3.28E-04 | 3.37E-04 | 7.98E-07                         | 1.38E-04          | 7.44E-06         | 5.75E-05          | 0.00E+00                |
| Colorado                                                                                        | Las Animas  | 08071 | U                    | 1.04E-06                                                               | 1.04E-06 | 1.09E-06 | 5.59E-06 | 3.63E-05 | 3.45E-05 | 1.70E-04 | 1.70E-04 | 0.00E+00                         | 3.21E-05          | 4.27E-06         | 0.00E+00          | 0.00E+00                |
| Colorado                                                                                        | Lincoln     | 08073 | R                    | 4.37E-07                                                               | 4.37E-07 | 7.14E-07 | 1.14E-06 | 1.51E-06 | 2.31E-06 | 3.33E-06 | 3.33E-06 | 0.00E+00                         | 1.01E-06          | 5.04E-07         | 0.00E+00          | 0.00E+00                |
| Colorado                                                                                        | Logan       | 08075 | U                    | 3.66E-06                                                               | 3.66E-06 | 6.84E-06 | 2.06E-05 | 2.65E-05 | 5.39E-05 | 5.54E-05 | 5.54E-05 | 2.33E-07                         | 1.63E-05          | 6.82E-06         | 3.12E-06          | 0.00E+00                |
| Colorado                                                                                        | Mesa        | 08077 | R                    | 1.05E-04                                                               | 1.92E-04 | 4.13E-04 | 5.53E-04 | 7.93E-04 | 8.48E-04 | 1.12E-03 | 1.66E-03 | 0.00E+00                         | 1.78E-04          | 8.62E-06         | 6.06E-04          | 0.00E+00                |
| Colorado                                                                                        | Mineral     | 08079 | R                    | 1.08E-06                                                               | 1.08E-06 | 1.08E-06 | 1.08E-06 | 1.08E-06 | 1.08E-06 | 1.08E-06 | 1.08E-06 | 0.00E+00                         | 6.66E-07          | 4.17E-07         | 0.00E+00          | 0.00E+00                |
| Colorado                                                                                        | Moffat      | 08081 | U                    | 9.71E-07                                                               | 9.71E-07 | 1.16E-04 | 2.41E-04 | 1.90E-04 | 2.64E-04 | 2.77E-04 | 2.77E-04 | 5.35E-07                         | 6.94E-05          | 7.96E-06         | 1.12E-04          | 0.00E+00                |
| Colorado                                                                                        | Montezuma   | 08083 | R                    | 2.58E-05                                                               | 2.58E-05 | 4.25E-05 | 1.62E-04 | 1.64E-04 | 2.29E-04 | 3.64E-04 | 3.64E-04 | 3.18E-07                         | 3.80E-05          | 1.03E-05         | 1.16E-04          | 0.00E+00                |
| Colorado                                                                                        | Montrose    | 08085 | R                    | 7.89E-06                                                               | 7.89E-06 | 8.98E-05 | 1.65E-04 | 3.74E-04 | 5.24E-04 | 1.29E-03 | 1.29E-03 | 0.00E+00                         | 8.45E-05          | 1.89E-05         | 2.70E-04          | 0.00E+00                |
| Colorado                                                                                        | Morgan      | 08087 | U                    | 9.22E-06                                                               | 9.22E-06 | 3.51E-05 | 6.15E-05 | 2.09E-04 | 3.38E-04 | 7.94E-04 | 7.94E-04 | 1.44E-04                         | 4.97E-05          | 1.47E-05         | 2.29E-07          | 0.00E+00                |
| Colorado                                                                                        | Otero       | 08089 | U                    | 1.55E-05                                                               | 1.55E-05 | 3.27E-05 | 6.15E-05 | 7.90E-05 | 9.39E-05 | 2.51E-04 | 2.51E-04 | 0.00E+00                         | 6.68E-05          | 1.19E-05         | 2.67E-07          | 0.00E+00                |
| Colorado                                                                                        | Ouray       | 08091 | R                    | 1.36E-05                                                               | 1.36E-05 | 1.36E-05 | 1.36E-05 | 1.36E-05 | 1.36E-05 | 1.36E-05 | 1.36E-05 | 0.00E+00                         | 6.29E-07          | 1.11E-06         | 1.19E-05          | 0.00E+00                |
| Colorado                                                                                        | Park        | 08093 | R                    | 6.53E-06                                                               | 6.53E-06 | 6.53E-06 | 6.58E-05 | 6.68E-05 | 1.28E-04 | 1.28E-04 | 1.28E-04 | 0.00E+00                         | 6.36E-05          | 3.22E-06         | 0.00E+00          | 0.00E+00                |
| Colorado                                                                                        | Phillips    | 08095 | R                    | 1.45E-06                                                               | 1.45E-06 | 1.45E-06 | 1.84E-06 | 1.84E-06 | 2.23E-06 | 2.23E-06 | 2.23E-06 | 0.00E+00                         | 9.27E-07          | 9.14E-07         | 0.00E+00          | 0.00E+00                |
| Colorado                                                                                        | Pitkin      | 08097 | R                    | 2.97E-04                                                               | 2.97E-04 | 4.04E-04 | 5.91E-04 | 8.35E-04 | 9.30E-04 | 1.95E-03 | 1.95E-03 | 0.00E+00                         | 8.89E-05          | 1.54E-05         | 7.31E-04          | 0.00E+00                |
| Colorado                                                                                        | Prowers     | 08099 | U                    | 8.16E-06                                                               | 8.16E-06 | 1.07E-05 | 2.68E-05 | 6.83E-05 | 1.58E-04 | 1.79E-04 | 1.79E-04 | 0.00E+00                         | 1.61E-05          | 5.05E-06         | 4.71E-05          | 0.00E+00                |

| Estimated Annual Average Ambient Concentrations (µg/m <sup>3</sup> ) for Lead Compounds |                      |       |                      |                                                                        |          |          |          |          |          |          |          |                                  |                   |                  |                   |                         |
|-----------------------------------------------------------------------------------------|----------------------|-------|----------------------|------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------------------------------|-------------------|------------------|-------------------|-------------------------|
| State                                                                                   | County               | FIPS  | Urban<br>or<br>Rural | Percentile Distribution of Ambient Concentrations Across Census Tracts |          |          |          |          |          |          |          | Contribution to Average from ... |                   |                  |                   |                         |
|                                                                                         |                      |       |                      | 5th                                                                    | 10th     | 25th     | Median   | Average  | 75th     | 90th     | 95th     | Major                            | Area and<br>Other | Onroad<br>Mobile | Nonroad<br>Mobile | Estimated<br>Background |
| Colorado                                                                                | Pueblo               | 08101 | U                    | 1.59E-04                                                               | 2.27E-04 | 3.26E-04 | 4.43E-04 | 4.59E-04 | 5.45E-04 | 7.16E-04 | 7.86E-04 | 8.26E-06                         | 4.16E-04          | 1.36E-05         | 2.07E-05          | 0.00E+00                |
| Colorado                                                                                | Rio Blanco           | 08103 | R                    | 1.66E-06                                                               | 1.66E-06 | 1.66E-06 | 2.35E-06 | 2.35E-06 | 3.04E-06 | 3.04E-06 | 3.04E-06 | 4.94E-07                         | 1.07E-06          | 7.86E-07         | 0.00E+00          | 0.00E+00                |
| Colorado                                                                                | Rio Grande           | 08105 | R                    | 1.02E-05                                                               | 1.02E-05 | 7.59E-05 | 8.18E-05 | 1.09E-04 | 9.07E-05 | 2.86E-04 | 2.86E-04 | 0.00E+00                         | 9.03E-05          | 6.24E-06         | 1.23E-05          | 0.00E+00                |
| Colorado                                                                                | Routt                | 08107 | R                    | 7.54E-06                                                               | 7.54E-06 | 1.66E-05 | 6.24E-05 | 7.87E-05 | 1.02E-04 | 2.21E-04 | 2.21E-04 | 1.20E-07                         | 2.61E-05          | 4.73E-06         | 4.77E-05          | 0.00E+00                |
| Colorado                                                                                | Saguache             | 08109 | R                    | 4.25E-06                                                               | 4.25E-06 | 4.25E-06 | 2.33E-05 | 2.33E-05 | 4.24E-05 | 4.24E-05 | 4.24E-05 | 0.00E+00                         | 1.16E-05          | 2.82E-06         | 8.97E-06          | 0.00E+00                |
| Colorado                                                                                | San Juan             | 08111 | R                    | 1.06E-05                                                               | 1.06E-05 | 1.06E-05 | 1.06E-05 | 1.06E-05 | 1.06E-05 | 1.06E-05 | 1.06E-05 | 0.00E+00                         | 1.93E-07          | 3.73E-07         | 9.99E-06          | 0.00E+00                |
| Colorado                                                                                | San Miguel           | 08113 | R                    | 8.83E-06                                                               | 8.83E-06 | 8.83E-06 | 5.30E-05 | 5.30E-05 | 9.71E-05 | 9.71E-05 | 9.71E-05 | 0.00E+00                         | 2.46E-06          | 1.83E-06         | 4.87E-05          | 0.00E+00                |
| Colorado                                                                                | Sedgwick             | 08115 | R                    | 1.30E-06                                                               | 1.30E-06 | 1.30E-06 | 3.31E-06 | 3.31E-06 | 5.31E-06 | 5.31E-06 | 5.31E-06 | 0.00E+00                         | 2.07E-06          | 1.24E-06         | 0.00E+00          | 0.00E+00                |
| Colorado                                                                                | Summit               | 08117 | R                    | 6.13E-05                                                               | 6.13E-05 | 6.15E-05 | 6.38E-05 | 6.91E-05 | 7.68E-05 | 8.23E-05 | 8.23E-05 | 0.00E+00                         | 5.35E-05          | 1.57E-05         | 0.00E+00          | 0.00E+00                |
| Colorado                                                                                | Teller               | 08119 | R                    | 8.52E-05                                                               | 8.52E-05 | 8.52E-05 | 1.32E-04 | 1.24E-04 | 1.55E-04 | 1.55E-04 | 1.55E-04 | 8.06E-06                         | 5.46E-05          | 1.15E-05         | 4.98E-05          | 0.00E+00                |
| Colorado                                                                                | Washington           | 08121 | R                    | 9.37E-07                                                               | 9.37E-07 | 1.01E-06 | 3.98E-06 | 5.34E-06 | 9.67E-06 | 1.25E-05 | 1.25E-05 | 5.79E-07                         | 1.71E-06          | 6.44E-07         | 2.40E-06          | 0.00E+00                |
| Colorado                                                                                | Weld                 | 08123 | U                    | 8.21E-05                                                               | 1.00E-04 | 1.55E-04 | 2.30E-04 | 4.14E-04 | 3.30E-04 | 8.67E-04 | 1.76E-03 | 2.73E-05                         | 1.33E-04          | 4.93E-06         | 2.48E-04          | 0.00E+00                |
| Colorado                                                                                | Yuma                 | 08125 | R                    | 1.63E-06                                                               | 1.63E-06 | 1.63E-06 | 2.47E-06 | 2.44E-06 | 3.22E-06 | 3.22E-06 | 3.22E-06 | 0.00E+00                         | 1.43E-06          | 6.52E-07         | 3.54E-07          | 0.00E+00                |
| Connecticut                                                                             | Statewide            | N/A   | N/A                  | 3.35E-04                                                               | 4.31E-04 | 8.12E-04 | 1.22E-03 | 1.70E-03 | 1.89E-03 | 3.11E-03 | 4.36E-03 | 2.84E-05                         | 8.64E-04          | 7.05E-05         | 7.40E-04          | 0.00E+00                |
| Connecticut                                                                             | All Urban Counties   | N/A   | U                    | 3.35E-04                                                               | 4.31E-04 | 8.12E-04 | 1.22E-03 | 1.70E-03 | 1.89E-03 | 3.11E-03 | 4.36E-03 | 2.84E-05                         | 8.64E-04          | 7.05E-05         | 7.40E-04          | 0.00E+00                |
| Connecticut                                                                             | Fairfield            | 09001 | U                    | 7.77E-04                                                               | 8.89E-04 | 1.22E-03 | 1.59E-03 | 2.54E-03 | 2.64E-03 | 5.13E-03 | 7.60E-03 | 9.59E-05                         | 1.15E-03          | 9.05E-05         | 1.20E-03          | 0.00E+00                |
| Connecticut                                                                             | Hartford             | 09003 | U                    | 9.06E-04                                                               | 1.04E-03 | 1.41E-03 | 1.94E-03 | 2.40E-03 | 2.75E-03 | 3.53E-03 | 4.61E-03 | 4.53E-06                         | 9.42E-04          | 7.52E-05         | 1.38E-03          | 0.00E+00                |
| Connecticut                                                                             | Litchfield           | 09005 | U                    | 1.78E-04                                                               | 2.18E-04 | 2.69E-04 | 3.45E-04 | 3.68E-04 | 4.39E-04 | 5.62E-04 | 6.28E-04 | 6.90E-06                         | 2.92E-04          | 3.05E-05         | 3.88E-05          | 0.00E+00                |
| Connecticut                                                                             | Middlesex            | 09007 | U                    | 3.39E-04                                                               | 4.20E-04 | 4.52E-04 | 1.11E-03 | 1.00E-03 | 1.36E-03 | 1.55E-03 | 1.96E-03 | 3.71E-06                         | 6.06E-04          | 4.90E-05         | 3.42E-04          | 0.00E+00                |
| Connecticut                                                                             | New Haven            | 09009 | U                    | 6.58E-04                                                               | 7.31E-04 | 8.20E-04 | 9.64E-04 | 1.04E-03 | 1.17E-03 | 1.49E-03 | 1.61E-03 | 7.85E-06                         | 8.60E-04          | 8.15E-05         | 8.61E-05          | 0.00E+00                |
| Connecticut                                                                             | New London           | 09011 | U                    | 3.06E-04                                                               | 3.46E-04 | 4.20E-04 | 6.61E-04 | 8.10E-04 | 1.05E-03 | 1.71E-03 | 2.04E-03 | 1.90E-06                         | 7.47E-04          | 2.97E-05         | 3.14E-05          | 0.00E+00                |
| Connecticut                                                                             | Tolland              | 09013 | U                    | 4.89E-04                                                               | 5.02E-04 | 5.67E-04 | 8.00E-04 | 8.06E-04 | 1.01E-03 | 1.18E-03 | 1.20E-03 | 2.37E-06                         | 3.29E-04          | 3.63E-05         | 4.38E-04          | 0.00E+00                |
| Connecticut                                                                             | Windham              | 09015 | U                    | 2.20E-04                                                               | 2.21E-04 | 2.97E-04 | 3.70E-04 | 3.89E-04 | 4.32E-04 | 5.34E-04 | 6.59E-04 | 5.38E-06                         | 2.44E-04          | 3.88E-05         | 1.01E-04          | 0.00E+00                |
| Delaware                                                                                | Statewide            | N/A   | N/A                  | 7.08E-05                                                               | 1.05E-04 | 2.64E-04 | 2.87E-03 | 2.69E-03 | 4.24E-03 | 5.23E-03 | 6.06E-03 | 2.76E-04                         | 1.27E-03          | 4.72E-05         | 1.11E-03          | 0.00E+00                |
| Delaware                                                                                | All Urban Counties   | N/A   | U                    | 1.13E-03                                                               | 2.07E-03 | 2.85E-03 | 3.68E-03 | 3.85E-03 | 4.80E-03 | 5.50E-03 | 6.14E-03 | 3.90E-04                         | 1.81E-03          | 5.73E-05         | 1.59E-03          | 0.00E+00                |
| Delaware                                                                                | All Rural Counties   | N/A   | R                    | 5.02E-05                                                               | 5.77E-05 | 8.78E-05 | 1.48E-04 | 1.81E-04 | 2.58E-04 | 3.15E-04 | 3.47E-04 | 2.62E-05                         | 8.45E-05          | 2.53E-05         | 4.46E-05          | 0.00E+00                |
| Delaware                                                                                | Kent                 | 10001 | R                    | 4.68E-05                                                               | 5.54E-05 | 7.16E-05 | 1.22E-04 | 1.47E-04 | 2.03E-04 | 2.64E-04 | 3.02E-04 | 3.67E-05                         | 9.61E-05          | 1.39E-05         | 7.41E-07          | 0.00E+00                |
| Delaware                                                                                | New Castle           | 10003 | U                    | 1.13E-03                                                               | 2.07E-03 | 2.85E-03 | 3.68E-03 | 3.85E-03 | 4.80E-03 | 5.50E-03 | 6.14E-03 | 3.90E-04                         | 1.81E-03          | 5.73E-05         | 1.59E-03          | 0.00E+00                |
| Delaware                                                                                | Sussex               | 10005 | R                    | 7.08E-05                                                               | 8.12E-05 | 1.17E-04 | 2.00E-04 | 2.24E-04 | 3.01E-04 | 3.47E-04 | 5.27E-04 | 1.27E-05                         | 6.96E-05          | 4.00E-05         | 1.01E-04          | 0.00E+00                |
| Washington DC                                                                           | Statewide            | N/A   | N/A                  | 3.56E-03                                                               | 3.77E-03 | 4.60E-03 | 6.34E-03 | 7.36E-03 | 9.14E-03 | 1.17E-02 | 1.39E-02 | 2.13E-04                         | 3.36E-03          | 1.14E-04         | 3.67E-03          | 0.00E+00                |
| Washington DC                                                                           | All Urban Counties   | N/A   | U                    | 3.56E-03                                                               | 3.77E-03 | 4.60E-03 | 6.34E-03 | 7.36E-03 | 9.14E-03 | 1.17E-02 | 1.39E-02 | 2.13E-04                         | 3.36E-03          | 1.14E-04         | 3.67E-03          | 0.00E+00                |
| Washington DC                                                                           | District of Columbia | 11001 | U                    | 3.56E-03                                                               | 3.77E-03 | 4.60E-03 | 6.34E-03 | 7.36E-03 | 9.14E-03 | 1.17E-02 | 1.39E-02 | 2.13E-04                         | 3.36E-03          | 1.14E-04         | 3.67E-03          | 0.00E+00                |
| Florida                                                                                 | Statewide            | N/A   | N/A                  | 9.03E-05                                                               | 1.60E-04 | 5.51E-04 | 1.66E-03 | 3.14E-03 | 3.86E-03 | 7.76E-03 | 1.01E-02 | 9.20E-04                         | 6.77E-04          | 4.97E-05         | 1.50E-03          | 0.00E+00                |
| Florida                                                                                 | All Urban Counties   | N/A   | U                    | 1.89E-04                                                               | 3.19E-04 | 8.98E-04 | 2.00E-03 | 3.52E-03 | 4.38E-03 | 8.12E-03 | 1.05E-02 | 1.06E-03                         | 6.73E-04          | 5.41E-05         | 1.73E-03          | 0.00E+00                |
| Florida                                                                                 | All Rural Counties   | N/A   | R                    | 2.81E-05                                                               | 3.68E-05 | 7.20E-05 | 1.62E-04 | 8.76E-04 | 4.62E-04 | 1.73E-03 | 3.90E-03 | 7.32E-05                         | 6.95E-04          | 2.32E-05         | 8.43E-05          | 0.00E+00                |
| Florida                                                                                 | Alachua              | 12001 | U                    | 4.95E-05                                                               | 1.05E-04 | 2.00E-04 | 2.80E-04 | 3.48E-04 | 4.12E-04 | 7.33E-04 | 7.97E-04 | 7.75E-05                         | 1.72E-04          | 2.16E-05         | 7.72E-05          | 0.00E+00                |
| Florida                                                                                 | Baker                | 12003 | R                    | 9.08E-05                                                               | 9.08E-05 | 9.08E-05 | 1.36E-04 | 1.36E-04 | 1.82E-04 | 1.82E-04 | 1.82E-04 | 0.00E+00                         | 1.00E-04          | 1.65E-05         | 1.94E-05          | 0.00E+00                |
| Florida                                                                                 | Bay                  | 12005 | U                    | 3.67E-04                                                               | 4.32E-04 | 8.85E-04 | 1.65E-03 | 1.59E-03 | 1.88E-03 | 3.32E-03 | 3.33E-03 | 1.16E-03                         | 1.14E-04          | 2.32E-05         | 2.85E-04          | 0.00E+00                |
| Florida                                                                                 | Bradford             | 12007 | R                    | 9.91E-05                                                               | 9.91E-05 | 1.47E-04 | 1.97E-04 | 2.13E-04 | 2.78E-04 | 3.58E-04 | 3.58E-04 | 2.96E-05                         | 1.65E-04          | 1.19E-05         | 5.87E-06          | 0.00E+00                |
| Florida                                                                                 | Brevard              | 12009 | U                    | 1.87E-04                                                               | 2.18E-04 | 3.06E-04 | 5.32E-04 | 7.57E-04 | 8.07E-04 | 1.73E-03 | 2.53E-03 | 0.00E+00                         | 2.80E-04          | 3.67E-05         | 4.41E-04          | 0.00E+00                |
| Florida                                                                                 | Broward              | 12011 | U                    | 5.85E-04                                                               | 6.91E-04 | 1.03E-03 | 1.62E-03 | 2.47E-03 | 2.43E-03 | 3.69E-03 | 5.66E-03 | 1.68E-04                         | 4.69E-04          | 7.43E-05         | 1.76E-03          | 0.00E+00                |
| Florida                                                                                 | Calhoun              | 12013 | R                    | 2.72E-05                                                               | 2.72E-05 | 2.72E-05 | 7.17E-05 | 6.14E-05 | 8.52E-05 | 8.52E-05 | 8.52E-05 | 3.07E-05                         | 2.27E-05          | 7.94E-06         | 8.24E-09          | 0.00E+00                |
| Florida                                                                                 | Charlotte            | 12015 | R                    | 6.90E-05                                                               | 8.18E-05 | 9.66E-05 | 1.38E-04 | 1.45E-04 | 1.83E-04 | 2.41E-04 | 2.46E-04 | 2.38E-08                         | 1.13E-04          | 1.90E-05         | 1.30E-05          | 0.00E+00                |
| Florida                                                                                 | Citrus               | 12017 | R                    | 8.94E-05                                                               | 9.03E-05 | 1.48E-04 | 4.30E-04 | 3.63E-04 | 5.24E-04 | 5.95E-04 | 5.99E-04 | 1.50E-06                         | 3.10E-04          | 5.22E-05         | 0.00E+00          | 0.00E+00                |
| Florida                                                                                 | Clay                 | 12019 | U                    | 4.00E-04                                                               | 4.19E-04 | 7.13E-04 | 1.20E-03 | 1.02E-03 | 1.26E-03 | 1.30E-03 | 1.52E-03 | 6.17E-04                         | 3.14E-04          | 3.17E-05         | 5.93E-05          | 0.00E+00                |
| Florida                                                                                 | Collier              | 12021 | R                    | 3.68E-05                                                               | 4.08E-05 | 1.86E-04 | 3.67E-04 | 3.16E-04 | 4.54E-04 | 5.18E-04 | 5.41E-04 | 3.76E-08                         | 1.04E-04          | 1.25E-05         | 2.00E-04          | 0.00E+00                |
| Florida                                                                                 | Columbia             | 12023 | R                    | 2.08E-05                                                               | 2.08E-05 | 3.93E-05 | 4.40E-05 | 8.76E-05 | 1.09E-04 | 2.98E-04 | 2.98E-04 | 5.56E-07                         | 4.85E-05          | 3.82E-05         | 3.33E-07          | 0.00E+00                |
| Florida                                                                                 | Dade                 | 12025 | U                    | 1.60E-03                                                               | 1.90E-03 | 2.79E-03 | 3.78E-03 | 5.26E-03 | 5.61E-03 | 9.34E-03 | 1.58E-02 | 4.96E-04                         | 7.52E-04          | 8.88E-05         | 3.92E-03          | 0.00E+00                |
| Florida                                                                                 | DeSoto               | 12027 | R                    | 8.47E-05                                                               | 8.47E-05 | 8.69E-05 | 1.57E-04 | 1.64E-04 | 2.42E-04 | 2.59E-04 | 2.59E-04 | 0.00E+00                         | 1.25E-04          | 3.92E-05         | 0.00E+00          | 0.00E+00                |
| Florida                                                                                 | Dixie                | 12029 | R                    | 1.55E-05                                                               | 1.55E-05 | 1.55E-05 | 1.68E-05 | 1.88E-05 | 2.39E-05 | 2.39E-05 | 2.39E-05 | 0.00E+00                         | 9.18E-06          | 9.58E-06         | 0.00E+00          | 0.00E+00                |



| Estimated Annual Average Ambient Concentrations ( $\mu\text{g}/\text{m}^3$ ) for Lead Compounds |              |       |                      |                                                                        |          |          |          |          |          |          |          |                                  |                   |                  |                   |                         |
|-------------------------------------------------------------------------------------------------|--------------|-------|----------------------|------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------------------------------|-------------------|------------------|-------------------|-------------------------|
| State                                                                                           | County       | FIPS  | Urban<br>or<br>Rural | Percentile Distribution of Ambient Concentrations Across Census Tracts |          |          |          |          |          |          |          | Contribution to Average from ... |                   |                  |                   |                         |
|                                                                                                 |              |       |                      | 5th                                                                    | 10th     | 25th     | Median   | Average  | 75th     | 90th     | 95th     | Major                            | Area and<br>Other | Onroad<br>Mobile | Nonroad<br>Mobile | Estimated<br>Background |
| Florida                                                                                         | Duval        | 12031 | U                    | 9.79E-04                                                               | 1.14E-03 | 1.32E-03 | 1.78E-03 | 2.16E-03 | 2.14E-03 | 3.04E-03 | 4.36E-03 | 6.62E-04                         | 9.20E-04          | 6.00E-05         | 5.18E-04          | 0.00E+00                |
| Florida                                                                                         | Escambia     | 12033 | U                    | 3.76E-04                                                               | 5.58E-04 | 1.09E-03 | 1.32E-03 | 1.95E-03 | 2.05E-03 | 3.13E-03 | 4.96E-03 | 4.04E-04                         | 3.37E-04          | 3.76E-05         | 1.17E-03          | 0.00E+00                |
| Florida                                                                                         | Flagler      | 12035 | U                    | 1.17E-04                                                               | 1.17E-04 | 1.17E-04 | 1.83E-04 | 2.19E-04 | 3.55E-04 | 3.55E-04 | 3.55E-04 | 1.12E-04                         | 3.15E-05          | 2.80E-05         | 4.69E-05          | 0.00E+00                |
| Florida                                                                                         | Franklin     | 12037 | R                    | 6.77E-06                                                               | 6.77E-06 | 6.77E-06 | 5.69E-05 | 4.36E-05 | 6.70E-05 | 6.70E-05 | 6.70E-05 | 3.33E-05                         | 6.88E-06          | 3.36E-06         | 1.61E-09          | 0.00E+00                |
| Florida                                                                                         | Gadsden      | 12039 | U                    | 6.76E-05                                                               | 6.76E-05 | 1.45E-04 | 2.44E-04 | 2.18E-04 | 2.67E-04 | 3.78E-04 | 3.78E-04 | 0.00E+00                         | 1.21E-04          | 8.56E-06         | 8.81E-05          | 0.00E+00                |
| Florida                                                                                         | Gilchrist    | 12041 | R                    | 2.60E-05                                                               | 2.60E-05 | 2.60E-05 | 2.77E-05 | 2.77E-05 | 2.95E-05 | 2.95E-05 | 2.95E-05 | 2.78E-06                         | 1.30E-05          | 1.20E-05         | 0.00E+00          | 0.00E+00                |
| Florida                                                                                         | Glades       | 12043 | R                    | 7.36E-06                                                               | 7.36E-06 | 7.36E-06 | 9.38E-06 | 9.38E-06 | 1.14E-05 | 1.14E-05 | 1.14E-05 | 0.00E+00                         | 6.32E-06          | 3.06E-06         | 4.54E-12          | 0.00E+00                |
| Florida                                                                                         | Gulf         | 12045 | R                    | 2.34E-04                                                               | 2.34E-04 | 2.34E-04 | 3.17E-04 | 3.50E-04 | 4.98E-04 | 4.98E-04 | 4.98E-04 | 2.95E-04                         | 4.74E-05          | 6.03E-06         | 1.59E-06          | 0.00E+00                |
| Florida                                                                                         | Hamilton     | 12047 | R                    | 3.14E-05                                                               | 3.14E-05 | 3.14E-05 | 1.15E-04 | 1.51E-04 | 3.05E-04 | 3.05E-04 | 3.05E-04 | 1.15E-04                         | 2.18E-05          | 1.37E-05         | 8.51E-09          | 0.00E+00                |
| Florida                                                                                         | Hardee       | 12049 | R                    | 3.97E-05                                                               | 3.97E-05 | 4.62E-05 | 6.08E-05 | 6.73E-05 | 8.83E-05 | 1.08E-04 | 1.08E-04 | 7.55E-06                         | 3.73E-05          | 2.24E-05         | 1.06E-08          | 0.00E+00                |
| Florida                                                                                         | Hendry       | 12051 | R                    | 5.95E-05                                                               | 5.95E-05 | 7.25E-05 | 9.78E-05 | 9.64E-05 | 1.20E-04 | 1.31E-04 | 1.31E-04 | 5.93E-09                         | 6.44E-05          | 1.15E-05         | 2.06E-05          | 0.00E+00                |
| Florida                                                                                         | Hernando     | 12053 | U                    | 8.25E-05                                                               | 9.65E-05 | 1.33E-04 | 1.86E-04 | 1.92E-04 | 2.18E-04 | 3.76E-04 | 4.52E-04 | 5.90E-06                         | 1.56E-04          | 3.02E-05         | 7.97E-08          | 0.00E+00                |
| Florida                                                                                         | Highlands    | 12055 | R                    | 4.13E-05                                                               | 6.75E-05 | 8.03E-05 | 9.52E-05 | 1.06E-04 | 1.43E-04 | 1.73E-04 | 1.80E-04 | 0.00E+00                         | 6.74E-05          | 3.82E-05         | 8.75E-11          | 0.00E+00                |
| Florida                                                                                         | Hillsborough | 12057 | U                    | 1.78E-03                                                               | 2.09E-03 | 3.05E-03 | 5.56E-03 | 9.02E-03 | 9.57E-03 | 1.75E-02 | 2.24E-02 | 5.31E-03                         | 8.63E-04          | 5.85E-05         | 2.80E-03          | 0.00E+00                |
| Florida                                                                                         | Holmes       | 12059 | R                    | 2.96E-05                                                               | 2.96E-05 | 2.96E-05 | 3.03E-05 | 3.16E-05 | 3.35E-05 | 3.60E-05 | 3.60E-05 | 0.00E+00                         | 1.96E-05          | 1.18E-05         | 1.06E-07          | 0.00E+00                |
| Florida                                                                                         | Indian River | 12061 | R                    | 5.75E-05                                                               | 5.95E-05 | 7.52E-05 | 9.89E-05 | 1.07E-04 | 1.42E-04 | 1.62E-04 | 1.62E-04 | 0.00E+00                         | 8.24E-05          | 1.75E-05         | 7.33E-06          | 0.00E+00                |
| Florida                                                                                         | Jackson      | 12063 | R                    | 2.62E-05                                                               | 3.39E-05 | 3.57E-05 | 4.50E-05 | 5.78E-05 | 8.89E-05 | 9.12E-05 | 1.37E-04 | 6.76E-06                         | 3.72E-05          | 1.36E-05         | 1.51E-07          | 0.00E+00                |
| Florida                                                                                         | Jefferson    | 12065 | R                    | 4.07E-05                                                               | 4.07E-05 | 4.07E-05 | 1.05E-04 | 1.05E-04 | 1.70E-04 | 1.70E-04 | 1.70E-04 | 0.00E+00                         | 3.01E-05          | 1.03E-05         | 6.51E-05          | 0.00E+00                |
| Florida                                                                                         | Lafayette    | 12067 | R                    | 1.96E-04                                                               | 1.96E-04 | 1.96E-04 | 2.89E-04 | 2.89E-04 | 3.82E-04 | 3.82E-04 | 3.82E-04 | 2.61E-04                         | 2.01E-05          | 7.63E-06         | 0.00E+00          | 0.00E+00                |
| Florida                                                                                         | Lake         | 12069 | U                    | 9.83E-05                                                               | 1.44E-04 | 2.03E-04 | 5.95E-04 | 5.77E-04 | 9.51E-04 | 1.11E-03 | 1.14E-03 | 2.43E-06                         | 4.21E-04          | 6.21E-05         | 9.12E-05          | 0.00E+00                |
| Florida                                                                                         | Lee          | 12071 | U                    | 1.71E-04                                                               | 3.20E-04 | 5.58E-04 | 8.41E-04 | 1.16E-03 | 1.40E-03 | 2.50E-03 | 2.97E-03 | 2.72E-07                         | 1.81E-04          | 2.68E-05         | 9.50E-04          | 0.00E+00                |
| Florida                                                                                         | Leon         | 12073 | U                    | 3.57E-04                                                               | 4.89E-04 | 6.83E-04 | 1.25E-03 | 1.50E-03 | 2.31E-03 | 2.71E-03 | 3.16E-03 | 0.00E+00                         | 5.60E-04          | 3.48E-05         | 9.04E-04          | 0.00E+00                |
| Florida                                                                                         | Levy         | 12075 | R                    | 1.90E-05                                                               | 1.90E-05 | 2.85E-05 | 3.19E-05 | 1.07E-04 | 2.96E-04 | 3.04E-04 | 3.04E-04 | 6.78E-06                         | 8.50E-05          | 1.21E-05         | 2.70E-06          | 0.00E+00                |
| Florida                                                                                         | Liberty      | 12077 | R                    | 5.44E-05                                                               | 5.44E-05 | 5.44E-05 | 1.11E-04 | 1.11E-04 | 1.68E-04 | 1.68E-04 | 1.68E-04 | 1.99E-05                         | 3.09E-05          | 4.78E-06         | 5.55E-05          | 0.00E+00                |
| Florida                                                                                         | Madison      | 12079 | R                    | 2.70E-04                                                               | 2.70E-04 | 2.81E-04 | 3.13E-04 | 3.09E-04 | 3.36E-04 | 3.39E-04 | 3.39E-04 | 2.61E-04                         | 3.45E-05          | 1.28E-05         | 1.02E-08          | 0.00E+00                |
| Florida                                                                                         | Manatee      | 12081 | U                    | 1.47E-03                                                               | 1.54E-03 | 1.88E-03 | 2.24E-03 | 2.60E-03 | 2.90E-03 | 3.67E-03 | 5.21E-03 | 8.76E-04                         | 2.12E-04          | 1.14E-04         | 1.40E-03          | 0.00E+00                |
| Florida                                                                                         | Marion       | 12083 | R                    | 5.36E-04                                                               | 5.91E-04 | 9.64E-04 | 2.34E-03 | 4.63E-03 | 5.15E-03 | 9.07E-03 | 2.27E-02 | 4.99E-05                         | 4.57E-03          | 1.39E-05         | 1.13E-06          | 0.00E+00                |
| Florida                                                                                         | Martin       | 12085 | U                    | 1.27E-04                                                               | 1.47E-04 | 1.79E-04 | 2.55E-04 | 2.86E-04 | 3.72E-04 | 4.55E-04 | 6.92E-04 | 9.45E-06                         | 2.30E-04          | 1.96E-05         | 2.69E-05          | 0.00E+00                |
| Florida                                                                                         | Monroe       | 12087 | R                    | 1.71E-05                                                               | 2.79E-05 | 5.15E-05 | 1.44E-04 | 9.13E-04 | 1.55E-03 | 3.80E-03 | 3.92E-03 | 5.69E-05                         | 5.08E-05          | 5.55E-05         | 7.50E-04          | 0.00E+00                |
| Florida                                                                                         | Nassau       | 12089 | U                    | 4.08E-04                                                               | 4.08E-04 | 8.41E-04 | 1.88E-03 | 1.42E-03 | 1.93E-03 | 2.04E-03 | 2.04E-03 | 5.86E-04                         | 2.37E-04          | 1.33E-05         | 5.86E-04          | 0.00E+00                |
| Florida                                                                                         | Okaloosa     | 12091 | R                    | 5.22E-05                                                               | 1.04E-04 | 1.49E-04 | 1.92E-04 | 2.02E-04 | 2.25E-04 | 3.24E-04 | 3.42E-04 | 0.00E+00                         | 1.80E-04          | 1.82E-05         | 3.65E-06          | 0.00E+00                |
| Florida                                                                                         | Okneechee    | 12093 | R                    | 1.99E-05                                                               | 1.99E-05 | 5.37E-05 | 5.66E-05 | 7.50E-05 | 6.16E-05 | 2.01E-04 | 2.01E-04 | 0.00E+00                         | 4.67E-05          | 2.83E-05         | 1.02E-08          | 0.00E+00                |
| Florida                                                                                         | Orange       | 12095 | U                    | 1.34E-03                                                               | 1.60E-03 | 2.45E-03 | 4.06E-03 | 5.37E-03 | 5.97E-03 | 9.45E-03 | 1.35E-02 | 2.82E-07                         | 7.89E-04          | 6.54E-05         | 4.51E-03          | 0.00E+00                |
| Florida                                                                                         | Osceola      | 12097 | U                    | 3.38E-04                                                               | 1.06E-03 | 1.95E-03 | 2.74E-03 | 2.90E-03 | 3.50E-03 | 4.51E-03 | 7.95E-03 | 2.30E-06                         | 3.47E-04          | 3.31E-05         | 2.52E-03          | 0.00E+00                |
| Florida                                                                                         | Palm Beach   | 12099 | U                    | 7.14E-04                                                               | 8.13E-04 | 1.09E-03 | 1.72E-03 | 2.69E-03 | 3.49E-03 | 5.24E-03 | 7.04E-03 | 2.48E-05                         | 1.84E-03          | 3.68E-05         | 7.84E-04          | 0.00E+00                |
| Florida                                                                                         | Pasco        | 12101 | U                    | 2.22E-04                                                               | 5.75E-04 | 8.20E-04 | 1.05E-03 | 1.46E-03 | 2.12E-03 | 2.99E-03 | 3.25E-03 | 7.22E-04                         | 2.86E-04          | 3.44E-05         | 4.16E-04          | 0.00E+00                |
| Florida                                                                                         | Pinellas     | 12103 | U                    | 5.10E-03                                                               | 5.62E-03 | 6.43E-03 | 7.77E-03 | 7.99E-03 | 9.26E-03 | 1.07E-02 | 1.18E-02 | 4.76E-03                         | 7.14E-04          | 5.71E-05         | 2.47E-03          | 0.00E+00                |
| Florida                                                                                         | Polk         | 12105 | U                    | 1.08E-04                                                               | 1.35E-04 | 1.87E-04 | 3.18E-04 | 4.79E-04 | 7.56E-04 | 1.02E-03 | 1.11E-03 | 2.57E-04                         | 1.68E-04          | 2.47E-05         | 2.87E-05          | 0.00E+00                |
| Florida                                                                                         | Putnam       | 12107 | R                    | 3.55E-04                                                               | 3.76E-04 | 7.44E-04 | 1.27E-03 | 1.26E-03 | 1.73E-03 | 1.80E-03 | 2.99E-03 | 1.08E-03                         | 1.37E-04          | 3.63E-05         | 2.91E-06          | 0.00E+00                |
| Florida                                                                                         | St. Johns    | 12109 | U                    | 7.66E-04                                                               | 7.85E-04 | 8.73E-04 | 9.30E-04 | 9.87E-04 | 1.12E-03 | 1.20E-03 | 1.32E-03 | 7.69E-04                         | 1.68E-04          | 2.02E-05         | 2.90E-05          | 0.00E+00                |
| Florida                                                                                         | St. Lucie    | 12111 | U                    | 5.81E-05                                                               | 6.48E-05 | 1.04E-04 | 1.23E-04 | 1.45E-04 | 1.60E-04 | 2.61E-04 | 3.00E-04 | 0.00E+00                         | 1.11E-04          | 3.33E-05         | 6.49E-07          | 0.00E+00                |
| Florida                                                                                         | Santa Rosa   | 12113 | U                    | 1.06E-04                                                               | 1.50E-04 | 1.73E-04 | 2.42E-04 | 3.26E-04 | 3.28E-04 | 3.62E-04 | 1.35E-03 | 9.61E-05                         | 7.94E-05          | 1.18E-05         | 1.39E-04          | 0.00E+00                |
| Florida                                                                                         | Sarasota     | 12115 | U                    | 2.25E-04                                                               | 2.32E-04 | 2.61E-04 | 4.19E-04 | 8.16E-04 | 7.55E-04 | 1.58E-03 | 2.18E-03 | 5.00E-05                         | 1.78E-04          | 5.38E-05         | 5.34E-04          | 0.00E+00                |
| Florida                                                                                         | Seminole     | 12117 | U                    | 1.26E-03                                                               | 1.36E-03 | 2.17E-03 | 2.93E-03 | 3.06E-03 | 3.72E-03 | 4.58E-03 | 5.10E-03 | 3.17E-07                         | 6.60E-04          | 6.64E-05         | 2.34E-03          | 0.00E+00                |
| Florida                                                                                         | Sumter       | 12119 | R                    | 4.88E-05                                                               | 4.88E-05 | 5.93E-05 | 4.55E-04 | 4.58E-04 | 9.23E-04 | 1.05E-03 | 1.05E-03 | 1.17E-06                         | 4.29E-04          | 2.78E-05         | 0.00E+00          | 0.00E+00                |
| Florida                                                                                         | Suwannee     | 12121 | R                    | 2.64E-05                                                               | 2.64E-05 | 3.21E-05 | 1.11E-04 | 1.34E-04 | 1.79E-04 | 3.44E-04 | 3.44E-04 | 7.94E-05                         | 3.36E-05          | 2.11E-05         | 0.00E+00          | 0.00E+00                |
| Florida                                                                                         | Taylor       | 12123 | R                    | 3.28E-04                                                               | 3.28E-04 | 3.53E-04 | 6.77E-04 | 7.20E-04 | 1.09E-03 | 1.20E-03 | 1.20E-03 | 6.34E-04                         | 7.46E-05          | 1.21E-05         | 0.00E+00          | 0.00E+00                |
| Florida                                                                                         | Union        | 12125 | R                    | 3.63E-05                                                               | 3.63E-05 | 3.63E-05 | 5.94E-05 | 5.60E-05 | 7.23E-05 | 7.23E-05 | 7.23E-05 | 3.05E-06                         | 3.37E-05          | 1.46E-05         | 4.67E-06          | 0.00E+00                |
| Florida                                                                                         | Volusia      | 12127 | U                    | 2.31E-04                                                               | 2.98E-04 | 4.19E-04 | 7.92E-04 | 1.10E-03 | 1.45E-03 | 1.81E-03 | 2.43E-03 | 6.25E-07                         | 4.88E-04          | 3.64E-05         | 5.77E-04          | 0.00E+00                |
| Florida                                                                                         | Wakulla      | 12129 | R                    | 8.93E-05                                                               | 8.93E-05 | 8.93E-05 | 1.80E-04 | 1.80E-04 | 2.71E-04 | 2.71E-04 | 2.71E-04 | 0.00E+00                         | 2.78E-05          | 7.81E-06         | 1.44E-04          | 0.00E+00                |

| Estimated Annual Average Ambient Concentrations ( $\mu\text{g}/\text{m}^3$ ) for Lead Compounds |                    |       |                      |                                                                        |          |          |          |          |          |          |          |                                  |                   |                  |                   |                         |
|-------------------------------------------------------------------------------------------------|--------------------|-------|----------------------|------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------------------------------|-------------------|------------------|-------------------|-------------------------|
| State                                                                                           | County             | FIPS  | Urban<br>or<br>Rural | Percentile Distribution of Ambient Concentrations Across Census Tracts |          |          |          |          |          |          |          | Contribution to Average from ... |                   |                  |                   |                         |
|                                                                                                 |                    |       |                      | 5th                                                                    | 10th     | 25th     | Median   | Average  | 75th     | 90th     | 95th     | Major                            | Area and<br>Other | Onroad<br>Mobile | Nonroad<br>Mobile | Estimated<br>Background |
| Florida                                                                                         | Walton             | 12131 | R                    | 3.17E-05                                                               | 3.17E-05 | 3.96E-05 | 4.81E-05 | 4.67E-05 | 5.43E-05 | 5.84E-05 | 5.84E-05 | 0.00E+00                         | 3.27E-05          | 1.40E-05         | 3.31E-08          | 0.00E+00                |
| Florida                                                                                         | Washington         | 12133 | R                    | 2.81E-05                                                               | 2.81E-05 | 2.81E-05 | 3.52E-05 | 5.21E-05 | 9.30E-05 | 9.30E-05 | 9.30E-05 | 2.14E-05                         | 1.76E-05          | 1.13E-05         | 1.80E-06          | 0.00E+00                |
| Georgia                                                                                         | Statewide          | N/A   | N/A                  | 3.77E-05                                                               | 5.33E-05 | 1.50E-04 | 6.57E-04 | 2.60E-03 | 2.71E-03 | 5.44E-03 | 9.69E-03 | 1.65E-04                         | 1.44E-03          | 4.93E-05         | 9.52E-04          | 0.00E+00                |
| Georgia                                                                                         | All Urban Counties | N/A   | U                    | 1.45E-04                                                               | 2.26E-04 | 5.91E-04 | 2.03E-03 | 4.01E-03 | 4.00E-03 | 8.11E-03 | 1.73E-02 | 2.02E-04                         | 2.19E-03          | 6.73E-05         | 1.55E-03          | 0.00E+00                |
| Georgia                                                                                         | All Rural Counties | N/A   | R                    | 2.52E-05                                                               | 3.63E-05 | 5.54E-05 | 1.27E-04 | 3.93E-04 | 3.61E-04 | 8.40E-04 | 1.32E-03 | 1.06E-04                         | 2.54E-04          | 2.11E-05         | 1.15E-05          | 0.00E+00                |
| Georgia                                                                                         | Appling            | 13001 | R                    | 1.43E-05                                                               | 1.43E-05 | 1.43E-05 | 5.16E-05 | 4.03E-05 | 5.29E-05 | 6.84E-05 | 6.84E-05 | 1.16E-05                         | 1.97E-05          | 9.00E-06         | 0.00E+00          | 0.00E+00                |
| Georgia                                                                                         | Atkinson           | 13003 | R                    | 1.74E-05                                                               | 1.74E-05 | 1.74E-05 | 1.84E-05 | 9.49E-05 | 2.49E-04 | 2.49E-04 | 2.49E-04 | 0.00E+00                         | 8.87E-05          | 6.20E-06         | 0.00E+00          | 0.00E+00                |
| Georgia                                                                                         | Bacon              | 13005 | R                    | 3.49E-05                                                               | 3.49E-05 | 3.49E-05 | 3.56E-05 | 3.56E-05 | 3.63E-05 | 3.63E-05 | 3.63E-05 | 7.34E-07                         | 2.38E-05          | 1.11E-05         | 0.00E+00          | 0.00E+00                |
| Georgia                                                                                         | Baker              | 13007 | R                    | 2.17E-05                                                               | 2.17E-05 | 5.40E-05 | 9.72E-05 | 9.90E-05 | 1.44E-04 | 1.80E-04 | 1.80E-04 | 8.36E-05                         | 9.63E-06          | 4.84E-06         | 9.09E-07          | 0.00E+00                |
| Georgia                                                                                         | Baldwin            | 13009 | R                    | 2.40E-04                                                               | 2.40E-04 | 3.85E-04 | 5.93E-04 | 1.15E-03 | 1.57E-03 | 3.87E-03 | 3.87E-03 | 8.72E-06                         | 1.10E-03          | 4.30E-05         | 0.00E+00          | 0.00E+00                |
| Georgia                                                                                         | Banks              | 13011 | R                    | 5.92E-05                                                               | 5.92E-05 | 6.31E-05 | 8.03E-05 | 8.67E-05 | 1.22E-04 | 1.27E-04 | 1.27E-04 | 1.21E-07                         | 6.21E-05          | 2.14E-05         | 3.15E-06          | 0.00E+00                |
| Georgia                                                                                         | Barrow             | 13013 | U                    | 2.25E-04                                                               | 2.25E-04 | 2.86E-04 | 4.18E-04 | 3.61E-04 | 4.22E-04 | 4.55E-04 | 4.55E-04 | 5.72E-08                         | 3.02E-04          | 3.70E-05         | 2.17E-05          | 0.00E+00                |
| Georgia                                                                                         | Bartow             | 13015 | U                    | 3.64E-04                                                               | 3.91E-04 | 4.33E-04 | 5.10E-04 | 5.16E-04 | 5.96E-04 | 6.37E-04 | 6.38E-04 | 2.63E-04                         | 2.04E-04          | 4.91E-05         | 0.00E+00          | 0.00E+00                |
| Georgia                                                                                         | Ben Hill           | 13017 | U                    | 1.80E-03                                                               | 1.80E-03 | 2.22E-03 | 2.18E-02 | 1.54E-02 | 2.21E-02 | 2.91E-02 | 2.91E-02 | 0.00E+00                         | 1.54E-02          | 2.73E-05         | 0.00E+00          | 0.00E+00                |
| Georgia                                                                                         | Berrien            | 13019 | R                    | 6.97E-05                                                               | 6.97E-05 | 7.23E-05 | 1.60E-04 | 1.73E-04 | 2.79E-04 | 2.96E-04 | 2.96E-04 | 3.10E-05                         | 1.27E-04          | 1.44E-05         | 1.37E-08          | 0.00E+00                |
| Georgia                                                                                         | Bibb               | 13021 | U                    | 1.60E-04                                                               | 2.13E-04 | 2.46E-04 | 3.62E-04 | 4.28E-04 | 5.26E-04 | 7.18E-04 | 8.77E-04 | 4.07E-05                         | 3.21E-04          | 3.84E-05         | 2.75E-05          | 0.00E+00                |
| Georgia                                                                                         | Bleckley           | 13023 | R                    | 4.90E-05                                                               | 4.90E-05 | 4.90E-05 | 7.29E-05 | 6.56E-05 | 7.49E-05 | 7.49E-05 | 7.49E-05 | 2.30E-06                         | 4.31E-05          | 1.44E-05         | 5.74E-06          | 0.00E+00                |
| Georgia                                                                                         | Brantley           | 13025 | R                    | 2.43E-05                                                               | 2.43E-05 | 2.43E-05 | 1.41E-04 | 1.88E-04 | 3.97E-04 | 3.97E-04 | 3.97E-04 | 1.63E-04                         | 1.34E-05          | 5.43E-06         | 5.54E-06          | 0.00E+00                |
| Georgia                                                                                         | Brooks             | 13027 | R                    | 5.09E-05                                                               | 5.09E-05 | 1.03E-04 | 1.32E-04 | 1.35E-04 | 1.50E-04 | 2.42E-04 | 2.42E-04 | 7.77E-05                         | 4.23E-05          | 1.53E-05         | 2.03E-08          | 0.00E+00                |
| Georgia                                                                                         | Bryan              | 13029 | U                    | 3.25E-04                                                               | 3.25E-04 | 3.25E-04 | 9.72E-04 | 9.96E-04 | 1.69E-03 | 1.69E-03 | 1.69E-03 | 6.92E-04                         | 6.42E-05          | 1.66E-05         | 2.23E-04          | 0.00E+00                |
| Georgia                                                                                         | Bulloch            | 13031 | R                    | 2.74E-05                                                               | 2.74E-05 | 3.94E-05 | 6.74E-05 | 1.03E-04 | 1.59E-04 | 2.33E-04 | 2.33E-04 | 1.97E-05                         | 5.21E-05          | 2.94E-05         | 2.15E-06          | 0.00E+00                |
| Georgia                                                                                         | Burke              | 13033 | R                    | 1.94E-05                                                               | 1.94E-05 | 7.84E-05 | 1.87E-04 | 1.92E-04 | 2.87E-04 | 4.13E-04 | 4.13E-04 | 9.31E-05                         | 6.97E-05          | 8.13E-06         | 2.12E-05          | 0.00E+00                |
| Georgia                                                                                         | Butts              | 13035 | R                    | 2.00E-04                                                               | 2.00E-04 | 2.08E-04 | 2.19E-04 | 4.46E-04 | 6.85E-04 | 1.15E-03 | 1.15E-03 | 5.44E-06                         | 2.08E-04          | 1.88E-05         | 2.14E-04          | 0.00E+00                |
| Georgia                                                                                         | Calhoun            | 13037 | R                    | 1.15E-04                                                               | 1.15E-04 | 1.21E-04 | 1.62E-04 | 1.67E-04 | 2.13E-04 | 2.30E-04 | 2.30E-04 | 1.45E-04                         | 1.66E-05          | 4.78E-06         | 9.40E-07          | 0.00E+00                |
| Georgia                                                                                         | Camden             | 13039 | U                    | 1.39E-04                                                               | 1.39E-04 | 3.55E-04 | 9.64E-04 | 8.74E-04 | 1.36E-03 | 1.44E-03 | 1.44E-03 | 5.15E-04                         | 9.34E-05          | 1.40E-05         | 2.52E-04          | 0.00E+00                |
| Georgia                                                                                         | Candler            | 13043 | R                    | 2.64E-05                                                               | 2.64E-05 | 2.64E-05 | 2.99E-05 | 3.39E-05 | 4.55E-05 | 4.55E-05 | 4.55E-05 | 0.00E+00                         | 2.38E-05          | 1.02E-05         | 0.00E+00          | 0.00E+00                |
| Georgia                                                                                         | Carroll            | 13045 | U                    | 8.12E-04                                                               | 2.36E-03 | 3.78E-03 | 7.27E-03 | 1.46E-02 | 1.66E-02 | 2.78E-02 | 6.98E-02 | 2.38E-05                         | 1.44E-02          | 3.37E-05         | 1.66E-04          | 0.00E+00                |
| Georgia                                                                                         | Catoosa            | 13047 | U                    | 1.21E-03                                                               | 1.21E-03 | 1.78E-03 | 2.60E-03 | 2.50E-03 | 3.15E-03 | 3.75E-03 | 3.75E-03 | 6.59E-04                         | 1.46E-03          | 4.67E-05         | 3.32E-04          | 0.00E+00                |
| Georgia                                                                                         | Charlton           | 13049 | R                    | 3.21E-05                                                               | 3.21E-05 | 3.21E-05 | 1.72E-04 | 1.72E-04 | 3.12E-04 | 3.12E-04 | 3.12E-04 | 1.15E-05                         | 1.02E-04          | 4.68E-06         | 5.32E-05          | 0.00E+00                |
| Georgia                                                                                         | Chatham            | 13051 | U                    | 5.67E-04                                                               | 1.00E-03 | 1.49E-03 | 2.11E-03 | 2.33E-03 | 2.80E-03 | 4.80E-03 | 5.11E-03 | 1.34E-03                         | 6.28E-04          | 4.80E-05         | 3.10E-04          | 0.00E+00                |
| Georgia                                                                                         | Chattahoochee      | 13053 | U                    | 1.20E-03                                                               | 1.20E-03 | 1.20E-03 | 2.09E-03 | 2.09E-03 | 2.99E-03 | 2.99E-03 | 2.99E-03 | 3.31E-04                         | 1.73E-03          | 1.92E-05         | 1.33E-05          | 0.00E+00                |
| Georgia                                                                                         | Chattooga          | 13055 | R                    | 2.66E-04                                                               | 2.66E-04 | 2.77E-04 | 3.32E-04 | 3.29E-04 | 3.64E-04 | 4.04E-04 | 4.04E-04 | 1.54E-04                         | 1.52E-04          | 2.32E-05         | 0.00E+00          | 0.00E+00                |
| Georgia                                                                                         | Cherokee           | 13057 | U                    | 8.76E-05                                                               | 1.02E-04 | 1.79E-04 | 3.03E-04 | 3.30E-04 | 4.13E-04 | 5.02E-04 | 1.03E-03 | 2.91E-05                         | 2.11E-04          | 5.42E-05         | 3.62E-05          | 0.00E+00                |
| Georgia                                                                                         | Clarke             | 13059 | U                    | 2.69E-04                                                               | 3.43E-04 | 6.51E-04 | 9.49E-04 | 1.00E-03 | 1.35E-03 | 1.80E-03 | 1.96E-03 | 9.35E-09                         | 5.74E-04          | 3.44E-05         | 3.96E-04          | 0.00E+00                |
| Georgia                                                                                         | Clay               | 13061 | R                    | 1.03E-04                                                               | 1.03E-04 | 1.03E-04 | 2.29E-04 | 2.29E-04 | 3.56E-04 | 3.56E-04 | 3.56E-04 | 2.06E-04                         | 1.86E-05          | 4.79E-06         | 0.00E+00          | 0.00E+00                |
| Georgia                                                                                         | Clayton            | 13063 | U                    | 1.95E-03                                                               | 2.34E-03 | 3.10E-03 | 6.18E-03 | 1.24E-02 | 1.32E-02 | 3.63E-02 | 3.98E-02 | 2.02E-06                         | 2.26E-03          | 8.04E-05         | 1.01E-02          | 0.00E+00                |
| Georgia                                                                                         | Clinch             | 13065 | R                    | 5.67E-06                                                               | 5.67E-06 | 5.67E-06 | 1.22E-05 | 1.22E-05 | 1.87E-05 | 1.87E-05 | 1.87E-05 | 0.00E+00                         | 9.10E-06          | 3.07E-06         | 0.00E+00          | 0.00E+00                |
| Georgia                                                                                         | Cobb               | 13067 | U                    | 9.29E-04                                                               | 1.07E-03 | 1.27E-03 | 1.52E-03 | 1.56E-03 | 1.93E-03 | 2.05E-03 | 2.06E-03 | 1.27E-05                         | 6.73E-04          | 1.05E-04         | 7.71E-04          | 0.00E+00                |
| Georgia                                                                                         | Coffee             | 13069 | R                    | 2.75E-05                                                               | 2.75E-05 | 1.62E-04 | 1.81E-04 | 1.83E-04 | 2.40E-04 | 2.72E-04 | 2.72E-04 | 5.62E-07                         | 1.66E-04          | 1.62E-05         | 0.00E+00          | 0.00E+00                |
| Georgia                                                                                         | Colquitt           | 13071 | R                    | 4.05E-05                                                               | 4.05E-05 | 4.28E-05 | 4.94E-05 | 1.04E-04 | 1.06E-04 | 3.86E-04 | 3.86E-04 | 4.18E-07                         | 7.62E-05          | 2.70E-05         | 9.41E-08          | 0.00E+00                |
| Georgia                                                                                         | Columbia           | 13073 | U                    | 3.70E-04                                                               | 5.76E-04 | 7.43E-04 | 1.67E-03 | 2.05E-03 | 3.15E-03 | 3.82E-03 | 5.58E-03 | 3.78E-04                         | 1.63E-03          | 2.89E-05         | 1.79E-05          | 0.00E+00                |
| Georgia                                                                                         | Cook               | 13075 | R                    | 7.59E-05                                                               | 7.59E-05 | 1.00E-04 | 1.37E-04 | 1.24E-04 | 1.49E-04 | 1.49E-04 | 1.49E-04 | 1.38E-05                         | 8.98E-05          | 2.09E-05         | 7.61E-09          | 0.00E+00                |
| Georgia                                                                                         | Coweta             | 13077 | U                    | 4.87E-04                                                               | 4.87E-04 | 9.77E-04 | 1.47E-03 | 1.37E-03 | 1.77E-03 | 2.02E-03 | 2.02E-03 | 1.98E-05                         | 1.08E-03          | 2.63E-05         | 2.37E-04          | 0.00E+00                |
| Georgia                                                                                         | Crawford           | 13079 | R                    | 8.22E-05                                                               | 8.22E-05 | 8.22E-05 | 8.80E-05 | 8.80E-05 | 9.38E-05 | 9.38E-05 | 9.38E-05 | 3.81E-05                         | 3.00E-05          | 9.03E-06         | 1.09E-05          | 0.00E+00                |
| Georgia                                                                                         | Crisp              | 13081 | U                    | 4.85E-05                                                               | 4.85E-05 | 8.14E-05 | 8.19E-05 | 1.32E-04 | 1.90E-04 | 2.59E-04 | 2.59E-04 | 1.35E-05                         | 9.49E-05          | 2.38E-05         | 0.00E+00          | 0.00E+00                |
| Georgia                                                                                         | Dade               | 13083 | U                    | 6.08E-04                                                               | 6.08E-04 | 6.08E-04 | 6.57E-04 | 9.05E-04 | 1.45E-03 | 1.45E-03 | 1.45E-03 | 2.32E-04                         | 6.13E-04          | 1.89E-05         | 4.09E-05          | 0.00E+00                |
| Georgia                                                                                         | Dawson             | 13085 | R                    | 5.15E-05                                                               | 5.15E-05 | 5.15E-05 | 7.44E-05 | 7.44E-05 | 9.73E-05 | 9.73E-05 | 9.73E-05 | 9.29E-07                         | 5.08E-05          | 2.27E-05         | 0.00E+00          | 0.00E+00                |
| Georgia                                                                                         | Decatur            | 13087 | R                    | 2.41E-05                                                               | 2.41E-05 | 3.91E-05 | 6.37E-05 | 8.78E-05 | 1.47E-04 | 1.80E-04 | 1.80E-04 | 7.51E-07                         | 5.89E-05          | 1.83E-05         | 9.82E-06          | 0.00E+00                |
| Georgia                                                                                         | De Kalb            | 13089 | U                    | 2.60E-03                                                               | 2.76E-03 | 3.05E-03 | 3.67E-03 | 4.03E-03 | 4.64E-03 | 5.75E-03 | 7.22E-03 | 3.55E-06                         | 1.38E-03          | 1.14E-04         | 2.53E-03          | 0.00E+00                |
| Georgia                                                                                         | Dodge              | 13091 | R                    | 3.61E-05                                                               | 3.61E-05 | 3.74E-05 | 4.36E-05 | 1.28E-04 | 2.06E-04 | 3.99E-04 | 3.99E-04 | 1.07E-06                         | 1.16E-04          | 1.08E-05         | 0.00E+00          | 0.00E+00                |

| Estimated Annual Average Ambient Concentrations (µg/m <sup>3</sup> ) for Lead Compounds |            |       |                      |                                                                        |          |          |          |          |          |          |          |                                  |                   |                  |                   |                         |
|-----------------------------------------------------------------------------------------|------------|-------|----------------------|------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------------------------------|-------------------|------------------|-------------------|-------------------------|
| State                                                                                   | County     | FIPS  | Urban<br>or<br>Rural | Percentile Distribution of Ambient Concentrations Across Census Tracts |          |          |          |          |          |          |          | Contribution to Average from ... |                   |                  |                   |                         |
|                                                                                         |            |       |                      | 5th                                                                    | 10th     | 25th     | Median   | Average  | 75th     | 90th     | 95th     | Major                            | Area and<br>Other | Onroad<br>Mobile | Nonroad<br>Mobile | Estimated<br>Background |
| Georgia                                                                                 | Dooly      | 13093 | R                    | 6.85E-05                                                               | 6.85E-05 | 6.85E-05 | 1.05E-04 | 1.49E-04 | 2.75E-04 | 2.75E-04 | 2.75E-04 | 1.15E-04                         | 2.76E-05          | 6.83E-06         | 0.00E+00          | 0.00E+00                |
| Georgia                                                                                 | Dougherty  | 13095 | U                    | 9.42E-05                                                               | 1.08E-04 | 1.58E-04 | 2.18E-04 | 2.29E-04 | 2.79E-04 | 3.35E-04 | 3.66E-04 | 9.28E-06                         | 1.73E-04          | 2.75E-05         | 2.01E-05          | 0.00E+00                |
| Georgia                                                                                 | Douglas    | 13097 | U                    | 2.16E-03                                                               | 2.41E-03 | 2.55E-03 | 2.86E-03 | 2.94E-03 | 3.48E-03 | 3.59E-03 | 3.68E-03 | 1.02E-05                         | 1.45E-03          | 6.44E-05         | 1.42E-03          | 0.00E+00                |
| Georgia                                                                                 | Early      | 13099 | R                    | 1.34E-04                                                               | 1.34E-04 | 1.58E-04 | 3.35E-04 | 4.15E-04 | 5.31E-04 | 9.95E-04 | 9.95E-04 | 3.88E-04                         | 1.90E-05          | 6.87E-06         | 4.75E-07          | 0.00E+00                |
| Georgia                                                                                 | Echols     | 13101 | R                    | 3.24E-04                                                               | 3.24E-04 | 3.24E-04 | 4.28E-04 | 4.66E-04 | 6.47E-04 | 6.47E-04 | 6.47E-04 | 4.16E-04                         | 4.09E-05          | 9.50E-06         | 2.10E-08          | 0.00E+00                |
| Georgia                                                                                 | Effingham  | 13103 | U                    | 2.21E-04                                                               | 2.21E-04 | 4.54E-04 | 6.82E-04 | 1.05E-03 | 9.77E-04 | 2.91E-03 | 2.91E-03 | 8.80E-04                         | 3.73E-05          | 9.88E-06         | 1.22E-04          | 0.00E+00                |
| Georgia                                                                                 | Elbert     | 13105 | R                    | 3.49E-05                                                               | 3.49E-05 | 4.67E-05 | 7.34E-05 | 1.61E-04 | 9.65E-05 | 5.51E-04 | 5.51E-04 | 7.22E-08                         | 1.38E-04          | 1.43E-05         | 7.71E-06          | 0.00E+00                |
| Georgia                                                                                 | Emanuel    | 13107 | R                    | 1.29E-05                                                               | 1.29E-05 | 1.77E-05 | 4.09E-05 | 3.44E-05 | 5.14E-05 | 5.26E-05 | 5.26E-05 | 2.38E-06                         | 2.16E-05          | 1.04E-05         | 0.00E+00          | 0.00E+00                |
| Georgia                                                                                 | Evans      | 13109 | R                    | 5.23E-05                                                               | 5.23E-05 | 5.23E-05 | 8.65E-05 | 7.55E-05 | 8.78E-05 | 8.78E-05 | 8.78E-05 | 9.97E-06                         | 4.67E-05          | 1.89E-05         | 0.00E+00          | 0.00E+00                |
| Georgia                                                                                 | Fannin     | 13111 | R                    | 3.08E-05                                                               | 3.08E-05 | 3.80E-05 | 4.78E-05 | 5.04E-05 | 6.01E-05 | 7.78E-05 | 7.78E-05 | 9.56E-09                         | 3.50E-05          | 1.54E-05         | 0.00E+00          | 0.00E+00                |
| Georgia                                                                                 | Fayette    | 13113 | U                    | 3.61E-04                                                               | 4.09E-04 | 5.82E-04 | 1.12E-03 | 1.09E-03 | 1.42E-03 | 1.78E-03 | 1.84E-03 | 1.04E-05                         | 7.33E-04          | 3.81E-05         | 3.12E-04          | 0.00E+00                |
| Georgia                                                                                 | Floyd      | 13115 | R                    | 7.55E-04                                                               | 7.89E-04 | 1.15E-03 | 2.24E-03 | 3.36E-03 | 3.59E-03 | 5.39E-03 | 5.64E-03 | 5.43E-04                         | 2.79E-03          | 2.95E-05         | 4.20E-12          | 0.00E+00                |
| Georgia                                                                                 | Forsyth    | 13117 | U                    | 1.68E-04                                                               | 1.68E-04 | 1.69E-04 | 2.27E-04 | 2.30E-04 | 2.42E-04 | 3.46E-04 | 3.46E-04 | 2.66E-06                         | 1.84E-04          | 4.30E-05         | 0.00E+00          | 0.00E+00                |
| Georgia                                                                                 | Franklin   | 13119 | R                    | 7.89E-05                                                               | 7.89E-05 | 1.01E-04 | 1.24E-04 | 1.31E-04 | 1.61E-04 | 1.98E-04 | 1.98E-04 | 1.33E-07                         | 1.04E-04          | 1.58E-05         | 1.12E-05          | 0.00E+00                |
| Georgia                                                                                 | Fulton     | 13121 | U                    | 1.50E-03                                                               | 1.84E-03 | 3.13E-03 | 4.64E-03 | 6.07E-03 | 6.08E-03 | 1.02E-02 | 1.92E-02 | 4.25E-06                         | 1.08E-03          | 1.14E-04         | 4.87E-03          | 0.00E+00                |
| Georgia                                                                                 | Gilmer     | 13123 | R                    | 3.40E-05                                                               | 3.40E-05 | 3.72E-05 | 3.96E-05 | 4.24E-05 | 4.72E-05 | 5.65E-05 | 5.65E-05 | 4.79E-07                         | 2.94E-05          | 1.25E-05         | 7.21E-10          | 0.00E+00                |
| Georgia                                                                                 | Glascocock | 13125 | R                    | 3.21E-05                                                               | 3.21E-05 | 3.21E-05 | 1.06E-04 | 1.06E-04 | 1.79E-04 | 1.79E-04 | 1.79E-04 | 6.46E-05                         | 3.58E-05          | 5.22E-06         | 0.00E+00          | 0.00E+00                |
| Georgia                                                                                 | Glynn      | 13127 | R                    | 4.95E-04                                                               | 5.00E-04 | 6.92E-04 | 1.01E-03 | 1.69E-03 | 2.66E-03 | 3.80E-03 | 4.12E-03 | 1.38E-03                         | 1.59E-04          | 1.69E-05         | 1.27E-04          | 0.00E+00                |
| Georgia                                                                                 | Gordon     | 13129 | R                    | 1.06E-04                                                               | 1.90E-04 | 3.13E-04 | 3.48E-04 | 3.53E-04 | 3.75E-04 | 5.40E-04 | 5.42E-04 | 1.14E-04                         | 1.96E-04          | 4.28E-05         | 0.00E+00          | 0.00E+00                |
| Georgia                                                                                 | Grady      | 13131 | R                    | 3.67E-05                                                               | 3.67E-05 | 5.60E-05 | 1.31E-04 | 1.28E-04 | 1.82E-04 | 2.28E-04 | 2.28E-04 | 1.01E-07                         | 8.40E-05          | 1.90E-05         | 2.45E-05          | 0.00E+00                |
| Georgia                                                                                 | Greene     | 13133 | R                    | 4.19E-05                                                               | 4.19E-05 | 8.46E-05 | 8.58E-05 | 8.16E-05 | 9.46E-05 | 1.01E-04 | 1.01E-04 | 1.43E-06                         | 6.59E-05          | 8.14E-06         | 6.12E-06          | 0.00E+00                |
| Georgia                                                                                 | Gwinnett   | 13135 | U                    | 6.59E-04                                                               | 7.06E-04 | 1.80E-03 | 2.27E-03 | 2.47E-03 | 2.71E-03 | 3.45E-03 | 5.58E-03 | 1.76E-06                         | 1.50E-03          | 1.07E-04         | 8.53E-04          | 0.00E+00                |
| Georgia                                                                                 | Habersham  | 13137 | R                    | 4.47E-05                                                               | 4.47E-05 | 5.13E-05 | 8.39E-05 | 8.15E-05 | 1.07E-04 | 1.19E-04 | 1.19E-04 | 4.31E-08                         | 5.42E-05          | 2.73E-05         | 0.00E+00          | 0.00E+00                |
| Georgia                                                                                 | Hall       | 13139 | R                    | 1.08E-04                                                               | 1.35E-04 | 1.94E-04 | 2.26E-04 | 2.62E-04 | 3.00E-04 | 3.91E-04 | 6.81E-04 | 2.15E-07                         | 2.01E-04          | 6.03E-05         | 0.00E+00          | 0.00E+00                |
| Georgia                                                                                 | Hancock    | 13141 | R                    | 4.74E-05                                                               | 4.74E-05 | 5.04E-05 | 7.25E-05 | 8.65E-05 | 1.23E-04 | 1.54E-04 | 1.54E-04 | 9.11E-06                         | 7.01E-05          | 7.35E-06         | 0.00E+00          | 0.00E+00                |
| Georgia                                                                                 | Haralson   | 13143 | R                    | 7.85E-04                                                               | 7.85E-04 | 7.85E-04 | 1.37E-03 | 1.35E-03 | 1.89E-03 | 1.89E-03 | 1.89E-03 | 3.14E-04                         | 1.01E-03          | 2.26E-05         | 0.00E+00          | 0.00E+00                |
| Georgia                                                                                 | Harris     | 13145 | U                    | 2.25E-04                                                               | 2.25E-04 | 4.08E-04 | 5.08E-04 | 4.83E-04 | 5.61E-04 | 7.12E-04 | 7.12E-04 | 3.37E-05                         | 4.33E-04          | 1.23E-05         | 4.11E-06          | 0.00E+00                |
| Georgia                                                                                 | Hart       | 13147 | R                    | 7.37E-05                                                               | 7.37E-05 | 8.45E-05 | 1.16E-04 | 1.03E-04 | 1.20E-04 | 1.21E-04 | 1.21E-04 | 4.42E-07                         | 8.09E-05          | 1.81E-05         | 3.67E-06          | 0.00E+00                |
| Georgia                                                                                 | Heard      | 13149 | R                    | 2.83E-04                                                               | 2.83E-04 | 2.83E-04 | 2.91E-04 | 3.77E-04 | 5.58E-04 | 5.58E-04 | 5.58E-04 | 5.82E-06                         | 3.62E-04          | 9.85E-06         | 0.00E+00          | 0.00E+00                |
| Georgia                                                                                 | Henry      | 13151 | U                    | 1.36E-03                                                               | 1.48E-03 | 1.62E-03 | 2.63E-03 | 3.20E-03 | 4.52E-03 | 5.43E-03 | 7.59E-03 | 2.04E-06                         | 7.38E-04          | 4.10E-05         | 2.42E-03          | 0.00E+00                |
| Georgia                                                                                 | Houston    | 13153 | U                    | 1.34E-04                                                               | 1.46E-04 | 1.83E-04 | 2.25E-04 | 2.42E-04 | 2.81E-04 | 3.81E-04 | 4.21E-04 | 5.44E-05                         | 1.39E-04          | 2.67E-05         | 2.10E-05          | 0.00E+00                |
| Georgia                                                                                 | Irwin      | 13155 | R                    | 3.61E-04                                                               | 3.61E-04 | 3.61E-04 | 1.09E-03 | 9.23E-04 | 1.32E-03 | 1.32E-03 | 1.32E-03 | 0.00E+00                         | 9.14E-04          | 8.73E-06         | 0.00E+00          | 0.00E+00                |
| Georgia                                                                                 | Jackson    | 13157 | R                    | 9.38E-05                                                               | 9.38E-05 | 1.29E-04 | 1.50E-04 | 1.42E-04 | 1.59E-04 | 1.75E-04 | 1.75E-04 | 1.07E-07                         | 1.17E-04          | 1.67E-05         | 7.97E-06          | 0.00E+00                |
| Georgia                                                                                 | Jasper     | 13159 | R                    | 5.97E-05                                                               | 5.97E-05 | 7.61E-05 | 1.38E-04 | 1.32E-04 | 1.89E-04 | 1.93E-04 | 1.93E-04 | 9.25E-06                         | 1.15E-04          | 8.41E-06         | 0.00E+00          | 0.00E+00                |
| Georgia                                                                                 | Jeff Davis | 13161 | R                    | 3.47E-05                                                               | 3.47E-05 | 3.47E-05 | 4.39E-05 | 4.21E-05 | 4.77E-05 | 4.77E-05 | 4.77E-05 | 3.46E-06                         | 2.84E-05          | 1.03E-05         | 0.00E+00          | 0.00E+00                |
| Georgia                                                                                 | Jefferson  | 13163 | R                    | 1.91E-05                                                               | 1.91E-05 | 2.04E-05 | 6.50E-05 | 8.22E-05 | 1.44E-04 | 1.80E-04 | 1.80E-04 | 3.30E-05                         | 3.58E-05          | 7.20E-06         | 6.13E-06          | 0.00E+00                |
| Georgia                                                                                 | Jenkins    | 13165 | R                    | 1.63E-05                                                               | 1.63E-05 | 1.63E-05 | 1.66E-05 | 1.66E-05 | 1.68E-05 | 1.68E-05 | 1.68E-05 | 0.00E+00                         | 9.39E-06          | 7.20E-06         | 0.00E+00          | 0.00E+00                |
| Georgia                                                                                 | Johnson    | 13167 | R                    | 2.30E-05                                                               | 2.30E-05 | 3.20E-05 | 4.24E-05 | 3.93E-05 | 4.66E-05 | 4.94E-05 | 4.94E-05 | 3.81E-06                         | 2.75E-05          | 8.03E-06         | 0.00E+00          | 0.00E+00                |
| Georgia                                                                                 | Jones      | 13169 | U                    | 9.41E-05                                                               | 9.41E-05 | 9.72E-05 | 1.02E-04 | 1.12E-04 | 1.26E-04 | 1.49E-04 | 1.49E-04 | 3.23E-05                         | 6.25E-05          | 1.10E-05         | 5.98E-06          | 0.00E+00                |
| Georgia                                                                                 | Lamar      | 13171 | R                    | 8.49E-05                                                               | 8.49E-05 | 8.49E-05 | 1.36E-04 | 1.23E-04 | 1.47E-04 | 1.47E-04 | 1.47E-04 | 6.98E-06                         | 9.76E-05          | 1.81E-05         | 0.00E+00          | 0.00E+00                |
| Georgia                                                                                 | Lanier     | 13173 | R                    | 1.70E-04                                                               | 1.70E-04 | 1.70E-04 | 2.02E-04 | 2.18E-04 | 2.83E-04 | 2.83E-04 | 2.83E-04 | 1.64E-04                         | 4.36E-05          | 1.10E-05         | 2.30E-08          | 0.00E+00                |
| Georgia                                                                                 | Laurens    | 13175 | R                    | 5.01E-05                                                               | 5.38E-05 | 5.78E-05 | 9.70E-05 | 1.37E-04 | 1.21E-04 | 3.60E-04 | 4.10E-04 | 1.12E-05                         | 1.05E-04          | 2.13E-05         | 0.00E+00          | 0.00E+00                |
| Georgia                                                                                 | Lee        | 13177 | R                    | 2.93E-05                                                               | 2.93E-05 | 2.93E-05 | 5.86E-05 | 5.17E-05 | 6.72E-05 | 6.72E-05 | 6.72E-05 | 1.87E-06                         | 3.72E-05          | 9.82E-06         | 2.82E-06          | 0.00E+00                |
| Georgia                                                                                 | Liberty    | 13179 | R                    | 6.49E-04                                                               | 6.49E-04 | 7.34E-04 | 1.03E-03 | 1.01E-03 | 1.12E-03 | 1.52E-03 | 1.52E-03 | 8.26E-04                         | 9.22E-05          | 3.45E-05         | 6.09E-05          | 0.00E+00                |
| Georgia                                                                                 | Lincoln    | 13181 | R                    | 3.15E-05                                                               | 3.15E-05 | 3.15E-05 | 4.59E-05 | 4.59E-05 | 6.03E-05 | 6.03E-05 | 6.03E-05 | 1.70E-05                         | 2.17E-05          | 7.23E-06         | 0.00E+00          | 0.00E+00                |
| Georgia                                                                                 | Long       | 13183 | R                    | 3.40E-04                                                               | 3.40E-04 | 3.40E-04 | 4.21E-04 | 4.21E-04 | 5.03E-04 | 5.03E-04 | 5.03E-04 | 4.06E-04                         | 9.83E-06          | 5.85E-06         | 0.00E+00          | 0.00E+00                |
| Georgia                                                                                 | Lowndes    | 13185 | R                    | 1.76E-04                                                               | 3.30E-04 | 4.04E-04 | 5.02E-04 | 5.75E-04 | 6.84E-04 | 1.20E-03 | 1.28E-03 | 2.53E-04                         | 2.62E-04          | 5.96E-05         | 1.86E-07          | 0.00E+00                |
| Georgia                                                                                 | Lumpkin    | 13187 | R                    | 5.80E-05                                                               | 5.80E-05 | 5.80E-05 | 5.82E-05 | 5.82E-05 | 5.84E-05 | 5.84E-05 | 5.84E-05 | 4.76E-08                         | 3.57E-05          | 2.25E-05         | 0.00E+00          | 0.00E+00                |
| Georgia                                                                                 | McDuffie   | 13189 | U                    | 2.16E-04                                                               | 2.16E-04 | 2.73E-04 | 2.93E-04 | 3.07E-04 | 3.47E-04 | 4.06E-04 | 4.06E-04 | 1.67E-04                         | 1.24E-04          | 9.94E-06         | 6.37E-06          | 0.00E+00                |
| Georgia                                                                                 | McIntosh   | 13191 | R                    | 4.01E-04                                                               | 4.01E-04 | 4.01E-04 | 4.01E-04 | 4.04E-04 | 4.09E-04 | 4.09E-04 | 4.09E-04 | 3.22E-04                         | 2.10E-05          | 6.97E-06         | 5.39E-05          | 0.00E+00                |

| Estimated Annual Average Ambient Concentrations ( $\mu\text{g}/\text{m}^3$ ) for Lead Compounds |            |       |                      |                                                                        |          |          |          |          |          |          |          |                                  |                   |                  |                   |                         |
|-------------------------------------------------------------------------------------------------|------------|-------|----------------------|------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------------------------------|-------------------|------------------|-------------------|-------------------------|
| State                                                                                           | County     | FIPS  | Urban<br>or<br>Rural | Percentile Distribution of Ambient Concentrations Across Census Tracts |          |          |          |          |          |          |          | Contribution to Average from ... |                   |                  |                   |                         |
|                                                                                                 |            |       |                      | 5th                                                                    | 10th     | 25th     | Median   | Average  | 75th     | 90th     | 95th     | Major                            | Area and<br>Other | Onroad<br>Mobile | Nonroad<br>Mobile | Estimated<br>Background |
| Georgia                                                                                         | Macon      | 13193 | R                    | 1.42E-04                                                               | 1.42E-04 | 1.62E-04 | 2.20E-04 | 3.20E-04 | 4.77E-04 | 6.98E-04 | 6.98E-04 | 2.52E-04                         | 5.80E-05          | 8.54E-06         | 1.13E-06          | 0.00E+00                |
| Georgia                                                                                         | Madison    | 13195 | R                    | 1.11E-04                                                               | 1.11E-04 | 1.77E-04 | 2.20E-04 | 2.22E-04 | 2.94E-04 | 3.12E-04 | 3.12E-04 | 1.34E-08                         | 1.50E-04          | 9.25E-06         | 6.29E-05          | 0.00E+00                |
| Georgia                                                                                         | Marion     | 13197 | R                    | 4.09E-04                                                               | 4.09E-04 | 4.09E-04 | 4.33E-04 | 4.33E-04 | 4.57E-04 | 4.57E-04 | 4.57E-04 | 1.20E-04                         | 3.04E-04          | 6.14E-06         | 3.11E-06          | 0.00E+00                |
| Georgia                                                                                         | Meriwether | 13199 | R                    | 4.83E-05                                                               | 4.83E-05 | 6.15E-05 | 7.00E-05 | 8.74E-05 | 1.34E-04 | 1.41E-04 | 1.41E-04 | 1.83E-06                         | 7.35E-05          | 1.16E-05         | 4.69E-07          | 0.00E+00                |
| Georgia                                                                                         | Miller     | 13201 | R                    | 9.88E-05                                                               | 9.88E-05 | 1.02E-04 | 1.11E-04 | 1.12E-04 | 1.22E-04 | 1.27E-04 | 1.27E-04 | 9.53E-05                         | 1.14E-05          | 5.36E-06         | 0.00E+00          | 0.00E+00                |
| Georgia                                                                                         | Mitchell   | 13205 | R                    | 2.18E-05                                                               | 2.18E-05 | 3.64E-05 | 6.70E-05 | 5.50E-05 | 7.06E-05 | 7.07E-05 | 7.07E-05 | 1.35E-06                         | 3.83E-05          | 1.37E-05         | 1.70E-06          | 0.00E+00                |
| Georgia                                                                                         | Monroe     | 13207 | R                    | 5.84E-05                                                               | 5.84E-05 | 6.99E-05 | 1.02E-04 | 1.36E-04 | 2.03E-04 | 2.82E-04 | 2.82E-04 | 1.77E-05                         | 9.82E-05          | 1.61E-05         | 4.43E-06          | 0.00E+00                |
| Georgia                                                                                         | Montgomery | 13209 | R                    | 2.11E-05                                                               | 2.11E-05 | 2.11E-05 | 3.32E-05 | 3.36E-05 | 4.64E-05 | 4.64E-05 | 4.64E-05 | 3.32E-06                         | 2.28E-05          | 7.50E-06         | 0.00E+00          | 0.00E+00                |
| Georgia                                                                                         | Morgan     | 13211 | R                    | 1.30E-04                                                               | 1.30E-04 | 1.39E-04 | 2.77E-04 | 2.73E-04 | 3.64E-04 | 4.57E-04 | 4.57E-04 | 1.18E-06                         | 2.40E-04          | 1.08E-05         | 2.20E-05          | 0.00E+00                |
| Georgia                                                                                         | Murray     | 13213 | R                    | 3.66E-05                                                               | 3.66E-05 | 3.72E-05 | 5.92E-05 | 1.80E-04 | 3.21E-04 | 4.31E-04 | 5.68E-04 | 2.22E-05                         | 1.22E-04          | 2.20E-05         | 1.39E-05          | 0.00E+00                |
| Georgia                                                                                         | Muscogee   | 13215 | U                    | 3.23E-03                                                               | 6.16E-03 | 9.69E-03 | 1.47E-02 | 1.91E-02 | 2.19E-02 | 3.47E-02 | 6.61E-02 | 1.80E-04                         | 1.88E-02          | 5.84E-05         | 1.05E-04          | 0.00E+00                |
| Georgia                                                                                         | Newton     | 13217 | U                    | 3.62E-04                                                               | 3.62E-04 | 1.00E-03 | 1.23E-03 | 1.61E-03 | 2.36E-03 | 3.59E-03 | 3.59E-03 | 4.01E-07                         | 9.87E-04          | 3.81E-05         | 5.85E-04          | 0.00E+00                |
| Georgia                                                                                         | Oconee     | 13219 | R                    | 2.47E-04                                                               | 2.47E-04 | 3.17E-04 | 4.65E-04 | 8.65E-04 | 1.09E-03 | 2.82E-03 | 2.82E-03 | 6.92E-09                         | 7.26E-04          | 1.58E-05         | 1.23E-04          | 0.00E+00                |
| Georgia                                                                                         | Oglethorpe | 13221 | R                    | 8.27E-05                                                               | 8.27E-05 | 8.27E-05 | 8.52E-05 | 1.14E-04 | 1.74E-04 | 1.74E-04 | 1.74E-04 | 0.00E+00                         | 6.40E-05          | 6.68E-06         | 4.35E-05          | 0.00E+00                |
| Georgia                                                                                         | Paulding   | 13223 | U                    | 4.21E-04                                                               | 4.21E-04 | 1.11E-03 | 1.47E-03 | 1.43E-03 | 2.00E-03 | 2.10E-03 | 2.10E-03 | 1.32E-04                         | 8.36E-04          | 4.59E-05         | 4.14E-04          | 0.00E+00                |
| Georgia                                                                                         | Peach      | 13225 | U                    | 1.36E-04                                                               | 1.36E-04 | 1.43E-04 | 1.56E-04 | 1.80E-04 | 2.30E-04 | 2.36E-04 | 2.36E-04 | 5.68E-05                         | 9.79E-05          | 1.75E-05         | 7.93E-06          | 0.00E+00                |
| Georgia                                                                                         | Pickens    | 13227 | U                    | 5.76E-05                                                               | 5.76E-05 | 6.17E-05 | 6.58E-05 | 6.77E-05 | 7.38E-05 | 8.17E-05 | 8.17E-05 | 2.10E-06                         | 4.18E-05          | 2.38E-05         | 0.00E+00          | 0.00E+00                |
| Georgia                                                                                         | Pierce     | 13229 | R                    | 5.99E-05                                                               | 5.99E-05 | 8.14E-05 | 1.10E-04 | 1.01E-04 | 1.21E-04 | 1.24E-04 | 1.24E-04 | 5.33E-05                         | 3.82E-05          | 9.48E-06         | 0.00E+00          | 0.00E+00                |
| Georgia                                                                                         | Pike       | 13231 | R                    | 4.23E-05                                                               | 4.23E-05 | 4.32E-05 | 5.41E-05 | 5.41E-05 | 6.50E-05 | 6.61E-05 | 6.61E-05 | 1.58E-06                         | 4.15E-05          | 1.11E-05         | 0.00E+00          | 0.00E+00                |
| Georgia                                                                                         | Polk       | 13233 | R                    | 3.93E-04                                                               | 3.93E-04 | 6.05E-04 | 6.74E-04 | 7.02E-04 | 8.80E-04 | 9.90E-04 | 9.90E-04 | 2.30E-04                         | 4.30E-04          | 4.17E-05         | 0.00E+00          | 0.00E+00                |
| Georgia                                                                                         | Pulaski    | 13235 | R                    | 3.91E-05                                                               | 3.91E-05 | 3.91E-05 | 1.48E-04 | 1.29E-04 | 2.01E-04 | 2.01E-04 | 2.01E-04 | 8.74E-05                         | 3.22E-05          | 9.21E-06         | 4.27E-07          | 0.00E+00                |
| Georgia                                                                                         | Putnam     | 13237 | R                    | 5.31E-05                                                               | 5.31E-05 | 5.31E-05 | 6.55E-05 | 7.33E-05 | 1.01E-04 | 1.01E-04 | 1.01E-04 | 1.10E-05                         | 5.21E-05          | 1.01E-05         | 0.00E+00          | 0.00E+00                |
| Georgia                                                                                         | Quitman    | 13239 | R                    | 9.74E-05                                                               | 9.74E-05 | 9.74E-05 | 1.01E-04 | 1.01E-04 | 1.04E-04 | 1.04E-04 | 1.04E-04 | 4.81E-05                         | 4.48E-05          | 7.75E-06         | 0.00E+00          | 0.00E+00                |
| Georgia                                                                                         | Rabun      | 13241 | R                    | 4.81E-05                                                               | 4.81E-05 | 4.81E-05 | 8.13E-05 | 7.79E-05 | 1.04E-04 | 1.04E-04 | 1.04E-04 | 3.15E-10                         | 6.43E-05          | 1.36E-05         | 0.00E+00          | 0.00E+00                |
| Georgia                                                                                         | Randolph   | 13243 | R                    | 1.08E-04                                                               | 1.08E-04 | 1.08E-04 | 1.28E-04 | 1.28E-04 | 1.48E-04 | 1.48E-04 | 1.48E-04 | 1.07E-04                         | 1.47E-05          | 5.27E-06         | 2.20E-07          | 0.00E+00                |
| Georgia                                                                                         | Richmond   | 13245 | U                    | 1.16E-03                                                               | 1.29E-03 | 1.56E-03 | 2.01E-03 | 1.95E-03 | 2.22E-03 | 2.59E-03 | 2.69E-03 | 9.65E-04                         | 8.71E-04          | 3.61E-05         | 7.89E-05          | 0.00E+00                |
| Georgia                                                                                         | Rockdale   | 13247 | U                    | 2.88E-03                                                               | 2.88E-03 | 3.09E-03 | 6.79E-03 | 6.63E-03 | 9.60E-03 | 1.07E-02 | 1.07E-02 | 2.02E-06                         | 4.28E-03          | 6.16E-05         | 2.29E-03          | 0.00E+00                |
| Georgia                                                                                         | Schley     | 13249 | R                    | 7.10E-05                                                               | 7.10E-05 | 7.10E-05 | 8.15E-05 | 8.15E-05 | 9.20E-05 | 9.20E-05 | 9.20E-05 | 4.02E-05                         | 3.29E-05          | 8.36E-06         | 0.00E+00          | 0.00E+00                |
| Georgia                                                                                         | Screven    | 13251 | R                    | 1.76E-05                                                               | 1.76E-05 | 2.11E-05 | 3.22E-05 | 3.16E-05 | 4.22E-05 | 4.41E-05 | 4.41E-05 | 4.27E-06                         | 2.02E-05          | 7.10E-06         | 0.00E+00          | 0.00E+00                |
| Georgia                                                                                         | Seminole   | 13253 | R                    | 3.88E-05                                                               | 3.88E-05 | 3.88E-05 | 1.11E-04 | 9.83E-05 | 1.45E-04 | 1.45E-04 | 1.45E-04 | 6.07E-05                         | 2.90E-05          | 8.54E-06         | 0.00E+00          | 0.00E+00                |
| Georgia                                                                                         | Spalding   | 13255 | U                    | 1.69E-04                                                               | 3.64E-04 | 3.74E-04 | 4.33E-04 | 4.47E-04 | 5.21E-04 | 5.69E-04 | 7.55E-04 | 3.66E-06                         | 2.27E-04          | 3.10E-05         | 1.86E-04          | 0.00E+00                |
| Georgia                                                                                         | Stephens   | 13257 | R                    | 8.62E-05                                                               | 8.62E-05 | 9.62E-05 | 1.11E-04 | 1.39E-04 | 1.82E-04 | 2.49E-04 | 2.49E-04 | 3.98E-08                         | 1.02E-04          | 3.75E-05         | 0.00E+00          | 0.00E+00                |
| Georgia                                                                                         | Stewart    | 13259 | R                    | 2.93E-04                                                               | 2.93E-04 | 2.93E-04 | 3.37E-04 | 5.44E-04 | 1.00E-03 | 1.00E-03 | 1.00E-03 | 1.80E-04                         | 3.57E-04          | 5.42E-06         | 2.13E-06          | 0.00E+00                |
| Georgia                                                                                         | Sumter     | 13261 | U                    | 6.87E-05                                                               | 6.87E-05 | 8.62E-05 | 1.35E-04 | 2.67E-04 | 1.70E-04 | 1.29E-03 | 1.29E-03 | 4.90E-05                         | 1.93E-04          | 2.48E-05         | 8.15E-08          | 0.00E+00                |
| Georgia                                                                                         | Talbot     | 13263 | R                    | 1.69E-04                                                               | 1.69E-04 | 1.69E-04 | 3.49E-04 | 3.18E-04 | 4.36E-04 | 4.36E-04 | 4.36E-04 | 1.08E-08                         | 3.07E-04          | 7.52E-06         | 3.68E-06          | 0.00E+00                |
| Georgia                                                                                         | Taliaferro | 13265 | R                    | 2.01E-05                                                               | 2.01E-05 | 2.01E-05 | 2.46E-05 | 2.46E-05 | 2.90E-05 | 2.90E-05 | 2.90E-05 | 7.01E-07                         | 1.98E-05          | 4.09E-06         | 0.00E+00          | 0.00E+00                |
| Georgia                                                                                         | Tattnall   | 13267 | R                    | 2.27E-05                                                               | 2.27E-05 | 2.61E-05 | 1.30E-04 | 1.11E-04 | 1.44E-04 | 2.34E-04 | 2.34E-04 | 4.33E-05                         | 5.87E-05          | 9.27E-06         | 0.00E+00          | 0.00E+00                |
| Georgia                                                                                         | Taylor     | 13269 | R                    | 5.51E-05                                                               | 5.51E-05 | 6.41E-05 | 8.18E-05 | 7.86E-05 | 9.30E-05 | 9.55E-05 | 9.55E-05 | 5.11E-05                         | 2.15E-05          | 5.49E-06         | 5.05E-07          | 0.00E+00                |
| Georgia                                                                                         | Telfair    | 13271 | R                    | 5.83E-05                                                               | 5.83E-05 | 6.05E-05 | 2.15E-04 | 2.15E-04 | 3.70E-04 | 3.74E-04 | 3.74E-04 | 8.40E-06                         | 2.00E-04          | 6.48E-06         | 0.00E+00          | 0.00E+00                |
| Georgia                                                                                         | Terrell    | 13273 | U                    | 2.41E-05                                                               | 2.41E-05 | 2.61E-05 | 2.88E-05 | 3.04E-05 | 3.65E-05 | 3.66E-05 | 3.66E-05 | 5.25E-07                         | 1.98E-05          | 9.59E-06         | 5.40E-07          | 0.00E+00                |
| Georgia                                                                                         | Thomas     | 13275 | R                    | 3.96E-05                                                               | 4.08E-05 | 4.91E-05 | 7.61E-05 | 1.29E-04 | 1.17E-04 | 3.80E-04 | 4.35E-04 | 7.67E-08                         | 9.64E-05          | 3.24E-05         | 1.23E-09          | 0.00E+00                |
| Georgia                                                                                         | Tift       | 13277 | R                    | 5.16E-05                                                               | 5.16E-05 | 3.16E-04 | 4.51E-04 | 4.26E-04 | 5.42E-04 | 6.62E-04 | 6.62E-04 | 7.80E-08                         | 3.86E-04          | 3.96E-05         | 0.00E+00          | 0.00E+00                |
| Georgia                                                                                         | Toombs     | 13279 | U                    | 1.62E-05                                                               | 1.62E-05 | 3.77E-05 | 5.79E-05 | 1.34E-04 | 1.74E-04 | 5.22E-04 | 5.22E-04 | 1.08E-06                         | 1.12E-04          | 2.10E-05         | 0.00E+00          | 0.00E+00                |
| Georgia                                                                                         | Towns      | 13281 | R                    | 3.78E-05                                                               | 3.78E-05 | 3.78E-05 | 4.99E-05 | 4.78E-05 | 5.56E-05 | 5.56E-05 | 5.56E-05 | 2.79E-06                         | 3.23E-05          | 1.26E-05         | 0.00E+00          | 0.00E+00                |
| Georgia                                                                                         | Treutlen   | 13283 | R                    | 3.67E-05                                                               | 3.67E-05 | 3.67E-05 | 3.75E-05 | 3.75E-05 | 3.82E-05 | 3.82E-05 | 3.82E-05 | 8.02E-06                         | 2.23E-05          | 7.11E-06         | 0.00E+00          | 0.00E+00                |
| Georgia                                                                                         | Troup      | 13285 | U                    | 1.16E-04                                                               | 1.21E-04 | 1.27E-04 | 1.56E-04 | 2.00E-04 | 2.02E-04 | 3.51E-04 | 5.06E-04 | 9.83E-07                         | 1.58E-04          | 4.09E-05         | 4.98E-07          | 0.00E+00                |
| Georgia                                                                                         | Turner     | 13287 | U                    | 2.37E-04                                                               | 2.37E-04 | 2.37E-04 | 3.55E-04 | 3.64E-04 | 5.00E-04 | 5.00E-04 | 5.00E-04 | 6.85E-08                         | 3.53E-04          | 1.13E-05         | 0.00E+00          | 0.00E+00                |
| Georgia                                                                                         | Twiggs     | 13289 | U                    | 1.14E-04                                                               | 1.14E-04 | 1.14E-04 | 1.37E-04 | 1.37E-04 | 1.59E-04 | 1.59E-04 | 1.59E-04 | 2.96E-05                         | 6.35E-05          | 1.08E-05         | 3.29E-05          | 0.00E+00                |
| Georgia                                                                                         | Union      | 13291 | R                    | 2.70E-05                                                               | 2.70E-05 | 2.70E-05 | 3.02E-05 | 3.24E-05 | 4.00E-05 | 4.00E-05 | 4.00E-05 | 1.30E-07                         | 2.04E-05          | 1.18E-05         | 0.00E+00          | 0.00E+00                |
| Georgia                                                                                         | Upson      | 13293 | R                    | 4.61E-05                                                               | 4.61E-05 | 4.86E-05 | 5.89E-05 | 7.41E-05 | 8.74E-05 | 1.45E-04 | 1.45E-04 | 2.18E-06                         | 5.34E-05          | 1.85E-05         | 0.00E+00          | 0.00E+00                |

| Estimated Annual Average Ambient Concentrations ( $\mu\text{g}/\text{m}^3$ ) for Lead Compounds |                    |       |                      |                                                                        |          |          |          |          |          |          |          |          |                                  |                  |                   |                         |
|-------------------------------------------------------------------------------------------------|--------------------|-------|----------------------|------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------------------------------|------------------|-------------------|-------------------------|
| State                                                                                           | County             | FIPS  | Urban<br>or<br>Rural | Percentile Distribution of Ambient Concentrations Across Census Tracts |          |          |          |          |          |          |          |          | Contribution to Average from ... |                  |                   |                         |
|                                                                                                 |                    |       |                      | 5th                                                                    | 10th     | 25th     | Median   | Average  | 75th     | 90th     | 95th     | Major    | Area and<br>Other                | Onroad<br>Mobile | Nonroad<br>Mobile | Estimated<br>Background |
| Georgia                                                                                         | Walker             | 13295 | U                    | 7.02E-04                                                               | 7.19E-04 | 1.21E-03 | 1.76E-03 | 1.82E-03 | 2.46E-03 | 2.78E-03 | 3.42E-03 | 4.67E-04 | 1.22E-03                         | 2.94E-05         | 1.07E-04          | 0.00E+00                |
| Georgia                                                                                         | Walton             | 13297 | U                    | 5.03E-04                                                               | 5.03E-04 | 5.92E-04 | 8.60E-04 | 9.59E-04 | 1.37E-03 | 1.53E-03 | 1.53E-03 | 5.39E-09 | 9.00E-04                         | 3.34E-05         | 2.59E-05          | 0.00E+00                |
| Georgia                                                                                         | Ware               | 13299 | R                    | 2.91E-05                                                               | 2.98E-05 | 4.47E-05 | 8.25E-05 | 1.16E-04 | 2.02E-04 | 2.49E-04 | 2.69E-04 | 0.00E+00 | 8.79E-05                         | 2.79E-05         | 0.00E+00          | 0.00E+00                |
| Georgia                                                                                         | Warren             | 13301 | R                    | 3.45E-05                                                               | 3.45E-05 | 4.38E-05 | 1.17E-04 | 1.13E-04 | 1.81E-04 | 1.83E-04 | 1.83E-04 | 5.48E-05 | 5.14E-05                         | 6.37E-06         | 0.00E+00          | 0.00E+00                |
| Georgia                                                                                         | Washington         | 13303 | R                    | 1.65E-05                                                               | 1.65E-05 | 2.31E-05 | 8.72E-05 | 7.77E-05 | 1.15E-04 | 1.35E-04 | 1.35E-04 | 1.85E-06 | 6.55E-05                         | 1.03E-05         | 0.00E+00          | 0.00E+00                |
| Georgia                                                                                         | Wayne              | 13305 | R                    | 1.46E-04                                                               | 1.46E-04 | 2.16E-04 | 3.56E-04 | 4.13E-04 | 5.44E-04 | 8.61E-04 | 8.61E-04 | 3.78E-04 | 2.35E-05                         | 1.09E-05         | 6.97E-07          | 0.00E+00                |
| Georgia                                                                                         | Webster            | 13307 | R                    | 3.91E-05                                                               | 3.91E-05 | 3.91E-05 | 4.41E-05 | 4.41E-05 | 4.90E-05 | 4.90E-05 | 4.90E-05 | 0.00E+00 | 3.94E-05                         | 4.62E-06         | 0.00E+00          | 0.00E+00                |
| Georgia                                                                                         | Wheeler            | 13309 | R                    | 2.19E-05                                                               | 2.19E-05 | 2.19E-05 | 2.55E-05 | 2.55E-05 | 2.91E-05 | 2.91E-05 | 2.91E-05 | 3.10E-06 | 1.61E-05                         | 6.27E-06         | 0.00E+00          | 0.00E+00                |
| Georgia                                                                                         | White              | 13311 | R                    | 4.46E-05                                                               | 4.46E-05 | 4.46E-05 | 4.95E-05 | 5.70E-05 | 7.69E-05 | 7.69E-05 | 7.69E-05 | 5.52E-08 | 3.86E-05                         | 1.83E-05         | 0.00E+00          | 0.00E+00                |
| Georgia                                                                                         | Whitfield          | 13313 | R                    | 4.86E-04                                                               | 5.76E-04 | 7.73E-04 | 1.13E-03 | 1.02E-03 | 1.24E-03 | 1.47E-03 | 1.63E-03 | 1.62E-04 | 7.10E-04                         | 7.98E-05         | 6.96E-05          | 0.00E+00                |
| Georgia                                                                                         | Wilcox             | 13315 | R                    | 2.54E-04                                                               | 2.54E-04 | 3.21E-04 | 4.19E-04 | 4.04E-04 | 4.87E-04 | 5.24E-04 | 5.24E-04 | 0.00E+00 | 3.98E-04                         | 6.14E-06         | 0.00E+00          | 0.00E+00                |
| Georgia                                                                                         | Wilkes             | 13317 | R                    | 1.67E-05                                                               | 1.67E-05 | 1.67E-05 | 2.52E-05 | 3.05E-05 | 4.94E-05 | 4.94E-05 | 4.94E-05 | 2.02E-07 | 2.02E-05                         | 5.45E-06         | 4.62E-06          | 0.00E+00                |
| Georgia                                                                                         | Wilkinson          | 13319 | R                    | 3.97E-05                                                               | 3.97E-05 | 6.36E-05 | 9.04E-05 | 8.45E-05 | 1.05E-04 | 1.17E-04 | 1.17E-04 | 1.55E-05 | 5.07E-05                         | 8.86E-06         | 9.46E-06          | 0.00E+00                |
| Georgia                                                                                         | Worth              | 13321 | R                    | 3.49E-05                                                               | 3.49E-05 | 3.58E-05 | 5.22E-05 | 9.23E-05 | 6.78E-05 | 3.11E-04 | 3.11E-04 | 1.32E-06 | 7.55E-05                         | 1.39E-05         | 1.59E-06          | 0.00E+00                |
| Idaho                                                                                           | Statewide          | N/A   | N/A                  | 7.77E-06                                                               | 1.99E-05 | 6.09E-05 | 2.52E-04 | 1.59E-03 | 1.18E-03 | 2.59E-03 | 4.16E-03 | 6.01E-04 | 1.67E-04                         | 1.55E-05         | 8.10E-04          | 0.00E+00                |
| Idaho                                                                                           | All Urban Counties | N/A   | U                    | 3.55E-05                                                               | 6.16E-05 | 2.24E-04 | 5.98E-04 | 1.59E-03 | 1.77E-03 | 3.26E-03 | 5.32E-03 | 2.77E-05 | 2.34E-04                         | 2.27E-05         | 1.30E-03          | 0.00E+00                |
| Idaho                                                                                           | All Rural Counties | N/A   | R                    | 2.10E-06                                                               | 6.59E-06 | 2.25E-05 | 6.22E-05 | 1.60E-03 | 1.77E-04 | 6.04E-04 | 1.34E-03 | 1.51E-03 | 6.04E-05                         | 4.26E-06         | 2.66E-05          | 0.00E+00                |
| Idaho                                                                                           | Ada                | 16001 | U                    | 6.60E-04                                                               | 1.00E-03 | 1.41E-03 | 2.06E-03 | 3.86E-03 | 3.53E-03 | 5.54E-03 | 1.35E-02 | 0.00E+00 | 3.03E-04                         | 2.95E-05         | 3.53E-03          | 0.00E+00                |
| Idaho                                                                                           | Adams              | 16003 | R                    | 1.99E-05                                                               | 1.99E-05 | 1.99E-05 | 2.26E-05 | 2.26E-05 | 2.54E-05 | 2.54E-05 | 2.54E-05 | 0.00E+00 | 2.19E-05                         | 7.69E-07         | 0.00E+00          | 0.00E+00                |
| Idaho                                                                                           | Bannock            | 16005 | U                    | 2.15E-04                                                               | 2.31E-04 | 2.50E-04 | 3.16E-04 | 3.30E-04 | 3.80E-04 | 4.38E-04 | 4.45E-04 | 0.00E+00 | 2.34E-04                         | 1.08E-05         | 8.50E-05          | 0.00E+00                |
| Idaho                                                                                           | Bear Lake          | 16007 | R                    | 1.87E-05                                                               | 1.87E-05 | 1.87E-05 | 2.00E-05 | 2.00E-05 | 2.12E-05 | 2.12E-05 | 2.12E-05 | 0.00E+00 | 1.89E-05                         | 1.10E-06         | 0.00E+00          | 0.00E+00                |
| Idaho                                                                                           | Benewah            | 16009 | R                    | 3.50E-05                                                               | 3.50E-05 | 3.50E-05 | 3.82E-05 | 3.82E-05 | 4.14E-05 | 4.14E-05 | 4.14E-05 | 0.00E+00 | 3.64E-05                         | 1.86E-06         | 0.00E+00          | 0.00E+00                |
| Idaho                                                                                           | Bingham            | 16011 | R                    | 4.56E-05                                                               | 4.56E-05 | 8.02E-05 | 1.79E-04 | 1.75E-04 | 2.61E-04 | 3.16E-04 | 3.16E-04 | 0.00E+00 | 9.73E-05                         | 6.80E-06         | 7.11E-05          | 0.00E+00                |
| Idaho                                                                                           | Blaine             | 16013 | R                    | 1.26E-04                                                               | 1.26E-04 | 1.97E-04 | 1.98E-04 | 2.64E-04 | 2.81E-04 | 5.18E-04 | 5.18E-04 | 0.00E+00 | 9.06E-06                         | 3.31E-06         | 2.52E-04          | 0.00E+00                |
| Idaho                                                                                           | Boise              | 16015 | R                    | 1.51E-06                                                               | 1.51E-06 | 1.51E-06 | 8.53E-05 | 8.53E-05 | 1.69E-04 | 1.69E-04 | 1.69E-04 | 0.00E+00 | 5.34E-06                         | 9.06E-07         | 7.91E-05          | 0.00E+00                |
| Idaho                                                                                           | Bonner             | 16017 | R                    | 5.88E-06                                                               | 5.88E-06 | 4.37E-05 | 5.26E-05 | 1.58E-04 | 1.04E-04 | 9.32E-04 | 9.32E-04 | 0.00E+00 | 1.54E-04                         | 4.00E-06         | 0.00E+00          | 0.00E+00                |
| Idaho                                                                                           | Bonneville         | 16019 | U                    | 1.86E-05                                                               | 4.42E-05 | 1.63E-04 | 2.71E-04 | 5.00E-04 | 5.68E-04 | 6.07E-04 | 3.26E-03 | 0.00E+00 | 1.13E-04                         | 1.00E-05         | 3.77E-04          | 0.00E+00                |
| Idaho                                                                                           | Boundary           | 16021 | R                    | 7.82E-05                                                               | 7.82E-05 | 7.82E-05 | 8.12E-05 | 8.12E-05 | 8.42E-05 | 8.42E-05 | 8.42E-05 | 0.00E+00 | 7.94E-05                         | 1.83E-06         | 0.00E+00          | 0.00E+00                |
| Idaho                                                                                           | Butte              | 16023 | R                    | 1.41E-01                                                               | 1.41E-01 | 1.41E-01 | 1.41E-01 | 1.41E-01 | 1.41E-01 | 1.41E-01 | 1.41E-01 | 1.41E-01 | 3.95E-06                         | 1.71E-07         | 0.00E+00          | 0.00E+00                |
| Idaho                                                                                           | Camas              | 16025 | R                    | 1.47E-05                                                               | 1.47E-05 | 1.47E-05 | 1.47E-05 | 1.47E-05 | 1.47E-05 | 1.47E-05 | 1.47E-05 | 0.00E+00 | 2.70E-07                         | 1.40E-07         | 1.43E-05          | 0.00E+00                |
| Idaho                                                                                           | Canyon             | 16027 | U                    | 7.53E-05                                                               | 3.98E-04 | 7.27E-04 | 1.07E-03 | 1.19E-03 | 1.79E-03 | 1.97E-03 | 2.07E-03 | 2.45E-07 | 2.66E-04                         | 3.96E-05         | 8.81E-04          | 0.00E+00                |
| Idaho                                                                                           | Caribou            | 16029 | R                    | 7.93E-05                                                               | 7.93E-05 | 7.93E-05 | 9.33E-05 | 9.33E-05 | 1.07E-04 | 1.07E-04 | 1.07E-04 | 0.00E+00 | 9.24E-05                         | 9.52E-07         | 0.00E+00          | 0.00E+00                |
| Idaho                                                                                           | Cassia             | 16031 | R                    | 1.04E-04                                                               | 1.04E-04 | 2.32E-04 | 8.58E-04 | 1.41E-03 | 1.57E-03 | 4.81E-03 | 4.81E-03 | 1.36E-03 | 4.06E-05                         | 7.86E-06         | 6.91E-08          | 0.00E+00                |
| Idaho                                                                                           | Clark              | 16033 | R                    | 4.66E-07                                                               | 4.66E-07 | 4.66E-07 | 4.66E-07 | 4.66E-07 | 4.66E-07 | 4.66E-07 | 4.66E-07 | 0.00E+00 | 1.27E-07                         | 3.39E-07         | 0.00E+00          | 0.00E+00                |
| Idaho                                                                                           | Clearwater         | 16035 | R                    | 4.40E-05                                                               | 4.40E-05 | 4.40E-05 | 1.95E-04 | 1.95E-04 | 3.45E-04 | 3.45E-04 | 3.45E-04 | 5.15E-05 | 1.41E-04                         | 1.68E-06         | 0.00E+00          | 0.00E+00                |
| Idaho                                                                                           | Custer             | 16037 | R                    | 5.24E-07                                                               | 5.24E-07 | 5.24E-07 | 6.01E-07 | 6.01E-07 | 6.77E-07 | 6.77E-07 | 6.77E-07 | 0.00E+00 | 2.51E-07                         | 3.49E-07         | 0.00E+00          | 0.00E+00                |
| Idaho                                                                                           | Elmore             | 16039 | R                    | 4.89E-06                                                               | 4.89E-06 | 2.24E-05 | 2.26E-05 | 3.91E-05 | 2.29E-05 | 1.23E-04 | 1.23E-04 | 0.00E+00 | 3.47E-05                         | 4.45E-06         | 0.00E+00          | 0.00E+00                |
| Idaho                                                                                           | Franklin           | 16041 | R                    | 2.38E-05                                                               | 2.38E-05 | 2.38E-05 | 2.64E-05 | 2.64E-05 | 2.90E-05 | 2.90E-05 | 2.90E-05 | 0.00E+00 | 2.41E-05                         | 2.35E-06         | 0.00E+00          | 0.00E+00                |
| Idaho                                                                                           | Fremont            | 16043 | R                    | 2.10E-06                                                               | 2.10E-06 | 2.10E-06 | 7.05E-06 | 1.34E-05 | 3.10E-05 | 3.10E-05 | 3.10E-05 | 0.00E+00 | 1.11E-05                         | 2.27E-06         | 0.00E+00          | 0.00E+00                |
| Idaho                                                                                           | Gem                | 16045 | R                    | 1.43E-04                                                               | 1.43E-04 | 1.43E-04 | 2.16E-04 | 2.14E-04 | 2.83E-04 | 2.83E-04 | 2.83E-04 | 1.10E-06 | 5.96E-05                         | 8.53E-06         | 1.45E-04          | 0.00E+00                |
| Idaho                                                                                           | Gooding            | 16047 | R                    | 1.03E-05                                                               | 1.03E-05 | 1.03E-05 | 1.75E-05 | 1.75E-05 | 2.48E-05 | 2.48E-05 | 2.48E-05 | 1.56E-07 | 1.34E-05                         | 3.81E-06         | 1.26E-07          | 0.00E+00                |
| Idaho                                                                                           | Idaho              | 16049 | R                    | 7.77E-06                                                               | 7.77E-06 | 1.52E-05 | 6.09E-05 | 7.35E-05 | 7.96E-05 | 2.04E-04 | 2.04E-04 | 6.10E-06 | 6.65E-05                         | 8.69E-07         | 0.00E+00          | 0.00E+00                |
| Idaho                                                                                           | Jefferson          | 16051 | R                    | 1.12E-05                                                               | 1.12E-05 | 4.72E-05 | 1.01E-04 | 9.09E-05 | 1.34E-04 | 1.51E-04 | 1.51E-04 | 0.00E+00 | 2.12E-05                         | 5.32E-06         | 6.43E-05          | 0.00E+00                |
| Idaho                                                                                           | Jerome             | 16053 | R                    | 1.54E-05                                                               | 1.54E-05 | 2.39E-05 | 5.21E-05 | 6.50E-05 | 8.69E-05 | 1.47E-04 | 1.47E-04 | 1.57E-05 | 4.03E-05                         | 8.76E-06         | 2.95E-07          | 0.00E+00                |
| Idaho                                                                                           | Kootenai           | 16055 | U                    | 4.01E-05                                                               | 5.46E-05 | 9.31E-05 | 1.98E-04 | 2.73E-04 | 4.20E-04 | 5.60E-04 | 5.93E-04 | 1.20E-06 | 2.43E-04                         | 2.03E-05         | 8.47E-06          | 0.00E+00                |
| Idaho                                                                                           | Latah              | 16057 | U                    | 2.00E-04                                                               | 2.00E-04 | 4.32E-04 | 1.45E-03 | 1.36E-03 | 2.29E-03 | 2.89E-03 | 2.89E-03 | 2.11E-04 | 3.39E-04                         | 1.65E-05         | 7.95E-04          | 0.00E+00                |
| Idaho                                                                                           | Lemhi              | 16059 | R                    | 1.02E-05                                                               | 1.02E-05 | 1.02E-05 | 2.35E-05 | 1.90E-05 | 2.35E-05 | 2.35E-05 | 2.35E-05 | 0.00E+00 | 1.81E-05                         | 9.73E-07         | 0.00E+00          | 0.00E+00                |
| Idaho                                                                                           | Lewis              | 16061 | R                    | 1.74E-04                                                               | 1.74E-04 | 1.74E-04 | 1.79E-04 | 3.26E-04 | 6.25E-04 | 6.25E-04 | 6.25E-04 | 3.24E-05 | 2.72E-04                         | 2.21E-06         | 1.93E-05          | 0.00E+00                |
| Idaho                                                                                           | Lincoln            | 16063 | R                    | 6.59E-06                                                               | 6.59E-06 | 6.59E-06 | 6.59E-06 | 6.59E-06 | 6.59E-06 | 6.59E-06 | 6.59E-06 | 1.41E-07 | 5.88E-06                         | 5.69E-07         | 0.00E+00          | 0.00E+00                |
| Idaho                                                                                           | Madison            | 16065 | U                    | 7.43E-05                                                               | 7.43E-05 | 7.52E-05 | 9.31E-05 | 4.44E-04 | 9.88E-04 | 9.91E-04 | 9.91E-04 | 0.00E+00 | 3.90E-04                         | 1.69E-05         | 3.72E-05          | 0.00E+00                |

| Estimated Annual Average Ambient Concentrations (µg/m <sup>3</sup> ) for Lead Compounds |                    |            |                      |                                                                        |                 |                 |                 |                 |                 |                 |                 |                                  |                   |                  |                   |                         |
|-----------------------------------------------------------------------------------------|--------------------|------------|----------------------|------------------------------------------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------------------------|-------------------|------------------|-------------------|-------------------------|
| State                                                                                   | County             | FIPS       | Urban<br>or<br>Rural | Percentile Distribution of Ambient Concentrations Across Census Tracts |                 |                 |                 |                 |                 |                 |                 | Contribution to Average from ... |                   |                  |                   |                         |
|                                                                                         |                    |            |                      | 5th                                                                    | 10th            | 25th            | Median          | Average         | 75th            | 90th            | 95th            | Major                            | Area and<br>Other | Onroad<br>Mobile | Nonroad<br>Mobile | Estimated<br>Background |
| Idaho                                                                                   | Minidoka           | 16067      | R                    | 6.04E-04                                                               | 6.04E-04        | 7.89E-04        | 1.34E-03        | 1.56E-03        | 1.38E-03        | 3.70E-03        | 3.70E-03        | 1.46E-03                         | 9.38E-05          | 9.41E-06         | 0.00E+00          | 0.00E+00                |
| Idaho                                                                                   | Nez Perce          | 16069      | U                    | 3.00E-04                                                               | 5.20E-04        | 1.74E-03        | 2.60E-03        | 3.72E-03        | 5.74E-03        | 8.16E-03        | 9.94E-03        | 2.77E-04                         | 2.05E-04          | 2.99E-05         | 3.21E-03          | 0.00E+00                |
| Idaho                                                                                   | Oneida             | 16071      | R                    | 6.82E-05                                                               | 6.82E-05        | 6.82E-05        | 6.82E-05        | 6.82E-05        | 6.82E-05        | 6.82E-05        | 6.82E-05        | 0.00E+00                         | 6.65E-05          | 1.70E-06         | 0.00E+00          | 0.00E+00                |
| Idaho                                                                                   | Owyhee             | 16073      | R                    | 1.50E-06                                                               | 1.50E-06        | 1.50E-06        | 1.78E-05        | 1.78E-05        | 3.41E-05        | 3.41E-05        | 3.41E-05        | 3.11E-07                         | 1.37E-05          | 3.78E-06         | 0.00E+00          | 0.00E+00                |
| Idaho                                                                                   | Payette            | 16075      | R                    | 3.47E-05                                                               | 3.47E-05        | 4.18E-05        | 9.06E-05        | 9.17E-05        | 1.42E-04        | 1.51E-04        | 1.51E-04        | 3.58E-06                         | 7.54E-05          | 1.27E-05         | 0.00E+00          | 0.00E+00                |
| Idaho                                                                                   | Power              | 16077      | U                    | 4.87E-05                                                               | 4.87E-05        | 4.87E-05        | 1.30E-04        | 1.30E-04        | 2.11E-04        | 2.11E-04        | 2.11E-04        | 0.00E+00                         | 7.90E-05          | 1.53E-06         | 4.93E-05          | 0.00E+00                |
| Idaho                                                                                   | Shoshone           | 16079      | R                    | 2.96E-06                                                               | 2.96E-06        | 1.64E-05        | 2.13E-05        | 3.66E-05        | 7.04E-05        | 7.18E-05        | 7.18E-05        | 0.00E+00                         | 3.44E-05          | 2.15E-06         | 0.00E+00          | 0.00E+00                |
| Idaho                                                                                   | Teton              | 16081      | R                    | 2.47E-05                                                               | 2.47E-05        | 2.47E-05        | 2.47E-05        | 2.47E-05        | 2.47E-05        | 2.47E-05        | 2.47E-05        | 0.00E+00                         | 5.90E-06          | 1.67E-06         | 1.71E-05          | 0.00E+00                |
| Idaho                                                                                   | Twin Falls         | 16083      | U                    | 1.02E-05                                                               | 1.43E-05        | 3.55E-05        | 7.71E-05        | 1.08E-04        | 1.75E-04        | 2.27E-04        | 3.14E-04        | 2.10E-05                         | 6.82E-05          | 1.60E-05         | 2.48E-06          | 0.00E+00                |
| Idaho                                                                                   | Valley             | 16085      | R                    | 2.90E-06                                                               | 2.90E-06        | 2.90E-06        | 1.09E-05        | 1.37E-05        | 2.73E-05        | 2.73E-05        | 2.73E-05        | 0.00E+00                         | 1.26E-05          | 1.17E-06         | 0.00E+00          | 0.00E+00                |
| Idaho                                                                                   | Washington         | 16087      | U                    | 4.54E-06                                                               | 4.54E-06        | 4.54E-06        | 2.84E-05        | 2.16E-05        | 3.19E-05        | 3.19E-05        | 3.19E-05        | 2.56E-06                         | 1.57E-05          | 3.38E-06         | 0.00E+00          | 0.00E+00                |
| <b>Illinois</b>                                                                         | <b>Statewide</b>   | <b>N/A</b> | <b>N/A</b>           | <b>1.16E-04</b>                                                        | <b>2.54E-04</b> | <b>1.12E-03</b> | <b>6.37E-03</b> | <b>1.02E-02</b> | <b>1.53E-02</b> | <b>2.01E-02</b> | <b>2.71E-02</b> | <b>3.97E-04</b>                  | <b>2.76E-03</b>   | <b>7.26E-05</b>  | <b>6.94E-03</b>   | <b>0.00E+00</b>         |
| Illinois                                                                                | All Urban Counties | N/A        | U                    | 2.67E-04                                                               | 5.73E-04        | 2.62E-03        | 8.01E-03        | 1.14E-02        | 1.58E-02        | 2.08E-02        | 2.83E-02        | 4.29E-04                         | 3.08E-03          | 8.02E-05         | 7.82E-03          | 0.00E+00                |
| Illinois                                                                                | All Rural Counties | N/A        | R                    | 2.71E-05                                                               | 3.41E-05        | 8.17E-05        | 2.32E-04        | 4.38E-04        | 4.54E-04        | 7.50E-04        | 1.14E-03        | 1.43E-04                         | 2.57E-04          | 1.25E-05         | 2.61E-05          | 0.00E+00                |
| Illinois                                                                                | Adams              | 17001      | U                    | 1.08E-04                                                               | 2.89E-04        | 7.33E-04        | 9.31E-04        | 8.73E-04        | 1.06E-03        | 1.32E-03        | 1.43E-03        | 3.77E-04                         | 4.16E-04          | 2.81E-05         | 5.26E-05          | 0.00E+00                |
| Illinois                                                                                | Alexander          | 17003      | R                    | 9.75E-05                                                               | 9.75E-05        | 9.87E-05        | 1.54E-04        | 1.57E-04        | 2.15E-04        | 2.21E-04        | 2.21E-04        | 6.08E-05                         | 7.14E-05          | 9.99E-06         | 1.46E-05          | 0.00E+00                |
| Illinois                                                                                | Bond               | 17005      | R                    | 3.82E-05                                                               | 3.82E-05        | 4.41E-05        | 5.39E-05        | 8.81E-05        | 1.32E-04        | 2.06E-04        | 2.06E-04        | 3.03E-08                         | 7.55E-05          | 1.24E-05         | 1.43E-07          | 0.00E+00                |
| Illinois                                                                                | Boone              | 17007      | U                    | 3.38E-04                                                               | 3.38E-04        | 4.55E-04        | 6.04E-04        | 6.04E-04        | 7.75E-04        | 8.47E-04        | 8.47E-04        | 1.12E-05                         | 5.07E-04          | 1.81E-05         | 6.73E-05          | 0.00E+00                |
| Illinois                                                                                | Brown              | 17009      | R                    | 3.39E-05                                                               | 3.39E-05        | 3.39E-05        | 3.67E-05        | 3.67E-05        | 3.95E-05        | 3.95E-05        | 3.95E-05        | 0.00E+00                         | 1.56E-05          | 5.65E-06         | 1.54E-05          | 0.00E+00                |
| Illinois                                                                                | Bureau             | 17011      | R                    | 3.63E-05                                                               | 9.43E-05        | 2.66E-04        | 3.61E-04        | 3.34E-04        | 3.99E-04        | 5.52E-04        | 6.40E-04        | 2.04E-05                         | 2.95E-04          | 1.16E-05         | 7.67E-06          | 0.00E+00                |
| Illinois                                                                                | Calhoun            | 17013      | R                    | 1.16E-04                                                               | 1.16E-04        | 1.16E-04        | 9.69E-04        | 9.69E-04        | 1.82E-03        | 1.82E-03        | 1.82E-03        | 5.27E-05                         | 8.14E-05          | 9.06E-06         | 8.26E-04          | 0.00E+00                |
| Illinois                                                                                | Carroll            | 17015      | R                    | 2.82E-04                                                               | 2.82E-04        | 3.72E-04        | 4.77E-04        | 4.85E-04        | 5.86E-04        | 7.16E-04        | 7.16E-04        | 6.28E-05                         | 4.06E-04          | 7.56E-06         | 9.04E-06          | 0.00E+00                |
| Illinois                                                                                | Cass               | 17017      | R                    | 3.02E-05                                                               | 3.02E-05        | 3.15E-05        | 4.26E-05        | 2.72E-04        | 6.27E-04        | 6.27E-04        | 6.27E-04        | 2.44E-09                         | 2.58E-04          | 1.32E-05         | 3.63E-07          | 0.00E+00                |
| Illinois                                                                                | Champaign          | 17019      | U                    | 8.21E-05                                                               | 1.07E-04        | 3.20E-04        | 4.92E-04        | 5.90E-04        | 7.52E-04        | 1.33E-03        | 1.56E-03        | 2.50E-06                         | 4.81E-04          | 1.66E-05         | 9.03E-05          | 0.00E+00                |
| Illinois                                                                                | Christian          | 17021      | R                    | 3.03E-05                                                               | 4.19E-05        | 5.81E-05        | 1.58E-04        | 1.30E-04        | 1.79E-04        | 1.94E-04        | 2.02E-04        | 4.52E-05                         | 6.78E-05          | 1.59E-05         | 1.58E-06          | 0.00E+00                |
| Illinois                                                                                | Clark              | 17023      | R                    | 1.54E-04                                                               | 1.54E-04        | 1.70E-04        | 2.72E-04        | 3.05E-04        | 4.40E-04        | 5.21E-04        | 5.21E-04        | 5.06E-05                         | 2.42E-04          | 9.46E-06         | 2.89E-06          | 0.00E+00                |
| Illinois                                                                                | Clay               | 17025      | R                    | 3.11E-05                                                               | 3.11E-05        | 5.50E-05        | 1.06E-04        | 1.84E-04        | 3.01E-04        | 4.28E-04        | 4.28E-04        | 1.96E-07                         | 1.73E-04          | 1.09E-05         | 0.00E+00          | 0.00E+00                |
| Illinois                                                                                | Clinton            | 17027      | U                    | 7.66E-05                                                               | 7.66E-05        | 9.69E-05        | 1.92E-04        | 2.55E-04        | 4.36E-04        | 5.37E-04        | 5.37E-04        | 7.51E-07                         | 2.45E-04          | 8.73E-06         | 1.48E-07          | 0.00E+00                |
| Illinois                                                                                | Coles              | 17029      | U                    | 2.54E-04                                                               | 2.54E-04        | 6.34E-04        | 1.12E-03        | 1.16E-03        | 1.67E-03        | 1.97E-03        | 2.47E-03        | 7.92E-04                         | 3.27E-04          | 3.93E-05         | 6.59E-07          | 0.00E+00                |
| Illinois                                                                                | Cook               | 17031      | U                    | 4.40E-03                                                               | 5.74E-03        | 9.39E-03        | 1.50E-02        | 1.76E-02        | 1.87E-02        | 2.67E-02        | 3.84E-02        | 1.65E-04                         | 4.43E-03          | 1.19E-04         | 1.28E-02          | 0.00E+00                |
| Illinois                                                                                | Crawford           | 17033      | R                    | 3.70E-05                                                               | 3.70E-05        | 4.66E-05        | 1.02E-04        | 1.19E-04        | 1.87E-04        | 2.38E-04        | 2.38E-04        | 2.40E-05                         | 8.17E-05          | 1.31E-05         | 0.00E+00          | 0.00E+00                |
| Illinois                                                                                | Cumberland         | 17035      | R                    | 1.21E-04                                                               | 1.21E-04        | 1.21E-04        | 1.63E-04        | 1.73E-04        | 2.34E-04        | 2.34E-04        | 2.34E-04        | 1.06E-04                         | 6.01E-05          | 6.62E-06         | 3.58E-08          | 0.00E+00                |
| Illinois                                                                                | DeKalb             | 17037      | U                    | 3.80E-04                                                               | 3.81E-04        | 4.37E-04        | 5.67E-04        | 1.22E-03        | 1.36E-03        | 2.54E-03        | 2.87E-03        | 3.97E-06                         | 1.14E-03          | 4.55E-05         | 2.94E-05          | 0.00E+00                |
| Illinois                                                                                | De Witt            | 17039      | R                    | 1.59E-04                                                               | 1.59E-04        | 2.90E-04        | 3.04E-04        | 4.01E-04        | 5.19E-04        | 7.31E-04        | 7.31E-04        | 1.67E-04                         | 2.19E-04          | 1.35E-05         | 1.58E-06          | 0.00E+00                |
| Illinois                                                                                | Douglas            | 17041      | R                    | 1.65E-04                                                               | 1.65E-04        | 2.37E-04        | 4.00E-04        | 3.65E-04        | 5.05E-04        | 5.17E-04        | 5.17E-04        | 2.11E-04                         | 1.30E-04          | 9.27E-06         | 1.48E-05          | 0.00E+00                |
| Illinois                                                                                | Du Page            | 17043      | U                    | 5.30E-03                                                               | 5.63E-03        | 6.59E-03        | 9.18E-03        | 1.26E-02        | 1.39E-02        | 2.21E-02        | 3.63E-02        | 3.15E-05                         | 2.11E-03          | 7.06E-05         | 1.04E-02          | 0.00E+00                |
| Illinois                                                                                | Edgar              | 17045      | R                    | 2.37E-04                                                               | 2.37E-04        | 3.07E-04        | 5.10E-04        | 4.39E-04        | 5.35E-04        | 6.03E-04        | 6.03E-04        | 5.50E-05                         | 3.60E-04          | 1.22E-05         | 1.16E-05          | 0.00E+00                |
| Illinois                                                                                | Edward             | 17047      | R                    | 3.63E-05                                                               | 3.63E-05        | 3.63E-05        | 5.76E-05        | 5.49E-05        | 7.07E-05        | 7.07E-05        | 7.07E-05        | 5.19E-06                         | 4.15E-05          | 7.66E-06         | 4.72E-07          | 0.00E+00                |
| Illinois                                                                                | Effingham          | 17049      | R                    | 3.48E-05                                                               | 3.48E-05        | 4.13E-05        | 9.22E-05        | 2.13E-04        | 3.97E-04        | 6.05E-04        | 6.05E-04        | 3.95E-05                         | 1.55E-04          | 1.78E-05         | 9.41E-09          | 0.00E+00                |
| Illinois                                                                                | Fayette            | 17051      | R                    | 1.31E-05                                                               | 1.31E-05        | 1.85E-05        | 2.80E-05        | 5.20E-05        | 1.25E-04        | 1.25E-04        | 1.25E-04        | 6.73E-08                         | 4.24E-05          | 9.49E-06         | 0.00E+00          | 0.00E+00                |
| Illinois                                                                                | Ford               | 17053      | U                    | 4.22E-05                                                               | 4.22E-05        | 5.63E-05        | 8.55E-05        | 1.25E-04        | 1.44E-04        | 2.97E-04        | 2.97E-04        | 9.77E-09                         | 1.13E-04          | 7.21E-06         | 4.43E-06          | 0.00E+00                |
| Illinois                                                                                | Franklin           | 17055      | R                    | 1.17E-04                                                               | 1.54E-04        | 1.63E-04        | 2.34E-04        | 2.20E-04        | 2.67E-04        | 2.91E-04        | 3.15E-04        | 8.20E-07                         | 1.59E-04          | 2.88E-05         | 3.07E-05          | 0.00E+00                |
| Illinois                                                                                | Fulton             | 17057      | R                    | 3.35E-05                                                               | 4.37E-05        | 1.98E-04        | 6.32E-04        | 5.60E-04        | 8.70E-04        | 9.82E-04        | 1.01E-03        | 1.36E-04                         | 3.82E-04          | 1.39E-05         | 2.77E-05          | 0.00E+00                |
| Illinois                                                                                | Gallatin           | 17059      | R                    | 2.83E-05                                                               | 2.83E-05        | 2.83E-05        | 3.14E-05        | 3.14E-05        | 3.44E-05        | 3.44E-05        | 3.44E-05        | 7.04E-06                         | 1.92E-05          | 4.57E-06         | 5.38E-07          | 0.00E+00                |
| Illinois                                                                                | Greene             | 17061      | R                    | 2.05E-05                                                               | 2.05E-05        | 3.56E-05        | 1.14E-04        | 8.55E-05        | 1.22E-04        | 1.36E-04        | 1.36E-04        | 4.83E-05                         | 3.01E-05          | 7.17E-06         | 0.00E+00          | 0.00E+00                |
| Illinois                                                                                | Grundy             | 17063      | U                    | 1.70E-03                                                               | 1.70E-03        | 1.94E-03        | 2.27E-03        | 2.51E-03        | 3.15E-03        | 4.09E-03        | 4.09E-03        | 2.61E-05                         | 2.48E-03          | 1.24E-05         | 5.60E-08          | 0.00E+00                |
| Illinois                                                                                | Hamilton           | 17065      | R                    | 4.91E-05                                                               | 4.91E-05        | 4.91E-05        | 5.11E-05        | 7.54E-05        | 1.26E-04        | 1.26E-04        | 1.26E-04        | 1.08E-07                         | 6.38E-05          | 8.54E-06         | 2.93E-06          | 0.00E+00                |
| Illinois                                                                                | Hancock            | 17067      | R                    | 4.07E-05                                                               | 4.07E-05        | 6.22E-05        | 5.37E-04        | 4.77E-04        | 7.04E-04        | 1.17E-03        | 1.17E-03        | 3.04E-06                         | 4.15E-04          | 6.36E-06         | 5.28E-05          | 0.00E+00                |
| Illinois                                                                                | Hardin             | 17069      | R                    | 3.24E-05                                                               | 3.24E-05        | 3.24E-05        | 2.23E-04        | 2.23E-04        | 4.14E-04        | 4.14E-04        | 4.14E-04        | 3.58E-06                         | 2.14E-04          | 5.04E-06         | 0.00E+00          | 0.00E+00                |
| Illinois                                                                                | Henderson          | 17071      | R                    | 3.91E-04                                                               | 3.91E-04        | 3.91E-04        | 6.32E-04        | 6.12E-04        | 8.12E-04        | 8.12E-04        | 8.12E-04        | 4.81E-06                         | 5.40E-04          | 4.61E-06         | 6.19E-05          | 0.00E+00                |

| Estimated Annual Average Ambient Concentrations ( $\mu\text{g}/\text{m}^3$ ) for Lead Compounds |             |       |                      |                                                                        |          |          |          |          |          |          |          |                                  |                   |                  |                   |                         |
|-------------------------------------------------------------------------------------------------|-------------|-------|----------------------|------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------------------------------|-------------------|------------------|-------------------|-------------------------|
| State                                                                                           | County      | FIPS  | Urban<br>or<br>Rural | Percentile Distribution of Ambient Concentrations Across Census Tracts |          |          |          |          |          |          |          | Contribution to Average from ... |                   |                  |                   |                         |
|                                                                                                 |             |       |                      | 5th                                                                    | 10th     | 25th     | Median   | Average  | 75th     | 90th     | 95th     | Major                            | Area and<br>Other | Onroad<br>Mobile | Nonroad<br>Mobile | Estimated<br>Background |
| Illinois                                                                                        | Henry       | 17073 | U                    | 1.03E-04                                                               | 1.09E-04 | 1.14E-04 | 1.93E-04 | 2.97E-04 | 4.55E-04 | 5.63E-04 | 6.54E-04 | 9.85E-06                         | 1.93E-04          | 8.74E-06         | 8.50E-05          | 0.00E+00                |
| Illinois                                                                                        | Iroquois    | 17075 | R                    | 2.72E-05                                                               | 2.72E-05 | 2.85E-05 | 2.73E-04 | 2.75E-04 | 3.70E-04 | 7.92E-04 | 7.92E-04 | 1.26E-08                         | 2.69E-04          | 5.45E-06         | 4.59E-07          | 0.00E+00                |
| Illinois                                                                                        | Jackson     | 17077 | U                    | 1.24E-04                                                               | 1.25E-04 | 1.87E-04 | 2.44E-04 | 2.85E-04 | 3.08E-04 | 3.61E-04 | 9.60E-04 | 1.45E-06                         | 1.85E-04          | 3.13E-05         | 6.77E-05          | 0.00E+00                |
| Illinois                                                                                        | Jasper      | 17079 | R                    | 3.56E-05                                                               | 3.56E-05 | 3.56E-05 | 3.82E-05 | 1.56E-04 | 3.95E-04 | 3.95E-04 | 3.95E-04 | 1.63E-06                         | 1.43E-04          | 1.18E-05         | 4.90E-09          | 0.00E+00                |
| Illinois                                                                                        | Jefferson   | 17081 | R                    | 9.40E-05                                                               | 1.24E-04 | 1.29E-04 | 4.54E-04 | 6.78E-04 | 1.16E-03 | 1.50E-03 | 1.83E-03 | 2.75E-08                         | 6.55E-04          | 2.29E-05         | 0.00E+00          | 0.00E+00                |
| Illinois                                                                                        | Jersey      | 17083 | U                    | 1.95E-03                                                               | 1.95E-03 | 1.95E-03 | 2.43E-03 | 2.70E-03 | 3.24E-03 | 3.94E-03 | 3.94E-03 | 1.09E-05                         | 2.47E-04          | 1.27E-05         | 2.43E-03          | 0.00E+00                |
| Illinois                                                                                        | Jo Daviess  | 17085 | R                    | 3.88E-04                                                               | 3.88E-04 | 5.46E-04 | 9.68E-04 | 1.37E-03 | 1.66E-03 | 3.29E-03 | 3.29E-03 | 1.33E-06                         | 1.32E-03          | 5.01E-06         | 3.85E-05          | 0.00E+00                |
| Illinois                                                                                        | Johnson     | 17087 | R                    | 3.39E-04                                                               | 3.39E-04 | 3.39E-04 | 4.38E-04 | 4.67E-04 | 6.24E-04 | 6.24E-04 | 6.24E-04 | 1.08E-04                         | 2.94E-04          | 8.36E-06         | 5.72E-05          | 0.00E+00                |
| Illinois                                                                                        | Kane        | 17089 | U                    | 2.25E-03                                                               | 2.55E-03 | 2.86E-03 | 3.60E-03 | 3.64E-03 | 4.49E-03 | 4.80E-03 | 5.00E-03 | 1.29E-05                         | 1.69E-03          | 4.95E-05         | 1.88E-03          | 0.00E+00                |
| Illinois                                                                                        | Kankakee    | 17091 | U                    | 1.37E-03                                                               | 2.25E-03 | 3.10E-03 | 5.78E-03 | 6.69E-03 | 9.94E-03 | 1.34E-02 | 1.43E-02 | 1.79E-04                         | 6.50E-03          | 1.13E-05         | 3.19E-07          | 0.00E+00                |
| Illinois                                                                                        | Kendall     | 17093 | U                    | 6.51E-04                                                               | 6.51E-04 | 8.02E-04 | 2.00E-03 | 2.55E-03 | 4.44E-03 | 5.24E-03 | 5.24E-03 | 1.45E-05                         | 1.69E-03          | 2.50E-05         | 8.21E-04          | 0.00E+00                |
| Illinois                                                                                        | Knox        | 17095 | U                    | 1.52E-04                                                               | 1.92E-04 | 4.00E-04 | 9.83E-04 | 1.87E-03 | 2.68E-03 | 4.36E-03 | 7.68E-03 | 7.35E-06                         | 1.82E-03          | 3.44E-05         | 4.85E-06          | 0.00E+00                |
| Illinois                                                                                        | Lake        | 17097 | U                    | 6.79E-04                                                               | 9.55E-04 | 3.56E-03 | 5.90E-03 | 5.71E-03 | 7.47E-03 | 9.24E-03 | 1.18E-02 | 1.81E-05                         | 1.22E-03          | 5.56E-05         | 4.41E-03          | 0.00E+00                |
| Illinois                                                                                        | La Salle    | 17099 | U                    | 5.42E-04                                                               | 5.48E-04 | 6.41E-04 | 9.56E-04 | 9.59E-04 | 1.13E-03 | 1.35E-03 | 1.41E-03 | 3.14E-06                         | 9.29E-04          | 2.61E-05         | 2.29E-09          | 0.00E+00                |
| Illinois                                                                                        | Lawrence    | 17101 | R                    | 2.69E-05                                                               | 2.69E-05 | 4.44E-05 | 7.53E-05 | 1.23E-04 | 2.33E-04 | 2.35E-04 | 2.35E-04 | 1.49E-05                         | 8.83E-05          | 1.96E-05         | 0.00E+00          | 0.00E+00                |
| Illinois                                                                                        | Lee         | 17103 | R                    | 1.65E-04                                                               | 1.65E-04 | 2.86E-04 | 3.67E-04 | 4.51E-04 | 6.74E-04 | 8.48E-04 | 8.48E-04 | 6.47E-05                         | 3.41E-04          | 1.69E-05         | 2.86E-05          | 0.00E+00                |
| Illinois                                                                                        | Livingston  | 17105 | U                    | 4.04E-05                                                               | 4.87E-05 | 1.58E-04 | 2.06E-04 | 2.64E-04 | 4.35E-04 | 5.76E-04 | 7.04E-04 | 7.28E-07                         | 2.54E-04          | 9.54E-06         | 1.41E-07          | 0.00E+00                |
| Illinois                                                                                        | Logan       | 17107 | R                    | 1.17E-04                                                               | 1.17E-04 | 1.51E-04 | 4.54E-04 | 4.05E-04 | 6.12E-04 | 6.84E-04 | 6.84E-04 | 6.51E-05                         | 3.12E-04          | 2.04E-05         | 7.09E-06          | 0.00E+00                |
| Illinois                                                                                        | McDonough   | 17109 | U                    | 5.18E-05                                                               | 5.33E-05 | 7.93E-05 | 2.70E-04 | 3.41E-04 | 5.86E-04 | 6.00E-04 | 9.94E-04 | 1.57E-06                         | 3.10E-04          | 2.53E-05         | 3.99E-06          | 0.00E+00                |
| Illinois                                                                                        | McHenry     | 17111 | U                    | 4.95E-04                                                               | 6.95E-04 | 9.85E-04 | 2.01E-03 | 2.18E-03 | 2.60E-03 | 5.20E-03 | 5.65E-03 | 3.68E-05                         | 1.60E-03          | 3.11E-05         | 5.19E-04          | 0.00E+00                |
| Illinois                                                                                        | McLean      | 17113 | U                    | 2.66E-05                                                               | 4.92E-05 | 1.49E-04 | 2.63E-04 | 2.65E-04 | 3.50E-04 | 4.43E-04 | 5.42E-04 | 1.09E-05                         | 2.34E-04          | 1.48E-05         | 5.32E-06          | 0.00E+00                |
| Illinois                                                                                        | Macon       | 17115 | U                    | 2.58E-04                                                               | 5.64E-04 | 1.28E-03 | 2.35E-03 | 3.00E-03 | 4.05E-03 | 5.76E-03 | 8.53E-03 | 7.50E-04                         | 2.23E-03          | 2.04E-05         | 1.15E-06          | 0.00E+00                |
| Illinois                                                                                        | Macoupin    | 17117 | R                    | 1.87E-05                                                               | 2.03E-05 | 5.14E-05 | 8.02E-05 | 2.59E-04 | 9.41E-05 | 1.08E-03 | 1.47E-03 | 2.60E-06                         | 7.71E-05          | 1.33E-05         | 1.66E-04          | 0.00E+00                |
| Illinois                                                                                        | Madison     | 17119 | U                    | 6.95E-04                                                               | 2.82E-03 | 3.75E-03 | 4.23E-03 | 5.32E-03 | 5.85E-03 | 8.11E-03 | 8.95E-03 | 1.48E-04                         | 1.88E-03          | 3.94E-05         | 3.25E-03          | 0.00E+00                |
| Illinois                                                                                        | Marion      | 17121 | R                    | 5.16E-05                                                               | 6.34E-05 | 9.05E-05 | 1.78E-04 | 3.01E-04 | 4.65E-04 | 5.65E-04 | 9.76E-04 | 2.71E-09                         | 2.79E-04          | 2.14E-05         | 0.00E+00          | 0.00E+00                |
| Illinois                                                                                        | Marshall    | 17123 | R                    | 2.48E-04                                                               | 2.48E-04 | 2.62E-04 | 4.46E-04 | 4.30E-04 | 5.58E-04 | 6.33E-04 | 6.33E-04 | 9.84E-05                         | 3.07E-04          | 7.49E-06         | 1.62E-05          | 0.00E+00                |
| Illinois                                                                                        | Mason       | 17125 | R                    | 2.21E-05                                                               | 2.21E-05 | 2.55E-04 | 4.73E-04 | 5.16E-04 | 5.60E-04 | 1.31E-03 | 1.31E-03 | 1.29E-04                         | 3.58E-04          | 7.26E-06         | 2.15E-05          | 0.00E+00                |
| Illinois                                                                                        | Massac      | 17127 | R                    | 1.39E-03                                                               | 1.39E-03 | 1.40E-03 | 1.43E-03 | 1.49E-03 | 1.57E-03 | 1.71E-03 | 1.71E-03 | 1.47E-04                         | 1.07E-03          | 2.56E-05         | 2.43E-04          | 0.00E+00                |
| Illinois                                                                                        | Menard      | 17129 | R                    | 4.03E-05                                                               | 4.03E-05 | 4.03E-05 | 4.55E-05 | 4.92E-05 | 6.17E-05 | 6.17E-05 | 6.17E-05 | 4.03E-08                         | 3.93E-05          | 4.33E-06         | 5.54E-06          | 0.00E+00                |
| Illinois                                                                                        | Mercer      | 17131 | R                    | 1.48E-04                                                               | 1.48E-04 | 1.80E-04 | 2.42E-04 | 2.44E-04 | 3.08E-04 | 3.43E-04 | 3.43E-04 | 1.90E-05                         | 1.14E-04          | 8.06E-06         | 1.03E-04          | 0.00E+00                |
| Illinois                                                                                        | Monroe      | 17133 | U                    | 2.03E-02                                                               | 2.03E-02 | 2.03E-02 | 6.14E-02 | 5.40E-02 | 8.03E-02 | 8.03E-02 | 8.03E-02 | 5.23E-02                         | 7.41E-04          | 1.93E-05         | 9.30E-04          | 0.00E+00                |
| Illinois                                                                                        | Montgomery  | 17135 | R                    | 1.91E-05                                                               | 1.91E-05 | 1.94E-05 | 2.38E-05 | 5.81E-05 | 1.01E-04 | 1.56E-04 | 1.56E-04 | 0.00E+00                         | 4.40E-05          | 1.39E-05         | 1.24E-07          | 0.00E+00                |
| Illinois                                                                                        | Morgan      | 17137 | U                    | 1.71E-05                                                               | 2.17E-05 | 2.95E-05 | 1.41E-04 | 1.55E-04 | 2.50E-04 | 3.34E-04 | 3.45E-04 | 1.45E-09                         | 1.33E-04          | 2.05E-05         | 9.82E-07          | 0.00E+00                |
| Illinois                                                                                        | Moultrie    | 17139 | R                    | 1.87E-04                                                               | 1.87E-04 | 2.10E-04 | 2.49E-04 | 2.48E-04 | 2.86E-04 | 3.08E-04 | 3.08E-04 | 1.39E-04                         | 9.87E-05          | 1.03E-05         | 1.56E-07          | 0.00E+00                |
| Illinois                                                                                        | Ogle        | 17141 | U                    | 2.39E-04                                                               | 2.44E-04 | 2.56E-04 | 2.93E-04 | 3.43E-04 | 4.07E-04 | 5.14E-04 | 6.15E-04 | 2.11E-05                         | 2.29E-04          | 1.62E-05         | 7.63E-05          | 0.00E+00                |
| Illinois                                                                                        | Peoria      | 17143 | U                    | 8.50E-04                                                               | 1.01E-03 | 2.64E-03 | 3.29E-03 | 4.18E-03 | 4.80E-03 | 8.30E-03 | 9.45E-03 | 1.91E-03                         | 1.75E-03          | 2.01E-05         | 4.96E-04          | 0.00E+00                |
| Illinois                                                                                        | Perry       | 17145 | R                    | 2.31E-04                                                               | 2.31E-04 | 3.14E-04 | 3.54E-04 | 3.61E-04 | 4.54E-04 | 4.56E-04 | 4.56E-04 | 3.81E-07                         | 3.29E-04          | 1.62E-05         | 1.48E-05          | 0.00E+00                |
| Illinois                                                                                        | Piatt       | 17147 | R                    | 1.54E-04                                                               | 1.54E-04 | 1.86E-04 | 2.33E-04 | 2.18E-04 | 2.49E-04 | 2.52E-04 | 2.52E-04 | 1.14E-04                         | 8.87E-05          | 6.18E-06         | 8.82E-06          | 0.00E+00                |
| Illinois                                                                                        | Pike        | 17149 | R                    | 1.01E-04                                                               | 1.01E-04 | 1.35E-04 | 3.82E-04 | 3.29E-04 | 4.92E-04 | 5.35E-04 | 5.35E-04 | 2.50E-04                         | 6.67E-05          | 4.60E-06         | 8.16E-06          | 0.00E+00                |
| Illinois                                                                                        | Pope        | 17151 | R                    | 2.35E-04                                                               | 2.35E-04 | 2.35E-04 | 4.85E-04 | 4.85E-04 | 7.34E-04 | 7.34E-04 | 7.34E-04 | 4.35E-05                         | 3.88E-04          | 5.13E-06         | 4.76E-05          | 0.00E+00                |
| Illinois                                                                                        | Pulaski     | 17153 | R                    | 1.96E-04                                                               | 1.96E-04 | 1.96E-04 | 3.01E-04 | 3.01E-04 | 4.06E-04 | 4.06E-04 | 4.06E-04 | 1.18E-04                         | 1.43E-04          | 7.28E-06         | 3.22E-05          | 0.00E+00                |
| Illinois                                                                                        | Putnam      | 17155 | R                    | 5.46E-04                                                               | 5.46E-04 | 5.46E-04 | 7.05E-04 | 7.05E-04 | 8.64E-04 | 8.64E-04 | 8.64E-04 | 3.03E-06                         | 6.95E-04          | 6.58E-06         | 0.00E+00          | 0.00E+00                |
| Illinois                                                                                        | Randolph    | 17157 | R                    | 5.12E-04                                                               | 5.12E-04 | 5.99E-04 | 8.82E-04 | 4.33E-03 | 1.24E-03 | 2.26E-02 | 2.26E-02 | 3.57E-03                         | 7.54E-04          | 1.28E-05         | 5.20E-07          | 0.00E+00                |
| Illinois                                                                                        | Richland    | 17159 | U                    | 2.58E-05                                                               | 2.58E-05 | 3.34E-05 | 1.31E-04 | 1.02E-04 | 1.40E-04 | 1.78E-04 | 1.78E-04 | 2.91E-06                         | 8.27E-05          | 1.61E-05         | 0.00E+00          | 0.00E+00                |
| Illinois                                                                                        | Rock Island | 17161 | U                    | 6.47E-04                                                               | 7.60E-04 | 9.62E-04 | 1.09E-03 | 1.35E-03 | 1.48E-03 | 1.99E-03 | 2.59E-03 | 5.26E-05                         | 5.13E-04          | 2.80E-05         | 7.56E-04          | 0.00E+00                |
| Illinois                                                                                        | St. Clair   | 17163 | U                    | 2.19E-03                                                               | 3.25E-03 | 1.38E-02 | 1.47E-02 | 1.44E-02 | 1.69E-02 | 2.15E-02 | 2.54E-02 | 8.16E-03                         | 3.81E-03          | 4.74E-05         | 2.43E-03          | 0.00E+00                |
| Illinois                                                                                        | Saline      | 17165 | U                    | 1.00E-04                                                               | 1.00E-04 | 1.17E-04 | 1.98E-04 | 1.76E-04 | 2.12E-04 | 2.67E-04 | 2.67E-04 | 1.26E-06                         | 1.29E-04          | 2.94E-05         | 1.64E-05          | 0.00E+00                |
| Illinois                                                                                        | Sangamon    | 17167 | U                    | 5.53E-05                                                               | 6.59E-05 | 1.60E-04 | 2.82E-04 | 3.11E-04 | 3.64E-04 | 5.86E-04 | 7.36E-04 | 1.91E-06                         | 2.52E-04          | 1.87E-05         | 3.78E-05          | 0.00E+00                |
| Illinois                                                                                        | Schuyler    | 17169 | R                    | 3.05E-05                                                               | 3.05E-05 | 3.05E-05 | 3.15E-05 | 5.76E-05 | 1.11E-04 | 1.11E-04 | 1.11E-04 | 0.00E+00                         | 5.24E-05          | 5.18E-06         | 0.00E+00          | 0.00E+00                |
| Illinois                                                                                        | Scott       | 17171 | R                    | 1.62E-05                                                               | 1.62E-05 | 1.62E-05 | 1.82E-05 | 1.82E-05 | 2.03E-05 | 2.03E-05 | 2.03E-05 | 0.00E+00                         | 1.49E-05          | 3.33E-06         | 0.00E+00          | 0.00E+00                |

| Estimated Annual Average Ambient Concentrations (µg/m <sup>3</sup> ) for Lead Compounds |                    |       |                      |                                                                        |          |          |          |          |          |          |          |                                  |                   |                  |                   |                         |
|-----------------------------------------------------------------------------------------|--------------------|-------|----------------------|------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------------------------------|-------------------|------------------|-------------------|-------------------------|
| State                                                                                   | County             | FIPS  | Urban<br>or<br>Rural | Percentile Distribution of Ambient Concentrations Across Census Tracts |          |          |          |          |          |          |          | Contribution to Average from ... |                   |                  |                   |                         |
|                                                                                         |                    |       |                      | 5th                                                                    | 10th     | 25th     | Median   | Average  | 75th     | 90th     | 95th     | Major                            | Area and<br>Other | Onroad<br>Mobile | Nonroad<br>Mobile | Estimated<br>Background |
| Illinois                                                                                | Shelby             | 17173 | R                    | 1.79E-05                                                               | 1.79E-05 | 1.05E-04 | 1.48E-04 | 1.61E-04 | 1.80E-04 | 3.68E-04 | 3.68E-04 | 9.26E-05                         | 6.16E-05          | 6.84E-06         | 1.06E-07          | 0.00E+00                |
| Illinois                                                                                | Stark              | 17175 | R                    | 4.71E-05                                                               | 4.71E-05 | 4.71E-05 | 1.78E-04 | 1.78E-04 | 3.09E-04 | 3.09E-04 | 3.09E-04 | 9.72E-05                         | 4.93E-05          | 7.11E-06         | 2.45E-05          | 0.00E+00                |
| Illinois                                                                                | Stephenson         | 17177 | U                    | 9.47E-04                                                               | 1.08E-03 | 1.50E-03 | 1.52E-03 | 1.55E-03 | 1.66E-03 | 1.76E-03 | 2.39E-03 | 8.47E-09                         | 1.50E-03          | 3.47E-05         | 1.65E-05          | 0.00E+00                |
| Illinois                                                                                | Tazewell           | 17179 | U                    | 8.00E-04                                                               | 1.17E-03 | 1.38E-03 | 2.08E-03 | 2.44E-03 | 3.39E-03 | 4.32E-03 | 4.61E-03 | 1.06E-03                         | 1.18E-03          | 1.41E-05         | 1.89E-04          | 0.00E+00                |
| Illinois                                                                                | Union              | 17181 | R                    | 7.19E-05                                                               | 7.19E-05 | 1.48E-04 | 2.15E-04 | 2.18E-04 | 2.87E-04 | 3.69E-04 | 3.69E-04 | 3.24E-05                         | 1.63E-04          | 1.28E-05         | 1.05E-05          | 0.00E+00                |
| Illinois                                                                                | Vermilion          | 17183 | U                    | 1.14E-04                                                               | 1.81E-04 | 4.30E-04 | 5.56E-04 | 5.59E-04 | 7.16E-04 | 9.54E-04 | 1.00E-03 | 4.17E-05                         | 4.55E-04          | 2.56E-05         | 3.68E-05          | 0.00E+00                |
| Illinois                                                                                | Wabash             | 17185 | U                    | 4.63E-05                                                               | 4.63E-05 | 1.40E-04 | 2.33E-04 | 1.89E-04 | 2.38E-04 | 2.42E-04 | 2.42E-04 | 6.18E-06                         | 1.56E-04          | 2.37E-05         | 3.30E-06          | 0.00E+00                |
| Illinois                                                                                | Warren             | 17187 | R                    | 1.49E-04                                                               | 1.49E-04 | 1.96E-04 | 3.19E-04 | 2.68E-04 | 3.24E-04 | 3.50E-04 | 3.50E-04 | 1.18E-06                         | 2.34E-04          | 1.46E-05         | 1.74E-05          | 0.00E+00                |
| Illinois                                                                                | Washington         | 17189 | R                    | 8.76E-05                                                               | 8.76E-05 | 1.95E-04 | 3.32E-04 | 2.99E-04 | 4.02E-04 | 4.43E-04 | 4.43E-04 | 2.41E-10                         | 2.91E-04          | 7.89E-06         | 0.00E+00          | 0.00E+00                |
| Illinois                                                                                | Wayne              | 17191 | R                    | 5.17E-05                                                               | 5.17E-05 | 5.39E-05 | 5.39E-05 | 1.82E-04 | 3.29E-04 | 4.22E-04 | 4.22E-04 | 2.52E-07                         | 1.74E-04          | 8.21E-06         | 2.11E-08          | 0.00E+00                |
| Illinois                                                                                | White              | 17193 | R                    | 4.06E-05                                                               | 4.06E-05 | 4.11E-05 | 5.72E-05 | 7.94E-05 | 1.27E-04 | 1.32E-04 | 1.32E-04 | 9.57E-06                         | 5.71E-05          | 1.07E-05         | 2.11E-06          | 0.00E+00                |
| Illinois                                                                                | Whiteside          | 17195 | U                    | 4.88E-04                                                               | 6.22E-04 | 1.07E-03 | 1.75E-03 | 2.20E-03 | 2.83E-03 | 5.60E-03 | 5.85E-03 | 8.35E-04                         | 1.15E-03          | 3.03E-05         | 1.89E-04          | 0.00E+00                |
| Illinois                                                                                | Will               | 17197 | U                    | 1.27E-03                                                               | 1.73E-03 | 1.88E-03 | 2.47E-03 | 3.55E-03 | 5.56E-03 | 6.68E-03 | 7.15E-03 | 1.52E-04                         | 1.69E-03          | 4.46E-05         | 1.67E-03          | 0.00E+00                |
| Illinois                                                                                | Williamson         | 17199 | U                    | 1.81E-04                                                               | 2.20E-04 | 2.58E-04 | 3.85E-04 | 4.87E-04 | 5.46E-04 | 9.47E-04 | 1.20E-03 | 3.33E-06                         | 2.29E-04          | 3.43E-05         | 2.21E-04          | 0.00E+00                |
| Illinois                                                                                | Winnebago          | 17201 | U                    | 6.76E-04                                                               | 9.03E-04 | 1.42E-03 | 1.97E-03 | 2.64E-03 | 3.12E-03 | 5.07E-03 | 6.41E-03 | 1.04E-06                         | 2.21E-03          | 2.94E-05         | 4.00E-04          | 0.00E+00                |
| Illinois                                                                                | Woodford           | 17203 | U                    | 6.11E-05                                                               | 6.11E-05 | 3.21E-04 | 6.38E-04 | 6.33E-04 | 8.12E-04 | 1.24E-03 | 1.24E-03 | 2.46E-04                         | 3.31E-04          | 5.57E-06         | 5.07E-05          | 0.00E+00                |
| Indiana                                                                                 | Statewide          | N/A   | N/A                  | 2.60E-04                                                               | 4.92E-04 | 1.27E-03 | 3.10E-03 | 7.36E-03 | 6.56E-03 | 1.57E-02 | 2.54E-02 | 1.55E-03                         | 5.14E-03          | 3.51E-05         | 6.41E-04          | 0.00E+00                |
| Indiana                                                                                 | All Urban Counties | N/A   | U                    | 5.80E-04                                                               | 9.41E-04 | 1.76E-03 | 4.09E-03 | 9.21E-03 | 8.67E-03 | 1.83E-02 | 3.38E-02 | 1.73E-03                         | 6.58E-03          | 3.96E-05         | 8.66E-04          | 0.00E+00                |
| Indiana                                                                                 | All Rural Counties | N/A   | R                    | 1.06E-04                                                               | 1.93E-04 | 4.47E-04 | 1.32E-03 | 2.37E-03 | 2.49E-03 | 3.86E-03 | 5.56E-03 | 1.05E-03                         | 1.26E-03          | 2.30E-05         | 3.30E-05          | 0.00E+00                |
| Indiana                                                                                 | Adams              | 18001 | U                    | 4.89E-04                                                               | 4.89E-04 | 5.05E-04 | 1.70E-03 | 1.78E-03 | 2.97E-03 | 3.99E-03 | 3.99E-03 | 2.77E-04                         | 1.42E-03          | 2.72E-05         | 5.92E-05          | 0.00E+00                |
| Indiana                                                                                 | Allen              | 18003 | U                    | 2.54E-03                                                               | 3.70E-03 | 3.94E-03 | 4.25E-03 | 4.67E-03 | 4.91E-03 | 6.55E-03 | 7.86E-03 | 1.26E-03                         | 2.92E-03          | 2.61E-05         | 4.68E-04          | 0.00E+00                |
| Indiana                                                                                 | Bartholomew        | 18005 | R                    | 1.74E-03                                                               | 1.99E-03 | 2.14E-03 | 2.55E-03 | 2.52E-03 | 2.69E-03 | 2.85E-03 | 3.86E-03 | 1.63E-03                         | 8.42E-04          | 4.46E-05         | 0.00E+00          | 0.00E+00                |
| Indiana                                                                                 | Benton             | 18007 | R                    | 4.44E-05                                                               | 4.44E-05 | 4.44E-05 | 5.16E-05 | 7.28E-05 | 1.23E-04 | 1.23E-04 | 1.23E-04 | 2.44E-06                         | 6.28E-05          | 6.30E-06         | 1.34E-06          | 0.00E+00                |
| Indiana                                                                                 | Blackford          | 18009 | U                    | 2.82E-03                                                               | 2.82E-03 | 3.01E-03 | 3.36E-03 | 3.41E-03 | 3.81E-03 | 4.08E-03 | 4.08E-03 | 4.62E-04                         | 2.90E-03          | 3.06E-05         | 9.46E-06          | 0.00E+00                |
| Indiana                                                                                 | Boone              | 18011 | U                    | 6.55E-04                                                               | 6.55E-04 | 2.25E-03 | 2.55E-03 | 2.97E-03 | 3.84E-03 | 5.28E-03 | 5.28E-03 | 2.23E-04                         | 2.05E-03          | 1.86E-05         | 6.83E-04          | 0.00E+00                |
| Indiana                                                                                 | Brown              | 18013 | R                    | 2.24E-03                                                               | 2.24E-03 | 2.57E-03 | 3.74E-03 | 4.72E-03 | 6.86E-03 | 9.15E-03 | 9.15E-03 | 2.27E-03                         | 2.06E-03          | 1.65E-05         | 3.73E-04          | 0.00E+00                |
| Indiana                                                                                 | Carroll            | 18015 | R                    | 6.34E-04                                                               | 6.34E-04 | 6.38E-04 | 7.17E-04 | 8.05E-04 | 9.42E-04 | 1.28E-03 | 1.28E-03 | 3.52E-04                         | 4.39E-04          | 1.39E-05         | 7.43E-07          | 0.00E+00                |
| Indiana                                                                                 | Cass               | 18017 | R                    | 1.60E-03                                                               | 1.87E-03 | 2.04E-03 | 2.70E-03 | 2.75E-03 | 3.21E-03 | 3.69E-03 | 4.48E-03 | 7.03E-04                         | 2.01E-03          | 3.28E-05         | 3.37E-07          | 0.00E+00                |
| Indiana                                                                                 | Clark              | 18019 | U                    | 1.27E-03                                                               | 1.57E-03 | 2.53E-03 | 4.48E-03 | 4.52E-03 | 6.08E-03 | 7.38E-03 | 7.46E-03 | 1.39E-04                         | 2.56E-03          | 4.21E-05         | 1.78E-03          | 0.00E+00                |
| Indiana                                                                                 | Clay               | 18021 | R                    | 8.31E-04                                                               | 8.31E-04 | 9.73E-04 | 1.15E-03 | 1.29E-03 | 1.62E-03 | 1.99E-03 | 1.99E-03 | 9.44E-05                         | 1.17E-03          | 9.80E-06         | 1.70E-05          | 0.00E+00                |
| Indiana                                                                                 | Clinton            | 18023 | R                    | 1.14E-03                                                               | 1.14E-03 | 1.30E-03 | 1.41E-03 | 1.81E-03 | 1.56E-03 | 4.74E-03 | 4.74E-03 | 5.16E-04                         | 1.25E-03          | 3.57E-05         | 6.32E-07          | 0.00E+00                |
| Indiana                                                                                 | Crawford           | 18025 | R                    | 4.43E-04                                                               | 4.43E-04 | 4.43E-04 | 4.94E-04 | 5.51E-04 | 7.17E-04 | 7.17E-04 | 7.17E-04 | 1.59E-04                         | 3.83E-04          | 9.55E-06         | 1.16E-07          | 0.00E+00                |
| Indiana                                                                                 | Daviess            | 18027 | R                    | 6.98E-05                                                               | 6.98E-05 | 7.57E-05 | 8.89E-05 | 1.40E-04 | 1.63E-04 | 3.55E-04 | 3.55E-04 | 8.98E-06                         | 1.02E-04          | 2.97E-05         | 1.58E-08          | 0.00E+00                |
| Indiana                                                                                 | Dearborn           | 18029 | U                    | 1.27E-03                                                               | 1.27E-03 | 1.38E-03 | 1.85E-03 | 1.79E-03 | 2.24E-03 | 2.27E-03 | 2.27E-03 | 1.18E-04                         | 4.79E-04          | 1.90E-05         | 1.17E-03          | 0.00E+00                |
| Indiana                                                                                 | Decatur            | 18031 | R                    | 9.49E-04                                                               | 9.49E-04 | 1.02E-03 | 1.41E-03 | 1.85E-03 | 1.98E-03 | 4.34E-03 | 4.34E-03 | 1.65E-03                         | 1.82E-04          | 2.21E-05         | 0.00E+00          | 0.00E+00                |
| Indiana                                                                                 | De Kalb            | 18033 | U                    | 1.27E-03                                                               | 1.27E-03 | 1.86E-03 | 2.74E-03 | 2.63E-03 | 3.36E-03 | 3.87E-03 | 3.87E-03 | 6.23E-04                         | 1.95E-03          | 1.10E-05         | 4.30E-05          | 0.00E+00                |
| Indiana                                                                                 | Delaware           | 18035 | U                    | 5.51E-03                                                               | 6.56E-03 | 1.15E-02 | 2.86E-02 | 3.49E-02 | 5.70E-02 | 7.60E-02 | 7.97E-02 | 2.08E-04                         | 3.47E-02          | 1.94E-05         | 2.90E-07          | 0.00E+00                |
| Indiana                                                                                 | Dubois             | 18037 | R                    | 2.95E-04                                                               | 2.95E-04 | 3.49E-04 | 6.42E-04 | 9.88E-04 | 1.09E-03 | 3.37E-03 | 3.37E-03 | 1.65E-04                         | 7.94E-04          | 2.89E-05         | 0.00E+00          | 0.00E+00                |
| Indiana                                                                                 | Elkhart            | 18039 | R                    | 1.17E-03                                                               | 1.51E-03 | 1.77E-03 | 2.72E-03 | 3.50E-03 | 3.73E-03 | 6.62E-03 | 7.96E-03 | 1.14E-03                         | 2.21E-03          | 2.73E-05         | 1.32E-04          | 0.00E+00                |
| Indiana                                                                                 | Fayette            | 18041 | U                    | 3.76E-04                                                               | 3.76E-04 | 4.36E-04 | 6.03E-04 | 5.98E-04 | 7.43E-04 | 7.56E-04 | 7.56E-04 | 2.18E-04                         | 3.33E-04          | 4.65E-05         | 6.91E-09          | 0.00E+00                |
| Indiana                                                                                 | Floyd              | 18043 | U                    | 9.68E-04                                                               | 1.21E-03 | 1.64E-03 | 3.17E-03 | 3.92E-03 | 4.51E-03 | 8.19E-03 | 1.17E-02 | 7.97E-05                         | 3.22E-03          | 4.67E-05         | 5.78E-04          | 0.00E+00                |
| Indiana                                                                                 | Fountain           | 18045 | R                    | 4.05E-04                                                               | 4.05E-04 | 4.57E-04 | 6.96E-04 | 6.44E-04 | 7.04E-04 | 9.57E-04 | 9.57E-04 | 6.60E-05                         | 5.48E-04          | 1.48E-05         | 1.49E-05          | 0.00E+00                |
| Indiana                                                                                 | Franklin           | 18047 | R                    | 3.14E-04                                                               | 3.14E-04 | 4.88E-04 | 4.93E-04 | 6.26E-04 | 6.23E-04 | 1.21E-03 | 1.21E-03 | 1.59E-04                         | 3.67E-04          | 1.65E-05         | 8.40E-05          | 0.00E+00                |
| Indiana                                                                                 | Fulton             | 18049 | R                    | 1.52E-03                                                               | 1.52E-03 | 1.65E-03 | 2.24E-03 | 2.21E-03 | 2.37E-03 | 3.22E-03 | 3.22E-03 | 5.05E-04                         | 1.69E-03          | 1.54E-05         | 0.00E+00          | 0.00E+00                |
| Indiana                                                                                 | Gibson             | 18051 | R                    | 9.41E-05                                                               | 9.41E-05 | 1.06E-04 | 1.56E-04 | 1.70E-04 | 1.78E-04 | 3.14E-04 | 3.14E-04 | 1.69E-05                         | 1.17E-04          | 1.71E-05         | 1.82E-05          | 0.00E+00                |
| Indiana                                                                                 | Grant              | 18053 | U                    | 1.76E-03                                                               | 1.82E-03 | 2.56E-03 | 3.08E-03 | 3.61E-03 | 4.43E-03 | 5.85E-03 | 7.90E-03 | 5.63E-04                         | 2.99E-03          | 4.75E-05         | 1.73E-06          | 0.00E+00                |
| Indiana                                                                                 | Greene             | 18055 | R                    | 8.94E-05                                                               | 8.94E-05 | 1.46E-04 | 2.27E-04 | 2.94E-04 | 4.34E-04 | 6.53E-04 | 6.53E-04 | 2.19E-05                         | 2.39E-04          | 2.50E-05         | 8.36E-06          | 0.00E+00                |
| Indiana                                                                                 | Hamilton           | 18057 | U                    | 1.46E-03                                                               | 2.75E-03 | 2.80E-03 | 3.28E-03 | 3.69E-03 | 4.82E-03 | 5.27E-03 | 5.40E-03 | 1.35E-04                         | 3.02E-03          | 3.45E-05         | 5.06E-04          | 0.00E+00                |
| Indiana                                                                                 | Hancock            | 18059 | U                    | 1.83E-03                                                               | 1.83E-03 | 3.32E-03 | 3.80E-03 | 4.04E-03 | 4.48E-03 | 7.25E-03 | 7.25E-03 | 5.33E-04                         | 3.23E-03          | 2.77E-05         | 2.43E-04          | 0.00E+00                |
| Indiana                                                                                 | Harrison           | 18061 | U                    | 8.71E-04                                                               | 8.71E-04 | 9.59E-04 | 1.24E-03 | 1.24E-03 | 1.33E-03 | 1.78E-03 | 1.78E-03 | 8.51E-05                         | 5.56E-04          | 1.38E-05         | 5.80E-04          | 0.00E+00                |



| Estimated Annual Average Ambient Concentrations (µg/m <sup>3</sup> ) for Lead Compounds |             |       |                      |                                                                        |          |          |          |          |          |          |          |                                  |                   |                  |                   |                         |
|-----------------------------------------------------------------------------------------|-------------|-------|----------------------|------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------------------------------|-------------------|------------------|-------------------|-------------------------|
| State                                                                                   | County      | FIPS  | Urban<br>or<br>Rural | Percentile Distribution of Ambient Concentrations Across Census Tracts |          |          |          |          |          |          |          | Contribution to Average from ... |                   |                  |                   |                         |
|                                                                                         |             |       |                      | 5th                                                                    | 10th     | 25th     | Median   | Average  | 75th     | 90th     | 95th     | Major                            | Area and<br>Other | Onroad<br>Mobile | Nonroad<br>Mobile | Estimated<br>Background |
| Indiana                                                                                 | Hendricks   | 18063 | U                    | 3.06E-03                                                               | 3.64E-03 | 4.86E-03 | 7.65E-03 | 8.35E-03 | 1.16E-02 | 1.38E-02 | 1.70E-02 | 7.54E-04                         | 5.69E-03          | 2.46E-05         | 1.88E-03          | 0.00E+00                |
| Indiana                                                                                 | Henry       | 18065 | R                    | 8.32E-04                                                               | 1.35E-03 | 1.48E-03 | 2.35E-03 | 2.17E-03 | 2.51E-03 | 2.94E-03 | 3.83E-03 | 3.72E-04                         | 1.76E-03          | 3.70E-05         | 5.44E-08          | 0.00E+00                |
| Indiana                                                                                 | Howard      | 18067 | U                    | 1.47E-03                                                               | 1.55E-03 | 1.72E-03 | 1.86E-03 | 1.92E-03 | 2.14E-03 | 2.26E-03 | 2.35E-03 | 1.27E-03                         | 6.22E-04          | 2.15E-05         | 3.93E-06          | 0.00E+00                |
| Indiana                                                                                 | Huntington  | 18069 | U                    | 2.71E-03                                                               | 2.71E-03 | 8.36E-03 | 2.34E-02 | 7.50E-02 | 6.34E-02 | 4.48E-01 | 4.48E-01 | 7.22E-02                         | 2.70E-03          | 4.04E-05         | 9.39E-05          | 0.00E+00                |
| Indiana                                                                                 | Jackson     | 18071 | R                    | 7.91E-05                                                               | 7.91E-05 | 1.91E-04 | 2.60E-04 | 3.08E-04 | 3.03E-04 | 6.52E-04 | 6.52E-04 | 5.95E-05                         | 2.10E-04          | 3.85E-05         | 3.12E-08          | 0.00E+00                |
| Indiana                                                                                 | Jasper      | 18073 | R                    | 3.40E-05                                                               | 3.40E-05 | 1.05E-03 | 1.41E-03 | 1.38E-03 | 2.00E-03 | 2.37E-03 | 2.37E-03 | 8.85E-04                         | 4.81E-04          | 1.25E-05         | 4.33E-07          | 0.00E+00                |
| Indiana                                                                                 | Jay         | 18075 | R                    | 9.22E-04                                                               | 9.22E-04 | 1.29E-03 | 2.09E-03 | 2.19E-03 | 2.88E-03 | 3.26E-03 | 3.26E-03 | 9.11E-05                         | 2.08E-03          | 1.56E-05         | 2.60E-08          | 0.00E+00                |
| Indiana                                                                                 | Jefferson   | 18077 | U                    | 5.86E-04                                                               | 5.86E-04 | 6.40E-04 | 7.26E-04 | 9.96E-04 | 9.96E-04 | 2.49E-03 | 2.49E-03 | 6.54E-04                         | 3.11E-04          | 3.07E-05         | 5.43E-08          | 0.00E+00                |
| Indiana                                                                                 | Jennings    | 18079 | R                    | 3.76E-04                                                               | 3.76E-04 | 4.07E-04 | 4.13E-04 | 9.06E-04 | 9.20E-04 | 2.41E-03 | 2.41E-03 | 7.09E-04                         | 1.71E-04          | 2.58E-05         | 0.00E+00          | 0.00E+00                |
| Indiana                                                                                 | Johnson     | 18081 | U                    | 7.19E-03                                                               | 9.73E-03 | 1.15E-02 | 1.33E-02 | 1.39E-02 | 1.57E-02 | 1.83E-02 | 2.87E-02 | 5.04E-03                         | 7.38E-03          | 3.55E-05         | 1.43E-03          | 0.00E+00                |
| Indiana                                                                                 | Knox        | 18083 | U                    | 4.67E-05                                                               | 5.40E-05 | 6.37E-05 | 1.54E-04 | 1.98E-04 | 2.77E-04 | 4.59E-04 | 5.59E-04 | 1.41E-05                         | 1.51E-04          | 3.29E-05         | 0.00E+00          | 0.00E+00                |
| Indiana                                                                                 | Kosciusko   | 18085 | R                    | 2.23E-03                                                               | 2.23E-03 | 3.06E-03 | 4.36E-03 | 1.23E-02 | 1.24E-02 | 4.49E-02 | 8.07E-02 | 1.08E-02                         | 1.49E-03          | 2.73E-05         | 2.83E-06          | 0.00E+00                |
| Indiana                                                                                 | Lagrange    | 18087 | R                    | 1.68E-04                                                               | 1.68E-04 | 2.98E-04 | 3.92E-04 | 4.90E-04 | 7.78E-04 | 8.46E-04 | 8.46E-04 | 2.18E-04                         | 2.52E-04          | 1.90E-05         | 0.00E+00          | 0.00E+00                |
| Indiana                                                                                 | Lake        | 18089 | U                    | 3.07E-03                                                               | 3.24E-03 | 3.70E-03 | 4.50E-03 | 6.04E-03 | 7.15E-03 | 1.03E-02 | 1.47E-02 | 1.06E-03                         | 4.41E-03          | 5.66E-05         | 5.20E-04          | 0.00E+00                |
| Indiana                                                                                 | La Porte    | 18091 | U                    | 1.02E-03                                                               | 1.29E-03 | 2.48E-03 | 2.89E-03 | 3.33E-03 | 3.46E-03 | 6.32E-03 | 8.19E-03 | 1.57E-03                         | 1.57E-03          | 5.21E-05         | 1.29E-04          | 0.00E+00                |
| Indiana                                                                                 | Lawrence    | 18093 | R                    | 8.59E-05                                                               | 9.51E-05 | 1.41E-04 | 1.83E-04 | 2.68E-04 | 2.71E-04 | 6.58E-04 | 6.93E-04 | 1.53E-06                         | 2.32E-04          | 3.40E-05         | 5.71E-07          | 0.00E+00                |
| Indiana                                                                                 | Madison     | 18095 | U                    | 1.16E-03                                                               | 1.27E-03 | 1.36E-03 | 1.57E-03 | 1.58E-03 | 1.69E-03 | 2.01E-03 | 2.22E-03 | 8.43E-05                         | 1.47E-03          | 2.40E-05         | 5.26E-06          | 0.00E+00                |
| Indiana                                                                                 | Marion      | 18097 | U                    | 6.59E-03                                                               | 7.33E-03 | 9.46E-03 | 1.50E-02 | 2.22E-02 | 2.26E-02 | 4.44E-02 | 6.27E-02 | 1.86E-03                         | 1.78E-02          | 6.34E-05         | 2.47E-03          | 0.00E+00                |
| Indiana                                                                                 | Marshall    | 18099 | R                    | 2.33E-03                                                               | 2.60E-03 | 2.96E-03 | 3.94E-03 | 4.90E-03 | 5.42E-03 | 8.08E-03 | 1.34E-02 | 9.85E-04                         | 3.77E-03          | 3.20E-05         | 1.13E-04          | 0.00E+00                |
| Indiana                                                                                 | Martin      | 18101 | R                    | 4.48E-05                                                               | 4.48E-05 | 5.76E-05 | 9.52E-05 | 1.12E-04 | 1.67E-04 | 2.13E-04 | 2.13E-04 | 1.72E-05                         | 8.27E-05          | 1.21E-05         | 1.37E-07          | 0.00E+00                |
| Indiana                                                                                 | Miami       | 18103 | R                    | 1.11E-03                                                               | 1.19E-03 | 1.59E-03 | 1.81E-03 | 1.79E-03 | 2.17E-03 | 2.31E-03 | 2.33E-03 | 8.63E-04                         | 8.98E-04          | 3.13E-05         | 8.92E-07          | 0.00E+00                |
| Indiana                                                                                 | Monroe      | 18105 | U                    | 1.51E-04                                                               | 2.05E-04 | 5.79E-04 | 8.21E-04 | 7.59E-04 | 9.79E-04 | 1.10E-03 | 1.15E-03 | 2.88E-04                         | 4.44E-04          | 2.21E-05         | 4.30E-06          | 0.00E+00                |
| Indiana                                                                                 | Montgomery  | 18107 | R                    | 3.69E-04                                                               | 3.69E-04 | 5.40E-04 | 8.77E-04 | 9.96E-04 | 1.38E-03 | 2.35E-03 | 2.35E-03 | 3.66E-04                         | 5.55E-04          | 2.40E-05         | 5.12E-05          | 0.00E+00                |
| Indiana                                                                                 | Morgan      | 18109 | U                    | 2.65E-03                                                               | 3.27E-03 | 4.15E-03 | 5.60E-03 | 7.24E-03 | 8.55E-03 | 1.45E-02 | 1.98E-02 | 1.46E-03                         | 4.30E-03          | 1.96E-05         | 1.45E-03          | 0.00E+00                |
| Indiana                                                                                 | Newton      | 18111 | R                    | 3.54E-05                                                               | 3.54E-05 | 3.74E-05 | 6.79E-04 | 8.53E-04 | 1.67E-03 | 2.02E-03 | 2.02E-03 | 4.94E-04                         | 3.51E-04          | 7.50E-06         | 2.02E-07          | 0.00E+00                |
| Indiana                                                                                 | Noble       | 18113 | R                    | 1.10E-03                                                               | 1.11E-03 | 1.13E-03 | 1.48E-03 | 1.68E-03 | 2.09E-03 | 2.81E-03 | 3.17E-03 | 8.36E-04                         | 8.07E-04          | 2.36E-05         | 1.23E-05          | 0.00E+00                |
| Indiana                                                                                 | Ohio        | 18115 | U                    | 9.25E-04                                                               | 9.25E-04 | 9.25E-04 | 1.02E-03 | 1.02E-03 | 1.11E-03 | 1.11E-03 | 1.11E-03 | 3.96E-05                         | 5.84E-04          | 2.03E-05         | 3.72E-04          | 0.00E+00                |
| Indiana                                                                                 | Orange      | 18117 | R                    | 1.93E-04                                                               | 1.93E-04 | 2.66E-04 | 4.65E-04 | 5.59E-04 | 6.25E-04 | 1.34E-03 | 1.34E-03 | 5.59E-05                         | 4.87E-04          | 1.67E-05         | 0.00E+00          | 0.00E+00                |
| Indiana                                                                                 | Owen        | 18119 | R                    | 1.80E-04                                                               | 1.80E-04 | 3.22E-04 | 4.28E-04 | 4.56E-04 | 4.71E-04 | 8.80E-04 | 8.80E-04 | 7.27E-05                         | 3.66E-04          | 1.15E-05         | 5.95E-06          | 0.00E+00                |
| Indiana                                                                                 | Parke       | 18121 | R                    | 7.59E-04                                                               | 7.59E-04 | 8.75E-04 | 1.01E-03 | 1.50E-03 | 2.13E-03 | 3.22E-03 | 3.22E-03 | 5.86E-04                         | 8.87E-04          | 1.08E-05         | 1.72E-05          | 0.00E+00                |
| Indiana                                                                                 | Perry       | 18123 | R                    | 2.90E-04                                                               | 2.90E-04 | 3.70E-04 | 3.78E-04 | 3.85E-04 | 4.08E-04 | 4.79E-04 | 4.79E-04 | 2.67E-04                         | 9.21E-05          | 2.30E-05         | 3.50E-06          | 0.00E+00                |
| Indiana                                                                                 | Pike        | 18125 | R                    | 7.92E-05                                                               | 7.92E-05 | 8.17E-05 | 1.22E-04 | 1.36E-04 | 1.91E-04 | 2.21E-04 | 2.21E-04 | 2.36E-05                         | 9.68E-05          | 1.22E-05         | 3.69E-06          | 0.00E+00                |
| Indiana                                                                                 | Porter      | 18127 | U                    | 2.98E-03                                                               | 3.35E-03 | 4.03E-03 | 4.94E-03 | 5.03E-03 | 5.42E-03 | 7.05E-03 | 9.20E-03 | 3.55E-03                         | 1.40E-03          | 3.05E-05         | 4.72E-05          | 0.00E+00                |
| Indiana                                                                                 | Posey       | 18129 | U                    | 8.47E-05                                                               | 8.47E-05 | 1.33E-04 | 1.86E-04 | 6.80E-04 | 1.41E-03 | 2.22E-03 | 2.22E-03 | 5.54E-04                         | 8.68E-05          | 8.38E-06         | 3.05E-05          | 0.00E+00                |
| Indiana                                                                                 | Pulaski     | 18131 | R                    | 1.23E-03                                                               | 1.23E-03 | 2.07E-03 | 4.02E-03 | 1.74E-02 | 3.27E-02 | 6.03E-02 | 6.03E-02 | 3.11E-04                         | 1.71E-02          | 9.98E-06         | 1.14E-08          | 0.00E+00                |
| Indiana                                                                                 | Putnam      | 18133 | R                    | 9.68E-04                                                               | 9.68E-04 | 1.19E-03 | 2.01E-03 | 1.90E-03 | 2.70E-03 | 3.00E-03 | 3.00E-03 | 4.65E-05                         | 1.67E-03          | 1.70E-05         | 1.68E-04          | 0.00E+00                |
| Indiana                                                                                 | Randolph    | 18135 | R                    | 9.69E-04                                                               | 9.69E-04 | 1.20E-03 | 2.15E-03 | 2.28E-03 | 2.66E-03 | 5.26E-03 | 5.26E-03 | 7.44E-05                         | 2.19E-03          | 1.49E-05         | 3.85E-08          | 0.00E+00                |
| Indiana                                                                                 | Ripley      | 18137 | R                    | 5.53E-04                                                               | 5.53E-04 | 7.68E-04 | 9.04E-04 | 9.94E-04 | 1.40E-03 | 1.44E-03 | 1.44E-03 | 4.71E-04                         | 3.21E-04          | 1.50E-05         | 1.87E-04          | 0.00E+00                |
| Indiana                                                                                 | Rush        | 18139 | R                    | 3.99E-04                                                               | 3.99E-04 | 9.32E-04 | 1.33E-03 | 1.25E-03 | 1.69E-03 | 1.92E-03 | 1.92E-03 | 1.07E-03                         | 1.60E-04          | 2.07E-05         | 6.05E-09          | 0.00E+00                |
| Indiana                                                                                 | St. Joseph  | 18141 | U                    | 2.15E-03                                                               | 2.24E-03 | 3.24E-03 | 4.30E-03 | 4.64E-03 | 5.13E-03 | 6.98E-03 | 1.11E-02 | 1.30E-03                         | 1.79E-03          | 4.02E-05         | 1.51E-03          | 0.00E+00                |
| Indiana                                                                                 | Scott       | 18143 | U                    | 2.55E-04                                                               | 2.55E-04 | 3.57E-04 | 3.98E-04 | 3.78E-04 | 4.20E-04 | 4.58E-04 | 4.58E-04 | 7.15E-05                         | 2.76E-04          | 2.98E-05         | 2.02E-07          | 0.00E+00                |
| Indiana                                                                                 | Shelby      | 18145 | U                    | 2.35E-03                                                               | 2.35E-03 | 3.03E-03 | 3.43E-03 | 3.59E-03 | 3.83E-03 | 5.63E-03 | 5.63E-03 | 1.08E-03                         | 2.19E-03          | 2.10E-05         | 3.03E-04          | 0.00E+00                |
| Indiana                                                                                 | Spencer     | 18147 | R                    | 1.83E-04                                                               | 1.83E-04 | 2.09E-04 | 2.17E-04 | 2.84E-04 | 3.85E-04 | 4.27E-04 | 4.27E-04 | 1.49E-04                         | 9.99E-05          | 1.18E-05         | 2.39E-05          | 0.00E+00                |
| Indiana                                                                                 | Starke      | 18149 | R                    | 2.07E-03                                                               | 2.07E-03 | 2.39E-03 | 2.91E-03 | 3.54E-03 | 3.15E-03 | 8.32E-03 | 8.32E-03 | 2.03E-03                         | 1.47E-03          | 1.71E-05         | 2.75E-05          | 0.00E+00                |
| Indiana                                                                                 | Steuben     | 18151 | R                    | 2.24E-04                                                               | 2.24E-04 | 2.74E-04 | 7.07E-04 | 5.70E-04 | 7.82E-04 | 9.84E-04 | 9.84E-04 | 8.98E-05                         | 4.58E-04          | 2.15E-05         | 0.00E+00          | 0.00E+00                |
| Indiana                                                                                 | Sullivan    | 18153 | R                    | 1.99E-04                                                               | 1.99E-04 | 2.18E-04 | 3.59E-04 | 3.41E-04 | 3.63E-04 | 5.68E-04 | 5.68E-04 | 2.50E-05                         | 2.89E-04          | 1.21E-05         | 1.51E-05          | 0.00E+00                |
| Indiana                                                                                 | Switzerland | 18155 | R                    | 9.78E-04                                                               | 9.78E-04 | 9.78E-04 | 9.86E-04 | 1.00E-03 | 1.04E-03 | 1.04E-03 | 1.04E-03 | 9.11E-05                         | 6.87E-04          | 9.68E-06         | 2.13E-04          | 0.00E+00                |
| Indiana                                                                                 | Tippecanoe  | 18157 | U                    | 7.99E-04                                                               | 1.03E-03 | 1.13E-03 | 1.26E-03 | 1.34E-03 | 1.43E-03 | 1.98E-03 | 2.41E-03 | 2.70E-04                         | 1.04E-03          | 2.32E-05         | 7.33E-06          | 0.00E+00                |
| Indiana                                                                                 | Tipton      | 18159 | R                    | 1.32E-03                                                               | 1.32E-03 | 1.39E-03 | 1.47E-03 | 1.49E-03 | 1.59E-03 | 1.71E-03 | 1.71E-03 | 6.62E-04                         | 8.18E-04          | 8.31E-06         | 9.01E-07          | 0.00E+00                |
| Indiana                                                                                 | Union       | 18161 | R                    | 2.78E-04                                                               | 2.78E-04 | 2.78E-04 | 3.54E-04 | 3.54E-04 | 4.31E-04 | 4.31E-04 | 4.31E-04 | 1.40E-04                         | 2.02E-04          | 1.24E-05         | 2.90E-07          | 0.00E+00                |

| Estimated Annual Average Ambient Concentrations ( $\mu\text{g}/\text{m}^3$ ) for Lead Compounds |                    |       |                      |                                                                        |          |          |          |          |          |          |          |                                  |                   |                  |                   |                         |
|-------------------------------------------------------------------------------------------------|--------------------|-------|----------------------|------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------------------------------|-------------------|------------------|-------------------|-------------------------|
| State                                                                                           | County             | FIPS  | Urban<br>or<br>Rural | Percentile Distribution of Ambient Concentrations Across Census Tracts |          |          |          |          |          |          |          | Contribution to Average from ... |                   |                  |                   |                         |
|                                                                                                 |                    |       |                      | 5th                                                                    | 10th     | 25th     | Median   | Average  | 75th     | 90th     | 95th     | Major                            | Area and<br>Other | Onroad<br>Mobile | Nonroad<br>Mobile | Estimated<br>Background |
| Indiana                                                                                         | Vanderburgh        | 18163 | U                    | 3.01E-04                                                               | 3.48E-04 | 6.36E-04 | 8.90E-04 | 1.17E-03 | 1.12E-03 | 1.43E-03 | 1.54E-03 | 7.51E-05                         | 8.38E-04          | 3.21E-05         | 2.25E-04          | 0.00E+00                |
| Indiana                                                                                         | Vermillion         | 18165 | R                    | 2.69E-03                                                               | 2.69E-03 | 4.36E-03 | 4.61E-03 | 4.92E-03 | 5.36E-03 | 7.58E-03 | 7.58E-03 | 4.03E-04                         | 4.49E-03          | 1.71E-05         | 1.33E-05          | 0.00E+00                |
| Indiana                                                                                         | Vigo               | 18167 | U                    | 1.08E-03                                                               | 1.23E-03 | 1.58E-03 | 1.87E-03 | 2.50E-03 | 2.69E-03 | 3.67E-03 | 4.29E-03 | 2.11E-04                         | 2.15E-03          | 2.15E-05         | 1.16E-04          | 0.00E+00                |
| Indiana                                                                                         | Wabash             | 18169 | U                    | 1.83E-03                                                               | 1.83E-03 | 4.26E-03 | 1.28E-02 | 2.14E-02 | 2.55E-02 | 8.39E-02 | 8.39E-02 | 4.34E-03                         | 1.70E-02          | 2.92E-05         | 1.22E-05          | 0.00E+00                |
| Indiana                                                                                         | Warren             | 18171 | R                    | 2.63E-04                                                               | 2.63E-04 | 2.63E-04 | 3.26E-04 | 3.26E-04 | 3.88E-04 | 3.88E-04 | 3.88E-04 | 1.22E-05                         | 2.88E-04          | 7.45E-06         | 1.86E-05          | 0.00E+00                |
| Indiana                                                                                         | Warrick            | 18173 | U                    | 1.76E-04                                                               | 1.81E-04 | 2.46E-04 | 3.28E-04 | 3.38E-04 | 3.78E-04 | 5.37E-04 | 5.81E-04 | 6.55E-05                         | 1.92E-04          | 1.40E-05         | 6.61E-05          | 0.00E+00                |
| Indiana                                                                                         | Washington         | 18175 | R                    | 4.29E-04                                                               | 4.29E-04 | 6.11E-04 | 6.98E-04 | 9.24E-04 | 9.69E-04 | 2.14E-03 | 2.14E-03 | 5.89E-05                         | 8.21E-04          | 1.81E-05         | 2.59E-05          | 0.00E+00                |
| Indiana                                                                                         | Wayne              | 18177 | U                    | 5.15E-04                                                               | 5.87E-04 | 1.02E-03 | 1.16E-03 | 1.27E-03 | 1.40E-03 | 1.62E-03 | 4.00E-03 | 1.19E-04                         | 1.11E-03          | 4.43E-05         | 3.16E-09          | 0.00E+00                |
| Indiana                                                                                         | Wells              | 18179 | U                    | 1.34E-03                                                               | 1.34E-03 | 1.36E-03 | 1.42E-03 | 1.89E-03 | 2.19E-03 | 4.00E-03 | 4.00E-03 | 7.62E-04                         | 9.61E-04          | 2.49E-05         | 1.42E-04          | 0.00E+00                |
| Indiana                                                                                         | White              | 18181 | R                    | 2.25E-04                                                               | 2.25E-04 | 3.71E-04 | 5.16E-04 | 5.54E-04 | 7.89E-04 | 8.57E-04 | 8.57E-04 | 6.68E-05                         | 4.74E-04          | 1.30E-05         | 1.41E-07          | 0.00E+00                |
| Indiana                                                                                         | Whitley            | 18183 | U                    | 3.78E-03                                                               | 3.78E-03 | 3.96E-03 | 5.05E-03 | 5.86E-03 | 9.10E-03 | 9.31E-03 | 9.31E-03 | 3.60E-03                         | 2.15E-03          | 1.04E-05         | 1.01E-04          | 0.00E+00                |
| Iowa                                                                                            | Statewide          | N/A   | N/A                  | 1.33E-05                                                               | 1.79E-05 | 5.97E-05 | 2.89E-04 | 1.41E-03 | 9.39E-04 | 2.49E-03 | 6.10E-03 | 1.88E-04                         | 7.91E-04          | 1.42E-05         | 4.18E-04          | 0.00E+00                |
| Iowa                                                                                            | All Urban Counties | N/A   | U                    | 9.27E-05                                                               | 1.36E-04 | 3.26E-04 | 7.15E-04 | 2.20E-03 | 1.41E-03 | 5.02E-03 | 9.61E-03 | 2.98E-04                         | 1.19E-03          | 2.01E-05         | 6.86E-04          | 0.00E+00                |
| Iowa                                                                                            | All Rural Counties | N/A   | R                    | 1.15E-05                                                               | 1.32E-05 | 1.97E-05 | 4.53E-05 | 2.37E-04 | 1.04E-04 | 2.21E-04 | 5.21E-04 | 2.31E-05                         | 1.89E-04          | 5.39E-06         | 1.96E-05          | 0.00E+00                |
| Iowa                                                                                            | Adair              | 19001 | R                    | 8.15E-06                                                               | 8.15E-06 | 8.15E-06 | 1.04E-05 | 1.47E-05 | 2.55E-05 | 2.55E-05 | 2.55E-05 | 0.00E+00                         | 1.26E-05          | 2.11E-06         | 0.00E+00          | 0.00E+00                |
| Iowa                                                                                            | Adams              | 19003 | R                    | 8.58E-06                                                               | 8.58E-06 | 8.58E-06 | 1.09E-05 | 1.09E-05 | 1.32E-05 | 1.32E-05 | 1.32E-05 | 0.00E+00                         | 9.15E-06          | 1.72E-06         | 0.00E+00          | 0.00E+00                |
| Iowa                                                                                            | Allamakee          | 19005 | R                    | 1.40E-05                                                               | 1.40E-05 | 1.60E-05 | 2.08E-05 | 2.49E-05 | 2.14E-05 | 5.23E-05 | 5.23E-05 | 3.42E-06                         | 1.81E-05          | 3.34E-06         | 0.00E+00          | 0.00E+00                |
| Iowa                                                                                            | Appanoose          | 19007 | R                    | 1.15E-05                                                               | 1.15E-05 | 1.72E-05 | 2.24E-05 | 6.58E-05 | 1.34E-04 | 1.44E-04 | 1.44E-04 | 2.01E-06                         | 5.87E-05          | 4.17E-06         | 8.54E-07          | 0.00E+00                |
| Iowa                                                                                            | Audubon            | 19009 | R                    | 1.23E-05                                                               | 1.23E-05 | 1.23E-05 | 5.91E-05 | 4.37E-05 | 5.98E-05 | 5.98E-05 | 5.98E-05 | 0.00E+00                         | 4.05E-05          | 3.21E-06         | 0.00E+00          | 0.00E+00                |
| Iowa                                                                                            | Benton             | 19011 | R                    | 7.10E-05                                                               | 7.10E-05 | 9.51E-05 | 1.76E-04 | 1.57E-04 | 2.21E-04 | 2.29E-04 | 2.29E-04 | 7.32E-06                         | 6.19E-05          | 5.20E-06         | 8.24E-05          | 0.00E+00                |
| Iowa                                                                                            | Black Hawk         | 19013 | U                    | 1.12E-04                                                               | 1.66E-04 | 2.45E-04 | 3.19E-04 | 3.20E-04 | 4.00E-04 | 4.59E-04 | 4.68E-04 | 1.38E-05                         | 2.60E-04          | 1.82E-05         | 2.80E-05          | 0.00E+00                |
| Iowa                                                                                            | Boone              | 19015 | U                    | 7.03E-05                                                               | 7.03E-05 | 9.27E-05 | 1.98E-04 | 2.00E-04 | 2.95E-04 | 3.32E-04 | 3.32E-04 | 1.92E-06                         | 1.58E-04          | 1.35E-05         | 2.64E-05          | 0.00E+00                |
| Iowa                                                                                            | Bremer             | 19017 | R                    | 3.58E-05                                                               | 3.58E-05 | 3.94E-05 | 5.48E-05 | 9.21E-05 | 1.60E-04 | 1.92E-04 | 1.92E-04 | 2.41E-06                         | 7.79E-05          | 5.54E-06         | 6.23E-06          | 0.00E+00                |
| Iowa                                                                                            | Buchanan           | 19019 | R                    | 1.16E-04                                                               | 1.16E-04 | 1.68E-04 | 1.96E-04 | 1.91E-04 | 2.20E-04 | 2.50E-04 | 2.50E-04 | 2.44E-06                         | 1.76E-04          | 8.62E-06         | 4.04E-06          | 0.00E+00                |
| Iowa                                                                                            | Buena Vista        | 19021 | R                    | 1.53E-05                                                               | 1.53E-05 | 1.61E-05 | 1.81E-05 | 4.07E-05 | 8.82E-05 | 8.86E-05 | 8.86E-05 | 0.00E+00                         | 3.35E-05          | 7.19E-06         | 0.00E+00          | 0.00E+00                |
| Iowa                                                                                            | Butler             | 19023 | R                    | 1.84E-05                                                               | 1.84E-05 | 2.69E-05 | 3.18E-05 | 3.20E-05 | 3.47E-05 | 4.80E-05 | 4.80E-05 | 1.28E-06                         | 2.23E-05          | 3.90E-06         | 4.51E-06          | 0.00E+00                |
| Iowa                                                                                            | Calhoun            | 19025 | R                    | 1.98E-05                                                               | 1.98E-05 | 2.68E-05 | 3.52E-05 | 3.39E-05 | 4.10E-05 | 4.55E-05 | 4.55E-05 | 0.00E+00                         | 1.80E-05          | 2.94E-06         | 1.30E-05          | 0.00E+00                |
| Iowa                                                                                            | Carroll            | 19027 | R                    | 2.49E-05                                                               | 2.49E-05 | 2.75E-05 | 2.92E-05 | 7.99E-05 | 1.84E-04 | 1.84E-04 | 1.84E-04 | 0.00E+00                         | 6.96E-05          | 1.03E-05         | 0.00E+00          | 0.00E+00                |
| Iowa                                                                                            | Cass               | 19029 | R                    | 1.12E-05                                                               | 1.12E-05 | 1.15E-05 | 1.29E-05 | 4.88E-05 | 1.04E-04 | 1.04E-04 | 1.04E-04 | 0.00E+00                         | 4.30E-05          | 5.83E-06         | 0.00E+00          | 0.00E+00                |
| Iowa                                                                                            | Cedar              | 19031 | R                    | 3.96E-05                                                               | 3.96E-05 | 1.11E-04 | 1.13E-04 | 1.03E-04 | 1.25E-04 | 1.26E-04 | 1.26E-04 | 1.41E-05                         | 4.87E-05          | 4.74E-06         | 3.54E-05          | 0.00E+00                |
| Iowa                                                                                            | Cerro Gordo        | 19033 | U                    | 1.54E-04                                                               | 1.76E-04 | 2.43E-04 | 4.35E-04 | 6.36E-04 | 6.57E-04 | 1.64E-03 | 2.61E-03 | 3.85E-08                         | 1.19E-04          | 1.82E-05         | 5.00E-04          | 0.00E+00                |
| Iowa                                                                                            | Cherokee           | 19035 | R                    | 2.05E-05                                                               | 2.05E-05 | 2.10E-05 | 2.25E-05 | 3.06E-05 | 4.03E-05 | 5.70E-05 | 5.70E-05 | 0.00E+00                         | 2.72E-05          | 3.41E-06         | 0.00E+00          | 0.00E+00                |
| Iowa                                                                                            | Chickasaw          | 19037 | R                    | 1.67E-05                                                               | 1.67E-05 | 1.71E-05 | 2.18E-05 | 3.11E-05 | 4.51E-05 | 6.40E-05 | 6.40E-05 | 0.00E+00                         | 2.61E-05          | 4.34E-06         | 6.34E-07          | 0.00E+00                |
| Iowa                                                                                            | Clarke             | 19039 | U                    | 9.35E-06                                                               | 9.35E-06 | 9.35E-06 | 1.02E-05 | 3.44E-05 | 8.37E-05 | 8.37E-05 | 8.37E-05 | 0.00E+00                         | 3.05E-05          | 3.98E-06         | 0.00E+00          | 0.00E+00                |
| Iowa                                                                                            | Clay               | 19041 | U                    | 1.49E-05                                                               | 1.49E-05 | 1.49E-05 | 6.71E-05 | 6.71E-05 | 1.19E-04 | 1.19E-04 | 1.19E-04 | 0.00E+00                         | 5.64E-05          | 1.06E-05         | 0.00E+00          | 0.00E+00                |
| Iowa                                                                                            | Clayton            | 19043 | R                    | 1.38E-05                                                               | 1.38E-05 | 1.96E-05 | 3.07E-04 | 2.70E-04 | 4.51E-04 | 5.21E-04 | 5.21E-04 | 1.18E-06                         | 2.66E-04          | 3.00E-06         | 0.00E+00          | 0.00E+00                |
| Iowa                                                                                            | Clinton            | 19045 | U                    | 2.36E-04                                                               | 3.87E-04 | 6.06E-04 | 2.36E-03 | 2.60E-03 | 4.15E-03 | 5.16E-03 | 6.86E-03 | 3.68E-05                         | 2.52E-03          | 2.52E-05         | 1.92E-05          | 0.00E+00                |
| Iowa                                                                                            | Crawford           | 19047 | R                    | 1.07E-05                                                               | 1.07E-05 | 1.21E-05 | 1.24E-05 | 1.86E-05 | 1.51E-05 | 4.25E-05 | 4.25E-05 | 0.00E+00                         | 1.55E-05          | 3.07E-06         | 0.00E+00          | 0.00E+00                |
| Iowa                                                                                            | Dallas             | 19049 | U                    | 1.13E-04                                                               | 1.13E-04 | 1.35E-04 | 1.96E-04 | 2.11E-04 | 2.63E-04 | 3.85E-04 | 3.85E-04 | 3.68E-07                         | 5.92E-05          | 6.46E-06         | 1.45E-04          | 0.00E+00                |
| Iowa                                                                                            | Davis              | 19051 | R                    | 2.57E-05                                                               | 2.57E-05 | 2.57E-05 | 2.60E-05 | 2.60E-05 | 2.63E-05 | 2.63E-05 | 2.63E-05 | 5.81E-06                         | 9.01E-06          | 2.14E-06         | 9.06E-06          | 0.00E+00                |
| Iowa                                                                                            | Decatur            | 19053 | R                    | 6.85E-06                                                               | 6.85E-06 | 6.85E-06 | 1.29E-05 | 1.09E-05 | 1.29E-05 | 1.29E-05 | 1.29E-05 | 0.00E+00                         | 8.38E-06          | 2.49E-06         | 0.00E+00          | 0.00E+00                |
| Iowa                                                                                            | Delaware           | 19055 | R                    | 4.92E-04                                                               | 4.92E-04 | 7.16E-04 | 1.67E-03 | 8.69E-03 | 1.67E-02 | 3.09E-02 | 3.09E-02 | 1.43E-06                         | 8.68E-03          | 5.16E-06         | 3.31E-06          | 0.00E+00                |
| Iowa                                                                                            | Des Moines         | 19057 | U                    | 1.27E-03                                                               | 3.43E-03 | 1.35E-02 | 2.19E-02 | 1.95E-02 | 2.49E-02 | 3.25E-02 | 3.25E-02 | 7.13E-06                         | 1.81E-02          | 2.09E-05         | 1.39E-03          | 0.00E+00                |
| Iowa                                                                                            | Dickinson          | 19059 | R                    | 1.79E-05                                                               | 1.79E-05 | 2.06E-05 | 3.50E-05 | 4.00E-05 | 5.93E-05 | 7.23E-05 | 7.23E-05 | 6.32E-08                         | 3.05E-05          | 6.64E-06         | 2.81E-06          | 0.00E+00                |
| Iowa                                                                                            | Dubuque            | 19061 | U                    | 4.46E-04                                                               | 4.53E-04 | 2.14E-03 | 3.16E-03 | 3.93E-03 | 5.37E-03 | 7.49E-03 | 9.61E-03 | 8.87E-06                         | 3.66E-03          | 1.20E-05         | 2.52E-04          | 0.00E+00                |
| Iowa                                                                                            | Emmet              | 19063 | U                    | 2.35E-05                                                               | 2.35E-05 | 3.23E-05 | 8.75E-05 | 8.33E-05 | 1.34E-04 | 1.35E-04 | 1.35E-04 | 1.25E-07                         | 6.51E-05          | 8.64E-06         | 9.46E-06          | 0.00E+00                |
| Iowa                                                                                            | Fayette            | 19065 | R                    | 1.44E-05                                                               | 1.44E-05 | 1.60E-05 | 5.80E-05 | 8.27E-05 | 1.80E-04 | 1.84E-04 | 1.84E-04 | 1.36E-07                         | 7.51E-05          | 7.03E-06         | 3.64E-07          | 0.00E+00                |
| Iowa                                                                                            | Floyd              | 19067 | R                    | 2.43E-05                                                               | 2.43E-05 | 6.65E-05 | 9.29E-05 | 7.58E-05 | 9.30E-05 | 1.02E-04 | 1.02E-04 | 0.00E+00                         | 4.34E-05          | 7.23E-06         | 2.51E-05          | 0.00E+00                |
| Iowa                                                                                            | Franklin           | 19069 | R                    | 4.52E-05                                                               | 4.52E-05 | 4.52E-05 | 8.61E-05 | 7.31E-05 | 8.80E-05 | 8.80E-05 | 8.80E-05 | 3.69E-07                         | 2.89E-05          | 4.22E-06         | 3.96E-05          | 0.00E+00                |
| Iowa                                                                                            | Fremont            | 19071 | R                    | 1.07E-04                                                               | 1.07E-04 | 1.07E-04 | 1.59E-04 | 1.44E-04 | 1.66E-04 | 1.66E-04 | 1.66E-04 | 6.66E-06                         | 1.35E-04          | 2.54E-06         | 0.00E+00          | 0.00E+00                |

| Estimated Annual Average Ambient Concentrations (µg/m <sup>3</sup> ) for Lead Compounds |               |       |                      |                                                                        |          |          |          |          |          |          |          |                                  |                   |                  |                   |                         |
|-----------------------------------------------------------------------------------------|---------------|-------|----------------------|------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------------------------------|-------------------|------------------|-------------------|-------------------------|
| State                                                                                   | County        | FIPS  | Urban<br>or<br>Rural | Percentile Distribution of Ambient Concentrations Across Census Tracts |          |          |          |          |          |          |          | Contribution to Average from ... |                   |                  |                   |                         |
|                                                                                         |               |       |                      | 5th                                                                    | 10th     | 25th     | Median   | Average  | 75th     | 90th     | 95th     | Major                            | Area and<br>Other | Onroad<br>Mobile | Nonroad<br>Mobile | Estimated<br>Background |
| Iowa                                                                                    | Greene        | 19073 | R                    | 1.26E-05                                                               | 1.26E-05 | 1.62E-05 | 2.17E-05 | 2.01E-05 | 2.40E-05 | 2.44E-05 | 2.44E-05 | 0.00E+00                         | 1.67E-05          | 3.38E-06         | 0.00E+00          | 0.00E+00                |
| Iowa                                                                                    | Grundy        | 19075 | R                    | 2.50E-05                                                               | 2.50E-05 | 3.04E-05 | 3.71E-05 | 3.56E-05 | 4.09E-05 | 4.32E-05 | 4.32E-05 | 4.39E-06                         | 2.55E-05          | 3.98E-06         | 1.75E-06          | 0.00E+00                |
| Iowa                                                                                    | Guthrie       | 19077 | R                    | 9.82E-06                                                               | 9.82E-06 | 9.82E-06 | 1.14E-05 | 1.15E-05 | 1.33E-05 | 1.33E-05 | 1.33E-05 | 0.00E+00                         | 9.26E-06          | 2.24E-06         | 0.00E+00          | 0.00E+00                |
| Iowa                                                                                    | Hamilton      | 19079 | R                    | 7.16E-05                                                               | 7.16E-05 | 1.03E-04 | 1.32E-04 | 1.21E-04 | 1.48E-04 | 1.51E-04 | 1.51E-04 | 1.52E-06                         | 9.40E-05          | 8.42E-06         | 1.71E-05          | 0.00E+00                |
| Iowa                                                                                    | Hancock       | 19081 | R                    | 3.21E-05                                                               | 3.21E-05 | 3.65E-05 | 5.36E-05 | 5.31E-05 | 6.96E-05 | 7.31E-05 | 7.31E-05 | 7.14E-07                         | 1.74E-05          | 3.19E-06         | 3.18E-05          | 0.00E+00                |
| Iowa                                                                                    | Hardin        | 19083 | R                    | 2.53E-05                                                               | 2.53E-05 | 7.11E-05 | 7.34E-05 | 6.62E-05 | 7.46E-05 | 7.92E-05 | 7.92E-05 | 2.06E-06                         | 5.91E-05          | 4.97E-06         | 0.00E+00          | 0.00E+00                |
| Iowa                                                                                    | Harrison      | 19085 | R                    | 1.55E-05                                                               | 1.55E-05 | 1.84E-04 | 1.96E-04 | 5.37E-04 | 6.85E-04 | 1.61E-03 | 1.61E-03 | 2.45E-04                         | 1.80E-04          | 4.72E-06         | 1.07E-04          | 0.00E+00                |
| Iowa                                                                                    | Henry         | 19087 | R                    | 3.01E-04                                                               | 3.01E-04 | 3.88E-04 | 5.72E-04 | 5.92E-04 | 6.04E-04 | 1.09E-03 | 1.09E-03 | 1.58E-06                         | 5.56E-04          | 1.05E-05         | 2.38E-05          | 0.00E+00                |
| Iowa                                                                                    | Howard        | 19089 | R                    | 1.15E-05                                                               | 1.15E-05 | 1.15E-05 | 1.20E-05 | 2.55E-05 | 5.32E-05 | 5.32E-05 | 5.32E-05 | 0.00E+00                         | 2.22E-05          | 3.36E-06         | 0.00E+00          | 0.00E+00                |
| Iowa                                                                                    | Humboldt      | 19091 | R                    | 4.67E-05                                                               | 4.67E-05 | 6.15E-05 | 2.01E-04 | 1.99E-04 | 3.37E-04 | 3.49E-04 | 3.49E-04 | 4.13E-07                         | 1.11E-04          | 8.20E-06         | 7.92E-05          | 0.00E+00                |
| Iowa                                                                                    | Ida           | 19093 | R                    | 1.32E-05                                                               | 1.32E-05 | 1.32E-05 | 3.40E-05 | 2.73E-05 | 3.46E-05 | 3.46E-05 | 3.46E-05 | 0.00E+00                         | 2.42E-05          | 3.05E-06         | 0.00E+00          | 0.00E+00                |
| Iowa                                                                                    | Iowa          | 19095 | R                    | 3.74E-05                                                               | 3.74E-05 | 4.91E-05 | 6.66E-05 | 7.08E-05 | 9.25E-05 | 1.13E-04 | 1.13E-04 | 2.42E-06                         | 2.37E-05          | 2.78E-06         | 4.19E-05          | 0.00E+00                |
| Iowa                                                                                    | Jackson       | 19097 | R                    | 3.06E-04                                                               | 3.06E-04 | 3.44E-04 | 4.56E-04 | 4.48E-04 | 5.62E-04 | 5.62E-04 | 5.62E-04 | 5.22E-06                         | 4.04E-04          | 7.65E-06         | 3.12E-05          | 0.00E+00                |
| Iowa                                                                                    | Jasper        | 19099 | R                    | 1.51E-05                                                               | 1.51E-05 | 8.21E-05 | 1.24E-04 | 1.30E-04 | 1.91E-04 | 2.18E-04 | 2.18E-04 | 2.49E-06                         | 7.55E-05          | 1.17E-05         | 4.03E-05          | 0.00E+00                |
| Iowa                                                                                    | Jefferson     | 19101 | U                    | 9.52E-06                                                               | 9.52E-06 | 1.70E-05 | 6.07E-05 | 5.76E-05 | 9.82E-05 | 9.93E-05 | 9.93E-05 | 1.11E-06                         | 4.22E-05          | 7.67E-06         | 6.60E-06          | 0.00E+00                |
| Iowa                                                                                    | Johnson       | 19103 | U                    | 2.46E-04                                                               | 3.03E-04 | 3.64E-04 | 4.56E-04 | 5.71E-04 | 6.27E-04 | 1.17E-03 | 1.19E-03 | 1.29E-05                         | 3.76E-04          | 1.40E-05         | 1.68E-04          | 0.00E+00                |
| Iowa                                                                                    | Jones         | 19105 | R                    | 4.91E-05                                                               | 4.91E-05 | 6.05E-05 | 1.91E-04 | 1.55E-04 | 2.16E-04 | 2.22E-04 | 2.22E-04 | 3.52E-06                         | 1.29E-04          | 6.82E-06         | 1.58E-05          | 0.00E+00                |
| Iowa                                                                                    | Keokuk        | 19107 | R                    | 1.33E-05                                                               | 1.33E-05 | 1.64E-05 | 2.00E-05 | 1.98E-05 | 2.32E-05 | 2.59E-05 | 2.59E-05 | 1.57E-06                         | 8.54E-06          | 1.95E-06         | 7.76E-06          | 0.00E+00                |
| Iowa                                                                                    | Kossuth       | 19109 | R                    | 9.47E-06                                                               | 9.47E-06 | 1.64E-05 | 3.91E-05 | 4.55E-05 | 8.44E-05 | 8.44E-05 | 8.44E-05 | 5.85E-08                         | 3.06E-05          | 5.49E-06         | 9.34E-06          | 0.00E+00                |
| Iowa                                                                                    | Lee           | 19111 | U                    | 3.40E-04                                                               | 3.51E-04 | 4.75E-04 | 6.31E-04 | 8.66E-04 | 1.17E-03 | 1.31E-03 | 2.62E-03 | 2.59E-06                         | 8.09E-04          | 1.83E-05         | 3.57E-05          | 0.00E+00                |
| Iowa                                                                                    | Linn          | 19113 | U                    | 2.66E-04                                                               | 3.59E-04 | 5.46E-04 | 7.26E-04 | 7.57E-04 | 8.90E-04 | 1.13E-03 | 1.26E-03 | 2.49E-05                         | 3.73E-04          | 1.96E-05         | 3.40E-04          | 0.00E+00                |
| Iowa                                                                                    | Louisia       | 19115 | R                    | 5.18E-05                                                               | 5.18E-05 | 5.18E-05 | 6.69E-05 | 2.25E-04 | 5.55E-04 | 5.55E-04 | 5.55E-04 | 1.71E-05                         | 1.91E-04          | 4.62E-06         | 1.23E-05          | 0.00E+00                |
| Iowa                                                                                    | Lucas         | 19117 | R                    | 1.22E-05                                                               | 1.22E-05 | 1.40E-05 | 5.47E-05 | 5.39E-05 | 9.38E-05 | 9.40E-05 | 9.40E-05 | 1.22E-06                         | 4.75E-05          | 5.18E-06         | 0.00E+00          | 0.00E+00                |
| Iowa                                                                                    | Lyon          | 19119 | R                    | 2.06E-05                                                               | 2.06E-05 | 2.06E-05 | 6.23E-05 | 5.07E-05 | 6.93E-05 | 6.93E-05 | 6.93E-05 | 0.00E+00                         | 1.56E-05          | 3.05E-06         | 3.20E-05          | 0.00E+00                |
| Iowa                                                                                    | Madison       | 19121 | R                    | 5.83E-05                                                               | 5.83E-05 | 5.83E-05 | 1.99E-04 | 1.53E-04 | 2.01E-04 | 2.01E-04 | 2.01E-04 | 0.00E+00                         | 4.30E-05          | 5.28E-06         | 1.05E-04          | 0.00E+00                |
| Iowa                                                                                    | Mahaska       | 19123 | R                    | 2.53E-05                                                               | 2.53E-05 | 3.66E-05 | 9.99E-05 | 9.66E-05 | 1.45E-04 | 1.88E-04 | 1.88E-04 | 6.08E-06                         | 6.36E-05          | 1.09E-05         | 1.60E-05          | 0.00E+00                |
| Iowa                                                                                    | Marion        | 19125 | U                    | 4.59E-05                                                               | 4.59E-05 | 1.31E-04 | 1.46E-04 | 1.76E-04 | 2.78E-04 | 2.79E-04 | 2.79E-04 | 3.62E-06                         | 1.25E-04          | 1.21E-05         | 3.52E-05          | 0.00E+00                |
| Iowa                                                                                    | Marshall      | 19127 | U                    | 7.82E-05                                                               | 9.58E-05 | 1.25E-04 | 1.87E-04 | 1.97E-04 | 2.31E-04 | 3.21E-04 | 3.34E-04 | 9.96E-06                         | 1.65E-04          | 2.16E-05         | 0.00E+00          | 0.00E+00                |
| Iowa                                                                                    | Mills         | 19129 | R                    | 7.66E-04                                                               | 7.66E-04 | 1.43E-03 | 2.10E-03 | 2.87E-03 | 4.31E-03 | 6.50E-03 | 6.50E-03 | 1.35E-03                         | 1.07E-03          | 1.11E-05         | 4.36E-04          | 0.00E+00                |
| Iowa                                                                                    | Mitchell      | 19131 | R                    | 1.73E-05                                                               | 1.73E-05 | 1.73E-05 | 3.79E-05 | 5.00E-05 | 9.49E-05 | 9.49E-05 | 9.49E-05 | 1.92E-07                         | 3.08E-05          | 4.25E-06         | 1.48E-05          | 0.00E+00                |
| Iowa                                                                                    | Monona        | 19133 | R                    | 1.40E-05                                                               | 1.40E-05 | 1.98E-05 | 4.96E-05 | 4.81E-05 | 7.65E-05 | 7.93E-05 | 7.93E-05 | 1.44E-05                         | 2.90E-05          | 2.83E-06         | 1.89E-06          | 0.00E+00                |
| Iowa                                                                                    | Monroe        | 19135 | R                    | 2.95E-05                                                               | 2.95E-05 | 2.95E-05 | 4.39E-05 | 3.96E-05 | 4.53E-05 | 4.53E-05 | 4.53E-05 | 8.88E-06                         | 1.71E-05          | 2.74E-06         | 1.09E-05          | 0.00E+00                |
| Iowa                                                                                    | Montgomery    | 19137 | U                    | 1.72E-05                                                               | 1.72E-05 | 1.75E-05 | 7.11E-05 | 7.10E-05 | 1.25E-04 | 1.25E-04 | 1.25E-04 | 0.00E+00                         | 6.33E-05          | 7.70E-06         | 0.00E+00          | 0.00E+00                |
| Iowa                                                                                    | Muscatine     | 19139 | U                    | 6.72E-05                                                               | 8.11E-05 | 1.73E-04 | 3.35E-04 | 2.78E-04 | 3.57E-04 | 4.07E-04 | 4.45E-04 | 6.60E-05                         | 1.15E-04          | 2.15E-05         | 7.48E-05          | 0.00E+00                |
| Iowa                                                                                    | O'Brien       | 19141 | R                    | 2.01E-05                                                               | 2.01E-05 | 2.17E-05 | 2.43E-05 | 3.50E-05 | 4.83E-05 | 7.12E-05 | 7.12E-05 | 0.00E+00                         | 3.03E-05          | 4.72E-06         | 0.00E+00          | 0.00E+00                |
| Iowa                                                                                    | Osceola       | 19143 | R                    | 2.41E-05                                                               | 2.41E-05 | 2.41E-05 | 3.03E-05 | 3.03E-05 | 3.65E-05 | 3.65E-05 | 3.65E-05 | 0.00E+00                         | 1.72E-05          | 3.50E-06         | 9.56E-06          | 0.00E+00                |
| Iowa                                                                                    | Page          | 19145 | U                    | 2.09E-05                                                               | 2.09E-05 | 2.36E-05 | 1.37E-04 | 1.12E-04 | 1.77E-04 | 1.77E-04 | 1.77E-04 | 1.45E-07                         | 1.03E-04          | 9.13E-06         | 0.00E+00          | 0.00E+00                |
| Iowa                                                                                    | Palo Alto     | 19147 | R                    | 1.17E-05                                                               | 1.17E-05 | 1.48E-05 | 1.85E-05 | 2.44E-05 | 3.39E-05 | 4.87E-05 | 4.87E-05 | 0.00E+00                         | 2.07E-05          | 3.71E-06         | 0.00E+00          | 0.00E+00                |
| Iowa                                                                                    | Plymouth      | 19149 | R                    | 1.91E-05                                                               | 1.91E-05 | 2.96E-05 | 4.83E-05 | 5.20E-05 | 8.32E-05 | 8.35E-05 | 8.35E-05 | 1.41E-06                         | 4.33E-05          | 6.12E-06         | 1.23E-06          | 0.00E+00                |
| Iowa                                                                                    | Pocahontas    | 19151 | R                    | 1.41E-05                                                               | 1.41E-05 | 1.41E-05 | 3.23E-05 | 2.83E-05 | 3.85E-05 | 3.85E-05 | 3.85E-05 | 0.00E+00                         | 1.26E-05          | 2.43E-06         | 1.32E-05          | 0.00E+00                |
| Iowa                                                                                    | Polk          | 19153 | U                    | 4.96E-04                                                               | 5.96E-04 | 8.53E-04 | 1.28E-03 | 2.03E-03 | 1.87E-03 | 3.63E-03 | 6.36E-03 | 7.95E-07                         | 3.11E-04          | 3.11E-05         | 1.68E-03          | 0.00E+00                |
| Iowa                                                                                    | Pottawattamie | 19155 | U                    | 4.56E-04                                                               | 6.18E-04 | 4.19E-03 | 7.81E-03 | 1.18E-02 | 1.86E-02 | 2.62E-02 | 3.26E-02 | 5.16E-03                         | 2.18E-03          | 1.67E-05         | 4.44E-03          | 0.00E+00                |
| Iowa                                                                                    | Poweshiek     | 19157 | R                    | 1.24E-05                                                               | 1.24E-05 | 1.56E-05 | 1.78E-05 | 4.21E-05 | 8.22E-05 | 8.24E-05 | 8.24E-05 | 1.72E-06                         | 3.44E-05          | 5.94E-06         | 0.00E+00          | 0.00E+00                |
| Iowa                                                                                    | Ringgold      | 19159 | R                    | 1.32E-05                                                               | 1.32E-05 | 1.32E-05 | 1.34E-05 | 1.34E-05 | 1.36E-05 | 1.36E-05 | 1.36E-05 | 0.00E+00                         | 1.16E-05          | 1.84E-06         | 0.00E+00          | 0.00E+00                |
| Iowa                                                                                    | Sac           | 19161 | R                    | 1.50E-05                                                               | 1.50E-05 | 1.56E-05 | 1.65E-05 | 1.97E-05 | 2.39E-05 | 3.09E-05 | 3.09E-05 | 0.00E+00                         | 1.65E-05          | 3.25E-06         | 0.00E+00          | 0.00E+00                |
| Iowa                                                                                    | Scott         | 19163 | U                    | 3.48E-04                                                               | 5.19E-04 | 9.31E-04 | 1.14E-03 | 1.21E-03 | 1.53E-03 | 1.95E-03 | 2.46E-03 | 4.00E-05                         | 9.14E-04          | 3.01E-05         | 2.23E-04          | 0.00E+00                |
| Iowa                                                                                    | Shelby        | 19165 | R                    | 1.33E-05                                                               | 1.33E-05 | 1.55E-05 | 3.87E-05 | 3.75E-05 | 5.96E-05 | 5.96E-05 | 5.96E-05 | 0.00E+00                         | 3.29E-05          | 4.61E-06         | 0.00E+00          | 0.00E+00                |
| Iowa                                                                                    | Sioux         | 19167 | R                    | 2.17E-05                                                               | 2.17E-05 | 2.48E-05 | 2.69E-05 | 5.10E-05 | 8.56E-05 | 1.44E-04 | 1.44E-04 | 0.00E+00                         | 4.42E-05          | 6.81E-06         | 0.00E+00          | 0.00E+00                |
| Iowa                                                                                    | Story         | 19169 | U                    | 5.11E-04                                                               | 5.58E-04 | 7.74E-04 | 8.51E-04 | 9.18E-04 | 1.12E-03 | 1.38E-03 | 1.45E-03 | 1.76E-05                         | 8.67E-04          | 2.65E-05         | 6.76E-06          | 0.00E+00                |
| Iowa                                                                                    | Tama          | 19171 | R                    | 2.21E-05                                                               | 2.21E-05 | 2.67E-05 | 3.05E-05 | 3.68E-05 | 5.49E-05 | 5.61E-05 | 5.61E-05 | 5.82E-06                         | 2.50E-05          | 5.16E-06         | 8.21E-07          | 0.00E+00                |

| Estimated Annual Average Ambient Concentrations (µg/m <sup>3</sup> ) for Lead Compounds |                    |       |                      |                                                                        |          |          |          |          |          |          |          |                                  |                   |                  |                   |                         |
|-----------------------------------------------------------------------------------------|--------------------|-------|----------------------|------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------------------------------|-------------------|------------------|-------------------|-------------------------|
| State                                                                                   | County             | FIPS  | Urban<br>or<br>Rural | Percentile Distribution of Ambient Concentrations Across Census Tracts |          |          |          |          |          |          |          | Contribution to Average from ... |                   |                  |                   |                         |
|                                                                                         |                    |       |                      | 5th                                                                    | 10th     | 25th     | Median   | Average  | 75th     | 90th     | 95th     | Major                            | Area and<br>Other | Onroad<br>Mobile | Nonroad<br>Mobile | Estimated<br>Background |
| Iowa                                                                                    | Taylor             | 19173 | R                    | 7.98E-06                                                               | 7.98E-06 | 7.98E-06 | 1.15E-05 | 1.05E-05 | 1.20E-05 | 1.20E-05 | 1.20E-05 | 0.00E+00                         | 8.87E-06          | 1.61E-06         | 0.00E+00          | 0.00E+00                |
| Iowa                                                                                    | Union              | 19175 | U                    | 9.56E-06                                                               | 9.56E-06 | 1.06E-05 | 6.10E-05 | 6.06E-05 | 1.11E-04 | 1.11E-04 | 1.11E-04 | 0.00E+00                         | 5.30E-05          | 7.60E-06         | 0.00E+00          | 0.00E+00                |
| Iowa                                                                                    | Van Buren          | 19177 | R                    | 1.07E-05                                                               | 1.07E-05 | 1.07E-05 | 1.12E-05 | 1.12E-05 | 1.16E-05 | 1.16E-05 | 1.16E-05 | 0.00E+00                         | 8.92E-06          | 2.25E-06         | 0.00E+00          | 0.00E+00                |
| Iowa                                                                                    | Wapello            | 19179 | U                    | 4.92E-05                                                               | 4.94E-05 | 1.33E-04 | 2.09E-04 | 1.77E-04 | 2.29E-04 | 2.32E-04 | 3.08E-04 | 5.57E-06                         | 7.76E-05          | 1.40E-05         | 8.02E-05          | 0.00E+00                |
| Iowa                                                                                    | Warren             | 19181 | U                    | 1.72E-04                                                               | 1.89E-04 | 3.81E-04 | 6.30E-04 | 8.06E-04 | 1.09E-03 | 1.41E-03 | 2.55E-03 | 3.70E-07                         | 1.43E-04          | 1.06E-05         | 6.52E-04          | 0.00E+00                |
| Iowa                                                                                    | Washington         | 19183 | R                    | 1.52E-05                                                               | 1.52E-05 | 3.68E-05 | 9.28E-05 | 6.91E-05 | 1.00E-04 | 1.01E-04 | 1.01E-04 | 3.95E-06                         | 4.72E-05          | 8.09E-06         | 9.82E-06          | 0.00E+00                |
| Iowa                                                                                    | Wayne              | 19185 | R                    | 7.59E-06                                                               | 7.59E-06 | 7.59E-06 | 9.04E-06 | 8.78E-06 | 9.72E-06 | 9.72E-06 | 9.72E-06 | 3.03E-07                         | 6.97E-06          | 1.52E-06         | 0.00E+00          | 0.00E+00                |
| Iowa                                                                                    | Webster            | 19187 | U                    | 9.95E-05                                                               | 1.07E-04 | 1.99E-04 | 6.41E-04 | 6.79E-04 | 9.69E-04 | 1.45E-03 | 1.46E-03 | 2.06E-07                         | 1.39E-04          | 2.28E-05         | 5.17E-04          | 0.00E+00                |
| Iowa                                                                                    | Winnebago          | 19189 | R                    | 1.34E-05                                                               | 1.34E-05 | 1.34E-05 | 7.36E-05 | 6.58E-05 | 1.10E-04 | 1.10E-04 | 1.10E-04 | 0.00E+00                         | 2.67E-05          | 3.94E-06         | 3.52E-05          | 0.00E+00                |
| Iowa                                                                                    | Winneshek          | 19191 | R                    | 1.56E-05                                                               | 1.56E-05 | 1.58E-05 | 1.61E-05 | 3.39E-05 | 6.10E-05 | 6.12E-05 | 6.12E-05 | 2.33E-07                         | 2.75E-05          | 6.15E-06         | 0.00E+00          | 0.00E+00                |
| Iowa                                                                                    | Woodbury           | 19193 | U                    | 9.01E-05                                                               | 1.33E-04 | 4.01E-04 | 7.24E-04 | 1.11E-03 | 1.16E-03 | 1.94E-03 | 3.26E-03 | 1.04E-05                         | 1.07E-03          | 1.34E-05         | 1.49E-05          | 0.00E+00                |
| Iowa                                                                                    | Worth              | 19195 | R                    | 5.38E-05                                                               | 5.38E-05 | 5.38E-05 | 6.73E-05 | 8.36E-05 | 1.30E-04 | 1.30E-04 | 1.30E-04 | 7.90E-08                         | 1.61E-05          | 3.19E-06         | 6.42E-05          | 0.00E+00                |
| Iowa                                                                                    | Wright             | 19197 | R                    | 1.75E-05                                                               | 1.75E-05 | 2.46E-05 | 3.23E-05 | 4.67E-05 | 7.78E-05 | 8.16E-05 | 8.16E-05 | 1.75E-06                         | 2.77E-05          | 5.10E-06         | 1.22E-05          | 0.00E+00                |
| Kansas                                                                                  | Statewide          | N/A   | N/A                  | 5.47E-06                                                               | 1.23E-05 | 9.38E-05 | 6.50E-04 | 2.10E-03 | 2.63E-03 | 5.79E-03 | 9.76E-03 | 7.80E-05                         | 1.65E-03          | 1.94E-05         | 3.62E-04          | 0.00E+00                |
| Kansas                                                                                  | All Urban Counties | N/A   | U                    | 3.05E-05                                                               | 9.07E-05 | 3.44E-04 | 1.01E-03 | 2.71E-03 | 3.32E-03 | 7.04E-03 | 1.13E-02 | 8.40E-05                         | 2.13E-03          | 2.44E-05         | 4.73E-04          | 0.00E+00                |
| Kansas                                                                                  | All Rural Counties | N/A   | R                    | 2.10E-06                                                               | 2.64E-06 | 7.76E-06 | 3.00E-05 | 1.72E-04 | 1.43E-04 | 6.10E-04 | 7.59E-04 | 5.90E-05                         | 1.00E-04          | 3.45E-06         | 9.95E-06          | 0.00E+00                |
| Kansas                                                                                  | Allen              | 20001 | R                    | 9.09E-05                                                               | 9.09E-05 | 2.36E-04 | 4.09E-04 | 3.65E-04 | 4.35E-04 | 6.52E-04 | 6.52E-04 | 3.19E-04                         | 3.82E-05          | 7.13E-06         | 0.00E+00          | 0.00E+00                |
| Kansas                                                                                  | Anderson           | 20003 | R                    | 7.68E-06                                                               | 7.68E-06 | 7.68E-06 | 1.11E-05 | 1.11E-05 | 1.46E-05 | 1.46E-05 | 1.46E-05 | 0.00E+00                         | 8.70E-06          | 2.43E-06         | 0.00E+00          | 0.00E+00                |
| Kansas                                                                                  | Atchison           | 20005 | U                    | 2.01E-04                                                               | 2.01E-04 | 1.49E-03 | 2.82E-03 | 3.01E-03 | 4.52E-03 | 6.18E-03 | 6.18E-03 | 2.49E-03                         | 8.85E-05          | 1.26E-05         | 4.10E-04          | 0.00E+00                |
| Kansas                                                                                  | Barber             | 20007 | R                    | 3.17E-06                                                               | 3.17E-06 | 3.17E-06 | 3.67E-06 | 3.67E-06 | 4.16E-06 | 4.16E-06 | 4.16E-06 | 0.00E+00                         | 3.08E-06          | 5.85E-07         | 0.00E+00          | 0.00E+00                |
| Kansas                                                                                  | Barton             | 20009 | U                    | 1.63E-05                                                               | 1.63E-05 | 4.66E-05 | 1.29E-04 | 1.24E-04 | 1.83E-04 | 2.60E-04 | 2.60E-04 | 0.00E+00                         | 6.78E-05          | 1.12E-05         | 4.52E-05          | 0.00E+00                |
| Kansas                                                                                  | Bourbon            | 20011 | U                    | 1.90E-05                                                               | 1.90E-05 | 2.62E-05 | 3.97E-05 | 5.83E-05 | 8.87E-05 | 1.18E-04 | 1.18E-04 | 1.47E-05                         | 3.64E-05          | 7.18E-06         | 0.00E+00          | 0.00E+00                |
| Kansas                                                                                  | Brown              | 20013 | R                    | 1.75E-04                                                               | 1.75E-04 | 1.75E-04 | 2.97E-04 | 2.58E-04 | 3.01E-04 | 3.01E-04 | 3.01E-04 | 2.34E-04                         | 2.04E-05          | 3.56E-06         | 0.00E+00          | 0.00E+00                |
| Kansas                                                                                  | Butler             | 20015 | U                    | 4.06E-05                                                               | 9.04E-05 | 9.37E-05 | 2.30E-04 | 3.84E-04 | 6.32E-04 | 1.05E-03 | 1.14E-03 | 4.96E-06                         | 3.53E-04          | 4.56E-06         | 2.18E-05          | 0.00E+00                |
| Kansas                                                                                  | Chase              | 20017 | R                    | 4.86E-05                                                               | 4.86E-05 | 4.86E-05 | 4.86E-05 | 4.86E-05 | 4.86E-05 | 4.86E-05 | 4.86E-05 | 0.00E+00                         | 3.82E-05          | 1.08E-06         | 9.30E-06          | 0.00E+00                |
| Kansas                                                                                  | Chautauqua         | 20019 | R                    | 2.64E-05                                                               | 2.64E-05 | 2.64E-05 | 2.64E-05 | 2.64E-05 | 2.64E-05 | 2.64E-05 | 2.64E-05 | 0.00E+00                         | 2.50E-05          | 1.38E-06         | 0.00E+00          | 0.00E+00                |
| Kansas                                                                                  | Cherokee           | 20021 | R                    | 1.27E-03                                                               | 1.27E-03 | 1.31E-03 | 1.76E-03 | 1.77E-03 | 1.90E-03 | 2.62E-03 | 2.62E-03 | 5.49E-04                         | 1.14E-03          | 7.33E-06         | 6.99E-05          | 0.00E+00                |
| Kansas                                                                                  | Cheyenne           | 20023 | R                    | 8.98E-06                                                               | 8.98E-06 | 8.98E-06 | 9.18E-06 | 9.18E-06 | 9.37E-06 | 9.37E-06 | 9.37E-06 | 0.00E+00                         | 2.50E-06          | 3.40E-07         | 6.34E-06          | 0.00E+00                |
| Kansas                                                                                  | Clark              | 20025 | R                    | 1.13E-06                                                               | 1.13E-06 | 1.13E-06 | 1.13E-06 | 1.13E-06 | 1.13E-06 | 1.13E-06 | 1.13E-06 | 0.00E+00                         | 8.07E-07          | 3.21E-07         | 0.00E+00          | 0.00E+00                |
| Kansas                                                                                  | Clay               | 20027 | U                    | 2.86E-05                                                               | 2.86E-05 | 2.86E-05 | 3.40E-05 | 3.40E-05 | 3.94E-05 | 3.94E-05 | 3.94E-05 | 0.00E+00                         | 1.61E-05          | 5.83E-06         | 1.21E-05          | 0.00E+00                |
| Kansas                                                                                  | Cloud              | 20029 | U                    | 1.04E-05                                                               | 1.04E-05 | 1.12E-05 | 3.03E-05 | 3.00E-05 | 4.88E-05 | 4.88E-05 | 4.88E-05 | 0.00E+00                         | 2.61E-05          | 3.91E-06         | 0.00E+00          | 0.00E+00                |
| Kansas                                                                                  | Coffey             | 20031 | R                    | 1.23E-05                                                               | 1.23E-05 | 1.23E-05 | 3.17E-05 | 3.13E-05 | 5.00E-05 | 5.00E-05 | 5.00E-05 | 0.00E+00                         | 2.72E-05          | 2.63E-06         | 1.54E-06          | 0.00E+00                |
| Kansas                                                                                  | Comanche           | 20033 | R                    | 2.37E-06                                                               | 2.37E-06 | 2.37E-06 | 2.37E-06 | 2.37E-06 | 2.37E-06 | 2.37E-06 | 2.37E-06 | 0.00E+00                         | 2.13E-06          | 2.40E-07         | 0.00E+00          | 0.00E+00                |
| Kansas                                                                                  | Cowley             | 20035 | U                    | 1.05E-05                                                               | 3.12E-05 | 6.22E-05 | 8.94E-05 | 9.45E-05 | 1.31E-04 | 1.45E-04 | 1.57E-04 | 2.86E-06                         | 7.06E-05          | 1.29E-05         | 8.05E-06          | 0.00E+00                |
| Kansas                                                                                  | Crawford           | 20037 | U                    | 1.18E-04                                                               | 1.84E-04 | 1.96E-04 | 8.03E-04 | 6.75E-04 | 8.82E-04 | 9.08E-04 | 1.08E-03 | 2.26E-05                         | 5.90E-04          | 1.47E-05         | 4.84E-05          | 0.00E+00                |
| Kansas                                                                                  | Decatur            | 20039 | R                    | 3.33E-06                                                               | 3.33E-06 | 3.33E-06 | 7.54E-06 | 7.54E-06 | 1.17E-05 | 1.17E-05 | 1.17E-05 | 0.00E+00                         | 4.06E-06          | 8.59E-07         | 2.62E-06          | 0.00E+00                |
| Kansas                                                                                  | Dickinson          | 20041 | R                    | 5.27E-05                                                               | 5.27E-05 | 1.17E-04 | 1.63E-04 | 1.57E-04 | 2.19E-04 | 2.24E-04 | 2.24E-04 | 0.00E+00                         | 1.33E-04          | 8.05E-06         | 1.59E-05          | 0.00E+00                |
| Kansas                                                                                  | Doniphan           | 20043 | R                    | 4.51E-04                                                               | 4.51E-04 | 4.51E-04 | 6.00E-04 | 5.70E-04 | 6.60E-04 | 6.60E-04 | 6.60E-04 | 4.88E-04                         | 7.90E-05          | 3.41E-06         | 2.19E-07          | 0.00E+00                |
| Kansas                                                                                  | Douglas            | 20045 | U                    | 3.91E-04                                                               | 5.73E-04 | 1.83E-03 | 3.06E-03 | 4.83E-03 | 7.13E-03 | 9.86E-03 | 1.45E-02 | 8.02E-06                         | 4.80E-03          | 1.87E-05         | 1.78E-06          | 0.00E+00                |
| Kansas                                                                                  | Edwards            | 20047 | R                    | 5.73E-06                                                               | 5.73E-06 | 5.73E-06 | 1.65E-05 | 1.65E-05 | 2.73E-05 | 2.73E-05 | 2.73E-05 | 0.00E+00                         | 1.54E-05          | 1.16E-06         | 0.00E+00          | 0.00E+00                |
| Kansas                                                                                  | Elk                | 20049 | R                    | 8.76E-06                                                               | 8.76E-06 | 8.76E-06 | 8.76E-06 | 8.76E-06 | 8.76E-06 | 8.76E-06 | 8.76E-06 | 0.00E+00                         | 8.00E-06          | 7.60E-07         | 0.00E+00          | 0.00E+00                |
| Kansas                                                                                  | Ellis              | 20051 | U                    | 1.17E-04                                                               | 1.17E-04 | 2.00E-04 | 4.16E-03 | 2.66E-03 | 4.17E-03 | 4.64E-03 | 4.64E-03 | 0.00E+00                         | 2.48E-03          | 9.11E-06         | 1.63E-04          | 0.00E+00                |
| Kansas                                                                                  | Ellsworth          | 20053 | R                    | 1.03E-05                                                               | 1.03E-05 | 1.03E-05 | 1.08E-05 | 1.08E-05 | 1.13E-05 | 1.13E-05 | 1.13E-05 | 0.00E+00                         | 9.28E-06          | 1.51E-06         | 0.00E+00          | 0.00E+00                |
| Kansas                                                                                  | Finney             | 20055 | U                    | 8.93E-05                                                               | 8.93E-05 | 1.03E-04 | 1.12E-04 | 1.56E-04 | 1.18E-04 | 3.99E-04 | 3.99E-04 | 2.58E-06                         | 1.08E-04          | 1.47E-05         | 3.01E-05          | 0.00E+00                |
| Kansas                                                                                  | Ford               | 20057 | U                    | 1.42E-05                                                               | 1.42E-05 | 2.30E-05 | 1.70E-04 | 1.77E-04 | 1.92E-04 | 4.94E-04 | 4.94E-04 | 0.00E+00                         | 7.18E-05          | 1.34E-05         | 9.21E-05          | 0.00E+00                |
| Kansas                                                                                  | Franklin           | 20059 | R                    | 2.60E-05                                                               | 2.60E-05 | 1.84E-04 | 2.06E-04 | 1.89E-04 | 2.62E-04 | 2.66E-04 | 2.66E-04 | 1.51E-06                         | 1.69E-04          | 1.75E-05         | 5.47E-07          | 0.00E+00                |
| Kansas                                                                                  | Geary              | 20061 | U                    | 5.55E-05                                                               | 5.55E-05 | 1.75E-04 | 2.29E-04 | 2.17E-04 | 2.83E-04 | 3.07E-04 | 3.07E-04 | 0.00E+00                         | 1.10E-04          | 3.79E-05         | 6.90E-05          | 0.00E+00                |
| Kansas                                                                                  | Gove               | 20063 | R                    | 1.93E-06                                                               | 1.93E-06 | 1.93E-06 | 1.94E-06 | 1.94E-06 | 1.94E-06 | 1.94E-06 | 1.94E-06 | 0.00E+00                         | 1.63E-06          | 3.02E-07         | 0.00E+00          | 0.00E+00                |
| Kansas                                                                                  | Graham             | 20065 | R                    | 4.93E-06                                                               | 4.93E-06 | 4.93E-06 | 1.53E-05 | 1.53E-05 | 2.58E-05 | 2.58E-05 | 2.58E-05 | 0.00E+00                         | 1.46E-05          | 7.70E-07         | 0.00E+00          | 0.00E+00                |
| Kansas                                                                                  | Grant              | 20067 | U                    | 2.32E-05                                                               | 2.32E-05 | 2.32E-05 | 2.42E-05 | 2.42E-05 | 2.51E-05 | 2.51E-05 | 2.51E-05 | 9.20E-07                         | 2.06E-05          | 2.67E-06         | 0.00E+00          | 0.00E+00                |

| Estimated Annual Average Ambient Concentrations ( $\mu\text{g}/\text{m}^3$ ) for Lead Compounds |              |       |                      |                                                                        |          |          |          |          |          |          |          |                                  |                   |                  |                   |                         |
|-------------------------------------------------------------------------------------------------|--------------|-------|----------------------|------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------------------------------|-------------------|------------------|-------------------|-------------------------|
| State                                                                                           | County       | FIPS  | Urban<br>or<br>Rural | Percentile Distribution of Ambient Concentrations Across Census Tracts |          |          |          |          |          |          |          | Contribution to Average from ... |                   |                  |                   |                         |
|                                                                                                 |              |       |                      | 5th                                                                    | 10th     | 25th     | Median   | Average  | 75th     | 90th     | 95th     | Major                            | Area and<br>Other | Onroad<br>Mobile | Nonroad<br>Mobile | Estimated<br>Background |
| Kansas                                                                                          | Gray         | 20069 | R                    | 1.12E-05                                                               | 1.12E-05 | 1.12E-05 | 1.76E-05 | 1.76E-05 | 2.39E-05 | 2.39E-05 | 2.39E-05 | 0.00E+00                         | 3.14E-06          | 7.22E-07         | 1.37E-05          | 0.00E+00                |
| Kansas                                                                                          | Greeley      | 20071 | R                    | 8.55E-07                                                               | 8.55E-07 | 8.55E-07 | 8.55E-07 | 8.55E-07 | 8.55E-07 | 8.55E-07 | 8.55E-07 | 0.00E+00                         | 6.74E-07          | 1.81E-07         | 0.00E+00          | 0.00E+00                |
| Kansas                                                                                          | Greenwood    | 20073 | R                    | 6.00E-06                                                               | 6.00E-06 | 6.59E-06 | 2.12E-05 | 2.13E-05 | 3.60E-05 | 3.68E-05 | 3.68E-05 | 4.44E-09                         | 1.85E-05          | 1.38E-06         | 1.38E-06          | 0.00E+00                |
| Kansas                                                                                          | Hamilton     | 20075 | R                    | 1.69E-06                                                               | 1.69E-06 | 1.69E-06 | 1.69E-06 | 1.69E-06 | 1.69E-06 | 1.69E-06 | 1.69E-06 | 0.00E+00                         | 1.45E-06          | 2.39E-07         | 0.00E+00          | 0.00E+00                |
| Kansas                                                                                          | Harper       | 20077 | R                    | 3.31E-06                                                               | 3.31E-06 | 3.31E-06 | 1.57E-05 | 1.17E-05 | 1.62E-05 | 1.62E-05 | 1.62E-05 | 0.00E+00                         | 1.04E-05          | 1.39E-06         | 0.00E+00          | 0.00E+00                |
| Kansas                                                                                          | Harvey       | 20079 | U                    | 1.11E-04                                                               | 1.11E-04 | 3.43E-04 | 3.95E-04 | 3.61E-04 | 4.54E-04 | 4.69E-04 | 4.69E-04 | 2.48E-05                         | 2.38E-04          | 9.09E-06         | 8.93E-05          | 0.00E+00                |
| Kansas                                                                                          | Haskell      | 20081 | R                    | 1.11E-05                                                               | 1.11E-05 | 1.11E-05 | 1.11E-05 | 1.11E-05 | 1.11E-05 | 1.11E-05 | 1.11E-05 | 3.97E-06                         | 1.11E-06          | 7.78E-07         | 5.27E-06          | 0.00E+00                |
| Kansas                                                                                          | Hodgeman     | 20083 | R                    | 9.86E-06                                                               | 9.86E-06 | 9.86E-06 | 9.86E-06 | 9.86E-06 | 9.86E-06 | 9.86E-06 | 9.86E-06 | 0.00E+00                         | 1.81E-06          | 5.02E-07         | 7.55E-06          | 0.00E+00                |
| Kansas                                                                                          | Jackson      | 20085 | R                    | 2.99E-05                                                               | 2.99E-05 | 2.99E-05 | 3.96E-05 | 4.11E-05 | 5.37E-05 | 5.37E-05 | 5.37E-05 | 1.56E-06                         | 3.35E-05          | 5.50E-06         | 5.20E-07          | 0.00E+00                |
| Kansas                                                                                          | Jefferson    | 20087 | R                    | 9.39E-05                                                               | 9.39E-05 | 9.39E-05 | 1.45E-04 | 3.33E-04 | 7.59E-04 | 7.59E-04 | 7.59E-04 | 4.85E-05                         | 1.54E-04          | 5.61E-06         | 1.25E-04          | 0.00E+00                |
| Kansas                                                                                          | Jewell       | 20089 | R                    | 5.18E-06                                                               | 5.18E-06 | 5.18E-06 | 5.45E-06 | 5.45E-06 | 5.71E-06 | 5.71E-06 | 5.71E-06 | 0.00E+00                         | 4.56E-06          | 8.86E-07         | 0.00E+00          | 0.00E+00                |
| Kansas                                                                                          | Johnson      | 20091 | U                    | 1.12E-03                                                               | 1.95E-03 | 2.59E-03 | 3.21E-03 | 3.25E-03 | 3.81E-03 | 4.53E-03 | 5.14E-03 | 1.32E-05                         | 2.49E-03          | 4.10E-05         | 7.14E-04          | 0.00E+00                |
| Kansas                                                                                          | Kearny       | 20093 | R                    | 7.24E-06                                                               | 7.24E-06 | 7.24E-06 | 7.24E-06 | 7.24E-06 | 7.24E-06 | 7.24E-06 | 7.24E-06 | 1.58E-06                         | 2.26E-06          | 5.70E-07         | 2.83E-06          | 0.00E+00                |
| Kansas                                                                                          | Kingman      | 20095 | R                    | 6.33E-06                                                               | 6.33E-06 | 6.33E-06 | 7.10E-05 | 7.08E-05 | 1.35E-04 | 1.35E-04 | 1.35E-04 | 3.34E-06                         | 5.01E-05          | 2.37E-06         | 1.50E-05          | 0.00E+00                |
| Kansas                                                                                          | Kiowa        | 20097 | R                    | 4.21E-06                                                               | 4.21E-06 | 4.21E-06 | 4.21E-06 | 4.21E-06 | 4.21E-06 | 4.21E-06 | 4.21E-06 | 0.00E+00                         | 3.69E-06          | 5.11E-07         | 0.00E+00          | 0.00E+00                |
| Kansas                                                                                          | Labette      | 20099 | R                    | 4.54E-04                                                               | 4.54E-04 | 6.43E-04 | 6.95E-04 | 6.97E-04 | 7.76E-04 | 8.91E-04 | 8.91E-04 | 2.48E-04                         | 4.39E-04          | 9.26E-06         | 0.00E+00          | 0.00E+00                |
| Kansas                                                                                          | Lane         | 20101 | R                    | 2.10E-06                                                               | 2.10E-06 | 2.10E-06 | 2.10E-06 | 2.10E-06 | 2.10E-06 | 2.10E-06 | 2.10E-06 | 0.00E+00                         | 1.86E-06          | 2.35E-07         | 0.00E+00          | 0.00E+00                |
| Kansas                                                                                          | Leavenworth  | 20103 | U                    | 1.15E-03                                                               | 1.59E-03 | 2.17E-03 | 3.03E-03 | 2.68E-03 | 3.25E-03 | 3.40E-03 | 3.42E-03 | 7.87E-05                         | 1.12E-03          | 1.89E-05         | 1.46E-03          | 0.00E+00                |
| Kansas                                                                                          | Lincoln      | 20105 | R                    | 3.41E-06                                                               | 3.41E-06 | 3.41E-06 | 3.41E-06 | 3.41E-06 | 3.41E-06 | 3.41E-06 | 3.41E-06 | 0.00E+00                         | 2.77E-06          | 6.39E-07         | 0.00E+00          | 0.00E+00                |
| Kansas                                                                                          | Linn         | 20107 | R                    | 1.49E-05                                                               | 1.49E-05 | 1.49E-05 | 1.73E-05 | 1.73E-05 | 1.97E-05 | 1.97E-05 | 1.97E-05 | 3.97E-06                         | 1.08E-05          | 2.53E-06         | 0.00E+00          | 0.00E+00                |
| Kansas                                                                                          | Logan        | 20109 | R                    | 1.15E-06                                                               | 1.15E-06 | 1.15E-06 | 5.40E-06 | 5.40E-06 | 9.65E-06 | 9.65E-06 | 9.65E-06 | 0.00E+00                         | 4.99E-06          | 4.16E-07         | 0.00E+00          | 0.00E+00                |
| Kansas                                                                                          | Lyon         | 20111 | U                    | 9.10E-05                                                               | 9.10E-05 | 2.25E-04 | 1.93E-03 | 2.21E-03 | 3.33E-03 | 6.59E-03 | 6.59E-03 | 0.00E+00                         | 2.16E-03          | 1.87E-05         | 2.84E-05          | 0.00E+00                |
| Kansas                                                                                          | McPherson    | 20113 | U                    | 8.07E-05                                                               | 8.07E-05 | 1.63E-04 | 9.84E-04 | 1.05E-03 | 1.27E-03 | 3.54E-03 | 3.54E-03 | 7.59E-04                         | 2.55E-04          | 8.59E-06         | 2.87E-05          | 0.00E+00                |
| Kansas                                                                                          | Marion       | 20115 | R                    | 9.44E-06                                                               | 9.44E-06 | 1.43E-05 | 2.01E-05 | 2.18E-05 | 2.93E-05 | 3.76E-05 | 3.76E-05 | 1.82E-06                         | 1.83E-05          | 1.67E-06         | 0.00E+00          | 0.00E+00                |
| Kansas                                                                                          | Marshall     | 20117 | R                    | 1.23E-05                                                               | 1.23E-05 | 1.30E-05 | 1.41E-05 | 1.82E-05 | 2.35E-05 | 3.24E-05 | 3.24E-05 | 0.00E+00                         | 1.54E-05          | 2.85E-06         | 0.00E+00          | 0.00E+00                |
| Kansas                                                                                          | Meade        | 20119 | R                    | 2.30E-06                                                               | 2.30E-06 | 2.30E-06 | 9.91E-06 | 9.91E-06 | 1.75E-05 | 1.75E-05 | 1.75E-05 | 0.00E+00                         | 9.22E-06          | 6.84E-07         | 0.00E+00          | 0.00E+00                |
| Kansas                                                                                          | Miami        | 20121 | U                    | 5.94E-05                                                               | 5.94E-05 | 6.72E-05 | 2.11E-04 | 2.69E-04 | 4.60E-04 | 5.02E-04 | 5.02E-04 | 1.40E-05                         | 2.48E-04          | 6.82E-06         | 2.58E-08          | 0.00E+00                |
| Kansas                                                                                          | Mitchell     | 20123 | U                    | 7.28E-06                                                               | 7.28E-06 | 7.28E-06 | 7.80E-06 | 7.80E-06 | 8.33E-06 | 8.33E-06 | 8.33E-06 | 0.00E+00                         | 6.77E-06          | 1.03E-06         | 0.00E+00          | 0.00E+00                |
| Kansas                                                                                          | Montgomery   | 20125 | U                    | 3.21E-04                                                               | 3.32E-04 | 4.81E-04 | 7.29E-04 | 8.85E-04 | 1.12E-03 | 1.57E-03 | 2.64E-03 | 3.98E-05                         | 8.30E-04          | 1.57E-05         | 0.00E+00          | 0.00E+00                |
| Kansas                                                                                          | Morris       | 20127 | R                    | 4.36E-05                                                               | 4.36E-05 | 4.36E-05 | 5.61E-05 | 5.61E-05 | 6.86E-05 | 6.86E-05 | 6.86E-05 | 0.00E+00                         | 2.08E-05          | 3.03E-06         | 3.23E-05          | 0.00E+00                |
| Kansas                                                                                          | Morton       | 20129 | R                    | 8.28E-05                                                               | 8.28E-05 | 8.28E-05 | 8.28E-05 | 8.28E-05 | 8.28E-05 | 8.28E-05 | 8.28E-05 | 0.00E+00                         | 8.22E-05          | 5.99E-07         | 0.00E+00          | 0.00E+00                |
| Kansas                                                                                          | Nemaha       | 20131 | R                    | 1.65E-05                                                               | 1.65E-05 | 1.65E-05 | 1.72E-05 | 1.89E-05 | 2.28E-05 | 2.28E-05 | 2.28E-05 | 5.57E-07                         | 1.55E-05          | 2.83E-06         | 0.00E+00          | 0.00E+00                |
| Kansas                                                                                          | Neosho       | 20133 | U                    | 2.70E-04                                                               | 2.70E-04 | 3.11E-04 | 4.26E-04 | 4.49E-04 | 4.29E-04 | 8.10E-04 | 8.10E-04 | 3.77E-04                         | 6.46E-05          | 7.91E-06         | 0.00E+00          | 0.00E+00                |
| Kansas                                                                                          | Ness         | 20135 | R                    | 2.13E-06                                                               | 2.13E-06 | 2.13E-06 | 2.22E-06 | 2.22E-06 | 2.30E-06 | 2.30E-06 | 2.30E-06 | 0.00E+00                         | 1.78E-06          | 4.42E-07         | 0.00E+00          | 0.00E+00                |
| Kansas                                                                                          | Norton       | 20137 | R                    | 7.84E-06                                                               | 7.84E-06 | 7.84E-06 | 9.81E-06 | 9.81E-06 | 1.18E-05 | 1.18E-05 | 1.18E-05 | 0.00E+00                         | 8.97E-06          | 8.41E-07         | 0.00E+00          | 0.00E+00                |
| Kansas                                                                                          | Osage        | 20139 | R                    | 3.86E-05                                                               | 3.86E-05 | 4.76E-05 | 5.12E-05 | 6.85E-05 | 6.44E-05 | 1.41E-04 | 1.41E-04 | 1.10E-06                         | 5.93E-05          | 5.30E-06         | 2.74E-06          | 0.00E+00                |
| Kansas                                                                                          | Osborne      | 20141 | R                    | 3.46E-06                                                               | 3.46E-06 | 3.46E-06 | 5.73E-06 | 5.73E-06 | 7.99E-06 | 7.99E-06 | 7.99E-06 | 0.00E+00                         | 5.10E-06          | 6.29E-07         | 0.00E+00          | 0.00E+00                |
| Kansas                                                                                          | Ottawa       | 20143 | R                    | 2.89E-04                                                               | 2.89E-04 | 2.89E-04 | 4.86E-04 | 4.86E-04 | 6.84E-04 | 6.84E-04 | 6.84E-04 | 0.00E+00                         | 4.33E-04          | 2.81E-06         | 5.11E-05          | 0.00E+00                |
| Kansas                                                                                          | Pawnee       | 20145 | U                    | 1.17E-05                                                               | 1.17E-05 | 1.17E-05 | 3.78E-05 | 3.00E-05 | 4.07E-05 | 4.07E-05 | 4.07E-05 | 0.00E+00                         | 2.03E-05          | 2.13E-06         | 7.56E-06          | 0.00E+00                |
| Kansas                                                                                          | Phillips     | 20147 | R                    | 2.60E-06                                                               | 2.60E-06 | 2.60E-06 | 2.90E-06 | 4.88E-06 | 9.13E-06 | 9.13E-06 | 9.13E-06 | 0.00E+00                         | 3.75E-06          | 1.13E-06         | 0.00E+00          | 0.00E+00                |
| Kansas                                                                                          | Pottawatomie | 20149 | R                    | 3.04E-05                                                               | 3.04E-05 | 3.72E-05 | 4.83E-05 | 4.69E-05 | 5.65E-05 | 6.04E-05 | 6.04E-05 | 1.66E-06                         | 2.25E-05          | 5.39E-06         | 1.73E-05          | 0.00E+00                |
| Kansas                                                                                          | Pratt        | 20151 | U                    | 4.59E-05                                                               | 4.59E-05 | 4.59E-05 | 4.60E-05 | 4.60E-05 | 4.60E-05 | 4.60E-05 | 4.60E-05 | 0.00E+00                         | 3.99E-05          | 6.13E-06         | 0.00E+00          | 0.00E+00                |
| Kansas                                                                                          | Rawlins      | 20153 | R                    | 2.93E-06                                                               | 2.93E-06 | 2.93E-06 | 2.94E-06 | 2.94E-06 | 2.95E-06 | 2.95E-06 | 2.95E-06 | 0.00E+00                         | 2.24E-06          | 7.04E-07         | 0.00E+00          | 0.00E+00                |
| Kansas                                                                                          | Reno         | 20155 | U                    | 2.97E-05                                                               | 8.97E-05 | 1.57E-04 | 2.45E-04 | 2.76E-04 | 2.90E-04 | 3.53E-04 | 1.29E-03 | 1.50E-04                         | 1.08E-04          | 1.53E-05         | 3.15E-06          | 0.00E+00                |
| Kansas                                                                                          | Republic     | 20157 | R                    | 6.74E-06                                                               | 6.74E-06 | 6.74E-06 | 3.00E-05 | 3.95E-05 | 8.17E-05 | 8.17E-05 | 8.17E-05 | 0.00E+00                         | 3.78E-05          | 1.63E-06         | 0.00E+00          | 0.00E+00                |
| Kansas                                                                                          | Rice         | 20159 | R                    | 3.56E-05                                                               | 3.56E-05 | 3.56E-05 | 5.48E-05 | 4.90E-05 | 5.66E-05 | 5.66E-05 | 5.66E-05 | 3.34E-05                         | 1.23E-05          | 3.35E-06         | 0.00E+00          | 0.00E+00                |
| Kansas                                                                                          | Riley        | 20161 | U                    | 8.64E-05                                                               | 1.75E-04 | 2.93E-04 | 4.40E-04 | 4.27E-04 | 5.70E-04 | 6.76E-04 | 7.48E-04 | 1.01E-06                         | 1.60E-04          | 4.29E-05         | 2.23E-04          | 0.00E+00                |
| Kansas                                                                                          | Rooks        | 20163 | R                    | 2.64E-06                                                               | 2.64E-06 | 2.64E-06 | 3.36E-05 | 3.36E-05 | 6.45E-05 | 6.45E-05 | 6.45E-05 | 0.00E+00                         | 2.84E-05          | 7.73E-07         | 4.44E-06          | 0.00E+00                |
| Kansas                                                                                          | Rush         | 20165 | R                    | 5.33E-05                                                               | 5.33E-05 | 5.33E-05 | 6.69E-05 | 6.69E-05 | 8.05E-05 | 8.05E-05 | 8.05E-05 | 0.00E+00                         | 4.98E-05          | 1.03E-06         | 1.60E-05          | 0.00E+00                |
| Kansas                                                                                          | Russell      | 20167 | U                    | 5.16E-06                                                               | 5.16E-06 | 5.16E-06 | 1.78E-05 | 1.54E-05 | 2.34E-05 | 2.34E-05 | 2.34E-05 | 0.00E+00                         | 1.23E-05          | 1.23E-06         | 1.90E-06          | 0.00E+00                |

| Estimated Annual Average Ambient Concentrations (µg/m <sup>3</sup> ) for Lead Compounds |                    |       |                      |                                                                        |          |          |          |          |          |          |          |                                  |                   |                  |                   |                         |
|-----------------------------------------------------------------------------------------|--------------------|-------|----------------------|------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------------------------------|-------------------|------------------|-------------------|-------------------------|
| State                                                                                   | County             | FIPS  | Urban<br>or<br>Rural | Percentile Distribution of Ambient Concentrations Across Census Tracts |          |          |          |          |          |          |          | Contribution to Average from ... |                   |                  |                   |                         |
|                                                                                         |                    |       |                      | 5th                                                                    | 10th     | 25th     | Median   | Average  | 75th     | 90th     | 95th     | Major                            | Area and<br>Other | Onroad<br>Mobile | Nonroad<br>Mobile | Estimated<br>Background |
| Kansas                                                                                  | Saline             | 20169 | U                    | 1.62E-03                                                               | 3.44E-03 | 7.26E-03 | 1.39E-02 | 1.35E-02 | 1.88E-02 | 2.24E-02 | 2.74E-02 | 1.18E-05                         | 1.29E-02          | 2.70E-05         | 4.89E-04          | 0.00E+00                |
| Kansas                                                                                  | Scott              | 20171 | U                    | 4.06E-06                                                               | 4.06E-06 | 4.06E-06 | 4.06E-06 | 4.06E-06 | 4.06E-06 | 4.06E-06 | 4.06E-06 | 0.00E+00                         | 3.60E-06          | 4.58E-07         | 0.00E+00          | 0.00E+00                |
| Kansas                                                                                  | Sedgwick           | 20173 | U                    | 5.25E-04                                                               | 6.79E-04 | 7.71E-04 | 9.91E-04 | 1.21E-03 | 1.28E-03 | 1.85E-03 | 2.47E-03 | 1.63E-04                         | 6.84E-04          | 1.94E-05         | 3.46E-04          | 0.00E+00                |
| Kansas                                                                                  | Seward             | 20175 | U                    | 2.07E-05                                                               | 2.07E-05 | 3.22E-04 | 3.38E-04 | 5.20E-04 | 3.46E-04 | 1.57E-03 | 1.57E-03 | 0.00E+00                         | 1.06E-04          | 1.27E-05         | 4.01E-04          | 0.00E+00                |
| Kansas                                                                                  | Shawnee            | 20177 | U                    | 2.10E-04                                                               | 2.78E-04 | 4.15E-04 | 4.97E-04 | 5.77E-04 | 6.41E-04 | 9.66E-04 | 1.05E-03 | 8.60E-06                         | 5.25E-04          | 2.70E-05         | 1.68E-05          | 0.00E+00                |
| Kansas                                                                                  | Sheridan           | 20179 | R                    | 1.83E-06                                                               | 1.83E-06 | 1.83E-06 | 2.59E-06 | 2.59E-06 | 3.34E-06 | 3.34E-06 | 3.34E-06 | 0.00E+00                         | 1.89E-06          | 6.99E-07         | 0.00E+00          | 0.00E+00                |
| Kansas                                                                                  | Sherman            | 20181 | U                    | 2.09E-05                                                               | 2.09E-05 | 2.09E-05 | 1.89E-04 | 1.89E-04 | 3.57E-04 | 3.57E-04 | 3.57E-04 | 0.00E+00                         | 9.74E-06          | 1.34E-06         | 1.78E-04          | 0.00E+00                |
| Kansas                                                                                  | Smith              | 20183 | R                    | 4.63E-06                                                               | 4.63E-06 | 4.63E-06 | 5.47E-06 | 1.26E-05 | 2.76E-05 | 2.76E-05 | 2.76E-05 | 0.00E+00                         | 1.17E-05          | 9.16E-07         | 0.00E+00          | 0.00E+00                |
| Kansas                                                                                  | Stafford           | 20185 | R                    | 1.33E-05                                                               | 1.33E-05 | 1.33E-05 | 1.51E-05 | 1.51E-05 | 1.69E-05 | 1.69E-05 | 1.69E-05 | 0.00E+00                         | 6.47E-06          | 1.34E-06         | 7.32E-06          | 0.00E+00                |
| Kansas                                                                                  | Stanton            | 20187 | R                    | 2.14E-06                                                               | 2.14E-06 | 2.14E-06 | 2.14E-06 | 2.14E-06 | 2.14E-06 | 2.14E-06 | 2.14E-06 | 0.00E+00                         | 1.82E-06          | 3.26E-07         | 0.00E+00          | 0.00E+00                |
| Kansas                                                                                  | Stevens            | 20189 | U                    | 7.86E-06                                                               | 7.86E-06 | 7.86E-06 | 1.24E-05 | 1.24E-05 | 1.69E-05 | 1.69E-05 | 1.69E-05 | 0.00E+00                         | 6.24E-06          | 1.25E-06         | 4.90E-06          | 0.00E+00                |
| Kansas                                                                                  | Sumner             | 20191 | R                    | 7.92E-06                                                               | 7.92E-06 | 4.14E-05 | 1.42E-04 | 1.18E-04 | 1.67E-04 | 2.05E-04 | 2.05E-04 | 9.35E-06                         | 6.03E-05          | 4.18E-06         | 4.38E-05          | 0.00E+00                |
| Kansas                                                                                  | Thomas             | 20193 | U                    | 4.24E-06                                                               | 4.24E-06 | 4.24E-06 | 1.70E-05 | 1.35E-05 | 1.92E-05 | 1.92E-05 | 1.92E-05 | 0.00E+00                         | 7.94E-06          | 1.05E-06         | 4.46E-06          | 0.00E+00                |
| Kansas                                                                                  | Trego              | 20195 | R                    | 2.79E-05                                                               | 2.79E-05 | 2.79E-05 | 3.43E-05 | 3.43E-05 | 4.07E-05 | 4.07E-05 | 4.07E-05 | 0.00E+00                         | 3.35E-05          | 8.21E-07         | 0.00E+00          | 0.00E+00                |
| Kansas                                                                                  | Wabaunsee          | 20197 | R                    | 5.44E-05                                                               | 5.44E-05 | 5.44E-05 | 6.31E-05 | 6.31E-05 | 7.17E-05 | 7.17E-05 | 7.17E-05 | 2.04E-06                         | 3.50E-05          | 3.81E-06         | 2.22E-05          | 0.00E+00                |
| Kansas                                                                                  | Wallace            | 20199 | R                    | 4.93E-07                                                               | 4.93E-07 | 4.93E-07 | 4.93E-07 | 4.93E-07 | 4.93E-07 | 4.93E-07 | 4.93E-07 | 0.00E+00                         | 2.80E-07          | 2.13E-07         | 0.00E+00          | 0.00E+00                |
| Kansas                                                                                  | Washington         | 20201 | R                    | 6.07E-06                                                               | 6.07E-06 | 6.07E-06 | 9.09E-05 | 9.09E-05 | 1.76E-04 | 1.76E-04 | 1.76E-04 | 0.00E+00                         | 8.98E-05          | 1.09E-06         | 0.00E+00          | 0.00E+00                |
| Kansas                                                                                  | Wichita            | 20203 | R                    | 2.13E-06                                                               | 2.13E-06 | 2.13E-06 | 2.13E-06 | 2.13E-06 | 2.13E-06 | 2.13E-06 | 2.13E-06 | 0.00E+00                         | 1.84E-06          | 2.89E-07         | 0.00E+00          | 0.00E+00                |
| Kansas                                                                                  | Wilson             | 20205 | U                    | 1.23E-04                                                               | 1.23E-04 | 1.24E-04 | 1.33E-04 | 1.78E-04 | 2.33E-04 | 3.26E-04 | 3.26E-04 | 8.82E-05                         | 8.56E-05          | 4.63E-06         | 0.00E+00          | 0.00E+00                |
| Kansas                                                                                  | Woodson            | 20207 | R                    | 1.71E-04                                                               | 1.71E-04 | 1.71E-04 | 1.72E-04 | 1.72E-04 | 1.73E-04 | 1.73E-04 | 1.73E-04 | 1.35E-04                         | 3.41E-05          | 2.46E-06         | 0.00E+00          | 0.00E+00                |
| Kansas                                                                                  | Wyandotte          | 20209 | U                    | 2.74E-03                                                               | 3.58E-03 | 4.96E-03 | 7.23E-03 | 8.71E-03 | 1.12E-02 | 1.47E-02 | 1.56E-02 | 4.08E-05                         | 7.03E-03          | 4.22E-05         | 1.59E-03          | 0.00E+00                |
| Kentucky                                                                                | Statewide          | N/A   | N/A                  | 2.72E-05                                                               | 3.78E-05 | 8.66E-05 | 7.27E-04 | 3.43E-03 | 4.81E-03 | 8.85E-03 | 1.23E-02 | 7.31E-05                         | 1.64E-03          | 3.25E-05         | 1.69E-03          | 0.00E+00                |
| Kentucky                                                                                | All Urban Counties | N/A   | U                    | 1.87E-04                                                               | 4.01E-04 | 1.37E-03 | 4.53E-03 | 6.33E-03 | 7.78E-03 | 1.22E-02 | 1.77E-02 | 1.06E-04                         | 2.85E-03          | 5.12E-05         | 3.32E-03          | 0.00E+00                |
| Kentucky                                                                                | All Rural Counties | N/A   | R                    | 2.17E-05                                                               | 2.72E-05 | 4.29E-05 | 9.12E-05 | 4.98E-04 | 3.15E-04 | 1.20E-03 | 1.75E-03 | 4.02E-05                         | 4.06E-04          | 1.36E-05         | 3.79E-05          | 0.00E+00                |
| Kentucky                                                                                | Adair              | 21001 | R                    | 2.50E-05                                                               | 2.50E-05 | 2.59E-05 | 3.83E-05 | 4.65E-05 | 6.61E-05 | 8.54E-05 | 8.54E-05 | 1.44E-05                         | 2.54E-05          | 6.76E-06         | 0.00E+00          | 0.00E+00                |
| Kentucky                                                                                | Allen              | 21003 | R                    | 5.73E-05                                                               | 5.73E-05 | 6.10E-05 | 1.04E-04 | 9.11E-05 | 1.08E-04 | 1.12E-04 | 1.12E-04 | 2.18E-05                         | 5.74E-05          | 1.19E-05         | 3.11E-08          | 0.00E+00                |
| Kentucky                                                                                | Anderson           | 21005 | R                    | 1.48E-03                                                               | 1.48E-03 | 1.86E-03 | 3.03E-03 | 2.97E-03 | 4.07E-03 | 4.33E-03 | 4.33E-03 | 1.67E-05                         | 2.76E-03          | 1.55E-05         | 1.73E-04          | 0.00E+00                |
| Kentucky                                                                                | Ballard            | 21007 | R                    | 3.66E-04                                                               | 3.66E-04 | 3.66E-04 | 3.89E-04 | 5.04E-04 | 7.58E-04 | 7.58E-04 | 7.58E-04 | 2.56E-04                         | 1.77E-04          | 7.48E-06         | 6.44E-05          | 0.00E+00                |
| Kentucky                                                                                | Barren             | 21009 | R                    | 4.02E-05                                                               | 4.06E-05 | 5.19E-05 | 6.89E-05 | 8.33E-05 | 7.45E-05 | 1.76E-04 | 1.79E-04 | 9.59E-06                         | 5.79E-05          | 1.58E-05         | 2.22E-08          | 0.00E+00                |
| Kentucky                                                                                | Bath               | 21011 | R                    | 1.76E-05                                                               | 1.76E-05 | 1.76E-05 | 2.40E-05 | 3.82E-05 | 7.29E-05 | 7.29E-05 | 7.29E-05 | 5.10E-06                         | 2.66E-05          | 6.51E-06         | 0.00E+00          | 0.00E+00                |
| Kentucky                                                                                | Bell               | 21013 | R                    | 4.00E-05                                                               | 4.14E-05 | 4.79E-05 | 4.84E-05 | 7.37E-05 | 6.85E-05 | 1.70E-04 | 2.56E-04 | 1.99E-07                         | 5.74E-05          | 1.61E-05         | 0.00E+00          | 0.00E+00                |
| Kentucky                                                                                | Boone              | 21015 | U                    | 1.37E-03                                                               | 1.91E-03 | 3.61E-03 | 7.14E-03 | 1.32E-02 | 1.04E-02 | 1.51E-02 | 7.82E-02 | 1.76E-04                         | 7.96E-04          | 3.39E-05         | 1.22E-02          | 0.00E+00                |
| Kentucky                                                                                | Bourbon            | 21017 | U                    | 1.93E-04                                                               | 1.93E-04 | 2.17E-04 | 1.26E-03 | 9.77E-04 | 1.38E-03 | 1.55E-03 | 1.55E-03 | 1.83E-05                         | 8.30E-04          | 1.12E-05         | 1.17E-04          | 0.00E+00                |
| Kentucky                                                                                | Boyd               | 21019 | U                    | 3.49E-04                                                               | 4.31E-04 | 5.12E-04 | 5.84E-04 | 6.23E-04 | 6.49E-04 | 9.31E-04 | 1.14E-03 | 2.49E-05                         | 5.36E-04          | 1.99E-05         | 4.22E-05          | 0.00E+00                |
| Kentucky                                                                                | Boyle              | 21021 | U                    | 3.00E-04                                                               | 3.00E-04 | 4.08E-04 | 2.40E-03 | 3.95E-03 | 5.59E-03 | 1.45E-02 | 1.45E-02 | 7.10E-05                         | 3.79E-03          | 2.78E-05         | 6.28E-05          | 0.00E+00                |
| Kentucky                                                                                | Bracken            | 21023 | R                    | 6.78E-05                                                               | 6.78E-05 | 6.78E-05 | 8.33E-05 | 9.22E-05 | 1.25E-04 | 1.25E-04 | 1.25E-04 | 1.16E-05                         | 7.01E-05          | 1.04E-05         | 7.50E-08          | 0.00E+00                |
| Kentucky                                                                                | Breathitt          | 21025 | R                    | 1.65E-05                                                               | 1.65E-05 | 1.66E-05 | 1.93E-05 | 2.49E-05 | 3.09E-05 | 5.26E-05 | 5.26E-05 | 0.00E+00                         | 1.88E-05          | 6.09E-06         | 0.00E+00          | 0.00E+00                |
| Kentucky                                                                                | Breckinridge       | 21027 | R                    | 1.28E-04                                                               | 1.28E-04 | 1.46E-04 | 1.70E-04 | 1.82E-04 | 2.01E-04 | 2.66E-04 | 2.66E-04 | 1.55E-04                         | 2.09E-05          | 6.24E-06         | 3.38E-08          | 0.00E+00                |
| Kentucky                                                                                | Bullitt            | 21029 | U                    | 1.07E-03                                                               | 1.08E-03 | 1.58E-03 | 1.99E-03 | 1.90E-03 | 2.21E-03 | 2.32E-03 | 2.74E-03 | 6.88E-05                         | 5.30E-04          | 3.08E-05         | 1.27E-03          | 0.00E+00                |
| Kentucky                                                                                | Butler             | 21031 | R                    | 3.49E-05                                                               | 3.49E-05 | 4.42E-05 | 5.11E-05 | 5.37E-05 | 5.47E-05 | 8.34E-05 | 8.34E-05 | 2.51E-05                         | 2.20E-05          | 6.53E-06         | 3.91E-08          | 0.00E+00                |
| Kentucky                                                                                | Caldwell           | 21033 | U                    | 4.50E-04                                                               | 4.50E-04 | 4.50E-04 | 5.99E-04 | 5.65E-04 | 6.46E-04 | 6.46E-04 | 6.46E-04 | 5.86E-06                         | 5.52E-04          | 7.61E-06         | 0.00E+00          | 0.00E+00                |
| Kentucky                                                                                | Calloway           | 21035 | R                    | 3.43E-04                                                               | 3.43E-04 | 6.48E-04 | 1.14E-03 | 9.67E-04 | 1.23E-03 | 1.37E-03 | 1.37E-03 | 3.14E-06                         | 9.40E-04          | 2.40E-05         | 0.00E+00          | 0.00E+00                |
| Kentucky                                                                                | Campbell           | 21037 | U                    | 2.65E-03                                                               | 3.19E-03 | 4.38E-03 | 6.04E-03 | 9.16E-03 | 9.27E-03 | 1.74E-02 | 1.77E-02 | 6.50E-05                         | 6.63E-03          | 7.10E-05         | 2.40E-03          | 0.00E+00                |
| Kentucky                                                                                | Carlisle           | 21039 | R                    | 2.45E-04                                                               | 2.45E-04 | 2.45E-04 | 2.96E-04 | 3.63E-04 | 5.47E-04 | 5.47E-04 | 5.47E-04 | 1.01E-04                         | 1.99E-04          | 6.62E-06         | 5.53E-05          | 0.00E+00                |
| Kentucky                                                                                | Carroll            | 21041 | R                    | 4.23E-03                                                               | 4.23E-03 | 4.23E-03 | 4.91E-03 | 5.02E-03 | 5.91E-03 | 5.91E-03 | 5.91E-03 | 5.12E-05                         | 4.96E-03          | 1.01E-05         | 9.39E-11          | 0.00E+00                |
| Kentucky                                                                                | Carter             | 21043 | U                    | 4.11E-05                                                               | 4.11E-05 | 4.89E-05 | 5.72E-05 | 8.28E-05 | 1.34E-04 | 1.46E-04 | 1.46E-04 | 1.57E-05                         | 5.50E-05          | 5.21E-06         | 6.94E-06          | 0.00E+00                |
| Kentucky                                                                                | Casey              | 21045 | R                    | 4.57E-05                                                               | 4.57E-05 | 9.84E-05 | 1.03E-04 | 1.06E-04 | 1.04E-04 | 1.79E-04 | 1.79E-04 | 4.60E-05                         | 5.25E-05          | 7.39E-06         | 0.00E+00          | 0.00E+00                |
| Kentucky                                                                                | Christian          | 21047 | U                    | 6.67E-05                                                               | 7.87E-05 | 9.39E-05 | 3.33E-04 | 4.10E-04 | 8.12E-04 | 9.67E-04 | 1.09E-03 | 5.98E-06                         | 3.93E-04          | 1.09E-05         | 0.00E+00          | 0.00E+00                |
| Kentucky                                                                                | Clark              | 21049 | U                    | 2.31E-04                                                               | 2.31E-04 | 3.40E-04 | 1.61E-03 | 1.34E-03 | 1.90E-03 | 2.08E-03 | 2.08E-03 | 2.48E-05                         | 1.07E-03          | 1.86E-05         | 2.30E-04          | 0.00E+00                |
| Kentucky                                                                                | Clay               | 21051 | R                    | 2.50E-05                                                               | 2.50E-05 | 2.53E-05 | 2.94E-05 | 3.43E-05 | 3.34E-05 | 6.35E-05 | 6.35E-05 | 3.60E-07                         | 2.51E-05          | 8.83E-06         | 0.00E+00          | 0.00E+00                |

| Estimated Annual Average Ambient Concentrations ( $\mu\text{g}/\text{m}^3$ ) for Lead Compounds |            |       |                      |                                                                        |          |          |          |          |          |          |          |                                  |                   |                  |                   |                         |
|-------------------------------------------------------------------------------------------------|------------|-------|----------------------|------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------------------------------|-------------------|------------------|-------------------|-------------------------|
| State                                                                                           | County     | FIPS  | Urban<br>or<br>Rural | Percentile Distribution of Ambient Concentrations Across Census Tracts |          |          |          |          |          |          |          | Contribution to Average from ... |                   |                  |                   |                         |
|                                                                                                 |            |       |                      | 5th                                                                    | 10th     | 25th     | Median   | Average  | 75th     | 90th     | 95th     | Major                            | Area and<br>Other | Onroad<br>Mobile | Nonroad<br>Mobile | Estimated<br>Background |
| Kentucky                                                                                        | Clinton    | 21053 | R                    | 2.75E-05                                                               | 2.75E-05 | 2.75E-05 | 3.10E-05 | 3.10E-05 | 3.44E-05 | 3.44E-05 | 3.44E-05 | 1.04E-06                         | 2.20E-05          | 7.97E-06         | 0.00E+00          | 0.00E+00                |
| Kentucky                                                                                        | Crittenden | 21055 | R                    | 5.93E-05                                                               | 5.93E-05 | 1.10E-04 | 2.74E-04 | 3.64E-04 | 6.17E-04 | 8.49E-04 | 8.49E-04 | 7.02E-06                         | 3.51E-04          | 5.85E-06         | 0.00E+00          | 0.00E+00                |
| Kentucky                                                                                        | Cumberland | 21057 | R                    | 2.23E-05                                                               | 2.23E-05 | 2.23E-05 | 2.37E-05 | 2.37E-05 | 2.51E-05 | 2.51E-05 | 2.51E-05 | 4.41E-07                         | 1.79E-05          | 5.40E-06         | 0.00E+00          | 0.00E+00                |
| Kentucky                                                                                        | Daviess    | 21059 | U                    | 3.87E-04                                                               | 5.11E-04 | 6.40E-04 | 8.86E-04 | 8.89E-04 | 1.11E-03 | 1.20E-03 | 1.27E-03 | 4.05E-04                         | 3.04E-04          | 1.65E-05         | 1.63E-04          | 0.00E+00                |
| Kentucky                                                                                        | Edmonson   | 21061 | R                    | 4.02E-05                                                               | 4.02E-05 | 4.85E-05 | 5.81E-05 | 5.62E-05 | 6.39E-05 | 6.85E-05 | 6.85E-05 | 2.80E-05                         | 1.95E-05          | 8.67E-06         | 6.59E-08          | 0.00E+00                |
| Kentucky                                                                                        | Elliott    | 21063 | R                    | 2.40E-05                                                               | 2.40E-05 | 2.40E-05 | 2.44E-05 | 2.44E-05 | 2.48E-05 | 2.48E-05 | 2.48E-05 | 8.11E-06                         | 1.07E-05          | 5.59E-06         | 0.00E+00          | 0.00E+00                |
| Kentucky                                                                                        | Estill     | 21065 | R                    | 3.82E-05                                                               | 3.82E-05 | 4.83E-05 | 6.17E-05 | 5.76E-05 | 6.70E-05 | 6.90E-05 | 6.90E-05 | 3.36E-06                         | 4.24E-05          | 1.19E-05         | 0.00E+00          | 0.00E+00                |
| Kentucky                                                                                        | Fayette    | 21067 | U                    | 3.17E-03                                                               | 3.94E-03 | 4.24E-03 | 5.27E-03 | 5.94E-03 | 6.97E-03 | 8.40E-03 | 1.03E-02 | 1.95E-05                         | 4.41E-03          | 4.33E-05         | 1.46E-03          | 0.00E+00                |
| Kentucky                                                                                        | Fleming    | 21069 | R                    | 4.32E-05                                                               | 4.32E-05 | 7.00E-05 | 9.86E-05 | 8.90E-05 | 1.08E-04 | 1.15E-04 | 1.15E-04 | 1.19E-05                         | 6.82E-05          | 8.86E-06         | 0.00E+00          | 0.00E+00                |
| Kentucky                                                                                        | Floyd      | 21071 | R                    | 4.35E-05                                                               | 4.37E-05 | 4.79E-05 | 5.52E-05 | 6.12E-05 | 5.82E-05 | 1.00E-04 | 1.00E-04 | 0.00E+00                         | 4.55E-05          | 1.57E-05         | 0.00E+00          | 0.00E+00                |
| Kentucky                                                                                        | Franklin   | 21073 | U                    | 1.03E-03                                                               | 1.40E-03 | 1.43E-03 | 1.62E-03 | 1.71E-03 | 1.94E-03 | 2.02E-03 | 2.77E-03 | 5.41E-06                         | 1.51E-03          | 3.93E-05         | 1.56E-04          | 0.00E+00                |
| Kentucky                                                                                        | Fulton     | 21075 | U                    | 3.39E-05                                                               | 3.39E-05 | 3.39E-05 | 4.31E-05 | 4.90E-05 | 7.00E-05 | 7.00E-05 | 7.00E-05 | 4.28E-06                         | 3.48E-05          | 9.91E-06         | 0.00E+00          | 0.00E+00                |
| Kentucky                                                                                        | Gallatin   | 21077 | U                    | 8.34E-04                                                               | 8.34E-04 | 8.34E-04 | 8.34E-04 | 8.34E-04 | 8.34E-04 | 8.34E-04 | 8.34E-04 | 2.61E-05                         | 3.85E-04          | 1.00E-05         | 4.13E-04          | 0.00E+00                |
| Kentucky                                                                                        | Garrard    | 21079 | R                    | 1.21E-04                                                               | 1.21E-04 | 2.56E-04 | 5.94E-04 | 6.65E-04 | 1.07E-03 | 1.35E-03 | 1.35E-03 | 8.00E-06                         | 4.97E-04          | 1.32E-05         | 1.47E-04          | 0.00E+00                |
| Kentucky                                                                                        | Grant      | 21081 | U                    | 2.85E-04                                                               | 2.85E-04 | 6.72E-04 | 1.29E-03 | 1.20E-03 | 1.72E-03 | 1.92E-03 | 1.92E-03 | 3.33E-05                         | 3.33E-04          | 1.48E-05         | 8.16E-04          | 0.00E+00                |
| Kentucky                                                                                        | Graves     | 21083 | R                    | 1.95E-04                                                               | 1.95E-04 | 5.60E-04 | 7.33E-04 | 6.62E-04 | 7.86E-04 | 1.08E-03 | 1.08E-03 | 2.48E-05                         | 5.91E-04          | 1.48E-05         | 3.12E-05          | 0.00E+00                |
| Kentucky                                                                                        | Grayson    | 21085 | R                    | 3.05E-05                                                               | 3.05E-05 | 3.54E-05 | 7.51E-05 | 6.95E-05 | 8.94E-05 | 1.22E-04 | 1.22E-04 | 2.72E-05                         | 3.29E-05          | 9.41E-06         | 8.57E-09          | 0.00E+00                |
| Kentucky                                                                                        | Green      | 21087 | R                    | 2.13E-05                                                               | 2.13E-05 | 3.67E-05 | 5.69E-05 | 5.49E-05 | 7.31E-05 | 8.45E-05 | 8.45E-05 | 2.54E-05                         | 2.27E-05          | 6.77E-06         | 0.00E+00          | 0.00E+00                |
| Kentucky                                                                                        | Greenup    | 21089 | U                    | 1.87E-04                                                               | 1.87E-04 | 2.23E-04 | 2.65E-04 | 2.65E-04 | 3.32E-04 | 3.44E-04 | 3.44E-04 | 6.37E-05                         | 1.80E-04          | 1.16E-05         | 9.60E-06          | 0.00E+00                |
| Kentucky                                                                                        | Hancock    | 21091 | R                    | 2.63E-04                                                               | 2.63E-04 | 2.63E-04 | 4.33E-04 | 5.30E-04 | 8.94E-04 | 8.94E-04 | 8.94E-04 | 4.71E-04                         | 4.09E-05          | 1.01E-05         | 8.01E-06          | 0.00E+00                |
| Kentucky                                                                                        | Hardin     | 21093 | R                    | 9.87E-05                                                               | 9.98E-05 | 2.24E-04 | 4.78E-04 | 5.36E-04 | 8.92E-04 | 1.01E-03 | 1.28E-03 | 2.17E-05                         | 2.47E-04          | 3.34E-05         | 2.34E-04          | 0.00E+00                |
| Kentucky                                                                                        | Harlan     | 21095 | R                    | 2.86E-05                                                               | 2.86E-05 | 3.09E-05 | 3.99E-05 | 6.95E-05 | 9.00E-05 | 1.63E-04 | 2.02E-04 | 1.74E-07                         | 5.58E-05          | 1.35E-05         | 0.00E+00          | 0.00E+00                |
| Kentucky                                                                                        | Harrison   | 21097 | R                    | 1.16E-04                                                               | 1.16E-04 | 1.50E-04 | 1.57E-04 | 3.37E-04 | 2.76E-04 | 9.87E-04 | 9.87E-04 | 9.95E-06                         | 2.59E-04          | 1.19E-05         | 5.63E-05          | 0.00E+00                |
| Kentucky                                                                                        | Hart       | 21099 | R                    | 2.28E-05                                                               | 2.28E-05 | 2.52E-05 | 3.08E-05 | 3.09E-05 | 3.28E-05 | 4.29E-05 | 4.29E-05 | 0.00E+00                         | 2.28E-05          | 8.12E-06         | 0.00E+00          | 0.00E+00                |
| Kentucky                                                                                        | Henderson  | 21101 | U                    | 1.83E-04                                                               | 2.54E-04 | 2.87E-04 | 5.55E-04 | 6.45E-04 | 1.06E-03 | 1.12E-03 | 1.22E-03 | 7.65E-05                         | 5.18E-04          | 1.66E-05         | 3.40E-05          | 0.00E+00                |
| Kentucky                                                                                        | Henry      | 21103 | R                    | 4.99E-04                                                               | 4.99E-04 | 5.22E-04 | 5.87E-04 | 5.80E-04 | 6.39E-04 | 6.48E-04 | 6.48E-04 | 4.80E-05                         | 5.22E-04          | 1.02E-05         | 2.29E-07          | 0.00E+00                |
| Kentucky                                                                                        | Hickman    | 21105 | R                    | 1.16E-04                                                               | 1.16E-04 | 1.16E-04 | 1.20E-04 | 1.20E-04 | 1.24E-04 | 1.24E-04 | 1.24E-04 | 5.83E-05                         | 2.95E-05          | 5.94E-06         | 2.65E-05          | 0.00E+00                |
| Kentucky                                                                                        | Hopkins    | 21107 | R                    | 9.78E-05                                                               | 1.16E-04 | 1.72E-04 | 2.11E-04 | 2.31E-04 | 2.43E-04 | 4.00E-04 | 4.64E-04 | 9.05E-05                         | 1.23E-04          | 1.73E-05         | 3.62E-07          | 0.00E+00                |
| Kentucky                                                                                        | Jackson    | 21109 | R                    | 2.92E-05                                                               | 2.92E-05 | 2.92E-05 | 3.05E-05 | 3.15E-05 | 3.48E-05 | 3.48E-05 | 3.48E-05 | 5.39E-07                         | 2.32E-05          | 7.78E-06         | 0.00E+00          | 0.00E+00                |
| Kentucky                                                                                        | Jefferson  | 21111 | U                    | 3.20E-03                                                               | 3.59E-03 | 5.10E-03 | 7.19E-03 | 1.01E-02 | 1.11E-02 | 1.95E-02 | 2.73E-02 | 1.21E-04                         | 3.67E-03          | 7.79E-05         | 6.22E-03          | 0.00E+00                |
| Kentucky                                                                                        | Jessamine  | 21113 | U                    | 1.19E-03                                                               | 1.19E-03 | 2.12E-03 | 2.25E-03 | 2.53E-03 | 2.65E-03 | 4.98E-03 | 4.98E-03 | 1.81E-05                         | 1.89E-03          | 2.11E-05         | 5.92E-04          | 0.00E+00                |
| Kentucky                                                                                        | Johnson    | 21115 | R                    | 3.04E-05                                                               | 3.04E-05 | 3.29E-05 | 4.75E-05 | 4.57E-05 | 5.10E-05 | 6.47E-05 | 6.47E-05 | 3.31E-06                         | 2.97E-05          | 1.27E-05         | 0.00E+00          | 0.00E+00                |
| Kentucky                                                                                        | Kenton     | 21117 | U                    | 2.99E-03                                                               | 3.79E-03 | 6.26E-03 | 7.89E-03 | 8.22E-03 | 9.03E-03 | 1.20E-02 | 1.24E-02 | 9.68E-05                         | 2.38E-03          | 6.83E-05         | 5.67E-03          | 0.00E+00                |
| Kentucky                                                                                        | Knott      | 21119 | R                    | 2.48E-05                                                               | 2.48E-05 | 2.87E-05 | 2.97E-05 | 3.02E-05 | 3.28E-05 | 3.50E-05 | 3.50E-05 | 0.00E+00                         | 2.00E-05          | 1.02E-05         | 0.00E+00          | 0.00E+00                |
| Kentucky                                                                                        | Knox       | 21121 | R                    | 3.14E-05                                                               | 3.14E-05 | 3.66E-05 | 4.07E-05 | 4.65E-05 | 4.48E-05 | 9.64E-05 | 9.64E-05 | 7.41E-07                         | 3.34E-05          | 1.23E-05         | 0.00E+00          | 0.00E+00                |
| Kentucky                                                                                        | Larue      | 21123 | R                    | 4.26E-05                                                               | 4.26E-05 | 4.26E-05 | 9.18E-05 | 8.30E-05 | 1.15E-04 | 1.15E-04 | 1.15E-04 | 3.37E-05                         | 4.02E-05          | 9.13E-06         | 0.00E+00          | 0.00E+00                |
| Kentucky                                                                                        | Laurel     | 21125 | R                    | 3.89E-05                                                               | 4.10E-05 | 4.18E-05 | 4.80E-05 | 9.39E-05 | 1.51E-04 | 1.53E-04 | 2.96E-04 | 3.74E-06                         | 6.92E-05          | 2.09E-05         | 0.00E+00          | 0.00E+00                |
| Kentucky                                                                                        | Lawrence   | 21127 | R                    | 3.62E-05                                                               | 3.62E-05 | 4.35E-05 | 7.09E-05 | 7.03E-05 | 9.38E-05 | 1.07E-04 | 1.07E-04 | 1.12E-05                         | 4.60E-05          | 7.31E-06         | 5.84E-06          | 0.00E+00                |
| Kentucky                                                                                        | Lee        | 21129 | R                    | 1.49E-05                                                               | 1.49E-05 | 1.49E-05 | 2.06E-05 | 2.07E-05 | 2.66E-05 | 2.66E-05 | 2.66E-05 | 0.00E+00                         | 1.40E-05          | 6.70E-06         | 0.00E+00          | 0.00E+00                |
| Kentucky                                                                                        | Leslie     | 21131 | R                    | 2.29E-05                                                               | 2.29E-05 | 2.29E-05 | 2.58E-05 | 2.48E-05 | 2.59E-05 | 2.59E-05 | 2.59E-05 | 7.98E-08                         | 1.82E-05          | 6.62E-06         | 0.00E+00          | 0.00E+00                |
| Kentucky                                                                                        | Letcher    | 21133 | R                    | 3.08E-05                                                               | 3.08E-05 | 3.09E-05 | 4.66E-05 | 4.66E-05 | 5.78E-05 | 6.12E-05 | 6.12E-05 | 9.85E-09                         | 3.52E-05          | 1.14E-05         | 0.00E+00          | 0.00E+00                |
| Kentucky                                                                                        | Lewis      | 21135 | R                    | 4.47E-05                                                               | 4.47E-05 | 6.35E-05 | 8.10E-05 | 8.84E-05 | 9.72E-05 | 1.55E-04 | 1.55E-04 | 2.40E-05                         | 5.62E-05          | 8.26E-06         | 0.00E+00          | 0.00E+00                |
| Kentucky                                                                                        | Lincoln    | 21137 | R                    | 8.66E-05                                                               | 8.66E-05 | 9.45E-05 | 1.54E-04 | 1.50E-04 | 2.06E-04 | 2.08E-04 | 2.08E-04 | 3.75E-05                         | 1.02E-04          | 1.05E-05         | 0.00E+00          | 0.00E+00                |
| Kentucky                                                                                        | Livingston | 21139 | R                    | 1.19E-03                                                               | 1.19E-03 | 1.19E-03 | 5.07E-03 | 5.07E-03 | 8.95E-03 | 8.95E-03 | 8.95E-03 | 1.77E-05                         | 5.00E-03          | 9.05E-06         | 4.46E-05          | 0.00E+00                |
| Kentucky                                                                                        | Logan      | 21141 | R                    | 4.61E-05                                                               | 4.61E-05 | 5.47E-05 | 6.10E-05 | 6.32E-05 | 7.77E-05 | 7.85E-05 | 7.85E-05 | 1.11E-05                         | 3.96E-05          | 1.24E-05         | 2.96E-08          | 0.00E+00                |
| Kentucky                                                                                        | Lyon       | 21143 | R                    | 1.02E-03                                                               | 1.02E-03 | 1.02E-03 | 1.18E-03 | 1.18E-03 | 1.34E-03 | 1.34E-03 | 1.34E-03 | 7.72E-06                         | 1.17E-03          | 6.94E-06         | 0.00E+00          | 0.00E+00                |
| Kentucky                                                                                        | McCracken  | 21145 | R                    | 1.18E-03                                                               | 1.20E-03 | 1.37E-03 | 1.44E-03 | 1.54E-03 | 1.73E-03 | 1.99E-03 | 2.14E-03 | 9.47E-05                         | 1.15E-03          | 3.87E-05         | 2.56E-04          | 0.00E+00                |
| Kentucky                                                                                        | McCreary   | 21147 | R                    | 2.50E-05                                                               | 2.50E-05 | 2.69E-05 | 2.99E-05 | 3.06E-05 | 3.44E-05 | 3.78E-05 | 3.78E-05 | 2.85E-06                         | 1.81E-05          | 9.68E-06         | 0.00E+00          | 0.00E+00                |
| Kentucky                                                                                        | McLean     | 21149 | R                    | 4.54E-04                                                               | 4.54E-04 | 5.12E-04 | 6.29E-04 | 7.02E-04 | 8.92E-04 | 1.10E-03 | 1.10E-03 | 6.08E-04                         | 7.86E-05          | 6.69E-06         | 8.99E-06          | 0.00E+00                |
| Kentucky                                                                                        | Madison    | 21151 | U                    | 1.15E-04                                                               | 1.35E-04 | 6.23E-04 | 1.03E-03 | 1.24E-03 | 1.56E-03 | 2.39E-03 | 4.36E-03 | 8.83E-06                         | 1.14E-03          | 3.37E-05         | 6.01E-05          | 0.00E+00                |

| Estimated Annual Average Ambient Concentrations (µg/m <sup>3</sup> ) for Lead Compounds |                    |       |                      |                                                                        |          |          |          |          |          |          |          |                                  |                   |                  |                   |                         |
|-----------------------------------------------------------------------------------------|--------------------|-------|----------------------|------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------------------------------|-------------------|------------------|-------------------|-------------------------|
| State                                                                                   | County             | FIPS  | Urban<br>or<br>Rural | Percentile Distribution of Ambient Concentrations Across Census Tracts |          |          |          |          |          |          |          | Contribution to Average from ... |                   |                  |                   |                         |
|                                                                                         |                    |       |                      | 5th                                                                    | 10th     | 25th     | Median   | Average  | 75th     | 90th     | 95th     | Major                            | Area and<br>Other | Onroad<br>Mobile | Nonroad<br>Mobile | Estimated<br>Background |
| Kentucky                                                                                | Magoffin           | 21153 | R                    | 1.90E-05                                                               | 1.90E-05 | 2.01E-05 | 2.15E-05 | 2.38E-05 | 2.75E-05 | 3.31E-05 | 3.31E-05 | 0.00E+00                         | 1.69E-05          | 6.85E-06         | 0.00E+00          | 0.00E+00                |
| Kentucky                                                                                | Marion             | 21155 | R                    | 1.08E-04                                                               | 1.08E-04 | 1.83E-04 | 3.00E-04 | 3.66E-04 | 5.45E-04 | 7.63E-04 | 7.63E-04 | 3.05E-04                         | 5.20E-05          | 9.18E-06         | 0.00E+00          | 0.00E+00                |
| Kentucky                                                                                | Marshall           | 21157 | R                    | 5.32E-03                                                               | 5.32E-03 | 7.29E-03 | 9.79E-03 | 1.04E-02 | 1.12E-02 | 1.90E-02 | 1.90E-02 | 2.15E-05                         | 1.03E-02          | 1.44E-05         | 2.24E-05          | 0.00E+00                |
| Kentucky                                                                                | Martin             | 21159 | R                    | 2.77E-05                                                               | 2.77E-05 | 2.77E-05 | 3.25E-05 | 3.29E-05 | 3.85E-05 | 3.85E-05 | 3.85E-05 | 2.45E-06                         | 1.89E-05          | 1.15E-05         | 0.00E+00          | 0.00E+00                |
| Kentucky                                                                                | Mason              | 21161 | R                    | 1.87E-04                                                               | 1.87E-04 | 2.06E-04 | 2.12E-04 | 1.48E-03 | 3.52E-03 | 4.54E-03 | 4.54E-03 | 8.85E-06                         | 1.45E-03          | 1.74E-05         | 0.00E+00          | 0.00E+00                |
| Kentucky                                                                                | Meade              | 21163 | R                    | 1.80E-04                                                               | 1.80E-04 | 4.58E-04 | 6.41E-04 | 6.47E-04 | 8.94E-04 | 1.06E-03 | 1.06E-03 | 5.68E-05                         | 2.22E-04          | 2.17E-05         | 3.47E-04          | 0.00E+00                |
| Kentucky                                                                                | Menifee            | 21165 | R                    | 1.20E-05                                                               | 1.20E-05 | 1.20E-05 | 1.37E-05 | 1.37E-05 | 1.54E-05 | 1.54E-05 | 1.54E-05 | 0.00E+00                         | 8.55E-06          | 5.14E-06         | 0.00E+00          | 0.00E+00                |
| Kentucky                                                                                | Mercer             | 21167 | R                    | 1.14E-03                                                               | 1.14E-03 | 1.27E-03 | 1.78E-03 | 1.58E-03 | 1.83E-03 | 1.87E-03 | 1.87E-03 | 5.30E-05                         | 1.44E-03          | 1.62E-05         | 6.85E-05          | 0.00E+00                |
| Kentucky                                                                                | Metcalfe           | 21169 | R                    | 1.77E-05                                                               | 1.77E-05 | 1.77E-05 | 2.00E-05 | 1.99E-05 | 2.20E-05 | 2.20E-05 | 2.20E-05 | 1.82E-07                         | 1.35E-05          | 6.22E-06         | 0.00E+00          | 0.00E+00                |
| Kentucky                                                                                | Monroe             | 21171 | R                    | 2.32E-05                                                               | 2.32E-05 | 2.49E-05 | 2.69E-05 | 3.17E-05 | 3.86E-05 | 4.99E-05 | 4.99E-05 | 0.00E+00                         | 2.42E-05          | 7.52E-06         | 0.00E+00          | 0.00E+00                |
| Kentucky                                                                                | Montgomery         | 21173 | R                    | 5.28E-05                                                               | 5.28E-05 | 6.23E-05 | 1.01E-04 | 1.02E-04 | 1.38E-04 | 1.56E-04 | 1.56E-04 | 6.50E-06                         | 7.99E-05          | 1.56E-05         | 0.00E+00          | 0.00E+00                |
| Kentucky                                                                                | Morgan             | 21175 | R                    | 1.68E-05                                                               | 1.68E-05 | 1.72E-05 | 1.87E-05 | 2.09E-05 | 2.17E-05 | 3.03E-05 | 3.03E-05 | 8.23E-07                         | 1.44E-05          | 5.70E-06         | 0.00E+00          | 0.00E+00                |
| Kentucky                                                                                | Muhlenberg         | 21177 | R                    | 4.99E-05                                                               | 4.99E-05 | 1.66E-04 | 2.48E-04 | 2.33E-04 | 3.15E-04 | 3.87E-04 | 3.87E-04 | 1.46E-04                         | 7.44E-05          | 1.18E-05         | 1.16E-06          | 0.00E+00                |
| Kentucky                                                                                | Nelson             | 21179 | R                    | 1.06E-04                                                               | 1.06E-04 | 1.74E-04 | 4.84E-04 | 5.77E-04 | 1.14E-03 | 1.21E-03 | 1.21E-03 | 4.28E-05                         | 3.34E-04          | 1.67E-05         | 1.83E-04          | 0.00E+00                |
| Kentucky                                                                                | Nicholas           | 21181 | R                    | 8.99E-05                                                               | 8.99E-05 | 8.99E-05 | 9.35E-05 | 9.35E-05 | 9.71E-05 | 9.71E-05 | 9.71E-05 | 1.42E-05                         | 7.16E-05          | 7.72E-06         | 0.00E+00          | 0.00E+00                |
| Kentucky                                                                                | Ohio               | 21183 | R                    | 1.66E-04                                                               | 1.66E-04 | 2.00E-04 | 2.44E-04 | 2.57E-04 | 3.50E-04 | 3.52E-04 | 3.52E-04 | 1.93E-04                         | 5.22E-05          | 7.00E-06         | 4.54E-06          | 0.00E+00                |
| Kentucky                                                                                | Oldham             | 21185 | U                    | 1.16E-03                                                               | 1.22E-03 | 1.30E-03 | 1.64E-03 | 1.62E-03 | 1.93E-03 | 1.95E-03 | 2.18E-03 | 8.62E-05                         | 7.20E-04          | 2.79E-05         | 7.86E-04          | 0.00E+00                |
| Kentucky                                                                                | Owen               | 21187 | R                    | 3.54E-04                                                               | 3.54E-04 | 3.54E-04 | 5.62E-04 | 7.13E-04 | 1.22E-03 | 1.22E-03 | 1.22E-03 | 1.04E-05                         | 6.39E-04          | 6.41E-06         | 5.72E-05          | 0.00E+00                |
| Kentucky                                                                                | Owsley             | 21189 | R                    | 1.61E-05                                                               | 1.61E-05 | 1.61E-05 | 1.68E-05 | 1.66E-05 | 1.70E-05 | 1.70E-05 | 1.70E-05 | 0.00E+00                         | 1.11E-05          | 5.51E-06         | 0.00E+00          | 0.00E+00                |
| Kentucky                                                                                | Pendleton          | 21191 | U                    | 1.90E-04                                                               | 1.90E-04 | 1.90E-04 | 5.19E-04 | 5.72E-04 | 1.01E-03 | 1.01E-03 | 1.01E-03 | 3.03E-05                         | 2.51E-04          | 1.24E-05         | 2.79E-04          | 0.00E+00                |
| Kentucky                                                                                | Perry              | 21193 | R                    | 3.20E-05                                                               | 3.20E-05 | 3.35E-05 | 3.49E-05 | 4.22E-05 | 3.81E-05 | 8.27E-05 | 8.27E-05 | 0.00E+00                         | 3.04E-05          | 1.17E-05         | 0.00E+00          | 0.00E+00                |
| Kentucky                                                                                | Pike               | 21195 | R                    | 4.10E-05                                                               | 4.11E-05 | 4.82E-05 | 5.21E-05 | 6.65E-05 | 5.77E-05 | 1.33E-04 | 2.63E-04 | 0.00E+00                         | 5.12E-05          | 1.53E-05         | 0.00E+00          | 0.00E+00                |
| Kentucky                                                                                | Powell             | 21197 | R                    | 3.97E-05                                                               | 3.97E-05 | 3.97E-05 | 5.44E-05 | 5.44E-05 | 6.91E-05 | 6.91E-05 | 6.91E-05 | 8.49E-06                         | 3.61E-05          | 9.84E-06         | 0.00E+00          | 0.00E+00                |
| Kentucky                                                                                | Pulaski            | 21199 | R                    | 5.00E-05                                                               | 5.39E-05 | 5.50E-05 | 9.25E-05 | 1.43E-04 | 1.70E-04 | 3.02E-04 | 4.75E-04 | 1.24E-05                         | 1.11E-04          | 1.98E-05         | 0.00E+00          | 0.00E+00                |
| Kentucky                                                                                | Robertson          | 21201 | R                    | 9.12E-05                                                               | 9.12E-05 | 9.12E-05 | 9.12E-05 | 9.12E-05 | 9.12E-05 | 9.12E-05 | 9.12E-05 | 9.13E-06                         | 7.55E-05          | 6.64E-06         | 0.00E+00          | 0.00E+00                |
| Kentucky                                                                                | Rockcastle         | 21203 | R                    | 3.52E-05                                                               | 3.52E-05 | 4.71E-05 | 6.14E-05 | 6.52E-05 | 8.24E-05 | 9.99E-05 | 9.99E-05 | 4.43E-06                         | 5.12E-05          | 9.53E-06         | 0.00E+00          | 0.00E+00                |
| Kentucky                                                                                | Rowan              | 21205 | R                    | 4.29E-05                                                               | 4.29E-05 | 4.94E-05 | 6.77E-05 | 7.29E-05 | 9.64E-05 | 1.13E-04 | 1.13E-04 | 9.79E-07                         | 5.91E-05          | 1.29E-05         | 0.00E+00          | 0.00E+00                |
| Kentucky                                                                                | Russell            | 21207 | R                    | 7.15E-05                                                               | 7.15E-05 | 8.68E-05 | 1.23E-04 | 1.37E-04 | 1.88E-04 | 2.32E-04 | 2.32E-04 | 3.62E-06                         | 1.25E-04          | 8.86E-06         | 0.00E+00          | 0.00E+00                |
| Kentucky                                                                                | Scott              | 21209 | U                    | 2.10E-03                                                               | 2.10E-03 | 2.47E-03 | 3.73E-03 | 4.88E-03 | 5.02E-03 | 1.22E-02 | 1.22E-02 | 2.78E-05                         | 4.15E-03          | 1.59E-05         | 6.94E-04          | 0.00E+00                |
| Kentucky                                                                                | Shelby             | 21211 | R                    | 9.40E-04                                                               | 9.40E-04 | 1.32E-03 | 1.85E-03 | 3.25E-03 | 2.29E-03 | 9.86E-03 | 9.86E-03 | 2.51E-05                         | 2.65E-03          | 1.77E-05         | 5.61E-04          | 0.00E+00                |
| Kentucky                                                                                | Simpson            | 21213 | R                    | 1.86E-04                                                               | 1.86E-04 | 1.86E-04 | 1.89E-04 | 1.97E-04 | 2.07E-04 | 2.22E-04 | 2.22E-04 | 6.07E-05                         | 1.16E-04          | 1.94E-05         | 8.24E-08          | 0.00E+00                |
| Kentucky                                                                                | Spencer            | 21215 | R                    | 1.60E-03                                                               | 1.60E-03 | 1.60E-03 | 1.66E-03 | 1.66E-03 | 1.71E-03 | 1.71E-03 | 1.71E-03 | 3.03E-05                         | 7.37E-04          | 1.49E-05         | 8.76E-04          | 0.00E+00                |
| Kentucky                                                                                | Taylor             | 21217 | R                    | 1.08E-04                                                               | 1.08E-04 | 1.40E-04 | 1.69E-04 | 2.10E-04 | 2.86E-04 | 3.48E-04 | 3.48E-04 | 7.18E-05                         | 1.23E-04          | 1.52E-05         | 0.00E+00          | 0.00E+00                |
| Kentucky                                                                                | Todd               | 21219 | R                    | 2.89E-05                                                               | 2.89E-05 | 2.95E-05 | 3.08E-05 | 3.06E-05 | 3.17E-05 | 3.21E-05 | 3.21E-05 | 1.39E-06                         | 2.38E-05          | 5.44E-06         | 4.62E-10          | 0.00E+00                |
| Kentucky                                                                                | Trigg              | 21221 | R                    | 2.10E-04                                                               | 2.10E-04 | 2.10E-04 | 3.68E-04 | 3.37E-04 | 4.33E-04 | 4.33E-04 | 4.33E-04 | 4.80E-06                         | 3.25E-04          | 7.44E-06         | 0.00E+00          | 0.00E+00                |
| Kentucky                                                                                | Trimble            | 21223 | R                    | 3.49E-04                                                               | 3.49E-04 | 3.49E-04 | 4.61E-04 | 4.61E-04 | 5.72E-04 | 5.72E-04 | 5.72E-04 | 1.18E-04                         | 3.31E-04          | 1.10E-05         | 2.11E-07          | 0.00E+00                |
| Kentucky                                                                                | Union              | 21225 | R                    | 5.41E-05                                                               | 5.41E-05 | 5.41E-05 | 7.85E-05 | 8.14E-05 | 1.12E-04 | 1.12E-04 | 1.12E-04 | 3.02E-05                         | 3.92E-05          | 7.74E-06         | 4.18E-06          | 0.00E+00                |
| Kentucky                                                                                | Warren             | 21227 | U                    | 1.16E-04                                                               | 1.20E-04 | 1.83E-04 | 4.44E-04 | 7.51E-04 | 1.14E-03 | 2.24E-03 | 2.26E-03 | 4.81E-04                         | 2.15E-04          | 5.40E-05         | 8.64E-07          | 0.00E+00                |
| Kentucky                                                                                | Washington         | 21229 | R                    | 2.20E-04                                                               | 2.20E-04 | 2.20E-04 | 7.66E-04 | 6.22E-04 | 8.80E-04 | 8.80E-04 | 8.80E-04 | 1.28E-04                         | 4.87E-04          | 7.53E-06         | 3.27E-09          | 0.00E+00                |
| Kentucky                                                                                | Wayne              | 21231 | R                    | 2.22E-05                                                               | 2.22E-05 | 2.52E-05 | 3.37E-05 | 4.94E-05 | 8.84E-05 | 9.32E-05 | 9.32E-05 | 2.61E-06                         | 3.65E-05          | 1.03E-05         | 0.00E+00          | 0.00E+00                |
| Kentucky                                                                                | Webster            | 21233 | R                    | 5.40E-05                                                               | 5.40E-05 | 5.83E-05 | 1.39E-04 | 1.66E-04 | 2.73E-04 | 3.30E-04 | 3.30E-04 | 1.04E-04                         | 5.34E-05          | 6.75E-06         | 1.53E-06          | 0.00E+00                |
| Kentucky                                                                                | Whitley            | 21235 | R                    | 5.20E-05                                                               | 5.20E-05 | 6.48E-05 | 8.64E-05 | 1.17E-04 | 1.44E-04 | 2.92E-04 | 2.92E-04 | 2.22E-06                         | 9.08E-05          | 2.38E-05         | 0.00E+00          | 0.00E+00                |
| Kentucky                                                                                | Wolfe              | 21237 | R                    | 1.10E-05                                                               | 1.10E-05 | 1.10E-05 | 1.24E-05 | 1.22E-05 | 1.33E-05 | 1.33E-05 | 1.33E-05 | 0.00E+00                         | 7.12E-06          | 5.07E-06         | 0.00E+00          | 0.00E+00                |
| Kentucky                                                                                | Woodford           | 21239 | U                    | 6.48E-03                                                               | 6.48E-03 | 6.53E-03 | 7.33E-03 | 2.74E-02 | 4.83E-02 | 8.86E-02 | 8.86E-02 | 1.07E-05                         | 2.69E-02          | 1.11E-05         | 4.61E-04          | 0.00E+00                |
| Louisiana                                                                               | Statewide          | N/A   | N/A                  | 5.99E-05                                                               | 1.04E-04 | 2.87E-04 | 7.24E-04 | 2.49E-03 | 1.88E-03 | 6.99E-03 | 1.01E-02 | 3.04E-04                         | 1.42E-03          | 2.59E-05         | 7.44E-04          | 0.00E+00                |
| Louisiana                                                                               | All Urban Counties | N/A   | U                    | 1.07E-04                                                               | 1.81E-04 | 4.95E-04 | 8.53E-04 | 3.05E-03 | 2.40E-03 | 8.02E-03 | 1.14E-02 | 3.02E-04                         | 1.77E-03          | 3.03E-05         | 9.47E-04          | 0.00E+00                |
| Louisiana                                                                               | All Rural Counties | N/A   | R                    | 2.70E-05                                                               | 4.88E-05 | 1.05E-04 | 2.55E-04 | 8.54E-04 | 7.85E-04 | 1.99E-03 | 3.43E-03 | 3.11E-04                         | 3.81E-04          | 1.32E-05         | 1.50E-04          | 0.00E+00                |
| Louisiana                                                                               | Acadia Parish      | 22001 | U                    | 3.83E-05                                                               | 4.39E-05 | 6.57E-05 | 1.06E-04 | 1.15E-04 | 1.71E-04 | 1.77E-04 | 1.81E-04 | 0.00E+00                         | 8.74E-05          | 2.67E-05         | 6.71E-07          | 0.00E+00                |
| Louisiana                                                                               | Allen Parish       | 22003 | R                    | 2.62E-05                                                               | 2.62E-05 | 3.35E-05 | 5.65E-05 | 6.71E-05 | 6.17E-05 | 1.57E-04 | 1.57E-04 | 6.70E-06                         | 5.00E-05          | 9.03E-06         | 1.33E-06          | 0.00E+00                |
| Louisiana                                                                               | Ascension Parish   | 22005 | U                    | 1.60E-03                                                               | 2.06E-03 | 2.73E-03 | 3.01E-03 | 3.18E-03 | 3.59E-03 | 4.73E-03 | 4.88E-03 | 1.82E-04                         | 2.96E-03          | 1.31E-05         | 2.41E-05          | 0.00E+00                |



| Estimated Annual Average Ambient Concentrations (µg/m <sup>3</sup> ) for Lead Compounds |                      |       |                      |                                                                        |          |          |          |          |          |          |          |                                  |                   |                  |                   |                         |
|-----------------------------------------------------------------------------------------|----------------------|-------|----------------------|------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------------------------------|-------------------|------------------|-------------------|-------------------------|
| State                                                                                   | County               | FIPS  | Urban<br>or<br>Rural | Percentile Distribution of Ambient Concentrations Across Census Tracts |          |          |          |          |          |          |          | Contribution to Average from ... |                   |                  |                   |                         |
|                                                                                         |                      |       |                      | 5th                                                                    | 10th     | 25th     | Median   | Average  | 75th     | 90th     | 95th     | Major                            | Area and<br>Other | Onroad<br>Mobile | Nonroad<br>Mobile | Estimated<br>Background |
| Louisiana                                                                               | Assumption Parish    | 22007 | R                    | 7.88E-05                                                               | 7.88E-05 | 3.84E-04 | 7.12E-04 | 6.51E-04 | 8.46E-04 | 1.17E-03 | 1.17E-03 | 2.01E-05                         | 6.16E-04          | 1.21E-05         | 2.50E-06          | 0.00E+00                |
| Louisiana                                                                               | Avoyelles Parish     | 22009 | R                    | 8.93E-05                                                               | 8.93E-05 | 1.25E-04 | 1.65E-04 | 1.93E-04 | 2.51E-04 | 3.10E-04 | 3.10E-04 | 4.65E-05                         | 2.11E-05          | 9.15E-06         | 1.17E-04          | 0.00E+00                |
| Louisiana                                                                               | Beauregard Parish    | 22011 | R                    | 1.18E-04                                                               | 1.18E-04 | 1.26E-04 | 1.03E-03 | 1.15E-03 | 1.69E-03 | 3.33E-03 | 3.33E-03 | 1.08E-03                         | 3.93E-05          | 1.47E-05         | 2.12E-05          | 0.00E+00                |
| Louisiana                                                                               | Bienville Parish     | 22013 | R                    | 9.76E-05                                                               | 9.76E-05 | 1.20E-04 | 2.08E-04 | 1.86E-04 | 2.25E-04 | 2.79E-04 | 2.79E-04 | 1.25E-04                         | 5.67E-05          | 4.31E-06         | 0.00E+00          | 0.00E+00                |
| Louisiana                                                                               | Bossier Parish       | 22015 | U                    | 2.35E-04                                                               | 3.24E-04 | 4.33E-04 | 9.31E-04 | 1.18E-03 | 1.56E-03 | 1.97E-03 | 4.69E-03 | 1.38E-04                         | 8.88E-04          | 1.52E-05         | 1.41E-04          | 0.00E+00                |
| Louisiana                                                                               | Caddo Parish         | 22017 | U                    | 1.02E-03                                                               | 1.58E-03 | 2.16E-03 | 2.63E-03 | 3.54E-03 | 4.05E-03 | 6.90E-03 | 7.40E-03 | 1.72E-04                         | 2.58E-03          | 2.27E-05         | 7.65E-04          | 0.00E+00                |
| Louisiana                                                                               | Calcasieu Parish     | 22019 | U                    | 2.18E-04                                                               | 2.31E-04 | 3.93E-04 | 5.30E-04 | 7.33E-04 | 9.47E-04 | 1.25E-03 | 1.55E-03 | 2.02E-05                         | 1.43E-04          | 1.40E-05         | 5.56E-04          | 0.00E+00                |
| Louisiana                                                                               | Caldwell Parish      | 22021 | R                    | 3.35E-05                                                               | 3.35E-05 | 3.35E-05 | 1.87E-04 | 1.59E-04 | 2.57E-04 | 2.57E-04 | 2.57E-04 | 6.95E-05                         | 3.16E-05          | 6.36E-06         | 5.19E-05          | 0.00E+00                |
| Louisiana                                                                               | Cameron Parish       | 22023 | R                    | 5.07E-05                                                               | 5.07E-05 | 5.07E-05 | 6.36E-05 | 6.36E-05 | 7.65E-05 | 7.65E-05 | 7.65E-05 | 5.07E-06                         | 8.48E-06          | 1.49E-06         | 4.85E-05          | 0.00E+00                |
| Louisiana                                                                               | Catahoula Parish     | 22025 | R                    | 6.45E-05                                                               | 6.45E-05 | 6.45E-05 | 8.78E-05 | 1.09E-04 | 1.75E-04 | 1.75E-04 | 1.75E-04 | 6.12E-05                         | 3.86E-05          | 6.82E-06         | 2.39E-06          | 0.00E+00                |
| Louisiana                                                                               | Claiborne Parish     | 22027 | R                    | 2.48E-05                                                               | 2.48E-05 | 9.01E-05 | 9.50E-05 | 9.16E-05 | 1.21E-04 | 1.27E-04 | 1.27E-04 | 1.71E-07                         | 7.69E-05          | 8.21E-06         | 6.38E-06          | 0.00E+00                |
| Louisiana                                                                               | Concordia Parish     | 22029 | R                    | 1.19E-04                                                               | 1.19E-04 | 2.26E-04 | 2.55E-04 | 3.29E-04 | 3.51E-04 | 6.92E-04 | 6.92E-04 | 2.58E-04                         | 5.68E-05          | 1.24E-05         | 1.91E-06          | 0.00E+00                |
| Louisiana                                                                               | De Soto Parish       | 22031 | R                    | 2.34E-04                                                               | 2.34E-04 | 4.28E-04 | 5.88E-04 | 5.35E-04 | 6.67E-04 | 6.69E-04 | 6.69E-04 | 4.06E-04                         | 8.17E-05          | 9.07E-06         | 3.90E-05          | 0.00E+00                |
| Louisiana                                                                               | East Baton Rouge Par | 22033 | U                    | 3.99E-03                                                               | 4.97E-03 | 7.39E-03 | 9.01E-03 | 1.28E-02 | 1.30E-02 | 2.31E-02 | 4.38E-02 | 2.02E-03                         | 1.01E-02          | 3.64E-05         | 6.38E-04          | 0.00E+00                |
| Louisiana                                                                               | East Carroll Parish  | 22035 | U                    | 2.18E-05                                                               | 2.18E-05 | 2.18E-05 | 7.06E-05 | 6.84E-05 | 1.13E-04 | 1.13E-04 | 1.13E-04 | 1.02E-05                         | 4.98E-05          | 8.00E-06         | 4.26E-07          | 0.00E+00                |
| Louisiana                                                                               | East Feliciana Paris | 22037 | R                    | 8.69E-04                                                               | 8.69E-04 | 1.04E-03 | 2.12E-03 | 2.13E-03 | 3.23E-03 | 3.43E-03 | 3.43E-03 | 1.14E-03                         | 8.40E-04          | 1.50E-05         | 1.34E-04          | 0.00E+00                |
| Louisiana                                                                               | Evangeline Parish    | 22039 | R                    | 3.64E-05                                                               | 3.64E-05 | 4.24E-05 | 5.46E-05 | 8.45E-05 | 1.26E-04 | 1.93E-04 | 1.93E-04 | 0.00E+00                         | 6.37E-05          | 2.02E-05         | 6.34E-07          | 0.00E+00                |
| Louisiana                                                                               | Franklin Parish      | 22041 | R                    | 1.27E-05                                                               | 1.27E-05 | 1.56E-05 | 2.78E-05 | 4.38E-05 | 8.91E-05 | 9.01E-05 | 9.01E-05 | 0.00E+00                         | 2.31E-05          | 1.13E-05         | 9.48E-06          | 0.00E+00                |
| Louisiana                                                                               | Grant Parish         | 22043 | R                    | 1.88E-04                                                               | 1.88E-04 | 1.90E-04 | 2.40E-04 | 2.74E-04 | 3.58E-04 | 4.27E-04 | 4.27E-04 | 1.46E-04                         | 3.10E-05          | 4.83E-06         | 9.20E-05          | 0.00E+00                |
| Louisiana                                                                               | Iberia Parish        | 22045 | U                    | 5.45E-05                                                               | 7.59E-05 | 2.00E-04 | 3.01E-04 | 2.65E-04 | 3.34E-04 | 3.98E-04 | 4.20E-04 | 0.00E+00                         | 2.18E-04          | 4.18E-05         | 6.10E-06          | 0.00E+00                |
| Louisiana                                                                               | Iberville Parish     | 22047 | R                    | 6.26E-03                                                               | 6.26E-03 | 7.86E-03 | 8.62E-03 | 9.31E-03 | 1.21E-02 | 1.34E-02 | 1.34E-02 | 5.94E-04                         | 8.59E-03          | 1.28E-05         | 1.12E-04          | 0.00E+00                |
| Louisiana                                                                               | Jackson Parish       | 22049 | R                    | 3.72E-04                                                               | 3.72E-04 | 5.22E-04 | 9.88E-04 | 1.15E-03 | 1.83E-03 | 2.04E-03 | 2.04E-03 | 1.09E-03                         | 4.16E-05          | 1.01E-05         | 1.36E-05          | 0.00E+00                |
| Louisiana                                                                               | Jefferson Parish     | 22051 | U                    | 4.51E-04                                                               | 5.18E-04 | 7.67E-04 | 1.25E-03 | 5.34E-03 | 2.99E-03 | 1.21E-02 | 1.98E-02 | 2.56E-05                         | 5.72E-04          | 3.94E-05         | 4.70E-03          | 0.00E+00                |
| Louisiana                                                                               | Jefferson Davis Pari | 22053 | U                    | 2.03E-05                                                               | 2.03E-05 | 2.84E-05 | 8.13E-05 | 6.63E-05 | 8.72E-05 | 1.18E-04 | 1.18E-04 | 3.92E-07                         | 3.93E-05          | 1.76E-05         | 8.97E-06          | 0.00E+00                |
| Louisiana                                                                               | Lafayette Parish     | 22055 | U                    | 2.73E-04                                                               | 3.24E-04 | 4.55E-04 | 5.65E-04 | 7.51E-04 | 8.73E-04 | 1.45E-03 | 1.91E-03 | 0.00E+00                         | 7.18E-04          | 2.76E-05         | 6.24E-06          | 0.00E+00                |
| Louisiana                                                                               | Lafourche Parish     | 22057 | R                    | 2.92E-05                                                               | 3.21E-05 | 1.82E-04 | 2.52E-04 | 2.36E-04 | 2.92E-04 | 3.75E-04 | 4.97E-04 | 1.28E-05                         | 1.68E-04          | 3.80E-06         | 5.12E-05          | 0.00E+00                |
| Louisiana                                                                               | La Salle Parish      | 22059 | R                    | 1.80E-05                                                               | 1.80E-05 | 1.80E-05 | 5.26E-05 | 4.59E-05 | 6.71E-05 | 6.71E-05 | 6.71E-05 | 1.12E-05                         | 1.48E-05          | 5.20E-06         | 1.48E-05          | 0.00E+00                |
| Louisiana                                                                               | Lincoln Parish       | 22061 | U                    | 2.94E-04                                                               | 3.15E-04 | 3.68E-04 | 5.20E-04 | 5.03E-04 | 5.51E-04 | 7.31E-04 | 9.04E-04 | 3.53E-04                         | 1.23E-04          | 2.43E-05         | 2.51E-06          | 0.00E+00                |
| Louisiana                                                                               | Livingston Parish    | 22063 | U                    | 2.47E-04                                                               | 4.93E-04 | 9.49E-04 | 1.55E-03 | 1.49E-03 | 2.01E-03 | 2.42E-03 | 2.58E-03 | 3.17E-04                         | 1.12E-03          | 1.44E-05         | 4.11E-05          | 0.00E+00                |
| Louisiana                                                                               | Madison Parish       | 22065 | U                    | 3.80E-05                                                               | 3.80E-05 | 6.85E-05 | 8.22E-05 | 7.47E-05 | 8.73E-05 | 9.74E-05 | 9.74E-05 | 2.35E-05                         | 3.76E-05          | 1.29E-05         | 6.45E-07          | 0.00E+00                |
| Louisiana                                                                               | Morehouse Parish     | 22067 | R                    | 2.82E-04                                                               | 2.82E-04 | 5.24E-04 | 6.77E-04 | 6.21E-04 | 7.55E-04 | 7.77E-04 | 7.77E-04 | 3.87E-04                         | 9.15E-05          | 2.35E-05         | 1.19E-04          | 0.00E+00                |
| Louisiana                                                                               | Natchitoches Parish  | 22069 | R                    | 8.13E-05                                                               | 8.13E-05 | 1.16E-04 | 2.20E-04 | 2.37E-04 | 2.46E-04 | 6.40E-04 | 6.40E-04 | 1.77E-04                         | 4.11E-05          | 1.62E-05         | 2.69E-06          | 0.00E+00                |
| Louisiana                                                                               | Orleans Parish       | 22071 | U                    | 5.06E-04                                                               | 5.65E-04 | 6.28E-04 | 7.17E-04 | 8.26E-04 | 9.27E-04 | 1.31E-03 | 1.42E-03 | 3.58E-05                         | 4.98E-04          | 4.89E-05         | 2.44E-04          | 0.00E+00                |
| Louisiana                                                                               | Ouachita Parish      | 22073 | R                    | 5.92E-04                                                               | 7.34E-04 | 1.11E-03 | 1.56E-03 | 1.79E-03 | 1.99E-03 | 3.21E-03 | 3.45E-03 | 6.31E-04                         | 3.13E-04          | 1.92E-05         | 8.29E-04          | 0.00E+00                |
| Louisiana                                                                               | Plaquemines Parish   | 22075 | U                    | 3.91E-05                                                               | 3.91E-05 | 8.64E-05 | 1.01E-04 | 1.53E-04 | 2.15E-04 | 3.31E-04 | 3.31E-04 | 2.35E-06                         | 1.11E-04          | 6.30E-06         | 3.28E-05          | 0.00E+00                |
| Louisiana                                                                               | Pointe Coupee Parish | 22077 | R                    | 1.28E-04                                                               | 1.28E-04 | 2.31E-03 | 3.31E-03 | 2.94E-03 | 3.69E-03 | 4.91E-03 | 4.91E-03 | 1.83E-03                         | 9.98E-04          | 1.38E-05         | 1.03E-04          | 0.00E+00                |
| Louisiana                                                                               | Rapides Parish       | 22079 | U                    | 1.80E-04                                                               | 2.67E-04 | 5.78E-04 | 8.04E-04 | 1.08E-03 | 1.23E-03 | 2.19E-03 | 3.93E-03 | 5.72E-04                         | 1.66E-04          | 1.04E-05         | 3.33E-04          | 0.00E+00                |
| Louisiana                                                                               | Red River Parish     | 22081 | R                    | 2.14E-04                                                               | 2.14E-04 | 2.14E-04 | 2.97E-04 | 2.76E-04 | 3.17E-04 | 3.17E-04 | 3.17E-04 | 2.17E-04                         | 5.35E-05          | 5.88E-06         | 0.00E+00          | 0.00E+00                |
| Louisiana                                                                               | Richland Parish      | 22083 | R                    | 7.28E-05                                                               | 7.28E-05 | 7.84E-05 | 1.69E-04 | 1.76E-04 | 2.76E-04 | 2.89E-04 | 2.89E-04 | 9.31E-05                         | 3.38E-05          | 8.80E-06         | 4.01E-05          | 0.00E+00                |
| Louisiana                                                                               | Sabine Parish        | 22085 | R                    | 3.75E-05                                                               | 3.75E-05 | 6.58E-05 | 1.22E-04 | 1.06E-04 | 1.34E-04 | 1.88E-04 | 1.88E-04 | 7.16E-05                         | 2.89E-05          | 5.74E-06         | 0.00E+00          | 0.00E+00                |
| Louisiana                                                                               | St. Bernard Parish   | 22087 | U                    | 7.40E-05                                                               | 1.66E-04 | 3.44E-04 | 7.91E-04 | 7.42E-04 | 9.69E-04 | 1.55E-03 | 1.73E-03 | 1.07E-04                         | 5.31E-04          | 2.34E-05         | 8.01E-05          | 0.00E+00                |
| Louisiana                                                                               | St. Charles Parish   | 22089 | U                    | 2.00E-03                                                               | 3.10E-03 | 3.97E-03 | 6.21E-03 | 5.84E-03 | 7.81E-03 | 8.69E-03 | 8.96E-03 | 1.84E-04                         | 3.88E-03          | 1.08E-05         | 1.76E-03          | 0.00E+00                |
| Louisiana                                                                               | St. Helena Parish    | 22091 | R                    | 3.45E-05                                                               | 3.45E-05 | 3.45E-05 | 8.44E-05 | 8.44E-05 | 1.34E-04 | 1.34E-04 | 1.34E-04 | 0.00E+00                         | 6.48E-05          | 8.60E-06         | 1.10E-05          | 0.00E+00                |
| Louisiana                                                                               | St. James Parish     | 22093 | U                    | 6.45E-04                                                               | 6.80E-04 | 8.58E-04 | 9.16E-04 | 1.02E-03 | 1.22E-03 | 1.41E-03 | 1.47E-03 | 4.17E-05                         | 8.09E-04          | 1.07E-05         | 1.58E-04          | 0.00E+00                |
| Louisiana                                                                               | St. John the Baptist | 22095 | U                    | 1.68E-03                                                               | 2.11E-03 | 2.38E-03 | 3.51E-03 | 4.00E-03 | 5.30E-03 | 6.48E-03 | 7.14E-03 | 1.44E-04                         | 2.85E-03          | 1.29E-05         | 9.94E-04          | 0.00E+00                |
| Louisiana                                                                               | St. Landry Parish    | 22097 | U                    | 5.00E-05                                                               | 6.23E-05 | 9.69E-05 | 1.49E-04 | 1.43E-04 | 1.75E-04 | 1.92E-04 | 3.16E-04 | 3.54E-06                         | 1.11E-04          | 2.74E-05         | 1.15E-06          | 0.00E+00                |
| Louisiana                                                                               | St. Martin Parish    | 22099 | U                    | 9.98E-05                                                               | 1.24E-04 | 1.67E-04 | 3.20E-04 | 3.15E-04 | 4.03E-04 | 5.58E-04 | 6.13E-04 | 2.10E-06                         | 2.94E-04          | 1.28E-05         | 6.03E-06          | 0.00E+00                |
| Louisiana                                                                               | St. Mary Parish      | 22101 | U                    | 1.77E-05                                                               | 3.68E-05 | 7.62E-05 | 1.50E-04 | 1.51E-04 | 2.14E-04 | 2.74E-04 | 2.87E-04 | 1.61E-05                         | 1.06E-04          | 2.90E-05         | 4.29E-07          | 0.00E+00                |
| Louisiana                                                                               | St. Tammany Parish   | 22103 | U                    | 1.25E-04                                                               | 1.44E-04 | 1.93E-04 | 2.31E-04 | 3.06E-04 | 4.26E-04 | 5.65E-04 | 6.73E-04 | 6.49E-05                         | 1.45E-04          | 1.08E-05         | 8.52E-05          | 0.00E+00                |
| Louisiana                                                                               | Tangipahoa Parish    | 22105 | R                    | 5.99E-05                                                               | 6.11E-05 | 1.55E-04 | 3.18E-04 | 4.14E-04 | 6.27E-04 | 9.10E-04 | 9.96E-04 | 2.90E-06                         | 3.84E-04          | 2.71E-05         | 4.07E-08          | 0.00E+00                |

| Estimated Annual Average Ambient Concentrations ( $\mu\text{g}/\text{m}^3$ ) for Lead Compounds |                      |            |                      |                                                                        |                 |                 |                 |                 |                 |                 |                 |                                  |                   |                  |                   |                         |
|-------------------------------------------------------------------------------------------------|----------------------|------------|----------------------|------------------------------------------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------------------------|-------------------|------------------|-------------------|-------------------------|
| State                                                                                           | County               | FIPS       | Urban<br>or<br>Rural | Percentile Distribution of Ambient Concentrations Across Census Tracts |                 |                 |                 |                 |                 |                 |                 | Contribution to Average from ... |                   |                  |                   |                         |
|                                                                                                 |                      |            |                      | 5th                                                                    | 10th            | 25th            | Median          | Average         | 75th            | 90th            | 95th            | Major                            | Area and<br>Other | Onroad<br>Mobile | Nonroad<br>Mobile | Estimated<br>Background |
| Louisiana                                                                                       | Tensas Parish        | 22107      | R                    | 1.27E-05                                                               | 1.27E-05        | 1.27E-05        | 1.03E-04        | 1.85E-04        | 4.39E-04        | 4.39E-04        | 4.39E-04        | 1.55E-04                         | 2.60E-05          | 3.66E-06         | 8.87E-08          | 0.00E+00                |
| Louisiana                                                                                       | Terrebonne Parish    | 22109      | R                    | 7.49E-06                                                               | 1.05E-05        | 2.32E-05        | 8.29E-05        | 8.81E-05        | 1.54E-04        | 1.84E-04        | 1.92E-04        | 4.00E-06                         | 8.01E-05          | 4.00E-06         | 0.00E+00          | 0.00E+00                |
| Louisiana                                                                                       | Union Parish         | 22111      | R                    | 2.06E-04                                                               | 2.06E-04        | 2.68E-04        | 3.38E-04        | 4.37E-04        | 7.24E-04        | 7.46E-04        | 7.46E-04        | 2.16E-04                         | 1.66E-04          | 7.70E-06         | 4.66E-05          | 0.00E+00                |
| Louisiana                                                                                       | Vermilion Parish     | 22113      | R                    | 1.31E-05                                                               | 2.06E-05        | 4.88E-05        | 8.29E-05        | 9.37E-05        | 1.29E-04        | 1.96E-04        | 2.52E-04        | 0.00E+00                         | 7.03E-05          | 2.15E-05         | 1.83E-06          | 0.00E+00                |
| Louisiana                                                                                       | Vernon Parish        | 22115      | R                    | 8.19E-05                                                               | 8.19E-05        | 1.81E-04        | 3.00E-04        | 2.78E-04        | 3.37E-04        | 5.49E-04        | 5.49E-04        | 1.84E-04                         | 3.06E-05          | 1.23E-05         | 5.16E-05          | 0.00E+00                |
| Louisiana                                                                                       | Washington Parish    | 22117      | R                    | 9.61E-05                                                               | 1.21E-04        | 1.53E-04        | 7.93E-04        | 1.03E-03        | 1.95E-03        | 2.27E-03        | 2.38E-03        | 9.30E-04                         | 7.45E-05          | 2.32E-05         | 0.00E+00          | 0.00E+00                |
| Louisiana                                                                                       | Webster Parish       | 22119      | U                    | 5.32E-05                                                               | 1.07E-04        | 1.11E-04        | 3.57E-04        | 4.36E-04        | 6.11E-04        | 8.79E-04        | 1.31E-03        | 1.06E-07                         | 4.13E-04          | 1.80E-05         | 3.92E-06          | 0.00E+00                |
| Louisiana                                                                                       | West Baton Rouge Par | 22121      | U                    | 6.96E-03                                                               | 6.96E-03        | 7.15E-03        | 8.81E-03        | 8.67E-03        | 9.89E-03        | 1.06E-02        | 1.06E-02        | 2.34E-03                         | 6.02E-03          | 1.73E-05         | 2.94E-04          | 0.00E+00                |
| Louisiana                                                                                       | West Carroll Parish  | 22123      | R                    | 5.44E-05                                                               | 5.44E-05        | 5.44E-05        | 6.87E-05        | 7.03E-05        | 8.78E-05        | 8.78E-05        | 8.78E-05        | 5.19E-05                         | 1.28E-05          | 5.49E-06         | 6.49E-08          | 0.00E+00                |
| Louisiana                                                                                       | West Feliciana Paris | 22125      | R                    | 7.58E-04                                                               | 7.58E-04        | 7.58E-04        | 1.31E-03        | 1.31E-03        | 1.86E-03        | 1.86E-03        | 1.86E-03        | 9.76E-04                         | 2.91E-04          | 6.01E-06         | 3.34E-05          | 0.00E+00                |
| Louisiana                                                                                       | Winn Parish          | 22127      | R                    | 7.59E-05                                                               | 7.59E-05        | 1.27E-04        | 3.70E-04        | 3.49E-04        | 5.71E-04        | 5.80E-04        | 5.80E-04        | 1.20E-04                         | 2.15E-04          | 1.45E-05         | 0.00E+00          | 0.00E+00                |
| <b>Maine</b>                                                                                    | <b>Statewide</b>     | <b>N/A</b> | <b>N/A</b>           | <b>1.34E-05</b>                                                        | <b>3.73E-05</b> | <b>1.37E-04</b> | <b>3.55E-04</b> | <b>2.52E-03</b> | <b>1.03E-03</b> | <b>6.67E-03</b> | <b>1.24E-02</b> | <b>1.65E-04</b>                  | <b>8.53E-04</b>   | <b>1.09E-05</b>  | <b>1.49E-03</b>   | <b>0.00E+00</b>         |
| Maine                                                                                           | All Urban Counties   | N/A        | U                    | 2.80E-04                                                               | 3.11E-04        | 3.54E-04        | 4.94E-04        | 5.54E-04        | 6.78E-04        | 8.26E-04        | 1.03E-03        | 1.11E-04                         | 2.70E-04          | 1.19E-05         | 1.61E-04          | 0.00E+00                |
| Maine                                                                                           | All Rural Counties   | N/A        | R                    | 1.04E-05                                                               | 2.90E-05        | 1.11E-04        | 3.06E-04        | 2.90E-03        | 1.30E-03        | 8.30E-03        | 1.32E-02        | 1.76E-04                         | 9.65E-04          | 1.07E-05         | 1.74E-03          | 0.00E+00                |
| Maine                                                                                           | Androscoggin         | 23001      | U                    | 2.65E-04                                                               | 2.67E-04        | 3.21E-04        | 4.90E-04        | 5.00E-04        | 6.62E-04        | 7.04E-04        | 7.53E-04        | 1.73E-04                         | 2.28E-04          | 1.65E-05         | 8.31E-05          | 0.00E+00                |
| Maine                                                                                           | Aroostook            | 23003      | R                    | 7.57E-06                                                               | 8.20E-06        | 1.34E-05        | 6.51E-05        | 2.01E-04        | 1.37E-04        | 8.49E-04        | 9.17E-04        | 4.67E-07                         | 3.43E-05          | 5.06E-06         | 1.61E-04          | 0.00E+00                |
| Maine                                                                                           | Cumberland           | 23005      | R                    | 2.15E-04                                                               | 3.38E-04        | 8.85E-04        | 3.24E-03        | 6.80E-03        | 9.93E-03        | 1.68E-02        | 1.96E-02        | 4.93E-04                         | 5.46E-04          | 1.80E-05         | 5.74E-03          | 0.00E+00                |
| Maine                                                                                           | Franklin             | 23007      | R                    | 1.04E-05                                                               | 1.90E-05        | 2.08E-05        | 1.03E-04        | 2.37E-04        | 2.28E-04        | 5.60E-04        | 1.44E-03        | 2.02E-04                         | 2.10E-05          | 3.85E-06         | 1.09E-05          | 0.00E+00                |
| Maine                                                                                           | Hancock              | 23009      | R                    | 3.39E-04                                                               | 3.47E-04        | 4.13E-04        | 8.37E-04        | 1.49E-02        | 2.48E-03        | 2.67E-02        | 1.97E-01        | 1.87E-05                         | 1.46E-02          | 5.96E-06         | 2.20E-04          | 0.00E+00                |
| Maine                                                                                           | Kennebec             | 23011      | R                    | 1.49E-04                                                               | 1.52E-04        | 2.84E-04        | 4.08E-04        | 1.34E-03        | 8.68E-04        | 3.47E-03        | 1.01E-02        | 8.43E-05                         | 1.83E-04          | 2.59E-05         | 1.04E-03          | 0.00E+00                |
| Maine                                                                                           | Knox                 | 23013      | R                    | 6.77E-05                                                               | 1.03E-04        | 1.05E-04        | 2.46E-04        | 5.45E-04        | 1.07E-03        | 1.37E-03        | 1.70E-03        | 1.13E-07                         | 5.32E-05          | 1.47E-05         | 4.77E-04          | 0.00E+00                |
| Maine                                                                                           | Lincoln              | 23015      | R                    | 5.67E-05                                                               | 6.58E-05        | 8.20E-05        | 1.19E-04        | 1.22E-04        | 1.51E-04        | 1.92E-04        | 2.04E-04        | 0.00E+00                         | 5.82E-05          | 1.14E-05         | 5.22E-05          | 0.00E+00                |
| Maine                                                                                           | Oxford               | 23017      | R                    | 4.37E-05                                                               | 6.45E-05        | 8.87E-05        | 1.90E-04        | 4.17E-04        | 2.36E-04        | 7.92E-04        | 1.93E-03        | 2.07E-04                         | 2.03E-04          | 6.57E-06         | 9.05E-07          | 0.00E+00                |
| Maine                                                                                           | Penobscot            | 23019      | R                    | 6.48E-05                                                               | 1.11E-04        | 1.83E-04        | 3.96E-04        | 2.23E-03        | 2.51E-03        | 6.51E-03        | 8.34E-03        | 1.48E-04                         | 1.34E-04          | 3.77E-06         | 1.95E-03          | 0.00E+00                |
| Maine                                                                                           | Piscataquis          | 23021      | R                    | 2.75E-06                                                               | 2.75E-06        | 5.86E-06        | 8.93E-06        | 2.56E-05        | 2.62E-05        | 1.26E-04        | 1.26E-04        | 4.03E-06                         | 9.10E-06          | 2.02E-06         | 1.04E-05          | 0.00E+00                |
| Maine                                                                                           | Sagadahoc            | 23023      | R                    | 2.00E-04                                                               | 2.00E-04        | 3.13E-04        | 5.89E-04        | 5.26E-04        | 6.75E-04        | 8.53E-04        | 8.53E-04        | 3.03E-05                         | 1.92E-04          | 2.95E-05         | 2.74E-04          | 0.00E+00                |
| Maine                                                                                           | Somerset             | 23025      | R                    | 4.22E-06                                                               | 5.30E-06        | 2.44E-05        | 5.70E-05        | 8.18E-05        | 1.39E-04        | 1.96E-04        | 2.30E-04        | 1.71E-05                         | 3.97E-05          | 5.51E-06         | 1.94E-05          | 0.00E+00                |
| Maine                                                                                           | Waldo                | 23027      | R                    | 6.03E-05                                                               | 6.03E-05        | 1.23E-04        | 1.46E-04        | 1.65E-04        | 1.94E-04        | 3.55E-04        | 3.55E-04        | 1.47E-05                         | 2.60E-05          | 2.76E-06         | 1.21E-04          | 0.00E+00                |
| Maine                                                                                           | Washington           | 23029      | R                    | 8.82E-06                                                               | 8.84E-06        | 3.54E-05        | 6.94E-05        | 1.92E-04        | 1.62E-04        | 7.99E-04        | 9.22E-04        | 1.38E-04                         | 4.73E-05          | 2.80E-06         | 3.22E-06          | 0.00E+00                |
| Maine                                                                                           | York                 | 23031      | U                    | 3.20E-04                                                               | 3.36E-04        | 3.63E-04        | 4.98E-04        | 5.99E-04        | 7.37E-04        | 1.03E-03        | 1.03E-03        | 6.11E-05                         | 3.04E-04          | 8.05E-06         | 2.25E-04          | 0.00E+00                |
| <b>Maryland</b>                                                                                 | <b>Statewide</b>     | <b>N/A</b> | <b>N/A</b>           | <b>2.05E-04</b>                                                        | <b>3.77E-04</b> | <b>1.65E-03</b> | <b>3.42E-03</b> | <b>4.72E-03</b> | <b>5.71E-03</b> | <b>7.95E-03</b> | <b>1.04E-02</b> | <b>1.11E-04</b>                  | <b>1.32E-03</b>   | <b>8.23E-05</b>  | <b>3.20E-03</b>   | <b>0.00E+00</b>         |
| Maryland                                                                                        | All Urban Counties   | N/A        | U                    | 4.92E-04                                                               | 9.27E-04        | 2.35E-03        | 3.75E-03        | 5.20E-03        | 5.81E-03        | 8.35E-03        | 1.05E-02        | 1.23E-04                         | 1.46E-03          | 8.70E-05         | 3.53E-03          | 0.00E+00                |
| Maryland                                                                                        | All Rural Counties   | N/A        | R                    | 5.64E-05                                                               | 6.60E-05        | 1.23E-04        | 2.53E-04        | 6.36E-04        | 6.79E-04        | 1.58E-03        | 2.30E-03        | 1.31E-05                         | 1.49E-04          | 4.22E-05         | 4.32E-04          | 0.00E+00                |
| Maryland                                                                                        | Allegany             | 24001      | R                    | 7.22E-05                                                               | 7.56E-05        | 2.39E-04        | 5.65E-04        | 1.02E-03        | 1.58E-03        | 2.30E-03        | 3.25E-03        | 7.29E-06                         | 2.02E-04          | 1.29E-05         | 7.97E-04          | 0.00E+00                |
| Maryland                                                                                        | Anne Arundel         | 24003      | U                    | 1.14E-03                                                               | 1.62E-03        | 2.89E-03        | 6.44E-03        | 1.62E-02        | 1.52E-02        | 3.31E-02        | 6.96E-02        | 6.28E-05                         | 9.77E-04          | 6.36E-05         | 1.51E-02          | 0.00E+00                |
| Maryland                                                                                        | Baltimore            | 24005      | U                    | 1.38E-03                                                               | 1.67E-03        | 2.31E-03        | 3.25E-03        | 4.81E-03        | 5.43E-03        | 9.71E-03        | 1.28E-02        | 1.36E-04                         | 1.63E-03          | 8.23E-05         | 2.97E-03          | 0.00E+00                |
| Maryland                                                                                        | Calvert              | 24009      | U                    | 8.54E-05                                                               | 9.72E-05        | 1.21E-04        | 3.14E-04        | 3.58E-04        | 4.62E-04        | 8.62E-04        | 9.35E-04        | 1.71E-05                         | 1.71E-04          | 2.52E-05         | 1.45E-04          | 0.00E+00                |
| Maryland                                                                                        | Caroline             | 24011      | R                    | 4.14E-05                                                               | 4.14E-05        | 5.54E-05        | 6.06E-05        | 7.06E-05        | 7.40E-05        | 1.41E-04        | 1.41E-04        | 4.49E-06                         | 3.63E-05          | 2.32E-05         | 6.66E-06          | 0.00E+00                |
| Maryland                                                                                        | Carroll              | 24013      | U                    | 2.23E-04                                                               | 2.45E-04        | 2.85E-04        | 5.00E-04        | 1.75E-03        | 1.05E-03        | 6.31E-03        | 8.33E-03        | 3.01E-05                         | 1.43E-03          | 3.09E-05         | 2.61E-04          | 0.00E+00                |
| Maryland                                                                                        | Cecil                | 24015      | U                    | 4.15E-04                                                               | 4.63E-04        | 5.47E-04        | 7.58E-04        | 8.95E-04        | 9.26E-04        | 1.80E-03        | 2.25E-03        | 2.25E-04                         | 6.42E-04          | 2.10E-05         | 7.39E-06          | 0.00E+00                |
| Maryland                                                                                        | Charles              | 24017      | U                    | 6.81E-04                                                               | 8.06E-04        | 1.01E-03        | 1.29E-03        | 1.21E-03        | 1.48E-03        | 1.51E-03        | 1.65E-03        | 7.40E-05                         | 6.34E-04          | 3.80E-05         | 4.62E-04          | 0.00E+00                |
| Maryland                                                                                        | Dorchester           | 24019      | R                    | 5.35E-05                                                               | 5.35E-05        | 1.34E-04        | 1.53E-04        | 1.64E-04        | 2.24E-04        | 2.96E-04        | 2.96E-04        | 1.49E-05                         | 7.83E-05          | 3.73E-05         | 3.37E-05          | 0.00E+00                |
| Maryland                                                                                        | Frederick            | 24021      | U                    | 2.41E-04                                                               | 2.73E-04        | 1.38E-03        | 2.08E-03        | 1.91E-03        | 2.80E-03        | 3.24E-03        | 3.38E-03        | 6.61E-06                         | 4.55E-04          | 4.21E-05         | 1.40E-03          | 0.00E+00                |
| Maryland                                                                                        | Garrett              | 24023      | R                    | 5.63E-05                                                               | 5.63E-05        | 6.54E-05        | 7.92E-05        | 9.41E-05        | 8.69E-05        | 2.19E-04        | 2.19E-04        | 1.89E-05                         | 4.53E-05          | 1.33E-05         | 1.66E-05          | 0.00E+00                |
| Maryland                                                                                        | Harford              | 24025      | U                    | 4.22E-04                                                               | 4.69E-04        | 6.59E-04        | 8.99E-04        | 1.01E-03        | 1.35E-03        | 1.92E-03        | 2.05E-03        | 9.80E-05                         | 5.72E-04          | 4.05E-05         | 3.03E-04          | 0.00E+00                |
| Maryland                                                                                        | Howard               | 24027      | U                    | 1.65E-03                                                               | 2.17E-03        | 2.51E-03        | 3.70E-03        | 4.39E-03        | 5.28E-03        | 7.13E-03        | 1.01E-02        | 7.68E-05                         | 1.29E-03          | 6.70E-05         | 2.95E-03          | 0.00E+00                |
| Maryland                                                                                        | Kent                 | 24029      | R                    | 1.98E-04                                                               | 1.98E-04        | 6.79E-04        | 9.62E-04        | 2.32E-03        | 4.85E-03        | 4.93E-03        | 4.93E-03        | 1.06E-04                         | 5.75E-04          | 2.83E-05         | 1.62E-03          | 0.00E+00                |
| Maryland                                                                                        | Montgomery           | 24031      | U                    | 3.71E-03                                                               | 4.49E-03        | 5.33E-03        | 5.64E-03        | 5.59E-03        | 5.90E-03        | 6.64E-03        | 7.27E-03        | 1.30E-04                         | 1.27E-03          | 8.13E-05         | 4.11E-03          | 0.00E+00                |
| Maryland                                                                                        | Prince George's      | 24033      | U                    | 1.95E-03                                                               | 2.49E-03        | 2.74E-03        | 3.11E-03        | 3.31E-03        | 3.67E-03        | 4.69E-03        | 5.54E-03        | 8.93E-05                         | 1.27E-03          | 8.06E-05         | 1.86E-03          | 0.00E+00                |
| Maryland                                                                                        | Queen Anne's         | 24035      | U                    | 4.33E-05                                                               | 4.38E-05        | 5.70E-05        | 4.73E-04        | 7.56E-04        | 1.61E-03        | 1.65E-03        | 2.11E-03        | 2.75E-05                         | 1.92E-04          | 1.50E-05         | 5.21E-04          | 0.00E+00                |

| Estimated Annual Average Ambient Concentrations ( $\mu\text{g}/\text{m}^3$ ) for Lead Compounds |                    |       |                      |                                                                        |          |          |          |          |          |          |          |                                  |                   |                  |                   |                         |
|-------------------------------------------------------------------------------------------------|--------------------|-------|----------------------|------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------------------------------|-------------------|------------------|-------------------|-------------------------|
| State                                                                                           | County             | FIPS  | Urban<br>or<br>Rural | Percentile Distribution of Ambient Concentrations Across Census Tracts |          |          |          |          |          |          |          | Contribution to Average from ... |                   |                  |                   |                         |
|                                                                                                 |                    |       |                      | 5th                                                                    | 10th     | 25th     | Median   | Average  | 75th     | 90th     | 95th     | Major                            | Area and<br>Other | Onroad<br>Mobile | Nonroad<br>Mobile | Estimated<br>Background |
| Maryland                                                                                        | St. Mary's         | 24037 | R                    | 4.61E-05                                                               | 8.34E-05 | 1.20E-04 | 1.35E-04 | 1.77E-04 | 2.05E-04 | 2.50E-04 | 5.85E-04 | 1.29E-05                         | 8.73E-05          | 5.24E-05         | 2.45E-05          | 0.00E+00                |
| Maryland                                                                                        | Somerset           | 24039 | R                    | 9.12E-05                                                               | 9.12E-05 | 9.79E-05 | 1.55E-04 | 1.67E-04 | 2.04E-04 | 3.09E-04 | 3.09E-04 | 1.42E-06                         | 7.52E-05          | 2.62E-05         | 6.42E-05          | 0.00E+00                |
| Maryland                                                                                        | Talbot             | 24041 | R                    | 5.64E-05                                                               | 5.64E-05 | 7.13E-05 | 8.66E-05 | 2.93E-04 | 3.71E-04 | 8.84E-04 | 8.84E-04 | 7.60E-06                         | 2.28E-04          | 5.66E-05         | 0.00E+00          | 0.00E+00                |
| Maryland                                                                                        | Washington         | 24043 | U                    | 1.36E-04                                                               | 1.65E-04 | 4.81E-04 | 8.98E-04 | 9.36E-04 | 1.30E-03 | 1.83E-03 | 1.98E-03 | 6.35E-06                         | 2.56E-04          | 2.98E-05         | 6.44E-04          | 0.00E+00                |
| Maryland                                                                                        | Wicomico           | 24045 | R                    | 2.96E-04                                                               | 3.26E-04 | 7.93E-04 | 1.43E-03 | 1.50E-03 | 1.65E-03 | 2.47E-03 | 5.47E-03 | 6.35E-06                         | 2.14E-04          | 1.02E-04         | 1.18E-03          | 0.00E+00                |
| Maryland                                                                                        | Worcester          | 24047 | R                    | 2.08E-04                                                               | 2.18E-04 | 2.53E-04 | 3.00E-04 | 3.12E-04 | 3.82E-04 | 4.01E-04 | 4.01E-04 | 9.77E-06                         | 7.41E-05          | 4.51E-05         | 1.83E-04          | 0.00E+00                |
| Maryland                                                                                        | Baltimore City     | 24510 | U                    | 3.37E-03                                                               | 3.61E-03 | 4.23E-03 | 5.80E-03 | 6.15E-03 | 7.55E-03 | 9.29E-03 | 1.01E-02 | 2.26E-04                         | 2.61E-03          | 1.63E-04         | 3.16E-03          | 0.00E+00                |
| Massachusetts                                                                                   | Statewide          | N/A   | N/A                  | 4.92E-04                                                               | 7.81E-04 | 1.41E-03 | 2.45E-03 | 4.64E-03 | 5.33E-03 | 1.06E-02 | 1.36E-02 | 1.30E-04                         | 1.72E-03          | 6.81E-05         | 2.72E-03          | 0.00E+00                |
| Massachusetts                                                                                   | All Urban Counties | N/A   | U                    | 5.77E-04                                                               | 8.64E-04 | 1.53E-03 | 2.57E-03 | 4.77E-03 | 5.52E-03 | 1.07E-02 | 1.36E-02 | 1.00E-04                         | 1.83E-03          | 7.11E-05         | 2.76E-03          | 0.00E+00                |
| Massachusetts                                                                                   | All Rural Counties | N/A   | R                    | 3.21E-04                                                               | 3.91E-04 | 5.78E-04 | 8.98E-04 | 2.99E-03 | 1.97E-03 | 4.95E-03 | 1.00E-02 | 5.33E-04                         | 2.23E-04          | 2.83E-05         | 2.20E-03          | 0.00E+00                |
| Massachusetts                                                                                   | Barnstable         | 25001 | R                    | 5.78E-04                                                               | 6.63E-04 | 7.98E-04 | 1.00E-03 | 4.12E-03 | 2.47E-03 | 7.44E-03 | 1.61E-02 | 4.37E-05                         | 2.03E-04          | 2.37E-05         | 3.85E-03          | 0.00E+00                |
| Massachusetts                                                                                   | Berkshire          | 25003 | R                    | 1.84E-04                                                               | 3.15E-04 | 3.67E-04 | 4.90E-04 | 1.69E-03 | 1.29E-03 | 4.13E-03 | 6.16E-03 | 1.39E-03                         | 2.81E-04          | 1.54E-05         | 1.10E-05          | 0.00E+00                |
| Massachusetts                                                                                   | Bristol            | 25005 | U                    | 2.33E-03                                                               | 2.62E-03 | 3.32E-03 | 5.47E-03 | 6.43E-03 | 9.43E-03 | 1.19E-02 | 1.31E-02 | 7.39E-05                         | 4.67E-03          | 7.03E-05         | 1.61E-03          | 0.00E+00                |
| Massachusetts                                                                                   | Dukes              | 25007 | R                    | 5.96E-04                                                               | 5.96E-04 | 1.20E-03 | 1.87E-03 | 1.69E-03 | 2.17E-03 | 2.41E-03 | 2.41E-03 | 3.48E-05                         | 1.10E-04          | 8.87E-05         | 1.45E-03          | 0.00E+00                |
| Massachusetts                                                                                   | Essex              | 25009 | U                    | 9.27E-04                                                               | 1.26E-03 | 2.17E-03 | 3.02E-03 | 4.69E-03 | 5.84E-03 | 9.58E-03 | 1.27E-02 | 2.55E-04                         | 1.44E-03          | 6.71E-05         | 2.93E-03          | 0.00E+00                |
| Massachusetts                                                                                   | Franklin           | 25011 | U                    | 1.63E-04                                                               | 2.43E-04 | 2.54E-04 | 3.17E-04 | 4.42E-04 | 5.19E-04 | 9.24E-04 | 1.25E-03 | 8.49E-06                         | 1.66E-04          | 2.25E-04         | 4.27E-05          | 0.00E+00                |
| Massachusetts                                                                                   | Hampden            | 25013 | U                    | 5.50E-04                                                               | 6.40E-04 | 1.16E-03 | 1.74E-03 | 1.78E-03 | 2.13E-03 | 2.55E-03 | 2.94E-03 | 3.12E-05                         | 9.09E-04          | 6.84E-05         | 7.67E-04          | 0.00E+00                |
| Massachusetts                                                                                   | Hampshire          | 25015 | U                    | 2.18E-04                                                               | 3.17E-04 | 7.51E-04 | 1.24E-03 | 1.62E-03 | 1.50E-03 | 1.84E-03 | 4.25E-03 | 3.50E-05                         | 9.88E-04          | 6.03E-05         | 5.36E-04          | 0.00E+00                |
| Massachusetts                                                                                   | Middlesex          | 25017 | U                    | 1.16E-03                                                               | 1.35E-03 | 1.62E-03 | 1.92E-03 | 2.27E-03 | 2.53E-03 | 3.39E-03 | 3.91E-03 | 1.41E-04                         | 1.14E-03          | 7.35E-05         | 9.10E-04          | 0.00E+00                |
| Massachusetts                                                                                   | Nantucket          | 25019 | R                    | 6.56E-04                                                               | 6.56E-04 | 6.57E-04 | 7.23E-04 | 7.92E-04 | 9.27E-04 | 1.07E-03 | 1.07E-03 | 0.00E+00                         | 1.04E-04          | 1.36E-04         | 5.52E-04          | 0.00E+00                |
| Massachusetts                                                                                   | Norfolk            | 25021 | U                    | 2.17E-03                                                               | 2.62E-03 | 3.35E-03 | 4.64E-03 | 5.71E-03 | 6.49E-03 | 1.11E-02 | 1.45E-02 | 5.33E-05                         | 1.87E-03          | 6.11E-05         | 3.72E-03          | 0.00E+00                |
| Massachusetts                                                                                   | Plymouth           | 25023 | U                    | 7.55E-04                                                               | 8.49E-04 | 1.05E-03 | 1.88E-03 | 2.55E-03 | 4.43E-03 | 4.82E-03 | 5.14E-03 | 6.72E-05                         | 8.98E-04          | 4.10E-05         | 1.54E-03          | 0.00E+00                |
| Massachusetts                                                                                   | Suffolk            | 25025 | U                    | 3.92E-03                                                               | 4.72E-03 | 7.05E-03 | 9.91E-03 | 1.33E-02 | 1.36E-02 | 2.69E-02 | 3.46E-02 | 1.03E-04                         | 3.25E-03          | 1.20E-04         | 9.84E-03          | 0.00E+00                |
| Massachusetts                                                                                   | Worcester          | 25027 | U                    | 3.34E-04                                                               | 3.90E-04 | 6.25E-04 | 1.07E-03 | 1.37E-03 | 1.69E-03 | 2.58E-03 | 3.30E-03 | 1.47E-05                         | 1.19E-03          | 2.91E-05         | 1.38E-04          | 0.00E+00                |
| Michigan                                                                                        | Statewide          | N/A   | N/A                  | 3.68E-05                                                               | 1.01E-04 | 4.66E-04 | 1.86E-03 | 3.00E-03 | 3.69E-03 | 6.30E-03 | 9.25E-03 | 3.90E-04                         | 8.58E-04          | 4.75E-05         | 1.70E-03          | 0.00E+00                |
| Michigan                                                                                        | All Urban Counties | N/A   | U                    | 3.22E-04                                                               | 4.84E-04 | 1.13E-03 | 2.54E-03 | 3.73E-03 | 4.18E-03 | 7.23E-03 | 1.04E-02 | 5.00E-04                         | 1.01E-03          | 5.69E-05         | 2.16E-03          | 0.00E+00                |
| Michigan                                                                                        | All Rural Counties | N/A   | R                    | 1.64E-05                                                               | 2.18E-05 | 4.64E-05 | 1.49E-04 | 6.06E-04 | 4.58E-04 | 1.17E-03 | 1.82E-03 | 3.15E-05                         | 3.76E-04          | 1.68E-05         | 1.82E-04          | 0.00E+00                |
| Michigan                                                                                        | Alcona             | 26001 | R                    | 9.92E-06                                                               | 9.92E-06 | 1.42E-05 | 2.62E-05 | 2.49E-05 | 3.06E-05 | 4.23E-05 | 4.23E-05 | 1.89E-06                         | 9.03E-06          | 4.45E-06         | 9.55E-06          | 0.00E+00                |
| Michigan                                                                                        | Alger              | 26003 | R                    | 1.47E-05                                                               | 1.47E-05 | 1.47E-05 | 4.02E-05 | 3.37E-05 | 4.64E-05 | 4.64E-05 | 4.64E-05 | 1.91E-05                         | 1.25E-05          | 2.08E-06         | 4.59E-08          | 0.00E+00                |
| Michigan                                                                                        | Allegan            | 26005 | U                    | 1.54E-04                                                               | 1.97E-04 | 3.33E-04 | 4.97E-04 | 6.58E-04 | 9.64E-04 | 1.41E-03 | 1.65E-03 | 4.24E-06                         | 4.83E-04          | 7.45E-06         | 1.63E-04          | 0.00E+00                |
| Michigan                                                                                        | Alpena             | 26007 | R                    | 5.27E-05                                                               | 1.04E-04 | 2.51E-04 | 6.29E-04 | 5.83E-04 | 7.05E-04 | 1.08E-03 | 1.28E-03 | 4.20E-05                         | 1.37E-04          | 2.38E-05         | 3.80E-04          | 0.00E+00                |
| Michigan                                                                                        | Antrim             | 26009 | R                    | 2.03E-05                                                               | 2.03E-05 | 7.73E-05 | 1.14E-04 | 1.17E-04 | 1.40E-04 | 2.47E-04 | 2.47E-04 | 3.20E-07                         | 2.13E-05          | 1.02E-05         | 8.55E-05          | 0.00E+00                |
| Michigan                                                                                        | Arenac             | 26011 | R                    | 2.83E-05                                                               | 2.83E-05 | 3.21E-05 | 3.35E-05 | 4.90E-05 | 4.64E-05 | 1.04E-04 | 1.04E-04 | 6.20E-06                         | 3.27E-05          | 6.22E-06         | 3.80E-06          | 0.00E+00                |
| Michigan                                                                                        | Baraga             | 26013 | R                    | 2.48E-05                                                               | 2.48E-05 | 2.48E-05 | 2.93E-05 | 2.93E-05 | 3.38E-05 | 3.38E-05 | 3.38E-05 | 0.00E+00                         | 1.04E-05          | 3.44E-06         | 1.54E-05          | 0.00E+00                |
| Michigan                                                                                        | Barry              | 26015 | R                    | 1.61E-04                                                               | 1.90E-04 | 2.55E-04 | 3.79E-04 | 3.65E-04 | 4.16E-04 | 5.49E-04 | 5.84E-04 | 1.47E-05                         | 1.55E-04          | 1.57E-05         | 1.80E-04          | 0.00E+00                |
| Michigan                                                                                        | Bay                | 26017 | U                    | 2.39E-04                                                               | 3.04E-04 | 5.74E-04 | 7.36E-04 | 6.94E-04 | 8.38E-04 | 9.15E-04 | 9.58E-04 | 3.68E-04                         | 2.01E-04          | 1.24E-05         | 1.13E-04          | 0.00E+00                |
| Michigan                                                                                        | Benzie             | 26019 | R                    | 4.86E-05                                                               | 4.86E-05 | 5.28E-05 | 5.49E-05 | 5.91E-05 | 6.55E-05 | 7.36E-05 | 7.36E-05 | 0.00E+00                         | 2.79E-05          | 9.33E-06         | 2.18E-05          | 0.00E+00                |
| Michigan                                                                                        | Berrien            | 26021 | R                    | 1.49E-04                                                               | 3.43E-04 | 4.15E-04 | 6.47E-04 | 8.63E-04 | 1.17E-03 | 1.83E-03 | 2.10E-03 | 1.23E-04                         | 3.02E-04          | 1.50E-05         | 4.23E-04          | 0.00E+00                |
| Michigan                                                                                        | Branch             | 26023 | R                    | 6.01E-05                                                               | 6.42E-05 | 8.31E-05 | 1.06E-04 | 1.35E-04 | 1.82E-04 | 2.41E-04 | 3.12E-04 | 1.89E-06                         | 1.00E-04          | 3.08E-05         | 2.45E-06          | 0.00E+00                |
| Michigan                                                                                        | Calhoun            | 26025 | U                    | 1.21E-04                                                               | 1.29E-04 | 2.63E-04 | 3.67E-04 | 3.82E-04 | 4.52E-04 | 5.54E-04 | 8.78E-04 | 6.44E-05                         | 2.70E-04          | 1.62E-05         | 3.12E-05          | 0.00E+00                |
| Michigan                                                                                        | Cass               | 26027 | R                    | 3.37E-04                                                               | 4.22E-04 | 6.50E-04 | 8.13E-04 | 9.77E-04 | 1.24E-03 | 1.69E-03 | 2.21E-03 | 3.07E-04                         | 3.78E-04          | 2.65E-05         | 2.66E-04          | 0.00E+00                |
| Michigan                                                                                        | Charlevoix         | 26029 | R                    | 2.20E-05                                                               | 2.51E-05 | 4.58E-05 | 6.56E-05 | 8.40E-05 | 1.10E-04 | 1.70E-04 | 2.33E-04 | 5.98E-07                         | 5.08E-05          | 1.65E-05         | 1.62E-05          | 0.00E+00                |
| Michigan                                                                                        | Cheboygan          | 26031 | R                    | 6.69E-05                                                               | 6.69E-05 | 9.30E-05 | 1.07E-04 | 1.14E-04 | 1.36E-04 | 1.71E-04 | 1.71E-04 | 1.81E-07                         | 2.71E-05          | 1.02E-05         | 7.68E-05          | 0.00E+00                |
| Michigan                                                                                        | Chippewa           | 26033 | R                    | 5.05E-06                                                               | 7.78E-05 | 8.73E-05 | 1.15E-04 | 1.51E-03 | 2.51E-04 | 2.19E-03 | 1.46E-02 | 5.88E-08                         | 3.81E-05          | 1.72E-05         | 1.45E-03          | 0.00E+00                |
| Michigan                                                                                        | Clare              | 26035 | R                    | 2.28E-05                                                               | 2.59E-05 | 2.73E-05 | 3.76E-05 | 4.35E-05 | 5.14E-05 | 5.87E-05 | 1.09E-04 | 0.00E+00                         | 3.28E-05          | 1.07E-05         | 0.00E+00          | 0.00E+00                |
| Michigan                                                                                        | Clinton            | 26037 | U                    | 8.14E-04                                                               | 9.47E-04 | 1.11E-03 | 1.63E-03 | 2.35E-03 | 3.22E-03 | 5.64E-03 | 5.99E-03 | 9.06E-06                         | 1.95E-03          | 1.06E-05         | 3.79E-04          | 0.00E+00                |
| Michigan                                                                                        | Crawford           | 26039 | R                    | 1.58E-05                                                               | 1.58E-05 | 2.15E-05 | 2.66E-05 | 2.90E-05 | 3.70E-05 | 4.43E-05 | 4.43E-05 | 1.59E-06                         | 1.81E-05          | 9.33E-06         | 7.04E-11          | 0.00E+00                |
| Michigan                                                                                        | Delta              | 26041 | R                    | 5.95E-05                                                               | 1.75E-04 | 2.36E-04 | 6.22E-04 | 9.48E-04 | 1.38E-03 | 1.91E-03 | 3.31E-03 | 2.13E-04                         | 1.05E-04          | 1.80E-05         | 6.12E-04          | 0.00E+00                |
| Michigan                                                                                        | Dickinson          | 26043 | U                    | 1.07E-04                                                               | 1.07E-04 | 4.29E-04 | 1.61E-03 | 1.70E-03 | 2.64E-03 | 3.67E-03 | 3.67E-03 | 7.58E-04                         | 2.62E-04          | 1.79E-05         | 6.64E-04          | 0.00E+00                |
| Michigan                                                                                        | Eaton              | 26045 | U                    | 2.34E-04                                                               | 3.12E-04 | 4.87E-04 | 8.84E-04 | 9.98E-04 | 1.42E-03 | 1.94E-03 | 2.10E-03 | 1.43E-05                         | 7.77E-04          | 1.38E-05         | 1.93E-04          | 0.00E+00                |

| Estimated Annual Average Ambient Concentrations ( $\mu\text{g}/\text{m}^3$ ) for Lead Compounds |                |       |                      |                                                                        |          |          |          |          |          |          |          |                                  |                   |                  |                   |                         |
|-------------------------------------------------------------------------------------------------|----------------|-------|----------------------|------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------------------------------|-------------------|------------------|-------------------|-------------------------|
| State                                                                                           | County         | FIPS  | Urban<br>or<br>Rural | Percentile Distribution of Ambient Concentrations Across Census Tracts |          |          |          |          |          |          |          | Contribution to Average from ... |                   |                  |                   |                         |
|                                                                                                 |                |       |                      | 5th                                                                    | 10th     | 25th     | Median   | Average  | 75th     | 90th     | 95th     | Major                            | Area and<br>Other | Onroad<br>Mobile | Nonroad<br>Mobile | Estimated<br>Background |
| Michigan                                                                                        | Emmet          | 26047 | R                    | 9.64E-05                                                               | 9.64E-05 | 1.41E-04 | 1.67E-04 | 2.53E-04 | 2.34E-04 | 8.43E-04 | 8.43E-04 | 3.26E-07                         | 8.12E-05          | 1.92E-05         | 1.52E-04          | 0.00E+00                |
| Michigan                                                                                        | Genesee        | 26049 | U                    | 3.15E-04                                                               | 3.67E-04 | 4.71E-04 | 5.84E-04 | 6.36E-04 | 7.24E-04 | 8.38E-04 | 9.54E-04 | 6.19E-05                         | 3.53E-04          | 4.47E-05         | 1.76E-04          | 0.00E+00                |
| Michigan                                                                                        | Gladwin        | 26051 | R                    | 3.32E-05                                                               | 3.32E-05 | 5.06E-05 | 9.61E-05 | 8.88E-05 | 1.26E-04 | 1.46E-04 | 1.46E-04 | 4.53E-06                         | 7.13E-05          | 9.02E-06         | 3.99E-06          | 0.00E+00                |
| Michigan                                                                                        | Gogebic        | 26053 | R                    | 9.68E-06                                                               | 9.68E-06 | 6.56E-05 | 2.03E-04 | 1.93E-04 | 2.81E-04 | 4.42E-04 | 4.42E-04 | 3.97E-08                         | 5.81E-05          | 9.44E-06         | 1.26E-04          | 0.00E+00                |
| Michigan                                                                                        | Grand Traverse | 26055 | R                    | 1.34E-04                                                               | 1.81E-04 | 2.21E-04 | 7.00E-04 | 2.12E-03 | 1.64E-03 | 9.66E-03 | 1.23E-02 | 0.00E+00                         | 1.94E-04          | 3.34E-05         | 1.89E-03          | 0.00E+00                |
| Michigan                                                                                        | Gratiot        | 26057 | R                    | 1.72E-04                                                               | 1.72E-04 | 2.36E-04 | 3.36E-04 | 3.24E-04 | 4.02E-04 | 4.44E-04 | 4.44E-04 | 1.48E-05                         | 2.73E-04          | 2.11E-05         | 1.48E-05          | 0.00E+00                |
| Michigan                                                                                        | Hillsdale      | 26059 | R                    | 6.48E-05                                                               | 6.93E-05 | 8.89E-05 | 1.08E-04 | 1.59E-04 | 2.29E-04 | 2.70E-04 | 4.12E-04 | 7.82E-06                         | 1.32E-04          | 1.96E-05         | 2.21E-08          | 0.00E+00                |
| Michigan                                                                                        | Houghton       | 26061 | R                    | 4.12E-05                                                               | 4.46E-05 | 1.44E-04 | 3.01E-04 | 3.05E-04 | 3.86E-04 | 6.10E-04 | 7.89E-04 | 0.00E+00                         | 9.59E-05          | 1.65E-05         | 1.92E-04          | 0.00E+00                |
| Michigan                                                                                        | Huron          | 26063 | R                    | 1.56E-05                                                               | 1.65E-05 | 1.87E-05 | 2.19E-05 | 3.52E-05 | 3.39E-05 | 9.85E-05 | 9.86E-05 | 2.37E-06                         | 2.54E-05          | 7.39E-06         | 0.00E+00          | 0.00E+00                |
| Michigan                                                                                        | Ingham         | 26065 | U                    | 3.56E-04                                                               | 6.92E-04 | 1.14E-03 | 1.79E-03 | 2.14E-03 | 2.96E-03 | 4.35E-03 | 5.01E-03 | 2.41E-05                         | 1.70E-03          | 2.67E-05         | 3.89E-04          | 0.00E+00                |
| Michigan                                                                                        | Ionia          | 26067 | R                    | 9.88E-04                                                               | 1.14E-03 | 1.33E-03 | 3.43E-03 | 9.19E-03 | 1.25E-02 | 3.37E-02 | 3.37E-02 | 3.00E-06                         | 8.89E-03          | 3.03E-05         | 2.66E-04          | 0.00E+00                |
| Michigan                                                                                        | Iosco          | 26069 | R                    | 1.32E-05                                                               | 1.60E-05 | 1.65E-05 | 1.97E-05 | 2.95E-05 | 4.75E-05 | 5.50E-05 | 5.68E-05 | 0.00E+00                         | 1.89E-05          | 1.06E-05         | 0.00E+00          | 0.00E+00                |
| Michigan                                                                                        | Iron           | 26071 | R                    | 2.50E-05                                                               | 2.50E-05 | 3.08E-05 | 3.68E-05 | 4.39E-05 | 5.66E-05 | 7.03E-05 | 7.03E-05 | 4.37E-06                         | 3.40E-05          | 4.86E-06         | 7.25E-07          | 0.00E+00                |
| Michigan                                                                                        | Isabella       | 26073 | R                    | 5.47E-05                                                               | 5.57E-05 | 7.78E-05 | 1.57E-04 | 2.57E-04 | 3.48E-04 | 4.46E-04 | 1.02E-03 | 3.48E-06                         | 2.18E-04          | 3.40E-05         | 1.79E-06          | 0.00E+00                |
| Michigan                                                                                        | Jackson        | 26075 | R                    | 1.51E-04                                                               | 1.62E-04 | 2.95E-04 | 7.17E-04 | 1.14E-03 | 1.27E-03 | 2.22E-03 | 3.48E-03 | 5.55E-06                         | 1.11E-03          | 1.83E-05         | 2.00E-06          | 0.00E+00                |
| Michigan                                                                                        | Kalamazoo      | 26077 | U                    | 2.50E-04                                                               | 2.98E-04 | 4.50E-04 | 7.76E-04 | 1.08E-03 | 1.32E-03 | 2.06E-03 | 3.70E-03 | 2.06E-05                         | 5.23E-04          | 2.73E-05         | 5.07E-04          | 0.00E+00                |
| Michigan                                                                                        | Kalkaska       | 26079 | R                    | 5.36E-05                                                               | 5.36E-05 | 5.68E-05 | 6.55E-05 | 7.98E-05 | 9.71E-05 | 1.26E-04 | 1.26E-04 | 1.93E-07                         | 1.58E-05          | 8.14E-06         | 5.56E-05          | 0.00E+00                |
| Michigan                                                                                        | Kent           | 26081 | U                    | 8.16E-04                                                               | 1.06E-03 | 1.36E-03 | 1.67E-03 | 2.17E-03 | 2.11E-03 | 3.71E-03 | 4.46E-03 | 7.85E-06                         | 5.90E-04          | 2.94E-05         | 1.54E-03          | 0.00E+00                |
| Michigan                                                                                        | Keweenaw       | 26083 | R                    | 1.53E-09                                                               | 1.53E-09 | 1.53E-09 | 1.47E-05 | 2.99E-05 | 7.50E-05 | 7.50E-05 | 7.50E-05 | 0.00E+00                         | 4.45E-06          | 1.71E-06         | 2.37E-05          | 0.00E+00                |
| Michigan                                                                                        | Lake           | 26085 | R                    | 9.26E-06                                                               | 9.26E-06 | 1.06E-05 | 1.17E-05 | 1.20E-05 | 1.36E-05 | 1.45E-05 | 1.45E-05 | 0.00E+00                         | 6.64E-06          | 4.73E-06         | 6.04E-07          | 0.00E+00                |
| Michigan                                                                                        | Lapeer         | 26087 | U                    | 5.81E-05                                                               | 9.11E-05 | 1.43E-04 | 2.30E-04 | 2.82E-04 | 4.05E-04 | 5.73E-04 | 6.44E-04 | 9.43E-05                         | 1.56E-04          | 1.63E-05         | 1.53E-05          | 0.00E+00                |
| Michigan                                                                                        | Leelanau       | 26089 | R                    | 5.07E-05                                                               | 5.07E-05 | 8.24E-05 | 1.70E-04 | 1.79E-04 | 2.84E-04 | 3.16E-04 | 3.16E-04 | 3.48E-08                         | 2.81E-05          | 1.06E-05         | 1.40E-04          | 0.00E+00                |
| Michigan                                                                                        | Lenawee        | 26091 | U                    | 1.29E-04                                                               | 1.64E-04 | 2.12E-04 | 3.42E-04 | 3.40E-04 | 4.27E-04 | 4.94E-04 | 6.70E-04 | 2.86E-05                         | 2.23E-04          | 3.28E-05         | 5.50E-05          | 0.00E+00                |
| Michigan                                                                                        | Livingston     | 26093 | U                    | 1.67E-04                                                               | 1.69E-04 | 1.86E-04 | 2.54E-04 | 6.16E-04 | 1.34E-03 | 1.52E-03 | 1.60E-03 | 8.60E-06                         | 2.51E-04          | 2.29E-05         | 3.34E-04          | 0.00E+00                |
| Michigan                                                                                        | Luce           | 26095 | R                    | 1.86E-05                                                               | 1.86E-05 | 1.86E-05 | 1.93E-05 | 1.93E-05 | 2.00E-05 | 2.00E-05 | 2.00E-05 | 1.21E-06                         | 1.55E-05          | 2.39E-06         | 1.96E-07          | 0.00E+00                |
| Michigan                                                                                        | Mackinac       | 26097 | R                    | 1.81E-05                                                               | 1.81E-05 | 7.13E-05 | 9.31E-05 | 9.86E-05 | 1.07E-04 | 2.08E-04 | 2.08E-04 | 4.78E-08                         | 1.12E-05          | 2.79E-06         | 8.45E-05          | 0.00E+00                |
| Michigan                                                                                        | Macomb         | 26099 | U                    | 1.67E-03                                                               | 1.78E-03 | 2.05E-03 | 2.25E-03 | 2.87E-03 | 2.94E-03 | 3.37E-03 | 4.60E-03 | 1.48E-03                         | 7.81E-04          | 6.60E-05         | 5.46E-04          | 0.00E+00                |
| Michigan                                                                                        | Manistee       | 26101 | R                    | 2.89E-05                                                               | 2.89E-05 | 5.11E-05 | 6.07E-05 | 9.93E-05 | 1.84E-04 | 2.23E-04 | 2.23E-04 | 0.00E+00                         | 4.91E-05          | 1.26E-05         | 3.77E-05          | 0.00E+00                |
| Michigan                                                                                        | Marquette      | 26103 | R                    | 5.24E-05                                                               | 7.62E-05 | 1.82E-04 | 4.75E-04 | 4.85E-04 | 7.19E-04 | 8.82E-04 | 9.11E-04 | 1.09E-05                         | 9.31E-05          | 1.90E-05         | 3.62E-04          | 0.00E+00                |
| Michigan                                                                                        | Mason          | 26105 | R                    | 2.05E-05                                                               | 2.05E-05 | 2.58E-05 | 2.80E-05 | 9.98E-05 | 1.81E-04 | 3.35E-04 | 3.35E-04 | 0.00E+00                         | 7.98E-05          | 1.70E-05         | 3.10E-06          | 0.00E+00                |
| Michigan                                                                                        | Mecosta        | 26107 | R                    | 2.29E-05                                                               | 2.38E-05 | 2.54E-05 | 4.97E-05 | 1.66E-04 | 1.48E-04 | 2.47E-04 | 1.13E-03 | 1.26E-07                         | 1.42E-04          | 2.39E-05         | 1.24E-11          | 0.00E+00                |
| Michigan                                                                                        | Menominee      | 26109 | R                    | 8.78E-05                                                               | 8.78E-05 | 8.93E-05 | 3.23E-04 | 1.54E-03 | 3.91E-03 | 4.90E-03 | 4.90E-03 | 2.65E-05                         | 1.49E-03          | 1.29E-05         | 1.26E-05          | 0.00E+00                |
| Michigan                                                                                        | Midland        | 26111 | U                    | 4.92E-04                                                               | 4.94E-04 | 7.21E-04 | 7.66E-04 | 8.59E-04 | 8.59E-04 | 1.51E-03 | 1.58E-03 | 1.72E-04                         | 6.38E-04          | 8.78E-06         | 4.06E-05          | 0.00E+00                |
| Michigan                                                                                        | Missaukee      | 26113 | R                    | 1.40E-05                                                               | 1.40E-05 | 1.56E-05 | 2.12E-05 | 2.46E-05 | 3.37E-05 | 4.21E-05 | 4.21E-05 | 2.79E-08                         | 1.72E-05          | 7.44E-06         | 0.00E+00          | 0.00E+00                |
| Michigan                                                                                        | Monroe         | 26115 | U                    | 7.20E-04                                                               | 8.97E-04 | 1.77E-03 | 2.90E-03 | 2.77E-03 | 3.34E-03 | 3.73E-03 | 6.69E-03 | 3.00E-04                         | 3.64E-04          | 2.61E-05         | 2.08E-03          | 0.00E+00                |
| Michigan                                                                                        | Montcalm       | 26117 | R                    | 1.32E-04                                                               | 1.34E-04 | 1.55E-04 | 2.53E-04 | 4.79E-04 | 4.58E-04 | 1.52E-03 | 1.69E-03 | 1.66E-06                         | 4.14E-04          | 1.75E-05         | 4.60E-05          | 0.00E+00                |
| Michigan                                                                                        | Montmorency    | 26119 | R                    | 2.14E-05                                                               | 2.14E-05 | 2.19E-05 | 2.33E-05 | 2.50E-05 | 2.45E-05 | 3.40E-05 | 3.40E-05 | 8.54E-07                         | 1.20E-05          | 4.53E-06         | 7.65E-06          | 0.00E+00                |
| Michigan                                                                                        | Muskegon       | 26121 | U                    | 2.17E-04                                                               | 2.41E-04 | 3.40E-04 | 5.06E-04 | 4.99E-04 | 6.18E-04 | 7.39E-04 | 8.10E-04 | 4.17E-05                         | 4.38E-04          | 1.67E-05         | 2.24E-06          | 0.00E+00                |
| Michigan                                                                                        | Newaygo        | 26123 | R                    | 2.16E-05                                                               | 2.59E-05 | 3.66E-05 | 7.42E-05 | 8.32E-05 | 1.34E-04 | 1.42E-04 | 1.55E-04 | 9.38E-06                         | 6.11E-05          | 1.26E-05         | 5.94E-08          | 0.00E+00                |
| Michigan                                                                                        | Oakland        | 26125 | U                    | 6.46E-04                                                               | 1.14E-03 | 1.84E-03 | 3.33E-03 | 2.96E-03 | 3.90E-03 | 4.25E-03 | 4.53E-03 | 4.76E-04                         | 8.39E-04          | 6.45E-05         | 1.58E-03          | 0.00E+00                |
| Michigan                                                                                        | Oceana         | 26127 | R                    | 3.09E-05                                                               | 3.09E-05 | 3.37E-05 | 4.33E-05 | 4.32E-05 | 5.00E-05 | 5.84E-05 | 5.84E-05 | 1.39E-05                         | 2.08E-05          | 8.36E-06         | 2.14E-07          | 0.00E+00                |
| Michigan                                                                                        | Ogemaw         | 26129 | R                    | 1.24E-05                                                               | 1.24E-05 | 1.39E-05 | 1.57E-05 | 2.58E-05 | 3.32E-05 | 6.88E-05 | 6.88E-05 | 5.98E-09                         | 1.89E-05          | 6.90E-06         | 0.00E+00          | 0.00E+00                |
| Michigan                                                                                        | Ontonagon      | 26131 | R                    | 5.15E-06                                                               | 5.15E-06 | 5.15E-06 | 5.17E-06 | 8.17E-06 | 1.42E-05 | 1.42E-05 | 1.42E-05 | 0.00E+00                         | 7.12E-06          | 1.05E-06         | 0.00E+00          | 0.00E+00                |
| Michigan                                                                                        | Osceola        | 26133 | R                    | 2.18E-05                                                               | 2.18E-05 | 2.24E-05 | 2.97E-05 | 2.82E-05 | 3.02E-05 | 3.52E-05 | 3.52E-05 | 0.00E+00                         | 1.97E-05          | 8.45E-06         | 0.00E+00          | 0.00E+00                |
| Michigan                                                                                        | Oscoda         | 26135 | R                    | 1.79E-05                                                               | 1.79E-05 | 2.01E-05 | 2.06E-05 | 2.23E-05 | 2.65E-05 | 2.66E-05 | 2.66E-05 | 8.98E-08                         | 1.64E-05          | 5.87E-06         | 2.37E-09          | 0.00E+00                |
| Michigan                                                                                        | Otsego         | 26137 | R                    | 2.95E-05                                                               | 2.95E-05 | 5.11E-05 | 6.62E-05 | 9.02E-05 | 6.80E-05 | 2.60E-04 | 2.60E-04 | 9.29E-07                         | 7.21E-05          | 1.72E-05         | 2.28E-08          | 0.00E+00                |
| Michigan                                                                                        | Ottawa         | 26139 | U                    | 8.53E-04                                                               | 8.66E-04 | 1.14E-03 | 2.16E-03 | 5.00E-03 | 4.99E-03 | 1.01E-02 | 3.42E-02 | 9.85E-06                         | 4.67E-03          | 2.66E-05         | 2.93E-04          | 0.00E+00                |
| Michigan                                                                                        | Presque Isle   | 26141 | R                    | 1.96E-05                                                               | 1.96E-05 | 2.24E-05 | 5.11E-05 | 6.35E-05 | 9.45E-05 | 1.53E-04 | 1.53E-04 | 3.79E-06                         | 9.53E-06          | 5.19E-06         | 4.50E-05          | 0.00E+00                |
| Michigan                                                                                        | Roscommon      | 26143 | R                    | 1.03E-05                                                               | 1.09E-05 | 1.21E-05 | 2.04E-05 | 2.34E-05 | 3.73E-05 | 3.75E-05 | 4.32E-05 | 1.54E-07                         | 1.29E-05          | 1.04E-05         | 0.00E+00          | 0.00E+00                |
| Michigan                                                                                        | Saginaw        | 26145 | U                    | 4.01E-04                                                               | 4.73E-04 | 8.56E-04 | 1.60E-03 | 2.32E-03 | 2.67E-03 | 5.17E-03 | 6.97E-03 | 1.87E-03                         | 2.79E-04          | 1.47E-05         | 1.58E-04          | 0.00E+00                |

| Estimated Annual Average Ambient Concentrations (µg/m <sup>3</sup> ) for Lead Compounds |                    |       |                      |                                                                        |          |          |          |          |          |          |          |                                  |                   |                  |                   |                         |
|-----------------------------------------------------------------------------------------|--------------------|-------|----------------------|------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------------------------------|-------------------|------------------|-------------------|-------------------------|
| State                                                                                   | County             | FIPS  | Urban<br>or<br>Rural | Percentile Distribution of Ambient Concentrations Across Census Tracts |          |          |          |          |          |          |          | Contribution to Average from ... |                   |                  |                   |                         |
|                                                                                         |                    |       |                      | 5th                                                                    | 10th     | 25th     | Median   | Average  | 75th     | 90th     | 95th     | Major                            | Area and<br>Other | Onroad<br>Mobile | Nonroad<br>Mobile | Estimated<br>Background |
| Michigan                                                                                | St. Clair          | 26147 | U                    | 6.17E-04                                                               | 6.91E-04 | 7.84E-04 | 9.15E-04 | 1.14E-03 | 1.28E-03 | 1.95E-03 | 2.59E-03 | 9.85E-04                         | 1.40E-04          | 1.45E-05         | 4.24E-06          | 0.00E+00                |
| Michigan                                                                                | St. Joseph         | 26149 | R                    | 1.21E-04                                                               | 1.26E-04 | 2.45E-04 | 5.32E-04 | 5.86E-04 | 8.84E-04 | 1.18E-03 | 1.46E-03 | 5.67E-05                         | 4.77E-04          | 3.89E-05         | 1.30E-05          | 0.00E+00                |
| Michigan                                                                                | Sanilac            | 26151 | R                    | 1.78E-05                                                               | 2.23E-05 | 2.33E-05 | 3.06E-05 | 3.18E-05 | 4.18E-05 | 4.37E-05 | 4.47E-05 | 1.08E-06                         | 2.27E-05          | 7.91E-06         | 7.98E-08          | 0.00E+00                |
| Michigan                                                                                | Schoolcraft        | 26153 | R                    | 1.65E-05                                                               | 1.65E-05 | 1.65E-05 | 3.27E-05 | 4.13E-05 | 7.47E-05 | 7.47E-05 | 7.47E-05 | 1.48E-07                         | 3.27E-05          | 3.73E-06         | 4.75E-06          | 0.00E+00                |
| Michigan                                                                                | Shiawassee         | 26155 | R                    | 2.50E-04                                                               | 2.77E-04 | 3.17E-04 | 4.41E-04 | 4.14E-04 | 4.76E-04 | 5.67E-04 | 5.78E-04 | 9.12E-06                         | 3.25E-04          | 3.89E-05         | 4.12E-05          | 0.00E+00                |
| Michigan                                                                                | Tuscola            | 26157 | R                    | 6.10E-05                                                               | 6.39E-05 | 9.37E-05 | 2.58E-04 | 2.52E-04 | 3.70E-04 | 3.89E-04 | 5.48E-04 | 1.34E-04                         | 8.52E-05          | 1.45E-05         | 1.89E-05          | 0.00E+00                |
| Michigan                                                                                | Van Buren          | 26159 | U                    | 8.15E-05                                                               | 1.05E-04 | 1.25E-04 | 1.79E-04 | 2.13E-04 | 2.25E-04 | 3.59E-04 | 7.17E-04 | 8.98E-06                         | 1.33E-04          | 2.46E-05         | 4.69E-05          | 0.00E+00                |
| Michigan                                                                                | Washtenaw          | 26161 | U                    | 7.85E-04                                                               | 1.78E-03 | 2.75E-03 | 3.65E-03 | 4.04E-03 | 5.68E-03 | 6.27E-03 | 7.98E-03 | 1.02E-04                         | 1.01E-03          | 4.25E-05         | 2.89E-03          | 0.00E+00                |
| Michigan                                                                                | Wayne              | 26163 | U                    | 2.13E-03                                                               | 2.34E-03 | 3.36E-03 | 4.69E-03 | 7.02E-03 | 7.68E-03 | 1.21E-02 | 1.70E-02 | 5.72E-04                         | 1.47E-03          | 9.30E-05         | 4.89E-03          | 0.00E+00                |
| Michigan                                                                                | Wexford            | 26165 | R                    | 3.02E-05                                                               | 3.02E-05 | 6.24E-05 | 1.52E-04 | 1.92E-04 | 2.63E-04 | 5.49E-04 | 5.49E-04 | 0.00E+00                         | 1.54E-04          | 2.60E-05         | 1.16E-05          | 0.00E+00                |
| Minnesota                                                                               | Statewide          | N/A   | N/A                  | 1.59E-05                                                               | 2.97E-05 | 1.44E-04 | 1.72E-03 | 3.95E-03 | 5.76E-03 | 9.04E-03 | 1.25E-02 | 2.20E-04                         | 2.57E-03          | 3.85E-05         | 1.12E-03          | 0.00E+00                |
| Minnesota                                                                               | All Urban Counties | N/A   | U                    | 8.44E-05                                                               | 2.08E-04 | 8.35E-04 | 4.36E-03 | 5.52E-03 | 7.13E-03 | 1.08E-02 | 1.47E-02 | 2.89E-04                         | 3.61E-03          | 5.21E-05         | 1.57E-03          | 0.00E+00                |
| Minnesota                                                                               | All Rural Counties | N/A   | R                    | 9.53E-06                                                               | 1.31E-05 | 2.39E-05 | 7.38E-05 | 1.99E-04 | 1.78E-04 | 4.38E-04 | 7.94E-04 | 5.48E-05                         | 9.78E-05          | 6.01E-06         | 4.04E-05          | 0.00E+00                |
| Minnesota                                                                               | Aitkin             | 27001 | R                    | 5.51E-06                                                               | 5.51E-06 | 8.82E-06 | 2.87E-05 | 3.61E-05 | 4.18E-05 | 1.46E-04 | 1.46E-04 | 1.41E-05                         | 1.07E-05          | 2.06E-06         | 9.17E-06          | 0.00E+00                |
| Minnesota                                                                               | Anoka              | 27003 | U                    | 6.59E-04                                                               | 1.09E-03 | 1.70E-03 | 2.46E-03 | 2.57E-03 | 3.22E-03 | 4.20E-03 | 4.94E-03 | 1.63E-04                         | 1.78E-03          | 5.22E-05         | 5.70E-04          | 0.00E+00                |
| Minnesota                                                                               | Becker             | 27005 | R                    | 9.91E-06                                                               | 1.67E-05 | 4.44E-05 | 1.03E-04 | 1.36E-04 | 1.57E-04 | 3.38E-04 | 3.45E-04 | 1.65E-06                         | 1.28E-04          | 6.25E-06         | 0.00E+00          | 0.00E+00                |
| Minnesota                                                                               | Beltrami           | 27007 | R                    | 1.31E-05                                                               | 1.31E-05 | 2.66E-05 | 4.45E-05 | 3.99E-04 | 5.95E-04 | 1.43E-03 | 1.43E-03 | 2.04E-06                         | 1.69E-04          | 1.01E-05         | 2.18E-04          | 0.00E+00                |
| Minnesota                                                                               | Benton             | 27009 | U                    | 1.98E-04                                                               | 1.98E-04 | 2.20E-04 | 3.63E-04 | 3.95E-04 | 5.36E-04 | 6.90E-04 | 6.90E-04 | 1.32E-04                         | 1.22E-04          | 3.44E-06         | 1.38E-04          | 0.00E+00                |
| Minnesota                                                                               | Big Stone          | 27011 | R                    | 8.05E-06                                                               | 8.05E-06 | 8.05E-06 | 1.48E-05 | 2.10E-05 | 4.01E-05 | 4.01E-05 | 4.01E-05 | 3.04E-06                         | 1.55E-05          | 2.38E-06         | 0.00E+00          | 0.00E+00                |
| Minnesota                                                                               | Blue Earth         | 27013 | U                    | 1.54E-04                                                               | 1.64E-04 | 2.22E-04 | 4.59E-04 | 4.80E-04 | 6.86E-04 | 7.94E-04 | 1.00E-03 | 3.74E-07                         | 3.80E-04          | 2.69E-05         | 7.20E-05          | 0.00E+00                |
| Minnesota                                                                               | Brown              | 27015 | U                    | 3.11E-05                                                               | 3.11E-05 | 3.70E-05 | 7.22E-05 | 2.04E-04 | 4.13E-04 | 4.15E-04 | 4.15E-04 | 7.36E-08                         | 1.78E-04          | 1.78E-05         | 8.06E-06          | 0.00E+00                |
| Minnesota                                                                               | Carlton            | 27017 | R                    | 2.58E-05                                                               | 2.58E-05 | 3.68E-05 | 1.20E-04 | 2.01E-04 | 4.15E-04 | 4.65E-04 | 4.65E-04 | 7.84E-05                         | 9.69E-05          | 8.57E-06         | 1.69E-05          | 0.00E+00                |
| Minnesota                                                                               | Carver             | 27019 | U                    | 1.41E-04                                                               | 6.27E-04 | 1.07E-03 | 2.10E-03 | 1.94E-03 | 2.47E-03 | 3.30E-03 | 3.83E-03 | 2.60E-05                         | 1.30E-03          | 2.34E-05         | 5.90E-04          | 0.00E+00                |
| Minnesota                                                                               | Cass               | 27021 | R                    | 7.19E-06                                                               | 9.53E-06 | 1.31E-05 | 2.07E-05 | 2.83E-05 | 4.29E-05 | 4.82E-05 | 5.50E-05 | 2.74E-06                         | 1.14E-05          | 2.94E-06         | 1.12E-05          | 0.00E+00                |
| Minnesota                                                                               | Chippewa           | 27023 | R                    | 1.01E-05                                                               | 1.01E-05 | 1.50E-05 | 2.21E-05 | 4.64E-05 | 9.24E-05 | 9.26E-05 | 9.26E-05 | 5.22E-07                         | 3.95E-05          | 6.38E-06         | 0.00E+00          | 0.00E+00                |
| Minnesota                                                                               | Chisago            | 27025 | U                    | 5.97E-05                                                               | 5.97E-05 | 7.67E-05 | 1.75E-04 | 2.36E-04 | 3.75E-04 | 4.64E-04 | 4.64E-04 | 8.18E-06                         | 2.19E-04          | 8.41E-06         | 2.95E-07          | 0.00E+00                |
| Minnesota                                                                               | Clay               | 27027 | U                    | 4.54E-05                                                               | 7.17E-05 | 1.17E-04 | 2.96E-04 | 3.72E-04 | 6.30E-04 | 7.18E-04 | 1.02E-03 | 5.96E-06                         | 2.80E-04          | 7.77E-06         | 7.83E-05          | 0.00E+00                |
| Minnesota                                                                               | Clearwater         | 27029 | R                    | 2.86E-05                                                               | 2.86E-05 | 2.86E-05 | 4.54E-05 | 4.50E-05 | 6.09E-05 | 6.09E-05 | 6.09E-05 | 1.02E-06                         | 1.49E-05          | 1.94E-06         | 2.71E-05          | 0.00E+00                |
| Minnesota                                                                               | Cook               | 27031 | R                    | 5.18E-06                                                               | 5.18E-06 | 7.81E-06 | 1.72E-05 | 2.06E-05 | 3.52E-05 | 3.78E-05 | 3.78E-05 | 1.40E-05                         | 5.69E-06          | 6.75E-07         | 2.45E-07          | 0.00E+00                |
| Minnesota                                                                               | Cottonwood         | 27033 | R                    | 1.44E-05                                                               | 1.44E-05 | 1.45E-05 | 1.82E-05 | 2.10E-05 | 2.74E-05 | 3.31E-05 | 3.31E-05 | 1.54E-07                         | 1.58E-05          | 2.89E-06         | 2.08E-06          | 0.00E+00                |
| Minnesota                                                                               | Crow Wing          | 27035 | R                    | 3.43E-05                                                               | 4.34E-05 | 5.93E-05 | 8.30E-05 | 1.72E-04 | 1.73E-04 | 5.72E-04 | 6.29E-04 | 0.00E+00                         | 6.20E-05          | 1.09E-05         | 9.88E-05          | 0.00E+00                |
| Minnesota                                                                               | Dakota             | 27037 | U                    | 5.70E-03                                                               | 6.20E-03 | 1.07E-02 | 1.47E-02 | 2.00E-02 | 1.79E-02 | 3.42E-02 | 3.93E-02 | 3.87E-04                         | 1.69E-02          | 5.16E-05         | 2.57E-03          | 0.00E+00                |
| Minnesota                                                                               | Dodge              | 27039 | R                    | 9.20E-05                                                               | 9.20E-05 | 9.27E-05 | 1.05E-04 | 1.38E-04 | 1.33E-04 | 2.67E-04 | 2.67E-04 | 5.30E-05                         | 5.76E-05          | 6.15E-06         | 2.11E-05          | 0.00E+00                |
| Minnesota                                                                               | Douglas            | 27041 | R                    | 1.01E-04                                                               | 1.01E-04 | 1.23E-04 | 1.95E-04 | 3.73E-04 | 3.16E-04 | 1.37E-03 | 1.37E-03 | 2.48E-05                         | 3.39E-04          | 9.00E-06         | 0.00E+00          | 0.00E+00                |
| Minnesota                                                                               | Faribault          | 27043 | R                    | 1.69E-05                                                               | 1.69E-05 | 4.42E-05 | 5.74E-05 | 6.04E-05 | 7.27E-05 | 1.14E-04 | 1.14E-04 | 1.36E-07                         | 3.26E-05          | 3.98E-06         | 2.36E-05          | 0.00E+00                |
| Minnesota                                                                               | Fillmore           | 27045 | R                    | 2.34E-05                                                               | 2.34E-05 | 2.76E-05 | 8.44E-05 | 9.36E-05 | 1.62E-04 | 1.80E-04 | 1.80E-04 | 3.61E-05                         | 3.03E-05          | 3.85E-06         | 2.34E-05          | 0.00E+00                |
| Minnesota                                                                               | Freeborn           | 27047 | U                    | 2.11E-05                                                               | 2.24E-05 | 2.96E-05 | 1.03E-04 | 1.13E-04 | 1.88E-04 | 2.29E-04 | 2.50E-04 | 1.11E-07                         | 9.29E-05          | 1.70E-05         | 2.60E-06          | 0.00E+00                |
| Minnesota                                                                               | Goodhue            | 27049 | R                    | 2.16E-04                                                               | 2.16E-04 | 2.54E-04 | 9.39E-04 | 1.18E-03 | 1.89E-03 | 3.29E-03 | 3.29E-03 | 4.98E-04                         | 5.94E-04          | 9.45E-06         | 7.93E-05          | 0.00E+00                |
| Minnesota                                                                               | Grant              | 27051 | R                    | 5.59E-05                                                               | 5.59E-05 | 5.59E-05 | 1.07E-04 | 1.07E-04 | 1.58E-04 | 1.58E-04 | 1.58E-04 | 5.58E-05                         | 4.19E-05          | 2.09E-06         | 7.38E-06          | 0.00E+00                |
| Minnesota                                                                               | Hennepin           | 27053 | U                    | 2.89E-03                                                               | 3.47E-03 | 4.44E-03 | 6.04E-03 | 7.42E-03 | 7.96E-03 | 1.13E-02 | 1.55E-02 | 1.71E-04                         | 3.91E-03          | 7.99E-05         | 3.26E-03          | 0.00E+00                |
| Minnesota                                                                               | Houston            | 27055 | R                    | 3.47E-05                                                               | 3.47E-05 | 4.55E-05 | 6.08E-05 | 9.80E-05 | 8.35E-05 | 3.03E-04 | 3.03E-04 | 1.81E-05                         | 4.79E-05          | 6.98E-06         | 2.51E-05          | 0.00E+00                |
| Minnesota                                                                               | Hubbard            | 27057 | R                    | 1.53E-05                                                               | 1.53E-05 | 2.01E-05 | 6.24E-05 | 1.42E-04 | 3.35E-04 | 3.35E-04 | 3.35E-04 | 1.00E-06                         | 1.09E-04          | 4.48E-06         | 2.72E-05          | 0.00E+00                |
| Minnesota                                                                               | Isanti             | 27059 | U                    | 4.87E-05                                                               | 4.87E-05 | 6.05E-05 | 1.42E-04 | 1.42E-04 | 2.15E-04 | 2.45E-04 | 2.45E-04 | 2.04E-05                         | 1.11E-04          | 6.71E-06         | 4.07E-06          | 0.00E+00                |
| Minnesota                                                                               | Itasca             | 27061 | R                    | 5.82E-06                                                               | 7.32E-05 | 1.35E-04 | 1.59E-04 | 3.20E-04 | 3.20E-04 | 7.13E-04 | 1.50E-03 | 9.61E-05                         | 1.16E-04          | 4.36E-06         | 1.03E-04          | 0.00E+00                |
| Minnesota                                                                               | Jackson            | 27063 | R                    | 2.37E-05                                                               | 2.37E-05 | 2.67E-05 | 3.13E-05 | 4.67E-05 | 6.68E-05 | 1.01E-04 | 1.01E-04 | 2.46E-07                         | 2.92E-05          | 4.24E-06         | 1.30E-05          | 0.00E+00                |
| Minnesota                                                                               | Kanabec            | 27065 | R                    | 1.66E-05                                                               | 1.66E-05 | 2.12E-05 | 2.93E-05 | 5.33E-05 | 8.54E-05 | 1.38E-04 | 1.38E-04 | 0.00E+00                         | 4.69E-05          | 6.45E-06         | 0.00E+00          | 0.00E+00                |
| Minnesota                                                                               | Kandiyohi          | 27067 | R                    | 1.93E-05                                                               | 2.33E-05 | 2.70E-05 | 4.11E-05 | 1.19E-04 | 1.81E-04 | 3.67E-04 | 3.80E-04 | 3.66E-07                         | 1.02E-04          | 1.67E-05         | 0.00E+00          | 0.00E+00                |
| Minnesota                                                                               | Kittson            | 27069 | R                    | 7.71E-06                                                               | 7.71E-06 | 7.71E-06 | 9.01E-06 | 9.01E-06 | 1.03E-05 | 1.03E-05 | 1.03E-05 | 5.83E-06                         | 2.55E-06          | 6.27E-07         | 0.00E+00          | 0.00E+00                |
| Minnesota                                                                               | Koochiching        | 27071 | U                    | 1.91E-05                                                               | 1.91E-05 | 2.93E-05 | 1.52E-04 | 1.11E-03 | 1.78E-03 | 4.51E-03 | 4.51E-03 | 2.27E-06                         | 9.78E-05          | 5.85E-06         | 1.00E-03          | 0.00E+00                |
| Minnesota                                                                               | Lac qui Parle      | 27073 | R                    | 1.12E-05                                                               | 1.12E-05 | 1.17E-05 | 1.42E-05 | 1.99E-05 | 2.81E-05 | 4.01E-05 | 4.01E-05 | 2.23E-06                         | 1.53E-05          | 2.39E-06         | 0.00E+00          | 0.00E+00                |

| Estimated Annual Average Ambient Concentrations ( $\mu\text{g}/\text{m}^3$ ) for Lead Compounds |                   |       |                      |                                                                        |          |          |          |          |          |          |          |                                  |                   |                  |                   |                         |
|-------------------------------------------------------------------------------------------------|-------------------|-------|----------------------|------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------------------------------|-------------------|------------------|-------------------|-------------------------|
| State                                                                                           | County            | FIPS  | Urban<br>or<br>Rural | Percentile Distribution of Ambient Concentrations Across Census Tracts |          |          |          |          |          |          |          | Contribution to Average from ... |                   |                  |                   |                         |
|                                                                                                 |                   |       |                      | 5th                                                                    | 10th     | 25th     | Median   | Average  | 75th     | 90th     | 95th     | Major                            | Area and<br>Other | Onroad<br>Mobile | Nonroad<br>Mobile | Estimated<br>Background |
| Minnesota                                                                                       | Lake              | 27075 | R                    | 2.16E-05                                                               | 2.16E-05 | 3.77E-05 | 9.76E-05 | 1.20E-04 | 2.03E-04 | 2.64E-04 | 2.64E-04 | 7.92E-05                         | 3.18E-05          | 1.91E-06         | 7.45E-06          | 0.00E+00                |
| Minnesota                                                                                       | Lake of the Woods | 27077 | R                    | 3.17E-06                                                               | 3.17E-06 | 3.17E-06 | 4.18E-06 | 4.20E-06 | 5.24E-06 | 5.24E-06 | 5.24E-06 | 0.00E+00                         | 3.45E-06          | 7.45E-07         | 0.00E+00          | 0.00E+00                |
| Minnesota                                                                                       | Le Sueur          | 27079 | R                    | 5.83E-05                                                               | 5.83E-05 | 9.76E-05 | 1.73E-04 | 2.84E-04 | 5.32E-04 | 6.71E-04 | 6.71E-04 | 2.56E-07                         | 2.27E-04          | 7.28E-06         | 4.93E-05          | 0.00E+00                |
| Minnesota                                                                                       | Lincoln           | 27081 | R                    | 2.31E-05                                                               | 2.31E-05 | 2.31E-05 | 2.69E-05 | 2.69E-05 | 3.06E-05 | 3.06E-05 | 3.06E-05 | 0.00E+00                         | 1.39E-05          | 2.05E-06         | 1.09E-05          | 0.00E+00                |
| Minnesota                                                                                       | Lyon              | 27083 | R                    | 1.86E-05                                                               | 1.86E-05 | 4.35E-05 | 1.05E-04 | 2.74E-04 | 5.31E-04 | 8.34E-04 | 8.34E-04 | 2.84E-08                         | 1.10E-04          | 1.20E-05         | 1.53E-04          | 0.00E+00                |
| Minnesota                                                                                       | McLeod            | 27085 | U                    | 2.21E-05                                                               | 2.21E-05 | 6.58E-05 | 1.02E-04 | 1.37E-04 | 2.26E-04 | 2.49E-04 | 2.49E-04 | 3.99E-05                         | 7.84E-05          | 1.83E-05         | 3.29E-08          | 0.00E+00                |
| Minnesota                                                                                       | Mahnomen          | 27087 | R                    | 9.62E-06                                                               | 9.62E-06 | 9.62E-06 | 1.18E-05 | 1.18E-05 | 1.40E-05 | 1.40E-05 | 1.40E-05 | 0.00E+00                         | 1.04E-05          | 1.41E-06         | 0.00E+00          | 0.00E+00                |
| Minnesota                                                                                       | Marshall          | 27089 | R                    | 8.98E-06                                                               | 8.98E-06 | 1.04E-05 | 1.31E-05 | 1.55E-05 | 2.05E-05 | 2.66E-05 | 2.66E-05 | 3.00E-06                         | 5.20E-06          | 1.05E-06         | 6.20E-06          | 0.00E+00                |
| Minnesota                                                                                       | Martin            | 27091 | R                    | 3.21E-05                                                               | 3.21E-05 | 6.32E-05 | 1.22E-04 | 2.73E-04 | 4.04E-04 | 8.97E-04 | 8.97E-04 | 6.18E-07                         | 4.05E-05          | 9.41E-06         | 2.23E-04          | 0.00E+00                |
| Minnesota                                                                                       | Meeker            | 27093 | R                    | 4.52E-05                                                               | 4.52E-05 | 9.18E-05 | 1.21E-04 | 1.28E-04 | 1.94E-04 | 1.94E-04 | 1.94E-04 | 2.43E-05                         | 8.76E-05          | 1.35E-05         | 2.60E-06          | 0.00E+00                |
| Minnesota                                                                                       | Mille Lacs        | 27095 | R                    | 1.82E-05                                                               | 1.82E-05 | 2.16E-05 | 1.12E-04 | 8.81E-05 | 1.19E-04 | 1.87E-04 | 1.87E-04 | 1.88E-05                         | 4.75E-05          | 7.22E-06         | 1.47E-05          | 0.00E+00                |
| Minnesota                                                                                       | Morrison          | 27097 | R                    | 3.66E-05                                                               | 3.66E-05 | 5.09E-05 | 6.48E-05 | 1.00E-04 | 1.38E-04 | 2.58E-04 | 2.58E-04 | 1.11E-06                         | 7.18E-05          | 8.34E-06         | 1.91E-05          | 0.00E+00                |
| Minnesota                                                                                       | Mower             | 27099 | U                    | 4.20E-05                                                               | 5.09E-05 | 8.25E-05 | 1.55E-04 | 1.58E-04 | 2.23E-04 | 2.94E-04 | 2.96E-04 | 9.24E-06                         | 1.15E-04          | 1.46E-05         | 1.88E-05          | 0.00E+00                |
| Minnesota                                                                                       | Murray            | 27101 | R                    | 1.31E-05                                                               | 1.31E-05 | 1.31E-05 | 2.39E-05 | 2.14E-05 | 2.73E-05 | 2.73E-05 | 2.73E-05 | 0.00E+00                         | 1.52E-05          | 3.22E-06         | 3.03E-06          | 0.00E+00                |
| Minnesota                                                                                       | Nicollet          | 27103 | U                    | 6.78E-05                                                               | 6.78E-05 | 1.34E-04 | 3.42E-04 | 3.36E-04 | 4.19E-04 | 7.14E-04 | 7.14E-04 | 2.43E-07                         | 2.32E-04          | 2.17E-05         | 8.27E-05          | 0.00E+00                |
| Minnesota                                                                                       | Nobles            | 27105 | U                    | 2.45E-05                                                               | 2.45E-05 | 3.20E-05 | 1.92E-04 | 2.26E-04 | 3.78E-04 | 5.39E-04 | 5.39E-04 | 0.00E+00                         | 8.78E-05          | 1.06E-05         | 1.28E-04          | 0.00E+00                |
| Minnesota                                                                                       | Norman            | 27107 | R                    | 7.78E-06                                                               | 7.78E-06 | 7.78E-06 | 2.44E-05 | 2.03E-05 | 2.87E-05 | 2.87E-05 | 2.87E-05 | 3.04E-06                         | 9.46E-06          | 1.16E-06         | 6.62E-06          | 0.00E+00                |
| Minnesota                                                                                       | Olmsted           | 27109 | U                    | 2.71E-04                                                               | 3.48E-04 | 8.28E-04 | 1.30E-03 | 3.19E-03 | 1.85E-03 | 7.22E-03 | 1.86E-02 | 2.65E-03                         | 3.24E-04          | 1.22E-05         | 2.00E-04          | 0.00E+00                |
| Minnesota                                                                                       | Otter Tail        | 27111 | R                    | 9.96E-05                                                               | 1.06E-04 | 1.68E-04 | 2.91E-04 | 7.12E-04 | 4.46E-03 | 2.66E-03 | 2.80E-03 | 5.00E-04                         | 1.78E-04          | 7.02E-06         | 2.69E-05          | 0.00E+00                |
| Minnesota                                                                                       | Pennington        | 27113 | U                    | 3.78E-05                                                               | 3.78E-05 | 9.73E-05 | 2.95E-04 | 2.19E-04 | 3.21E-04 | 3.42E-04 | 3.42E-04 | 0.00E+00                         | 1.04E-04          | 1.18E-05         | 1.03E-04          | 0.00E+00                |
| Minnesota                                                                                       | Pine              | 27115 | R                    | 9.84E-06                                                               | 9.84E-06 | 1.34E-05 | 1.62E-05 | 2.25E-05 | 2.10E-05 | 6.88E-05 | 6.88E-05 | 3.28E-07                         | 1.82E-05          | 3.94E-06         | 3.52E-10          | 0.00E+00                |
| Minnesota                                                                                       | Pipestone         | 27117 | R                    | 1.31E-05                                                               | 1.31E-05 | 1.55E-05 | 5.75E-05 | 8.27E-05 | 1.64E-04 | 1.64E-04 | 1.64E-04 | 0.00E+00                         | 6.81E-05          | 7.26E-06         | 7.33E-06          | 0.00E+00                |
| Minnesota                                                                                       | Polk              | 27119 | U                    | 1.00E-05                                                               | 1.02E-05 | 1.05E-05 | 9.39E-05 | 1.57E-04 | 3.11E-04 | 4.35E-04 | 4.36E-04 | 2.13E-05                         | 7.40E-05          | 7.01E-06         | 5.48E-05          | 0.00E+00                |
| Minnesota                                                                                       | Pope              | 27121 | R                    | 3.08E-05                                                               | 3.08E-05 | 4.05E-05 | 6.91E-05 | 8.18E-05 | 1.23E-04 | 1.58E-04 | 1.58E-04 | 4.40E-06                         | 7.37E-05          | 3.65E-06         | 0.00E+00          | 0.00E+00                |
| Minnesota                                                                                       | Ramsey            | 27123 | U                    | 3.31E-03                                                               | 3.63E-03 | 4.59E-03 | 5.79E-03 | 6.28E-03 | 7.37E-03 | 8.67E-03 | 1.19E-02 | 2.50E-04                         | 4.75E-03          | 7.85E-05         | 1.20E-03          | 0.00E+00                |
| Minnesota                                                                                       | Red Lake          | 27125 | R                    | 1.16E-05                                                               | 1.16E-05 | 1.16E-05 | 1.43E-05 | 1.43E-05 | 1.71E-05 | 1.71E-05 | 1.71E-05 | 0.00E+00                         | 4.70E-06          | 1.48E-06         | 8.14E-06          | 0.00E+00                |
| Minnesota                                                                                       | Redwood           | 27127 | R                    | 1.49E-05                                                               | 1.49E-05 | 1.59E-05 | 2.11E-05 | 4.40E-05 | 9.56E-05 | 9.56E-05 | 9.56E-05 | 2.77E-07                         | 3.57E-05          | 5.04E-06         | 2.96E-06          | 0.00E+00                |
| Minnesota                                                                                       | Renville          | 27129 | R                    | 1.31E-05                                                               | 1.31E-05 | 1.53E-05 | 1.61E-05 | 1.81E-05 | 1.85E-05 | 2.94E-05 | 2.94E-05 | 1.82E-06                         | 1.34E-05          | 2.86E-06         | 0.00E+00          | 0.00E+00                |
| Minnesota                                                                                       | Rice              | 27131 | U                    | 1.69E-04                                                               | 1.69E-04 | 4.41E-04 | 1.14E-03 | 1.53E-03 | 1.96E-03 | 3.69E-03 | 3.69E-03 | 4.60E-05                         | 1.26E-03          | 2.48E-05         | 1.99E-04          | 0.00E+00                |
| Minnesota                                                                                       | Rock              | 27133 | R                    | 6.71E-05                                                               | 6.71E-05 | 6.71E-05 | 1.21E-04 | 1.29E-04 | 1.99E-04 | 1.99E-04 | 1.99E-04 | 0.00E+00                         | 5.68E-05          | 6.33E-06         | 6.58E-05          | 0.00E+00                |
| Minnesota                                                                                       | Roseau            | 27135 | R                    | 3.68E-06                                                               | 3.68E-06 | 6.42E-06 | 6.98E-06 | 1.16E-05 | 1.30E-05 | 2.79E-05 | 2.79E-05 | 0.00E+00                         | 1.00E-05          | 1.58E-06         | 0.00E+00          | 0.00E+00                |
| Minnesota                                                                                       | St. Louis         | 27137 | U                    | 1.04E-04                                                               | 1.82E-04 | 4.52E-04 | 7.18E-04 | 1.09E-03 | 1.06E-03 | 2.41E-03 | 4.35E-03 | 6.92E-04                         | 1.54E-04          | 5.34E-06         | 2.42E-04          | 0.00E+00                |
| Minnesota                                                                                       | Scott             | 27139 | U                    | 8.04E-04                                                               | 8.37E-04 | 2.22E-03 | 3.18E-03 | 3.96E-03 | 4.77E-03 | 7.39E-03 | 1.21E-02 | 6.35E-05                         | 3.24E-03          | 2.68E-05         | 6.33E-04          | 0.00E+00                |
| Minnesota                                                                                       | Sherburne         | 27141 | U                    | 1.77E-04                                                               | 1.77E-04 | 1.79E-04 | 4.41E-04 | 1.02E-03 | 1.06E-03 | 4.12E-03 | 4.12E-03 | 1.23E-04                         | 5.58E-04          | 6.89E-06         | 3.30E-04          | 0.00E+00                |
| Minnesota                                                                                       | Sibley            | 27143 | R                    | 2.36E-05                                                               | 2.36E-05 | 3.71E-05 | 6.26E-05 | 5.63E-05 | 7.56E-05 | 7.66E-05 | 7.66E-05 | 1.41E-06                         | 3.60E-05          | 5.38E-06         | 1.35E-05          | 0.00E+00                |
| Minnesota                                                                                       | Stearns           | 27145 | R                    | 5.92E-05                                                               | 7.58E-05 | 9.39E-05 | 2.55E-04 | 4.07E-04 | 5.98E-04 | 1.11E-03 | 1.16E-03 | 7.43E-05                         | 2.12E-04          | 4.31E-06         | 1.17E-04          | 0.00E+00                |
| Minnesota                                                                                       | Steele            | 27147 | U                    | 2.64E-05                                                               | 2.64E-05 | 5.45E-05 | 1.64E-04 | 1.52E-04 | 2.29E-04 | 2.91E-04 | 2.91E-04 | 2.62E-06                         | 1.26E-04          | 2.24E-05         | 0.00E+00          | 0.00E+00                |
| Minnesota                                                                                       | Stevens           | 27149 | U                    | 1.30E-05                                                               | 1.30E-05 | 1.30E-05 | 2.35E-05 | 2.61E-05 | 4.19E-05 | 4.19E-05 | 4.19E-05 | 0.00E+00                         | 2.21E-05          | 4.02E-06         | 0.00E+00          | 0.00E+00                |
| Minnesota                                                                                       | Swift             | 27151 | R                    | 1.10E-05                                                               | 1.10E-05 | 1.21E-05 | 1.38E-05 | 2.59E-05 | 3.96E-05 | 6.49E-05 | 6.49E-05 | 6.71E-07                         | 2.17E-05          | 3.53E-06         | 0.00E+00          | 0.00E+00                |
| Minnesota                                                                                       | Todd              | 27153 | R                    | 1.29E-05                                                               | 1.29E-05 | 1.80E-05 | 4.67E-05 | 5.21E-05 | 8.29E-05 | 1.09E-04 | 1.09E-04 | 2.23E-06                         | 4.63E-05          | 3.65E-06         | 0.00E+00          | 0.00E+00                |
| Minnesota                                                                                       | Traverse          | 27155 | R                    | 5.05E-06                                                               | 5.05E-06 | 5.05E-06 | 7.88E-06 | 7.88E-06 | 1.07E-05 | 1.07E-05 | 1.07E-05 | 2.18E-06                         | 4.61E-06          | 1.09E-06         | 0.00E+00          | 0.00E+00                |
| Minnesota                                                                                       | Wabasha           | 27157 | R                    | 5.75E-05                                                               | 5.75E-05 | 8.83E-05 | 1.62E-04 | 1.67E-04 | 1.95E-04 | 3.34E-04 | 3.34E-04 | 1.01E-04                         | 4.62E-05          | 6.47E-06         | 1.30E-05          | 0.00E+00                |
| Minnesota                                                                                       | Wadena            | 27159 | R                    | 6.14E-05                                                               | 6.14E-05 | 6.30E-05 | 7.53E-05 | 8.92E-05 | 1.15E-04 | 1.45E-04 | 1.45E-04 | 0.00E+00                         | 8.12E-05          | 3.91E-06         | 4.01E-06          | 0.00E+00                |
| Minnesota                                                                                       | Waseca            | 27161 | R                    | 6.33E-05                                                               | 6.33E-05 | 9.93E-05 | 1.47E-04 | 1.96E-04 | 3.36E-04 | 3.37E-04 | 3.37E-04 | 2.01E-07                         | 1.43E-04          | 1.12E-05         | 4.22E-05          | 0.00E+00                |
| Minnesota                                                                                       | Washington        | 27163 | U                    | 3.02E-03                                                               | 3.98E-03 | 5.24E-03 | 6.08E-03 | 6.59E-03 | 8.55E-03 | 9.96E-03 | 1.03E-02 | 5.67E-04                         | 5.46E-03          | 3.98E-05         | 5.24E-04          | 0.00E+00                |
| Minnesota                                                                                       | Watsonwan         | 27165 | R                    | 5.44E-05                                                               | 5.44E-05 | 5.44E-05 | 7.79E-05 | 9.08E-05 | 1.40E-04 | 1.40E-04 | 1.40E-04 | 2.07E-07                         | 5.61E-05          | 5.67E-06         | 2.89E-05          | 0.00E+00                |
| Minnesota                                                                                       | Wilkin            | 27167 | R                    | 1.77E-04                                                               | 1.77E-04 | 1.77E-04 | 2.08E-04 | 2.08E-04 | 2.39E-04 | 2.39E-04 | 2.39E-04 | 1.51E-04                         | 3.63E-05          | 6.03E-06         | 1.41E-05          | 0.00E+00                |
| Minnesota                                                                                       | Winona            | 27169 | U                    | 6.85E-05                                                               | 9.16E-05 | 1.16E-04 | 2.16E-04 | 2.74E-04 | 4.12E-04 | 5.07E-04 | 6.00E-04 | 1.66E-05                         | 2.06E-04          | 2.59E-05         | 2.61E-05          | 0.00E+00                |
| Minnesota                                                                                       | Wright            | 27171 | U                    | 1.12E-04                                                               | 1.56E-04 | 2.68E-04 | 4.20E-04 | 4.01E-04 | 5.50E-04 | 6.17E-04 | 6.23E-04 | 1.62E-04                         | 1.73E-04          | 1.24E-05         | 5.27E-05          | 0.00E+00                |
| Minnesota                                                                                       | Yellow Medicine   | 27173 | R                    | 1.47E-05                                                               | 1.47E-05 | 1.58E-05 | 1.71E-05 | 1.77E-05 | 1.97E-05 | 2.19E-05 | 2.19E-05 | 2.60E-07                         | 1.16E-05          | 2.40E-06         | 3.52E-06          | 0.00E+00                |

| Estimated Annual Average Ambient Concentrations (µg/m <sup>3</sup> ) for Lead Compounds |                    |       |                      |                                                                        |          |          |          |          |          |          |          |                                  |                   |                  |                   |                         |
|-----------------------------------------------------------------------------------------|--------------------|-------|----------------------|------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------------------------------|-------------------|------------------|-------------------|-------------------------|
| State                                                                                   | County             | FIPS  | Urban<br>or<br>Rural | Percentile Distribution of Ambient Concentrations Across Census Tracts |          |          |          |          |          |          |          | Contribution to Average from ... |                   |                  |                   |                         |
|                                                                                         |                    |       |                      | 5th                                                                    | 10th     | 25th     | Median   | Average  | 75th     | 90th     | 95th     | Major                            | Area and<br>Other | Onroad<br>Mobile | Nonroad<br>Mobile | Estimated<br>Background |
| Mississippi                                                                             | Statewide          | N/A   | N/A                  | 2.36E-05                                                               | 3.36E-05 | 9.01E-05 | 2.56E-04 | 1.45E-03 | 7.60E-04 | 2.83E-03 | 4.77E-03 | 1.06E-04                         | 1.23E-03          | 1.85E-05         | 9.54E-05          | 0.00E+00                |
| Mississippi                                                                             | All Urban Counties | N/A   | U                    | 1.32E-04                                                               | 1.66E-04 | 3.03E-04 | 7.14E-04 | 2.73E-03 | 2.20E-03 | 4.77E-03 | 5.89E-03 | 1.81E-04                         | 2.34E-03          | 2.52E-05         | 1.82E-04          | 0.00E+00                |
| Mississippi                                                                             | All Rural Counties | N/A   | R                    | 1.60E-05                                                               | 2.39E-05 | 4.23E-05 | 1.07E-04 | 2.31E-04 | 2.25E-04 | 3.71E-04 | 6.16E-04 | 3.52E-05                         | 1.70E-04          | 1.22E-05         | 1.33E-05          | 0.00E+00                |
| Mississippi                                                                             | Adams              | 28001 | U                    | 3.39E-04                                                               | 5.78E-04 | 9.77E-04 | 1.94E-03 | 2.83E-03 | 4.84E-03 | 6.39E-03 | 7.45E-03 | 2.58E-03                         | 2.20E-04          | 3.02E-05         | 0.00E+00          | 0.00E+00                |
| Mississippi                                                                             | Alcorn             | 28003 | R                    | 2.00E-05                                                               | 2.00E-05 | 3.31E-05 | 6.40E-05 | 7.53E-05 | 2.10E-04 | 2.10E-04 | 1.88E-05 | 4.24E-05                         | 1.41E-05          | 0.00E+00         | 0.00E+00          | 0.00E+00                |
| Mississippi                                                                             | Amite              | 28005 | R                    | 2.20E-05                                                               | 2.20E-05 | 2.20E-05 | 6.03E-05 | 4.97E-05 | 6.68E-05 | 6.68E-05 | 6.68E-05 | 0.00E+00                         | 4.53E-05          | 4.44E-06         | 0.00E+00          | 0.00E+00                |
| Mississippi                                                                             | Attala             | 28007 | R                    | 1.44E-05                                                               | 1.44E-05 | 1.54E-05 | 5.43E-05 | 1.87E-04 | 4.90E-04 | 4.95E-04 | 4.95E-04 | 0.00E+00                         | 1.78E-04          | 9.55E-06         | 0.00E+00          | 0.00E+00                |
| Mississippi                                                                             | Benton             | 28009 | R                    | 1.01E-05                                                               | 1.01E-05 | 1.01E-05 | 1.16E-05 | 1.16E-05 | 1.31E-05 | 1.31E-05 | 1.31E-05 | 0.00E+00                         | 8.38E-06          | 3.18E-06         | 7.70E-08          | 0.00E+00                |
| Mississippi                                                                             | Bolivar            | 28011 | R                    | 2.36E-05                                                               | 2.36E-05 | 4.43E-05 | 5.59E-05 | 8.56E-05 | 1.69E-04 | 1.69E-04 | 1.69E-04 | 6.52E-06                         | 5.97E-05          | 1.91E-05         | 3.32E-07          | 0.00E+00                |
| Mississippi                                                                             | Calhoun            | 28013 | R                    | 4.48E-05                                                               | 4.48E-05 | 6.67E-05 | 1.70E-04 | 1.45E-04 | 2.10E-04 | 2.33E-04 | 2.33E-04 | 0.00E+00                         | 1.38E-04          | 7.05E-06         | 1.45E-07          | 0.00E+00                |
| Mississippi                                                                             | Carroll            | 28015 | R                    | 2.59E-05                                                               | 2.59E-05 | 2.59E-05 | 3.26E-05 | 3.26E-05 | 3.92E-05 | 3.92E-05 | 3.92E-05 | 0.00E+00                         | 2.87E-05          | 3.85E-06         | 0.00E+00          | 0.00E+00                |
| Mississippi                                                                             | Chickasaw          | 28017 | R                    | 3.71E-05                                                               | 3.71E-05 | 4.37E-05 | 5.70E-05 | 7.92E-05 | 1.15E-04 | 1.66E-04 | 1.66E-04 | 1.13E-07                         | 3.50E-05          | 8.40E-06         | 3.57E-05          | 0.00E+00                |
| Mississippi                                                                             | Choctaw            | 28019 | R                    | 7.22E-05                                                               | 7.22E-05 | 7.22E-05 | 1.08E-04 | 1.39E-04 | 2.38E-04 | 2.38E-04 | 2.38E-04 | 0.00E+00                         | 1.34E-04          | 5.76E-06         | 0.00E+00          | 0.00E+00                |
| Mississippi                                                                             | Claiborne          | 28021 | R                    | 3.68E-05                                                               | 3.68E-05 | 3.68E-05 | 1.37E-04 | 2.20E-04 | 4.86E-04 | 4.86E-04 | 4.86E-04 | 4.10E-05                         | 1.68E-04          | 1.02E-05         | 3.09E-07          | 0.00E+00                |
| Mississippi                                                                             | Clarke             | 28023 | R                    | 5.59E-05                                                               | 5.59E-05 | 6.41E-05 | 7.62E-05 | 7.98E-05 | 9.55E-05 | 1.11E-04 | 1.11E-04 | 5.12E-06                         | 6.81E-05          | 6.59E-06         | 0.00E+00          | 0.00E+00                |
| Mississippi                                                                             | Clay               | 28025 | R                    | 9.38E-05                                                               | 9.38E-05 | 1.29E-04 | 2.33E-04 | 2.46E-04 | 2.90E-04 | 4.83E-04 | 4.83E-04 | 3.14E-05                         | 9.40E-05          | 2.06E-05         | 9.98E-05          | 0.00E+00                |
| Mississippi                                                                             | Coahoma            | 28027 | U                    | 2.76E-05                                                               | 2.76E-05 | 3.40E-05 | 2.22E-04 | 1.76E-04 | 2.35E-04 | 4.58E-04 | 4.58E-04 | 0.00E+00                         | 1.52E-04          | 2.42E-05         | 2.57E-07          | 0.00E+00                |
| Mississippi                                                                             | Copiah             | 28029 | R                    | 8.57E-05                                                               | 8.57E-05 | 1.29E-04 | 2.60E-04 | 3.56E-04 | 6.16E-04 | 7.84E-04 | 7.84E-04 | 5.41E-05                         | 2.76E-04          | 1.46E-05         | 1.04E-05          | 0.00E+00                |
| Mississippi                                                                             | Covington          | 28031 | R                    | 6.18E-05                                                               | 6.18E-05 | 9.68E-05 | 1.32E-04 | 1.44E-04 | 1.90E-04 | 2.48E-04 | 2.48E-04 | 3.29E-05                         | 9.94E-05          | 8.40E-06         | 2.88E-06          | 0.00E+00                |
| Mississippi                                                                             | De Soto            | 28033 | U                    | 4.07E-04                                                               | 4.21E-04 | 5.37E-04 | 1.12E-03 | 1.05E-03 | 1.40E-03 | 1.93E-03 | 2.25E-03 | 3.05E-04                         | 3.16E-04          | 1.63E-05         | 4.17E-04          | 0.00E+00                |
| Mississippi                                                                             | Forrest            | 28035 | U                    | 2.31E-04                                                               | 2.77E-04 | 3.85E-04 | 5.15E-04 | 5.90E-04 | 7.59E-04 | 1.15E-03 | 1.26E-03 | 6.56E-05                         | 4.82E-04          | 1.50E-05         | 2.71E-05          | 0.00E+00                |
| Mississippi                                                                             | Franklin           | 28037 | R                    | 2.94E-05                                                               | 2.94E-05 | 2.94E-05 | 5.90E-05 | 5.90E-05 | 8.86E-05 | 8.86E-05 | 8.86E-05 | 3.04E-05                         | 2.51E-05          | 3.51E-06         | 0.00E+00          | 0.00E+00                |
| Mississippi                                                                             | George             | 28039 | R                    | 1.71E-04                                                               | 1.71E-04 | 1.71E-04 | 2.75E-04 | 2.69E-04 | 3.63E-04 | 3.63E-04 | 3.63E-04 | 1.29E-04                         | 7.97E-05          | 9.02E-06         | 5.20E-05          | 0.00E+00                |
| Mississippi                                                                             | Greene             | 28041 | R                    | 1.68E-04                                                               | 1.68E-04 | 1.68E-04 | 1.69E-04 | 1.69E-04 | 1.70E-04 | 1.70E-04 | 1.70E-04 | 4.29E-05                         | 1.23E-04          | 3.31E-06         | 2.87E-08          | 0.00E+00                |
| Mississippi                                                                             | Grenada            | 28043 | R                    | 6.87E-05                                                               | 6.87E-05 | 1.10E-04 | 1.17E-03 | 1.93E-03 | 1.73E-03 | 6.56E-03 | 6.56E-03 | 0.00E+00                         | 1.90E-03          | 2.55E-05         | 0.00E+00          | 0.00E+00                |
| Mississippi                                                                             | Hancock            | 28045 | U                    | 9.56E-05                                                               | 9.56E-05 | 1.32E-04 | 1.50E-04 | 1.47E-04 | 1.72E-04 | 1.80E-04 | 1.80E-04 | 3.87E-05                         | 4.43E-05          | 1.02E-05         | 5.34E-05          | 0.00E+00                |
| Mississippi                                                                             | Harrison           | 28047 | U                    | 2.14E-04                                                               | 2.30E-04 | 2.94E-04 | 3.51E-04 | 5.35E-04 | 5.83E-04 | 1.01E-03 | 1.42E-03 | 6.88E-05                         | 1.71E-04          | 2.40E-05         | 2.71E-04          | 0.00E+00                |
| Mississippi                                                                             | Hinds              | 28049 | U                    | 5.76E-04                                                               | 8.68E-04 | 1.28E-03 | 2.56E-03 | 2.74E-03 | 3.85E-03 | 5.26E-03 | 5.41E-03 | 2.21E-06                         | 2.60E-03          | 3.51E-05         | 1.00E-04          | 0.00E+00                |
| Mississippi                                                                             | Holmes             | 28051 | R                    | 1.45E-05                                                               | 1.45E-05 | 1.47E-05 | 1.65E-05 | 1.84E-05 | 2.31E-05 | 2.32E-05 | 2.32E-05 | 0.00E+00                         | 1.39E-05          | 4.50E-06         | 0.00E+00          | 0.00E+00                |
| Mississippi                                                                             | Humphreys          | 28053 | R                    | 5.17E-05                                                               | 5.17E-05 | 5.17E-05 | 7.10E-05 | 1.20E-04 | 2.37E-04 | 2.37E-04 | 2.37E-04 | 0.00E+00                         | 1.12E-04          | 8.20E-06         | 3.71E-08          | 0.00E+00                |
| Mississippi                                                                             | Issaquena          | 28055 | R                    | 1.35E-05                                                               | 1.35E-05 | 1.35E-05 | 1.35E-05 | 1.35E-05 | 1.35E-05 | 1.35E-05 | 1.35E-05 | 0.00E+00                         | 9.64E-06          | 3.17E-06         | 6.92E-07          | 0.00E+00                |
| Mississippi                                                                             | Itawamba           | 28057 | R                    | 3.03E-05                                                               | 3.03E-05 | 3.04E-05 | 4.34E-05 | 4.14E-05 | 4.50E-05 | 5.78E-05 | 5.78E-05 | 1.96E-07                         | 2.24E-05          | 9.07E-06         | 9.69E-06          | 0.00E+00                |
| Mississippi                                                                             | Jackson            | 28059 | U                    | 2.35E-04                                                               | 2.37E-04 | 4.15E-04 | 5.82E-04 | 5.57E-04 | 7.23E-04 | 7.94E-04 | 8.20E-04 | 2.86E-04                         | 1.63E-04          | 1.07E-05         | 9.67E-05          | 0.00E+00                |
| Mississippi                                                                             | Jasper             | 28061 | R                    | 3.48E-05                                                               | 3.48E-05 | 7.45E-05 | 1.16E-04 | 1.40E-04 | 2.05E-04 | 2.91E-04 | 2.91E-04 | 2.52E-05                         | 1.03E-04          | 7.34E-06         | 4.44E-06          | 0.00E+00                |
| Mississippi                                                                             | Jefferson          | 28063 | R                    | 1.19E-04                                                               | 1.19E-04 | 1.19E-04 | 1.20E-04 | 1.20E-04 | 1.21E-04 | 1.21E-04 | 1.21E-04 | 9.37E-05                         | 1.73E-05          | 8.98E-06         | 0.00E+00          | 0.00E+00                |
| Mississippi                                                                             | Jefferson Davis    | 28065 | R                    | 1.83E-04                                                               | 1.83E-04 | 1.83E-04 | 2.15E-04 | 2.15E-04 | 2.47E-04 | 2.47E-04 | 2.47E-04 | 1.19E-04                         | 8.82E-05          | 7.43E-06         | 7.95E-07          | 0.00E+00                |
| Mississippi                                                                             | Jones              | 28067 | R                    | 4.84E-05                                                               | 1.06E-04 | 1.11E-04 | 2.82E-04 | 2.94E-04 | 4.26E-04 | 6.30E-04 | 6.48E-04 | 1.24E-04                         | 1.15E-04          | 2.10E-05         | 3.33E-05          | 0.00E+00                |
| Mississippi                                                                             | Kemper             | 28069 | R                    | 1.00E-04                                                               | 1.00E-04 | 1.00E-04 | 1.06E-04 | 1.06E-04 | 1.12E-04 | 1.12E-04 | 1.12E-04 | 0.00E+00                         | 1.01E-04          | 5.47E-06         | 0.00E+00          | 0.00E+00                |
| Mississippi                                                                             | Lafayette          | 28071 | R                    | 4.23E-05                                                               | 4.23E-05 | 7.31E-05 | 1.04E-04 | 1.92E-04 | 2.95E-04 | 4.44E-04 | 4.44E-04 | 0.00E+00                         | 1.35E-04          | 1.51E-05         | 4.16E-05          | 0.00E+00                |
| Mississippi                                                                             | Lamar              | 28073 | R                    | 1.24E-04                                                               | 1.24E-04 | 1.36E-04 | 2.59E-04 | 2.52E-04 | 3.60E-04 | 3.74E-04 | 3.74E-04 | 4.59E-05                         | 1.94E-04          | 4.79E-06         | 6.79E-06          | 0.00E+00                |
| Mississippi                                                                             | Lauderdale         | 28075 | U                    | 1.51E-04                                                               | 1.55E-04 | 3.03E-04 | 1.51E-03 | 1.80E-03 | 3.08E-03 | 4.30E-03 | 4.70E-03 | 2.02E-05                         | 1.75E-03          | 3.22E-05         | 0.00E+00          | 0.00E+00                |
| Mississippi                                                                             | Lawrence           | 28077 | R                    | 2.64E-04                                                               | 2.64E-04 | 2.64E-04 | 3.64E-04 | 5.38E-04 | 9.87E-04 | 9.87E-04 | 9.87E-04 | 4.39E-04                         | 9.36E-05          | 6.09E-06         | 0.00E+00          | 0.00E+00                |
| Mississippi                                                                             | Leake              | 28079 | R                    | 1.47E-05                                                               | 1.47E-05 | 3.11E-05 | 3.32E-05 | 3.59E-05 | 4.66E-05 | 5.39E-05 | 5.39E-05 | 0.00E+00                         | 2.95E-05          | 6.39E-06         | 0.00E+00          | 0.00E+00                |
| Mississippi                                                                             | Lee                | 28081 | U                    | 1.50E-04                                                               | 1.53E-04 | 1.68E-04 | 3.58E-04 | 4.23E-04 | 6.55E-04 | 8.23E-04 | 8.91E-04 | 0.00E+00                         | 2.02E-04          | 3.16E-05         | 1.89E-04          | 0.00E+00                |
| Mississippi                                                                             | Leflore            | 28083 | R                    | 1.80E-05                                                               | 1.80E-05 | 2.71E-05 | 8.49E-05 | 1.09E-04 | 1.70E-04 | 2.91E-04 | 2.91E-04 | 0.00E+00                         | 8.89E-05          | 2.01E-05         | 3.74E-10          | 0.00E+00                |
| Mississippi                                                                             | Lincoln            | 28085 | R                    | 2.96E-05                                                               | 2.96E-05 | 3.90E-05 | 1.16E-04 | 1.49E-04 | 2.90E-04 | 3.04E-04 | 3.04E-04 | 4.31E-05                         | 8.44E-05          | 2.16E-05         | 0.00E+00          | 0.00E+00                |
| Mississippi                                                                             | Lowndes            | 28087 | R                    | 1.00E-04                                                               | 1.32E-04 | 1.51E-04 | 2.52E-04 | 2.67E-04 | 2.90E-04 | 3.86E-04 | 6.86E-04 | 5.23E-05                         | 9.18E-05          | 2.69E-05         | 9.61E-05          | 0.00E+00                |
| Mississippi                                                                             | Madison            | 28089 | U                    | 1.33E-04                                                               | 8.47E-04 | 2.13E-03 | 2.51E-03 | 2.97E-03 | 4.38E-03 | 4.77E-03 | 6.72E-03 | 0.00E+00                         | 2.52E-03          | 1.79E-05         | 4.33E-04          | 0.00E+00                |
| Mississippi                                                                             | Marion             | 28091 | R                    | 1.27E-04                                                               | 1.27E-04 | 2.59E-04 | 2.89E-04 | 2.79E-04 | 3.09E-04 | 4.01E-04 | 4.01E-04 | 1.66E-04                         | 9.66E-05          | 1.62E-05         | 5.51E-08          | 0.00E+00                |
| Mississippi                                                                             | Marshall           | 28093 | R                    | 2.63E-05                                                               | 2.63E-05 | 5.08E-05 | 1.18E-04 | 1.26E-04 | 1.29E-04 | 3.08E-04 | 3.08E-04 | 2.57E-05                         | 4.63E-05          | 7.12E-06         | 4.73E-05          | 0.00E+00                |

| Estimated Annual Average Ambient Concentrations (µg/m <sup>3</sup> ) for Lead Compounds |                    |       |                      |                                                                        |          |          |          |          |          |          |          |                                  |                   |                  |                   |                         |
|-----------------------------------------------------------------------------------------|--------------------|-------|----------------------|------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------------------------------|-------------------|------------------|-------------------|-------------------------|
| State                                                                                   | County             | FIPS  | Urban<br>or<br>Rural | Percentile Distribution of Ambient Concentrations Across Census Tracts |          |          |          |          |          |          |          | Contribution to Average from ... |                   |                  |                   |                         |
|                                                                                         |                    |       |                      | 5th                                                                    | 10th     | 25th     | Median   | Average  | 75th     | 90th     | 95th     | Major                            | Area and<br>Other | Onroad<br>Mobile | Nonroad<br>Mobile | Estimated<br>Background |
| Mississippi                                                                             | Monroe             | 28095 | R                    | 4.07E-05                                                               | 4.07E-05 | 7.58E-05 | 1.36E-04 | 1.16E-04 | 1.53E-04 | 1.60E-04 | 1.60E-04 | 2.26E-05                         | 5.47E-05          | 1.68E-05         | 2.20E-05          | 0.00E+00                |
| Mississippi                                                                             | Montgomery         | 28097 | R                    | 1.93E-05                                                               | 1.93E-05 | 1.93E-05 | 3.42E-05 | 3.69E-05 | 5.71E-05 | 5.71E-05 | 5.71E-05 | 0.00E+00                         | 3.15E-05          | 5.32E-06         | 0.00E+00          | 0.00E+00                |
| Mississippi                                                                             | Neshoba            | 28099 | R                    | 3.25E-05                                                               | 3.25E-05 | 3.40E-05 | 7.50E-05 | 1.02E-04 | 1.36E-04 | 2.89E-04 | 2.89E-04 | 0.00E+00                         | 9.12E-05          | 1.11E-05         | 0.00E+00          | 0.00E+00                |
| Mississippi                                                                             | Newton             | 28101 | R                    | 2.80E-05                                                               | 2.80E-05 | 3.04E-05 | 3.16E-05 | 4.80E-05 | 3.37E-05 | 1.16E-04 | 1.16E-04 | 0.00E+00                         | 4.00E-05          | 7.98E-06         | 0.00E+00          | 0.00E+00                |
| Mississippi                                                                             | Noxubee            | 28103 | R                    | 5.87E-05                                                               | 5.87E-05 | 5.87E-05 | 8.34E-05 | 1.18E-04 | 2.11E-04 | 2.11E-04 | 2.11E-04 | 7.79E-06                         | 7.42E-05          | 7.52E-06         | 2.83E-05          | 0.00E+00                |
| Mississippi                                                                             | Oktibbeha          | 28105 | U                    | 1.02E-04                                                               | 1.02E-04 | 1.24E-04 | 2.28E-04 | 2.75E-04 | 3.42E-04 | 6.47E-04 | 6.47E-04 | 8.69E-06                         | 1.58E-04          | 2.48E-05         | 8.37E-05          | 0.00E+00                |
| Mississippi                                                                             | Panola             | 28107 | R                    | 1.33E-05                                                               | 1.33E-05 | 1.36E-05 | 1.54E-05 | 3.21E-05 | 6.59E-05 | 6.88E-05 | 6.88E-05 | 0.00E+00                         | 2.39E-05          | 7.99E-06         | 1.78E-07          | 0.00E+00                |
| Mississippi                                                                             | Pearl River        | 28109 | R                    | 1.01E-04                                                               | 1.01E-04 | 1.40E-04 | 1.91E-04 | 1.88E-04 | 2.45E-04 | 2.61E-04 | 2.61E-04 | 7.72E-05                         | 9.69E-05          | 1.19E-05         | 1.92E-06          | 0.00E+00                |
| Mississippi                                                                             | Perry              | 28111 | R                    | 2.81E-04                                                               | 2.81E-04 | 2.81E-04 | 3.06E-04 | 3.06E-04 | 3.30E-04 | 3.30E-04 | 3.30E-04 | 1.96E-04                         | 1.04E-04          | 3.24E-06         | 2.24E-06          | 0.00E+00                |
| Mississippi                                                                             | Pike               | 28113 | R                    | 5.24E-05                                                               | 5.24E-05 | 5.79E-05 | 1.12E-04 | 1.70E-04 | 2.82E-04 | 4.45E-04 | 4.45E-04 | 0.00E+00                         | 1.38E-04          | 3.16E-05         | 0.00E+00          | 0.00E+00                |
| Mississippi                                                                             | Pontotoc           | 28115 | R                    | 3.55E-05                                                               | 3.55E-05 | 3.59E-05 | 3.75E-05 | 5.18E-05 | 4.35E-05 | 1.06E-04 | 1.06E-04 | 0.00E+00                         | 3.50E-05          | 9.85E-06         | 6.93E-06          | 0.00E+00                |
| Mississippi                                                                             | Prentiss           | 28117 | R                    | 2.79E-05                                                               | 2.79E-05 | 3.75E-05 | 5.99E-05 | 8.49E-05 | 1.29E-04 | 1.70E-04 | 1.70E-04 | 1.08E-06                         | 6.11E-05          | 1.50E-05         | 7.69E-06          | 0.00E+00                |
| Mississippi                                                                             | Quitman            | 28119 | R                    | 1.25E-05                                                               | 1.25E-05 | 1.25E-05 | 1.51E-05 | 5.24E-05 | 1.30E-04 | 1.30E-04 | 1.30E-04 | 0.00E+00                         | 4.58E-05          | 6.64E-06         | 1.59E-08          | 0.00E+00                |
| Mississippi                                                                             | Rankin             | 28121 | U                    | 7.94E-04                                                               | 8.99E-04 | 5.42E-03 | 1.12E-02 | 2.64E-02 | 2.60E-02 | 3.98E-02 | 2.17E-01 | 0.00E+00                         | 2.54E-02          | 1.94E-05         | 1.04E-03          | 0.00E+00                |
| Mississippi                                                                             | Scott              | 28123 | R                    | 7.99E-05                                                               | 7.99E-05 | 1.12E-04 | 2.01E-04 | 2.15E-04 | 2.91E-04 | 4.07E-04 | 4.07E-04 | 0.00E+00                         | 1.97E-04          | 1.03E-05         | 8.02E-06          | 0.00E+00                |
| Mississippi                                                                             | Sharkey            | 28125 | R                    | 2.43E-05                                                               | 2.43E-05 | 2.43E-05 | 4.65E-05 | 4.65E-05 | 6.88E-05 | 6.88E-05 | 6.88E-05 | 0.00E+00                         | 3.67E-05          | 9.51E-06         | 3.00E-07          | 0.00E+00                |
| Mississippi                                                                             | Simpson            | 28127 | R                    | 3.74E-04                                                               | 3.74E-04 | 8.19E-04 | 1.75E-03 | 1.59E-03 | 1.84E-03 | 3.16E-03 | 3.16E-03 | 1.85E-04                         | 1.34E-03          | 1.05E-05         | 5.36E-05          | 0.00E+00                |
| Mississippi                                                                             | Smith              | 28129 | R                    | 5.69E-05                                                               | 5.69E-05 | 5.69E-05 | 9.74E-05 | 1.25E-04 | 2.21E-04 | 2.21E-04 | 2.21E-04 | 1.37E-06                         | 1.15E-04          | 4.80E-06         | 4.04E-06          | 0.00E+00                |
| Mississippi                                                                             | Stone              | 28131 | R                    | 1.96E-04                                                               | 1.96E-04 | 1.96E-04 | 2.58E-04 | 2.58E-04 | 3.20E-04 | 3.20E-04 | 3.20E-04 | 1.37E-04                         | 1.06E-04          | 8.03E-06         | 6.63E-06          | 0.00E+00                |
| Mississippi                                                                             | Sunflower          | 28133 | R                    | 1.92E-05                                                               | 1.92E-05 | 2.14E-05 | 2.48E-05 | 6.00E-05 | 3.01E-05 | 2.40E-04 | 2.40E-04 | 0.00E+00                         | 4.92E-05          | 1.08E-05         | 1.25E-07          | 0.00E+00                |
| Mississippi                                                                             | Tallahatchie       | 28135 | R                    | 1.57E-05                                                               | 1.57E-05 | 1.73E-05 | 9.74E-05 | 9.68E-05 | 1.76E-04 | 1.77E-04 | 1.77E-04 | 0.00E+00                         | 8.48E-05          | 1.20E-05         | 0.00E+00          | 0.00E+00                |
| Mississippi                                                                             | Tate               | 28137 | R                    | 8.79E-05                                                               | 8.79E-05 | 9.30E-05 | 1.23E-04 | 1.32E-04 | 1.72E-04 | 1.96E-04 | 1.96E-04 | 1.81E-05                         | 4.63E-05          | 9.23E-06         | 5.88E-05          | 0.00E+00                |
| Mississippi                                                                             | Tippah             | 28139 | R                    | 1.92E-05                                                               | 1.92E-05 | 2.25E-05 | 4.22E-05 | 4.34E-05 | 6.43E-05 | 7.01E-05 | 7.01E-05 | 0.00E+00                         | 2.57E-05          | 1.16E-05         | 6.10E-06          | 0.00E+00                |
| Mississippi                                                                             | Tishomingo         | 28141 | R                    | 2.73E-05                                                               | 2.73E-05 | 3.33E-05 | 6.29E-05 | 6.08E-05 | 8.82E-05 | 8.99E-05 | 8.99E-05 | 2.10E-05                         | 3.07E-05          | 9.06E-06         | 0.00E+00          | 0.00E+00                |
| Mississippi                                                                             | Tunica             | 28143 | R                    | 3.17E-05                                                               | 3.17E-05 | 3.17E-05 | 1.26E-04 | 1.26E-04 | 2.21E-04 | 2.21E-04 | 2.21E-04 | 7.46E-05                         | 4.74E-05          | 4.05E-06         | 2.38E-07          | 0.00E+00                |
| Mississippi                                                                             | Union              | 28145 | R                    | 3.72E-05                                                               | 3.72E-05 | 3.82E-05 | 7.57E-05 | 7.73E-05 | 9.01E-05 | 1.47E-04 | 1.47E-04 | 0.00E+00                         | 4.34E-05          | 1.16E-05         | 2.23E-05          | 0.00E+00                |
| Mississippi                                                                             | Walthall           | 28147 | R                    | 1.99E-04                                                               | 1.99E-04 | 1.99E-04 | 2.11E-04 | 2.19E-04 | 2.48E-04 | 2.48E-04 | 2.48E-04 | 1.51E-04                         | 5.71E-05          | 1.10E-05         | 0.00E+00          | 0.00E+00                |
| Mississippi                                                                             | Warren             | 28149 | U                    | 2.28E-04                                                               | 2.85E-04 | 4.93E-04 | 7.11E-04 | 9.18E-04 | 1.39E-03 | 1.62E-03 | 2.15E-03 | 6.16E-04                         | 2.67E-04          | 2.92E-05         | 5.85E-06          | 0.00E+00                |
| Mississippi                                                                             | Washington         | 28151 | U                    | 2.90E-05                                                               | 3.35E-05 | 4.40E-05 | 1.51E-04 | 1.74E-04 | 2.27E-04 | 3.58E-04 | 3.79E-04 | 1.85E-05                         | 1.17E-04          | 3.28E-05         | 5.67E-06          | 0.00E+00                |
| Mississippi                                                                             | Wayne              | 28153 | R                    | 2.24E-05                                                               | 2.24E-05 | 5.24E-05 | 1.12E-04 | 2.14E-04 | 3.76E-04 | 6.11E-04 | 6.11E-04 | 1.29E-06                         | 2.06E-04          | 6.54E-06         | 0.00E+00          | 0.00E+00                |
| Mississippi                                                                             | Webster            | 28155 | R                    | 3.14E-05                                                               | 3.14E-05 | 3.14E-05 | 6.32E-05 | 7.50E-05 | 1.30E-04 | 1.30E-04 | 1.30E-04 | 3.82E-08                         | 6.78E-05          | 7.15E-06         | 0.00E+00          | 0.00E+00                |
| Mississippi                                                                             | Wilkinson          | 28157 | R                    | 1.26E-04                                                               | 1.26E-04 | 1.26E-04 | 2.49E-04 | 2.49E-04 | 3.71E-04 | 3.71E-04 | 3.71E-04 | 2.27E-04                         | 1.72E-05          | 4.07E-06         | 1.74E-07          | 0.00E+00                |
| Mississippi                                                                             | Winston            | 28159 | R                    | 9.41E-05                                                               | 9.41E-05 | 2.12E-04 | 2.76E-04 | 1.92E-03 | 4.51E-03 | 4.51E-03 | 4.51E-03 | 0.00E+00                         | 1.91E-03          | 9.38E-06         | 3.11E-06          | 0.00E+00                |
| Mississippi                                                                             | Yalobusha          | 28161 | R                    | 3.34E-05                                                               | 3.34E-05 | 3.34E-05 | 4.17E-05 | 5.00E-05 | 7.48E-05 | 7.48E-05 | 7.48E-05 | 0.00E+00                         | 4.30E-05          | 5.54E-06         | 1.44E-06          | 0.00E+00                |
| Mississippi                                                                             | Yazoo              | 28163 | R                    | 3.38E-05                                                               | 3.38E-05 | 8.07E-05 | 1.32E-04 | 2.11E-04 | 2.81E-04 | 6.09E-04 | 6.09E-04 | 0.00E+00                         | 1.98E-04          | 1.36E-05         | 1.83E-08          | 0.00E+00                |
| Missouri                                                                                | Statewide          | N/A   | N/A                  | 1.70E-05                                                               | 2.80E-05 | 1.47E-04 | 3.22E-03 | 1.22E-02 | 1.58E-02 | 3.39E-02 | 4.56E-02 | 6.43E-03                         | 2.68E-03          | 3.82E-05         | 3.09E-03          | 0.00E+00                |
| Missouri                                                                                | All Urban Counties | N/A   | U                    | 6.89E-05                                                               | 1.46E-04 | 1.29E-03 | 7.33E-03 | 1.63E-02 | 2.30E-02 | 3.84E-02 | 4.83E-02 | 8.31E-03                         | 3.66E-03          | 4.93E-05         | 4.26E-03          | 0.00E+00                |
| Missouri                                                                                | All Rural Counties | N/A   | R                    | 9.56E-06                                                               | 1.23E-05 | 2.24E-05 | 5.31E-05 | 1.62E-03 | 2.48E-04 | 7.76E-04 | 4.34E-03 | 1.47E-03                         | 1.23E-04          | 8.80E-06         | 1.10E-05          | 0.00E+00                |
| Missouri                                                                                | Adair              | 29001 | U                    | 3.02E-05                                                               | 3.02E-05 | 1.04E-04 | 1.21E-04 | 2.03E-04 | 2.89E-04 | 5.16E-04 | 5.16E-04 | 0.00E+00                         | 1.58E-04          | 1.87E-05         | 2.60E-05          | 0.00E+00                |
| Missouri                                                                                | Andrew             | 29003 | R                    | 2.86E-04                                                               | 2.86E-04 | 3.05E-04 | 3.47E-04 | 3.57E-04 | 4.09E-04 | 4.50E-04 | 4.50E-04 | 2.66E-04                         | 8.51E-05          | 6.30E-06         | 2.84E-08          | 0.00E+00                |
| Missouri                                                                                | Atchison           | 29005 | R                    | 4.54E-04                                                               | 4.54E-04 | 4.54E-04 | 5.01E-04 | 5.01E-04 | 5.47E-04 | 5.47E-04 | 5.47E-04 | 1.34E-04                         | 3.63E-04          | 3.36E-06         | 0.00E+00          | 0.00E+00                |
| Missouri                                                                                | Audrain            | 29007 | U                    | 2.28E-05                                                               | 2.28E-05 | 1.20E-04 | 1.83E-04 | 1.60E-04 | 2.00E-04 | 2.25E-04 | 2.25E-04 | 2.21E-05                         | 1.09E-04          | 1.73E-05         | 1.11E-05          | 0.00E+00                |
| Missouri                                                                                | Barry              | 29009 | R                    | 2.07E-05                                                               | 2.07E-05 | 2.78E-05 | 4.89E-05 | 8.28E-05 | 1.74E-04 | 1.77E-04 | 1.77E-04 | 0.00E+00                         | 7.22E-05          | 1.06E-05         | 0.00E+00          | 0.00E+00                |
| Missouri                                                                                | Barton             | 29011 | R                    | 3.82E-04                                                               | 3.82E-04 | 3.82E-04 | 8.35E-04 | 7.89E-04 | 1.15E-03 | 1.15E-03 | 1.15E-03 | 1.96E-06                         | 7.36E-04          | 4.79E-06         | 4.62E-05          | 0.00E+00                |
| Missouri                                                                                | Bates              | 29013 | R                    | 1.82E-05                                                               | 1.82E-05 | 1.85E-05 | 2.37E-05 | 3.37E-05 | 4.88E-05 | 6.91E-05 | 6.91E-05 | 9.20E-06                         | 1.95E-05          | 4.97E-06         | 0.00E+00          | 0.00E+00                |
| Missouri                                                                                | Benton             | 29015 | R                    | 6.76E-06                                                               | 6.76E-06 | 8.49E-06 | 1.44E-05 | 1.36E-05 | 1.77E-05 | 2.36E-05 | 2.36E-05 | 7.42E-07                         | 8.83E-06          | 4.00E-06         | 0.00E+00          | 0.00E+00                |
| Missouri                                                                                | Bollinger          | 29017 | R                    | 1.58E-05                                                               | 1.58E-05 | 1.58E-05 | 2.15E-05 | 2.20E-05 | 2.88E-05 | 2.88E-05 | 2.88E-05 | 7.01E-07                         | 1.63E-05          | 5.07E-06         | 0.00E+00          | 0.00E+00                |
| Missouri                                                                                | Boone              | 29019 | U                    | 1.82E-04                                                               | 1.90E-04 | 2.72E-04 | 3.44E-04 | 3.63E-04 | 4.24E-04 | 5.80E-04 | 6.14E-04 | 1.47E-07                         | 2.30E-04          | 1.58E-05         | 1.17E-04          | 0.00E+00                |
| Missouri                                                                                | Buchanan           | 29021 | U                    | 2.56E-04                                                               | 4.33E-04 | 5.92E-04 | 8.94E-04 | 1.06E-03 | 1.28E-03 | 1.75E-03 | 2.54E-03 | 1.87E-04                         | 5.85E-04          | 1.40E-05         | 2.76E-04          | 0.00E+00                |
| Missouri                                                                                | Butler             | 29023 | R                    | 4.03E-05                                                               | 4.03E-05 | 4.12E-05 | 1.57E-04 | 1.53E-04 | 2.24E-04 | 3.42E-04 | 3.42E-04 | 1.14E-06                         | 1.29E-04          | 2.33E-05         | 0.00E+00          | 0.00E+00                |



| Estimated Annual Average Ambient Concentrations (µg/m <sup>3</sup> ) for Lead Compounds |                |       |                      |                                                                        |          |          |          |          |          |          |          |                                  |                   |                  |                   |                         |
|-----------------------------------------------------------------------------------------|----------------|-------|----------------------|------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------------------------------|-------------------|------------------|-------------------|-------------------------|
| State                                                                                   | County         | FIPS  | Urban<br>or<br>Rural | Percentile Distribution of Ambient Concentrations Across Census Tracts |          |          |          |          |          |          |          | Contribution to Average from ... |                   |                  |                   |                         |
|                                                                                         |                |       |                      | 5th                                                                    | 10th     | 25th     | Median   | Average  | 75th     | 90th     | 95th     | Major                            | Area and<br>Other | Onroad<br>Mobile | Nonroad<br>Mobile | Estimated<br>Background |
| Missouri                                                                                | Caldwell       | 29025 | R                    | 1.03E-05                                                               | 1.03E-05 | 1.03E-05 | 1.17E-05 | 1.17E-05 | 1.30E-05 | 1.30E-05 | 1.30E-05 | 0.00E+00                         | 8.67E-06          | 2.98E-06         | 0.00E+00          | 0.00E+00                |
| Missouri                                                                                | Callaway       | 29027 | R                    | 7.01E-05                                                               | 7.01E-05 | 8.02E-05 | 1.18E-04 | 1.40E-04 | 1.97E-04 | 2.60E-04 | 2.60E-04 | 5.07E-07                         | 8.18E-05          | 1.68E-05         | 4.10E-05          | 0.00E+00                |
| Missouri                                                                                | Camden         | 29029 | R                    | 1.80E-05                                                               | 1.98E-05 | 2.40E-05 | 2.96E-05 | 3.57E-05 | 4.00E-05 | 4.98E-05 | 1.03E-04 | 0.00E+00                         | 2.60E-05          | 8.06E-06         | 1.65E-06          | 0.00E+00                |
| Missouri                                                                                | Cape Girardeau | 29031 | U                    | 5.51E-05                                                               | 6.92E-05 | 7.78E-05 | 1.64E-04 | 1.84E-04 | 2.31E-04 | 3.72E-04 | 4.63E-04 | 4.78E-06                         | 1.42E-04          | 3.63E-05         | 6.65E-08          | 0.00E+00                |
| Missouri                                                                                | Carroll        | 29033 | R                    | 1.06E-05                                                               | 1.06E-05 | 1.06E-05 | 1.12E-05 | 1.81E-05 | 3.25E-05 | 3.25E-05 | 3.25E-05 | 1.84E-07                         | 1.45E-05          | 3.40E-06         | 0.00E+00          | 0.00E+00                |
| Missouri                                                                                | Carter         | 29035 | R                    | 1.08E-05                                                               | 1.08E-05 | 1.08E-05 | 1.20E-05 | 1.20E-05 | 1.32E-05 | 1.32E-05 | 1.32E-05 | 0.00E+00                         | 9.64E-06          | 2.35E-06         | 0.00E+00          | 0.00E+00                |
| Missouri                                                                                | Cass           | 29037 | U                    | 5.49E-05                                                               | 8.36E-05 | 3.42E-04 | 7.94E-04 | 8.10E-04 | 1.34E-03 | 1.60E-03 | 1.83E-03 | 7.87E-06                         | 7.84E-04          | 1.72E-05         | 4.32E-07          | 0.00E+00                |
| Missouri                                                                                | Cedar          | 29039 | R                    | 2.41E-05                                                               | 2.41E-05 | 2.41E-05 | 2.57E-05 | 2.62E-05 | 2.88E-05 | 2.88E-05 | 2.88E-05 | 1.38E-06                         | 1.89E-05          | 5.90E-06         | 0.00E+00          | 0.00E+00                |
| Missouri                                                                                | Chariton       | 29041 | R                    | 9.26E-06                                                               | 9.26E-06 | 9.26E-06 | 1.01E-05 | 1.07E-05 | 1.26E-05 | 1.26E-05 | 1.26E-05 | 6.50E-08                         | 8.23E-06          | 2.37E-06         | 0.00E+00          | 0.00E+00                |
| Missouri                                                                                | Christian      | 29043 | U                    | 2.67E-04                                                               | 2.67E-04 | 3.10E-04 | 3.29E-04 | 4.00E-04 | 5.21E-04 | 5.70E-04 | 5.70E-04 | 9.52E-06                         | 2.00E-04          | 6.67E-06         | 1.83E-04          | 0.00E+00                |
| Missouri                                                                                | Clark          | 29045 | R                    | 6.64E-06                                                               | 6.64E-06 | 6.64E-06 | 1.20E-05 | 1.04E-05 | 1.26E-05 | 1.26E-05 | 1.26E-05 | 0.00E+00                         | 6.79E-06          | 3.62E-06         | 0.00E+00          | 0.00E+00                |
| Missouri                                                                                | Clay           | 29047 | U                    | 1.74E-03                                                               | 2.95E-03 | 4.62E-03 | 5.61E-03 | 5.97E-03 | 7.25E-03 | 8.80E-03 | 9.92E-03 | 2.50E-05                         | 4.44E-03          | 3.32E-05         | 1.47E-03          | 0.00E+00                |
| Missouri                                                                                | Clinton        | 29049 | U                    | 7.49E-05                                                               | 7.49E-05 | 4.02E-04 | 8.20E-04 | 6.82E-04 | 9.61E-04 | 1.01E-03 | 1.01E-03 | 1.87E-05                         | 2.46E-04          | 7.67E-06         | 4.09E-04          | 0.00E+00                |
| Missouri                                                                                | Cole           | 29051 | U                    | 8.95E-05                                                               | 9.61E-05 | 1.17E-04 | 1.60E-04 | 2.64E-04 | 3.39E-04 | 6.12E-04 | 1.01E-03 | 1.04E-07                         | 1.96E-04          | 3.39E-05         | 3.39E-05          | 0.00E+00                |
| Missouri                                                                                | Cooper         | 29053 | R                    | 3.45E-05                                                               | 3.45E-05 | 7.78E-05 | 2.04E-04 | 2.35E-04 | 2.42E-04 | 6.18E-04 | 6.18E-04 | 7.68E-08                         | 2.03E-04          | 1.34E-05         | 1.83E-05          | 0.00E+00                |
| Missouri                                                                                | Crawford       | 29055 | R                    | 2.66E-05                                                               | 2.66E-05 | 3.13E-05 | 3.16E-04 | 3.78E-04 | 7.26E-04 | 8.56E-04 | 8.56E-04 | 2.46E-04                         | 1.25E-04          | 8.26E-06         | 0.00E+00          | 0.00E+00                |
| Missouri                                                                                | Dade           | 29057 | R                    | 7.89E-05                                                               | 7.89E-05 | 7.89E-05 | 1.16E-04 | 1.16E-04 | 1.54E-04 | 1.54E-04 | 1.54E-04 | 2.13E-06                         | 6.43E-05          | 3.83E-06         | 4.62E-05          | 0.00E+00                |
| Missouri                                                                                | Dallas         | 29059 | R                    | 1.10E-05                                                               | 1.10E-05 | 1.10E-05 | 6.19E-05 | 6.80E-05 | 1.31E-04 | 1.31E-04 | 1.31E-04 | 0.00E+00                         | 3.96E-05          | 6.09E-06         | 2.23E-05          | 0.00E+00                |
| Missouri                                                                                | Daviess        | 29061 | R                    | 1.61E-05                                                               | 1.61E-05 | 1.61E-05 | 1.98E-05 | 1.98E-05 | 2.35E-05 | 2.35E-05 | 2.35E-05 | 0.00E+00                         | 1.65E-05          | 3.33E-06         | 0.00E+00          | 0.00E+00                |
| Missouri                                                                                | DeKalb         | 29063 | R                    | 3.39E-05                                                               | 3.39E-05 | 3.39E-05 | 5.11E-05 | 5.11E-05 | 6.83E-05 | 6.83E-05 | 6.83E-05 | 4.74E-07                         | 4.67E-05          | 3.89E-06         | 4.56E-09          | 0.00E+00                |
| Missouri                                                                                | Dent           | 29065 | R                    | 3.03E-04                                                               | 3.03E-04 | 3.88E-04 | 5.33E-04 | 4.97E-04 | 6.07E-04 | 6.20E-04 | 6.20E-04 | 3.62E-04                         | 1.20E-04          | 1.39E-05         | 1.27E-06          | 0.00E+00                |
| Missouri                                                                                | Douglas        | 29067 | R                    | 1.42E-05                                                               | 1.42E-05 | 2.49E-05 | 4.43E-05 | 3.90E-05 | 5.30E-05 | 5.32E-05 | 5.32E-05 | 0.00E+00                         | 3.37E-05          | 5.23E-06         | 0.00E+00          | 0.00E+00                |
| Missouri                                                                                | Dunklin        | 29069 | R                    | 3.40E-05                                                               | 3.49E-05 | 5.79E-05 | 2.75E-04 | 3.01E-04 | 3.60E-04 | 7.71E-04 | 9.92E-04 | 1.39E-04                         | 1.43E-04          | 1.87E-05         | 2.43E-07          | 0.00E+00                |
| Missouri                                                                                | Franklin       | 29071 | U                    | 4.05E-05                                                               | 4.05E-05 | 6.89E-05 | 1.30E-04 | 4.49E-03 | 1.09E-02 | 1.35E-02 | 1.57E-02 | 4.33E-03                         | 8.10E-05          | 1.48E-05         | 6.19E-05          | 0.00E+00                |
| Missouri                                                                                | Gasconade      | 29073 | R                    | 2.25E-05                                                               | 2.25E-05 | 2.35E-05 | 3.10E-05 | 9.55E-05 | 1.46E-04 | 2.54E-04 | 2.54E-04 | 4.58E-07                         | 8.59E-05          | 9.10E-06         | 0.00E+00          | 0.00E+00                |
| Missouri                                                                                | Gentry         | 29075 | R                    | 2.08E-05                                                               | 2.08E-05 | 2.08E-05 | 3.26E-05 | 3.26E-05 | 4.44E-05 | 4.44E-05 | 4.44E-05 | 0.00E+00                         | 3.05E-05          | 2.09E-06         | 0.00E+00          | 0.00E+00                |
| Missouri                                                                                | Greene         | 29077 | U                    | 7.70E-04                                                               | 1.16E-03 | 2.48E-03 | 3.39E-03 | 4.05E-03 | 5.13E-03 | 8.24E-03 | 9.70E-03 | 1.28E-05                         | 2.93E-03          | 1.95E-05         | 1.09E-03          | 0.00E+00                |
| Missouri                                                                                | Grundy         | 29079 | U                    | 9.59E-06                                                               | 9.59E-06 | 1.19E-05 | 6.37E-05 | 6.26E-05 | 1.13E-04 | 1.13E-04 | 1.13E-04 | 0.00E+00                         | 5.37E-05          | 8.83E-06         | 0.00E+00          | 0.00E+00                |
| Missouri                                                                                | Harrison       | 29081 | R                    | 6.17E-06                                                               | 6.17E-06 | 6.17E-06 | 8.17E-06 | 2.55E-05 | 6.21E-05 | 6.21E-05 | 6.21E-05 | 0.00E+00                         | 2.23E-05          | 3.19E-06         | 0.00E+00          | 0.00E+00                |
| Missouri                                                                                | Henry          | 29083 | U                    | 2.80E-05                                                               | 2.80E-05 | 4.12E-05 | 6.64E-05 | 7.59E-05 | 1.25E-04 | 1.29E-04 | 1.29E-04 | 7.84E-06                         | 5.81E-05          | 9.99E-06         | 0.00E+00          | 0.00E+00                |
| Missouri                                                                                | Hickory        | 29085 | R                    | 8.57E-06                                                               | 8.57E-06 | 9.47E-06 | 1.04E-05 | 1.11E-05 | 1.27E-05 | 1.50E-05 | 1.50E-05 | 0.00E+00                         | 6.44E-06          | 4.65E-06         | 0.00E+00          | 0.00E+00                |
| Missouri                                                                                | Holt           | 29087 | R                    | 1.11E-03                                                               | 1.11E-03 | 1.11E-03 | 1.91E-03 | 1.65E-03 | 1.92E-03 | 1.92E-03 | 1.92E-03 | 1.63E-03                         | 1.75E-05          | 2.73E-06         | 7.66E-09          | 0.00E+00                |
| Missouri                                                                                | Howard         | 29089 | R                    | 4.17E-05                                                               | 4.17E-05 | 4.17E-05 | 6.01E-05 | 6.12E-05 | 8.16E-05 | 8.16E-05 | 8.16E-05 | 7.86E-08                         | 5.60E-05          | 5.06E-06         | 0.00E+00          | 0.00E+00                |
| Missouri                                                                                | Howell         | 29091 | R                    | 2.52E-05                                                               | 2.52E-05 | 3.27E-05 | 4.26E-05 | 1.77E-04 | 3.21E-04 | 5.98E-04 | 5.98E-04 | 0.00E+00                         | 1.66E-04          | 1.12E-05         | 0.00E+00          | 0.00E+00                |
| Missouri                                                                                | Iron           | 29093 | R                    | 2.39E-02                                                               | 2.39E-02 | 3.62E-02 | 5.29E-02 | 5.86E-02 | 8.10E-02 | 1.05E-01 | 1.05E-01 | 5.78E-02                         | 8.18E-04          | 5.35E-06         | 0.00E+00          | 0.00E+00                |
| Missouri                                                                                | Jackson        | 29095 | U                    | 1.96E-03                                                               | 2.67E-03 | 3.86E-03 | 6.92E-03 | 9.66E-03 | 9.37E-03 | 1.45E-02 | 1.82E-02 | 2.03E-05                         | 8.86E-03          | 5.23E-05         | 7.22E-04          | 0.00E+00                |
| Missouri                                                                                | Jasper         | 29097 | U                    | 2.04E-03                                                               | 3.09E-03 | 6.33E-03 | 1.24E-02 | 1.82E-02 | 3.11E-02 | 3.84E-02 | 4.05E-02 | 8.26E-05                         | 1.76E-02          | 9.36E-06         | 5.08E-04          | 0.00E+00                |
| Missouri                                                                                | Jefferson      | 29099 | U                    | 2.03E-02                                                               | 2.29E-02 | 2.78E-02 | 4.26E-02 | 1.13E-01 | 1.12E-01 | 3.33E-01 | 5.33E-01 | 1.12E-01                         | 4.47E-04          | 3.73E-05         | 7.51E-04          | 0.00E+00                |
| Missouri                                                                                | Johnson        | 29101 | R                    | 8.71E-05                                                               | 8.71E-05 | 1.53E-04 | 2.05E-04 | 7.20E-04 | 5.65E-04 | 4.34E-03 | 4.34E-03 | 2.05E-06                         | 6.99E-04          | 1.89E-05         | 2.74E-08          | 0.00E+00                |
| Missouri                                                                                | Knox           | 29103 | R                    | 1.52E-05                                                               | 1.52E-05 | 1.52E-05 | 2.57E-05 | 2.57E-05 | 3.62E-05 | 3.62E-05 | 3.62E-05 | 1.41E-07                         | 2.03E-05          | 2.05E-06         | 3.20E-06          | 0.00E+00                |
| Missouri                                                                                | Laclede        | 29105 | R                    | 1.85E-05                                                               | 1.85E-05 | 2.08E-05 | 1.25E-04 | 1.14E-04 | 1.64E-04 | 2.31E-04 | 2.31E-04 | 0.00E+00                         | 9.26E-05          | 1.92E-05         | 2.29E-06          | 0.00E+00                |
| Missouri                                                                                | Lafayette      | 29107 | U                    | 2.51E-05                                                               | 2.51E-05 | 3.63E-05 | 6.99E-05 | 2.03E-04 | 4.94E-04 | 5.26E-04 | 5.26E-04 | 2.29E-06                         | 1.96E-04          | 4.88E-06         | 8.84E-08          | 0.00E+00                |
| Missouri                                                                                | Lawrence       | 29109 | R                    | 1.18E-04                                                               | 1.18E-04 | 1.63E-04 | 2.08E-04 | 2.13E-04 | 2.75E-04 | 3.06E-04 | 3.06E-04 | 2.28E-06                         | 1.36E-04          | 1.16E-05         | 6.33E-05          | 0.00E+00                |
| Missouri                                                                                | Lewis          | 29111 | R                    | 1.24E-04                                                               | 1.24E-04 | 1.59E-04 | 2.77E-04 | 2.84E-04 | 4.09E-04 | 4.59E-04 | 4.59E-04 | 7.05E-05                         | 1.98E-04          | 4.37E-06         | 1.08E-05          | 0.00E+00                |
| Missouri                                                                                | Lincoln        | 29113 | U                    | 9.44E-05                                                               | 9.44E-05 | 1.15E-04 | 1.52E-04 | 5.24E-04 | 9.33E-04 | 1.70E-03 | 1.70E-03 | 8.64E-05                         | 3.90E-05          | 1.39E-05         | 3.85E-04          | 0.00E+00                |
| Missouri                                                                                | Linn           | 29115 | U                    | 1.23E-05                                                               | 1.23E-05 | 1.49E-05 | 1.80E-05 | 2.54E-05 | 2.21E-05 | 5.95E-05 | 5.95E-05 | 0.00E+00                         | 2.00E-05          | 4.86E-06         | 5.34E-07          | 0.00E+00                |
| Missouri                                                                                | Livingston     | 29117 | U                    | 1.47E-05                                                               | 1.47E-05 | 2.16E-05 | 1.02E-04 | 1.00E-04 | 1.14E-04 | 2.49E-04 | 2.49E-04 | 0.00E+00                         | 8.43E-05          | 1.57E-05         | 0.00E+00          | 0.00E+00                |
| Missouri                                                                                | McDonald       | 29119 | R                    | 6.61E-05                                                               | 6.61E-05 | 8.93E-05 | 1.50E-04 | 1.88E-04 | 2.87E-04 | 3.87E-04 | 3.87E-04 | 2.12E-05                         | 1.49E-04          | 1.14E-05         | 6.76E-06          | 0.00E+00                |
| Missouri                                                                                | Macon          | 29121 | R                    | 9.56E-06                                                               | 9.56E-06 | 3.17E-05 | 4.66E-05 | 3.64E-05 | 4.69E-05 | 4.70E-05 | 4.70E-05 | 0.00E+00                         | 2.25E-05          | 6.21E-06         | 7.67E-06          | 0.00E+00                |
| Missouri                                                                                | Madison        | 29123 | R                    | 2.39E-02                                                               | 2.39E-02 | 2.39E-02 | 2.42E-02 | 2.52E-02 | 2.76E-02 | 2.76E-02 | 2.76E-02 | 2.52E-02                         | 2.80E-05          | 7.27E-06         | 0.00E+00          | 0.00E+00                |

| Estimated Annual Average Ambient Concentrations ( $\mu\text{g}/\text{m}^3$ ) for Lead Compounds |                |       |                      |                                                                        |          |          |          |          |          |          |          |                                  |                   |                  |                   |                         |
|-------------------------------------------------------------------------------------------------|----------------|-------|----------------------|------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------------------------------|-------------------|------------------|-------------------|-------------------------|
| State                                                                                           | County         | FIPS  | Urban<br>or<br>Rural | Percentile Distribution of Ambient Concentrations Across Census Tracts |          |          |          |          |          |          |          | Contribution to Average from ... |                   |                  |                   |                         |
|                                                                                                 |                |       |                      | 5th                                                                    | 10th     | 25th     | Median   | Average  | 75th     | 90th     | 95th     | Major                            | Area and<br>Other | Onroad<br>Mobile | Nonroad<br>Mobile | Estimated<br>Background |
| Missouri                                                                                        | Maries         | 29125 | R                    | 1.98E-05                                                               | 1.98E-05 | 1.98E-05 | 2.03E-05 | 2.28E-05 | 2.81E-05 | 2.81E-05 | 2.81E-05 | 1.07E-07                         | 1.66E-05          | 5.02E-06         | 1.06E-06          | 0.00E+00                |
| Missouri                                                                                        | Marion         | 29127 | U                    | 1.09E-03                                                               | 1.09E-03 | 1.62E-03 | 4.29E-03 | 7.20E-03 | 6.37E-03 | 2.50E-02 | 2.50E-02 | 6.23E-03                         | 9.33E-04          | 2.51E-05         | 1.35E-05          | 0.00E+00                |
| Missouri                                                                                        | Mercer         | 29129 | R                    | 4.94E-06                                                               | 4.94E-06 | 4.94E-06 | 5.22E-06 | 5.22E-06 | 5.51E-06 | 5.51E-06 | 5.51E-06 | 0.00E+00                         | 3.55E-06          | 1.67E-06         | 0.00E+00          | 0.00E+00                |
| Missouri                                                                                        | Miller         | 29131 | R                    | 1.79E-05                                                               | 1.79E-05 | 2.29E-05 | 2.35E-05 | 3.78E-05 | 3.35E-05 | 9.13E-05 | 9.13E-05 | 0.00E+00                         | 2.67E-05          | 8.36E-06         | 2.72E-06          | 0.00E+00                |
| Missouri                                                                                        | Mississippi    | 29133 | U                    | 6.88E-05                                                               | 6.88E-05 | 7.97E-05 | 1.07E-04 | 1.02E-04 | 1.23E-04 | 1.24E-04 | 1.24E-04 | 3.51E-05                         | 5.31E-05          | 1.34E-05         | 0.00E+00          | 0.00E+00                |
| Missouri                                                                                        | Moniteau       | 29135 | R                    | 3.88E-05                                                               | 3.88E-05 | 4.25E-05 | 5.93E-05 | 6.92E-05 | 9.59E-05 | 1.19E-04 | 1.19E-04 | 0.00E+00                         | 4.51E-05          | 8.15E-06         | 1.60E-05          | 0.00E+00                |
| Missouri                                                                                        | Monroe         | 29137 | R                    | 3.17E-05                                                               | 3.17E-05 | 3.17E-05 | 4.53E-05 | 9.94E-05 | 2.21E-04 | 2.21E-04 | 2.21E-04 | 4.14E-05                         | 5.51E-05          | 2.91E-06         | 0.00E+00          | 0.00E+00                |
| Missouri                                                                                        | Montgomery     | 29139 | R                    | 2.18E-05                                                               | 2.18E-05 | 2.20E-05 | 2.39E-05 | 2.59E-05 | 2.98E-05 | 3.42E-05 | 3.42E-05 | 5.69E-07                         | 1.95E-05          | 5.82E-06         | 0.00E+00          | 0.00E+00                |
| Missouri                                                                                        | Morgan         | 29141 | R                    | 1.23E-05                                                               | 1.23E-05 | 1.62E-05 | 2.16E-05 | 2.68E-05 | 2.41E-05 | 7.84E-05 | 7.84E-05 | 0.00E+00                         | 1.94E-05          | 7.40E-06         | 0.00E+00          | 0.00E+00                |
| Missouri                                                                                        | New Madrid     | 29143 | R                    | 2.43E-05                                                               | 2.43E-05 | 3.21E-05 | 4.09E-05 | 4.17E-05 | 5.29E-05 | 5.88E-05 | 5.88E-05 | 1.26E-05                         | 2.06E-05          | 8.43E-06         | 0.00E+00          | 0.00E+00                |
| Missouri                                                                                        | Newton         | 29145 | R                    | 2.89E-04                                                               | 3.97E-04 | 5.57E-04 | 7.97E-04 | 9.68E-04 | 8.47E-04 | 2.23E-03 | 3.24E-03 | 6.82E-05                         | 8.46E-04          | 6.67E-06         | 4.80E-05          | 0.00E+00                |
| Missouri                                                                                        | Nodaway        | 29147 | R                    | 2.25E-05                                                               | 2.25E-05 | 3.28E-05 | 2.07E-04 | 2.12E-04 | 3.96E-04 | 4.02E-04 | 4.02E-04 | 8.84E-05                         | 1.13E-04          | 1.10E-05         | 0.00E+00          | 0.00E+00                |
| Missouri                                                                                        | Oregon         | 29149 | R                    | 1.13E-05                                                               | 1.13E-05 | 1.13E-05 | 1.26E-05 | 1.40E-05 | 1.81E-05 | 1.81E-05 | 1.81E-05 | 0.00E+00                         | 1.11E-05          | 2.87E-06         | 0.00E+00          | 0.00E+00                |
| Missouri                                                                                        | Osage          | 29151 | R                    | 1.96E-05                                                               | 1.96E-05 | 2.07E-05 | 3.10E-05 | 3.75E-05 | 4.36E-05 | 7.93E-05 | 7.93E-05 | 2.31E-07                         | 2.29E-05          | 6.15E-06         | 8.29E-06          | 0.00E+00                |
| Missouri                                                                                        | Ozark          | 29153 | R                    | 2.22E-05                                                               | 2.22E-05 | 2.22E-05 | 4.76E-05 | 4.76E-05 | 7.30E-05 | 7.30E-05 | 7.30E-05 | 0.00E+00                         | 8.30E-06          | 2.92E-06         | 3.63E-05          | 0.00E+00                |
| Missouri                                                                                        | Pemiscot       | 29155 | R                    | 6.08E-05                                                               | 6.08E-05 | 1.61E-04 | 1.73E-04 | 2.02E-04 | 3.07E-04 | 3.37E-04 | 3.37E-04 | 6.10E-05                         | 1.24E-04          | 1.69E-05         | 0.00E+00          | 0.00E+00                |
| Missouri                                                                                        | Perry          | 29157 | R                    | 8.30E-05                                                               | 8.30E-05 | 1.01E-04 | 1.31E-04 | 1.47E-04 | 2.08E-04 | 2.11E-04 | 2.11E-04 | 9.99E-07                         | 1.29E-04          | 1.67E-05         | 6.17E-07          | 0.00E+00                |
| Missouri                                                                                        | Pettis         | 29159 | U                    | 3.10E-05                                                               | 3.44E-05 | 4.88E-05 | 9.94E-05 | 1.15E-04 | 1.82E-04 | 1.93E-04 | 2.30E-04 | 1.02E-07                         | 9.24E-05          | 2.29E-05         | 0.00E+00          | 0.00E+00                |
| Missouri                                                                                        | Phelps         | 29161 | U                    | 3.07E-05                                                               | 3.77E-05 | 4.54E-05 | 1.17E-04 | 2.64E-04 | 5.38E-04 | 7.03E-04 | 7.50E-04 | 0.00E+00                         | 2.33E-04          | 2.70E-05         | 3.46E-06          | 0.00E+00                |
| Missouri                                                                                        | Pike           | 29163 | R                    | 2.06E-04                                                               | 2.06E-04 | 2.65E-04 | 2.88E-04 | 3.08E-04 | 3.07E-04 | 4.72E-04 | 4.72E-04 | 2.70E-04                         | 3.02E-05          | 7.51E-06         | 0.00E+00          | 0.00E+00                |
| Missouri                                                                                        | Platte         | 29165 | U                    | 1.56E-03                                                               | 4.73E-03 | 6.28E-03 | 7.28E-03 | 7.85E-03 | 7.77E-03 | 8.94E-03 | 2.48E-02 | 5.93E-05                         | 2.60E-03          | 2.59E-05         | 5.16E-03          | 0.00E+00                |
| Missouri                                                                                        | Polk           | 29167 | R                    | 3.50E-05                                                               | 3.50E-05 | 2.02E-04 | 5.22E-04 | 4.64E-04 | 7.25E-04 | 7.76E-04 | 7.76E-04 | 5.74E-06                         | 1.66E-04          | 7.52E-06         | 2.84E-04          | 0.00E+00                |
| Missouri                                                                                        | Pulaski        | 29169 | R                    | 3.54E-05                                                               | 3.54E-05 | 6.72E-05 | 1.02E-04 | 1.27E-04 | 1.58E-04 | 2.74E-04 | 2.74E-04 | 0.00E+00                         | 3.90E-05          | 1.27E-05         | 7.57E-05          | 0.00E+00                |
| Missouri                                                                                        | Putnam         | 29171 | R                    | 9.00E-06                                                               | 9.00E-06 | 9.00E-06 | 9.38E-06 | 9.38E-06 | 9.75E-06 | 9.75E-06 | 9.75E-06 | 0.00E+00                         | 7.21E-06          | 2.17E-06         | 0.00E+00          | 0.00E+00                |
| Missouri                                                                                        | Ralls          | 29173 | R                    | 1.59E-04                                                               | 1.59E-04 | 1.59E-04 | 5.11E-04 | 4.47E-04 | 6.70E-04 | 6.70E-04 | 6.70E-04 | 3.19E-04                         | 1.18E-04          | 4.02E-06         | 6.18E-06          | 0.00E+00                |
| Missouri                                                                                        | Randolph       | 29175 | U                    | 3.78E-05                                                               | 3.78E-05 | 4.21E-05 | 8.72E-05 | 1.12E-04 | 2.03E-04 | 2.16E-04 | 2.16E-04 | 0.00E+00                         | 9.09E-05          | 2.13E-05         | 0.00E+00          | 0.00E+00                |
| Missouri                                                                                        | Ray            | 29177 | U                    | 1.97E-05                                                               | 1.97E-05 | 1.35E-04 | 2.82E-04 | 3.92E-04 | 6.48E-04 | 9.83E-04 | 9.83E-04 | 5.65E-06                         | 2.72E-04          | 5.56E-06         | 1.08E-04          | 0.00E+00                |
| Missouri                                                                                        | Reynolds       | 29179 | R                    | 5.41E-03                                                               | 5.41E-03 | 5.41E-03 | 1.60E-02 | 1.60E-02 | 2.66E-02 | 2.66E-02 | 2.66E-02 | 1.59E-02                         | 7.96E-05          | 1.47E-06         | 0.00E+00          | 0.00E+00                |
| Missouri                                                                                        | Ripley         | 29181 | R                    | 8.99E-06                                                               | 8.99E-06 | 1.13E-05 | 1.40E-05 | 1.46E-05 | 1.80E-05 | 2.15E-05 | 2.15E-05 | 1.54E-07                         | 9.00E-06          | 5.48E-06         | 0.00E+00          | 0.00E+00                |
| Missouri                                                                                        | St. Charles    | 29183 | U                    | 2.99E-03                                                               | 3.07E-03 | 4.71E-03 | 7.80E-03 | 8.42E-03 | 1.14E-02 | 1.48E-02 | 1.81E-02 | 7.16E-05                         | 6.44E-04          | 5.73E-05         | 7.65E-03          | 0.00E+00                |
| Missouri                                                                                        | St. Clair      | 29185 | R                    | 1.51E-05                                                               | 1.51E-05 | 1.51E-05 | 1.70E-05 | 1.86E-05 | 2.36E-05 | 2.36E-05 | 2.36E-05 | 6.14E-06                         | 8.89E-06          | 3.54E-06         | 0.00E+00          | 0.00E+00                |
| Missouri                                                                                        | Ste. Genevieve | 29186 | R                    | 6.63E-05                                                               | 6.63E-05 | 7.99E-03 | 1.78E-02 | 1.39E-02 | 1.99E-02 | 2.02E-02 | 2.02E-02 | 1.38E-02                         | 1.58E-04          | 9.77E-06         | 0.00E+00          | 0.00E+00                |
| Missouri                                                                                        | St. Francois   | 29187 | U                    | 6.40E-03                                                               | 6.40E-03 | 1.30E-02 | 1.61E-02 | 1.65E-02 | 2.00E-02 | 2.73E-02 | 2.73E-02 | 1.58E-02                         | 6.59E-04          | 4.44E-05         | 0.00E+00          | 0.00E+00                |
| Missouri                                                                                        | St. Louis      | 29189 | U                    | 1.40E-02                                                               | 1.50E-02 | 2.60E-02 | 3.71E-02 | 3.90E-02 | 4.73E-02 | 5.73E-02 | 7.16E-02 | 2.15E-02                         | 1.43E-03          | 7.57E-05         | 1.59E-02          | 0.00E+00                |
| Missouri                                                                                        | Saline         | 29195 | U                    | 2.76E-05                                                               | 2.76E-05 | 2.94E-05 | 6.21E-05 | 8.43E-05 | 1.36E-04 | 1.91E-04 | 1.91E-04 | 2.13E-07                         | 6.87E-05          | 1.54E-05         | 0.00E+00          | 0.00E+00                |
| Missouri                                                                                        | Schuyler       | 29197 | R                    | 1.11E-05                                                               | 1.11E-05 | 1.11E-05 | 1.46E-05 | 1.46E-05 | 1.82E-05 | 1.82E-05 | 1.82E-05 | 0.00E+00                         | 6.11E-06          | 1.58E-06         | 6.92E-06          | 0.00E+00                |
| Missouri                                                                                        | Scotland       | 29199 | R                    | 6.77E-06                                                               | 6.77E-06 | 6.77E-06 | 3.22E-05 | 3.22E-05 | 5.76E-05 | 5.76E-05 | 5.76E-05 | 0.00E+00                         | 2.95E-05          | 2.64E-06         | 0.00E+00          | 0.00E+00                |
| Missouri                                                                                        | Scott          | 29201 | U                    | 6.05E-05                                                               | 6.48E-05 | 6.51E-05 | 1.46E-04 | 1.37E-04 | 1.75E-04 | 1.96E-04 | 2.95E-04 | 1.16E-05                         | 9.61E-05          | 2.90E-05         | 0.00E+00          | 0.00E+00                |
| Missouri                                                                                        | Shannon        | 29203 | R                    | 5.89E-06                                                               | 5.89E-06 | 5.89E-06 | 1.65E-05 | 1.65E-05 | 2.72E-05 | 2.72E-05 | 2.72E-05 | 0.00E+00                         | 1.46E-05          | 1.94E-06         | 0.00E+00          | 0.00E+00                |
| Missouri                                                                                        | Shelby         | 29205 | R                    | 4.72E-05                                                               | 4.72E-05 | 4.72E-05 | 1.07E-04 | 9.21E-05 | 1.23E-04 | 1.23E-04 | 1.23E-04 | 4.87E-07                         | 8.80E-05          | 2.43E-06         | 1.23E-06          | 0.00E+00                |
| Missouri                                                                                        | Stoddard       | 29207 | R                    | 2.52E-05                                                               | 2.52E-05 | 2.78E-05 | 3.64E-05 | 6.43E-05 | 1.01E-04 | 1.58E-04 | 1.58E-04 | 4.02E-06                         | 4.69E-05          | 1.34E-05         | 0.00E+00          | 0.00E+00                |
| Missouri                                                                                        | Stone          | 29209 | R                    | 3.42E-05                                                               | 3.42E-05 | 4.18E-05 | 8.20E-05 | 3.79E-04 | 1.85E-04 | 1.55E-03 | 1.55E-03 | 2.72E-04                         | 5.90E-05          | 8.73E-06         | 3.89E-05          | 0.00E+00                |
| Missouri                                                                                        | Sullivan       | 29211 | R                    | 6.04E-06                                                               | 6.04E-06 | 6.04E-06 | 8.65E-06 | 8.33E-06 | 1.03E-05 | 1.03E-05 | 1.03E-05 | 0.00E+00                         | 5.46E-06          | 1.81E-06         | 1.05E-06          | 0.00E+00                |
| Missouri                                                                                        | Taney          | 29213 | R                    | 5.44E-05                                                               | 5.44E-05 | 2.40E-04 | 3.69E-04 | 4.65E-04 | 7.44E-04 | 9.14E-04 | 9.14E-04 | 3.54E-04                         | 7.87E-05          | 1.54E-05         | 1.62E-05          | 0.00E+00                |
| Missouri                                                                                        | Texas          | 29215 | R                    | 1.29E-05                                                               | 1.29E-05 | 1.41E-05 | 1.56E-05 | 1.54E-05 | 1.68E-05 | 1.77E-05 | 1.77E-05 | 0.00E+00                         | 9.02E-06          | 3.14E-06         | 3.29E-06          | 0.00E+00                |
| Missouri                                                                                        | Vernon         | 29217 | R                    | 1.09E-05                                                               | 1.09E-05 | 1.49E-05 | 4.54E-05 | 7.77E-05 | 1.75E-04 | 1.75E-04 | 1.75E-04 | 1.46E-06                         | 6.74E-05          | 8.82E-06         | 0.00E+00          | 0.00E+00                |
| Missouri                                                                                        | Warren         | 29219 | U                    | 5.28E-05                                                               | 5.28E-05 | 5.28E-05 | 5.31E-05 | 5.31E-05 | 5.33E-05 | 5.33E-05 | 5.33E-05 | 5.06E-06                         | 3.51E-05          | 1.25E-05         | 3.17E-07          | 0.00E+00                |
| Missouri                                                                                        | Washington     | 29221 | R                    | 7.06E-04                                                               | 7.06E-04 | 1.15E-02 | 1.69E-02 | 1.41E-02 | 1.80E-02 | 2.35E-02 | 2.35E-02 | 1.38E-02                         | 3.37E-04          | 1.14E-05         | 0.00E+00          | 0.00E+00                |
| Missouri                                                                                        | Wayne          | 29223 | R                    | 1.31E-05                                                               | 1.31E-05 | 1.35E-05 | 2.07E-03 | 6.64E-03 | 1.33E-02 | 2.24E-02 | 2.24E-02 | 6.63E-03                         | 9.97E-06          | 3.39E-06         | 0.00E+00          | 0.00E+00                |
| Missouri                                                                                        | Webster        | 29225 | U                    | 1.03E-04                                                               | 1.03E-04 | 1.31E-04 | 1.71E-04 | 1.76E-04 | 2.20E-04 | 2.58E-04 | 2.58E-04 | 2.28E-06                         | 9.65E-05          | 1.02E-05         | 6.66E-05          | 0.00E+00                |

| Estimated Annual Average Ambient Concentrations (µg/m <sup>3</sup> ) for Lead Compounds |                    |       |                      |                                                                        |          |          |          |          |          |          |          |                                  |                   |                  |                   |                         |
|-----------------------------------------------------------------------------------------|--------------------|-------|----------------------|------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------------------------------|-------------------|------------------|-------------------|-------------------------|
| State                                                                                   | County             | FIPS  | Urban<br>or<br>Rural | Percentile Distribution of Ambient Concentrations Across Census Tracts |          |          |          |          |          |          |          | Contribution to Average from ... |                   |                  |                   |                         |
|                                                                                         |                    |       |                      | 5th                                                                    | 10th     | 25th     | Median   | Average  | 75th     | 90th     | 95th     | Major                            | Area and<br>Other | Onroad<br>Mobile | Nonroad<br>Mobile | Estimated<br>Background |
| Missouri                                                                                | Worth              | 29227 | R                    | 5.37E-06                                                               | 5.37E-06 | 5.37E-06 | 5.37E-06 | 5.37E-06 | 5.37E-06 | 5.37E-06 | 5.37E-06 | 0.00E+00                         | 3.94E-06          | 1.43E-06         | 0.00E+00          | 0.00E+00                |
| Missouri                                                                                | Wright             | 29229 | R                    | 1.09E-05                                                               | 1.09E-05 | 1.15E-05 | 1.55E-05 | 1.66E-05 | 2.17E-05 | 2.46E-05 | 2.46E-05 | 0.00E+00                         | 1.16E-05          | 5.05E-06         | 0.00E+00          | 0.00E+00                |
| Missouri                                                                                | St. Louis City     | 29510 | U                    | 1.44E-02                                                               | 1.86E-02 | 2.13E-02 | 2.44E-02 | 2.52E-02 | 2.93E-02 | 3.31E-02 | 3.42E-02 | 1.47E-02                         | 4.05E-03          | 1.04E-04         | 6.34E-03          | 0.00E+00                |
| Montana                                                                                 | Statewide          | N/A   | N/A                  | 6.91E-07                                                               | 1.09E-06 | 6.05E-06 | 7.00E-05 | 8.89E-04 | 1.11E-03 | 2.41E-03 | 4.53E-03 | 2.24E-04                         | 2.67E-04          | 7.63E-06         | 3.91E-04          | 0.00E+00                |
| Montana                                                                                 | All Urban Counties | N/A   | U                    | 6.06E-06                                                               | 8.64E-06 | 1.63E-04 | 1.03E-03 | 1.68E-03 | 2.28E-03 | 4.53E-03 | 5.53E-03 | 4.02E-04                         | 5.14E-04          | 1.23E-05         | 7.53E-04          | 0.00E+00                |
| Montana                                                                                 | All Rural Counties | N/A   | R                    | 3.49E-07                                                               | 6.91E-07 | 1.45E-06 | 1.06E-05 | 1.39E-04 | 4.78E-05 | 2.26E-04 | 5.98E-04 | 5.56E-05                         | 3.25E-05          | 3.18E-06         | 4.79E-05          | 0.00E+00                |
| Montana                                                                                 | Beaverhead         | 30001 | R                    | 9.02E-07                                                               | 9.02E-07 | 1.39E-06 | 1.45E-06 | 1.73E-05 | 1.06E-05 | 7.23E-05 | 7.23E-05 | 0.00E+00                         | 1.56E-05          | 1.72E-06         | 0.00E+00          | 0.00E+00                |
| Montana                                                                                 | Big Horn           | 30003 | R                    | 1.09E-06                                                               | 1.09E-06 | 1.76E-06 | 5.51E-06 | 9.22E-06 | 1.67E-05 | 2.48E-05 | 2.48E-05 | 1.70E-06                         | 2.41E-06          | 5.48E-07         | 4.57E-06          | 0.00E+00                |
| Montana                                                                                 | Blaine             | 30005 | R                    | 9.22E-07                                                               | 9.22E-07 | 9.22E-07 | 1.65E-06 | 2.79E-06 | 5.80E-06 | 5.80E-06 | 5.80E-06 | 0.00E+00                         | 1.17E-06          | 2.33E-07         | 1.39E-06          | 0.00E+00                |
| Montana                                                                                 | Broadwater         | 30007 | R                    | 2.24E-05                                                               | 2.24E-05 | 2.24E-05 | 2.35E-05 | 2.35E-05 | 2.47E-05 | 2.47E-05 | 2.47E-05 | 0.00E+00                         | 1.60E-05          | 1.17E-06         | 6.29E-06          | 0.00E+00                |
| Montana                                                                                 | Carbon             | 30009 | R                    | 1.60E-05                                                               | 1.60E-05 | 2.61E-05 | 3.49E-05 | 4.54E-05 | 4.26E-05 | 1.18E-04 | 1.18E-04 | 2.19E-05                         | 1.64E-05          | 2.14E-06         | 4.97E-06          | 0.00E+00                |
| Montana                                                                                 | Carter             | 30011 | R                    | 1.95E-07                                                               | 1.95E-07 | 1.95E-07 | 2.72E-07 | 2.72E-07 | 3.49E-07 | 3.49E-07 | 3.49E-07 | 0.00E+00                         | 2.21E-07          | 5.03E-08         | 0.00E+00          | 0.00E+00                |
| Montana                                                                                 | Cascade            | 30013 | U                    | 1.18E-04                                                               | 1.80E-04 | 7.89E-04 | 1.44E-03 | 1.81E-03 | 2.23E-03 | 2.55E-03 | 4.55E-03 | 1.79E-04                         | 1.27E-04          | 5.63E-06         | 1.50E-03          | 0.00E+00                |
| Montana                                                                                 | Chouteau           | 30015 | R                    | 7.87E-07                                                               | 7.87E-07 | 7.87E-07 | 1.73E-06 | 1.47E-06 | 1.90E-06 | 1.90E-06 | 1.90E-06 | 0.00E+00                         | 1.30E-06          | 1.71E-07         | 0.00E+00          | 0.00E+00                |
| Montana                                                                                 | Custer             | 30017 | U                    | 5.59E-06                                                               | 5.59E-06 | 7.99E-06 | 2.22E-04 | 4.26E-04 | 7.52E-04 | 1.14E-03 | 1.14E-03 | 0.00E+00                         | 2.59E-04          | 4.08E-06         | 1.63E-04          | 0.00E+00                |
| Montana                                                                                 | Daniels            | 30019 | R                    | 7.86E-07                                                               | 7.86E-07 | 7.86E-07 | 7.86E-07 | 7.86E-07 | 7.86E-07 | 7.86E-07 | 7.86E-07 | 0.00E+00                         | 6.05E-07          | 1.81E-07         | 0.00E+00          | 0.00E+00                |
| Montana                                                                                 | Dawson             | 30021 | U                    | 1.10E-05                                                               | 1.10E-05 | 1.82E-05 | 5.28E-05 | 8.07E-05 | 1.43E-04 | 2.06E-04 | 2.06E-04 | 3.24E-08                         | 1.41E-05          | 1.85E-06         | 6.48E-05          | 0.00E+00                |
| Montana                                                                                 | Deer Lodge         | 30023 | U                    | 3.05E-05                                                               | 3.05E-05 | 5.06E-05 | 8.87E-05 | 7.92E-05 | 1.08E-04 | 1.09E-04 | 1.09E-04 | 0.00E+00                         | 4.99E-05          | 6.01E-06         | 2.33E-05          | 0.00E+00                |
| Montana                                                                                 | Fallon             | 30025 | R                    | 1.27E-06                                                               | 1.27E-06 | 1.27E-06 | 1.27E-06 | 1.27E-06 | 1.27E-06 | 1.27E-06 | 1.27E-06 | 0.00E+00                         | 1.09E-06          | 1.76E-07         | 0.00E+00          | 0.00E+00                |
| Montana                                                                                 | Fergus             | 30027 | U                    | 1.20E-06                                                               | 1.20E-06 | 3.11E-06 | 2.13E-05 | 1.90E-04 | 4.91E-04 | 6.95E-04 | 6.95E-04 | 0.00E+00                         | 1.64E-05          | 1.55E-06         | 1.72E-04          | 0.00E+00                |
| Montana                                                                                 | Flathead           | 30029 | R                    | 8.91E-05                                                               | 1.07E-04 | 2.05E-04 | 5.61E-04 | 6.69E-04 | 1.02E-03 | 1.46E-03 | 1.80E-03 | 0.00E+00                         | 2.31E-04          | 2.01E-05         | 4.18E-04          | 0.00E+00                |
| Montana                                                                                 | Gallatin           | 30031 | U                    | 8.21E-06                                                               | 7.13E-05 | 1.92E-04 | 3.86E-04 | 4.58E-04 | 7.21E-04 | 7.49E-04 | 1.08E-03 | 7.32E-05                         | 1.60E-04          | 3.09E-05         | 1.94E-04          | 0.00E+00                |
| Montana                                                                                 | Garfield           | 30033 | R                    | 2.96E-07                                                               | 2.96E-07 | 2.96E-07 | 2.96E-07 | 2.96E-07 | 2.96E-07 | 2.96E-07 | 2.96E-07 | 0.00E+00                         | 2.43E-07          | 5.36E-08         | 0.00E+00          | 0.00E+00                |
| Montana                                                                                 | Glacier            | 30035 | R                    | 2.66E-06                                                               | 2.66E-06 | 2.97E-06 | 4.29E-06 | 2.36E-05 | 4.42E-05 | 8.30E-05 | 8.30E-05 | 0.00E+00                         | 2.18E-05          | 1.76E-06         | 0.00E+00          | 0.00E+00                |
| Montana                                                                                 | Golden Valley      | 30037 | R                    | 4.73E-07                                                               | 4.73E-07 | 4.73E-07 | 6.76E-07 | 6.76E-07 | 8.79E-07 | 8.79E-07 | 8.79E-07 | 0.00E+00                         | 4.42E-07          | 2.34E-07         | 0.00E+00          | 0.00E+00                |
| Montana                                                                                 | Granite            | 30039 | R                    | 9.25E-07                                                               | 9.25E-07 | 9.25E-07 | 2.14E-06 | 2.14E-06 | 3.35E-06 | 3.35E-06 | 3.35E-06 | 0.00E+00                         | 1.72E-06          | 4.20E-07         | 0.00E+00          | 0.00E+00                |
| Montana                                                                                 | Hill               | 30041 | U                    | 3.29E-06                                                               | 3.29E-06 | 7.14E-06 | 8.88E-06 | 8.59E-05 | 2.37E-04 | 2.95E-04 | 2.95E-04 | 0.00E+00                         | 4.58E-05          | 3.82E-06         | 3.63E-05          | 0.00E+00                |
| Montana                                                                                 | Jefferson          | 30043 | R                    | 3.78E-05                                                               | 3.78E-05 | 3.78E-05 | 4.55E-05 | 4.55E-05 | 5.32E-05 | 5.32E-05 | 5.32E-05 | 0.00E+00                         | 2.32E-05          | 1.21E-06         | 2.11E-05          | 0.00E+00                |
| Montana                                                                                 | Judith Basin       | 30045 | R                    | 4.22E-07                                                               | 4.22E-07 | 4.22E-07 | 7.53E-07 | 2.67E-06 | 6.84E-06 | 6.84E-06 | 6.84E-06 | 0.00E+00                         | 3.66E-07          | 1.57E-07         | 2.15E-06          | 0.00E+00                |
| Montana                                                                                 | Lake               | 30047 | R                    | 1.75E-05                                                               | 1.75E-05 | 2.06E-05 | 4.73E-05 | 4.35E-05 | 5.38E-05 | 7.41E-05 | 7.41E-05 | 3.09E-06                         | 2.31E-05          | 3.14E-06         | 1.41E-05          | 0.00E+00                |
| Montana                                                                                 | Lewis and Clark    | 30049 | U                    | 6.35E-06                                                               | 6.79E-06 | 1.25E-03 | 2.39E-03 | 4.59E-03 | 5.02E-03 | 6.60E-03 | 2.85E-02 | 1.11E-03                         | 3.33E-03          | 1.95E-05         | 1.33E-04          | 0.00E+00                |
| Montana                                                                                 | Liberty            | 30051 | R                    | 1.83E-06                                                               | 1.83E-06 | 1.83E-06 | 3.53E-06 | 3.53E-06 | 5.24E-06 | 5.24E-06 | 5.24E-06 | 0.00E+00                         | 3.14E-06          | 3.95E-07         | 0.00E+00          | 0.00E+00                |
| Montana                                                                                 | Lincoln            | 30053 | R                    | 3.35E-06                                                               | 3.35E-06 | 6.17E-06 | 8.14E-06 | 5.17E-05 | 1.51E-05 | 2.26E-04 | 2.26E-04 | 0.00E+00                         | 4.84E-05          | 3.33E-06         | 0.00E+00          | 0.00E+00                |
| Montana                                                                                 | McCone             | 30055 | R                    | 6.91E-07                                                               | 6.91E-07 | 6.91E-07 | 7.44E-06 | 7.44E-06 | 1.42E-05 | 1.42E-05 | 1.42E-05 | 0.00E+00                         | 1.02E-06          | 1.39E-07         | 6.28E-06          | 0.00E+00                |
| Montana                                                                                 | Madison            | 30057 | R                    | 5.08E-07                                                               | 5.08E-07 | 1.16E-06 | 1.23E-06 | 4.10E-06 | 2.03E-06 | 1.56E-05 | 1.56E-05 | 0.00E+00                         | 1.15E-06          | 5.48E-07         | 2.40E-06          | 0.00E+00                |
| Montana                                                                                 | Meagher            | 30059 | R                    | 2.20E-07                                                               | 2.20E-07 | 2.20E-07 | 3.13E-07 | 3.13E-07 | 4.06E-07 | 4.06E-07 | 4.06E-07 | 0.00E+00                         | 2.47E-07          | 6.63E-08         | 0.00E+00          | 0.00E+00                |
| Montana                                                                                 | Mineral            | 30061 | R                    | 5.27E-06                                                               | 5.27E-06 | 5.27E-06 | 8.50E-06 | 3.51E-05 | 9.16E-05 | 9.16E-05 | 9.16E-05 | 1.52E-05                         | 6.86E-06          | 8.06E-07         | 1.22E-05          | 0.00E+00                |
| Montana                                                                                 | Missoula           | 30063 | U                    | 1.86E-05                                                               | 1.63E-04 | 3.84E-04 | 1.52E-03 | 1.89E-03 | 2.43E-03 | 5.09E-03 | 6.65E-03 | 1.27E-03                         | 2.53E-04          | 1.05E-05         | 3.59E-04          | 0.00E+00                |
| Montana                                                                                 | Musselshell        | 30065 | R                    | 6.84E-07                                                               | 6.84E-07 | 6.84E-07 | 1.08E-06 | 2.17E-06 | 4.74E-06 | 4.74E-06 | 4.74E-06 | 0.00E+00                         | 1.73E-06          | 4.37E-07         | 0.00E+00          | 0.00E+00                |
| Montana                                                                                 | Park               | 30067 | R                    | 3.44E-06                                                               | 3.44E-06 | 6.93E-05 | 5.98E-04 | 1.59E-03 | 1.19E-03 | 6.07E-03 | 6.07E-03 | 1.50E-03                         | 5.36E-05          | 6.48E-06         | 2.46E-05          | 0.00E+00                |
| Montana                                                                                 | Petroleum          | 30069 | R                    | 1.56E-07                                                               | 1.56E-07 | 1.56E-07 | 1.56E-07 | 1.56E-07 | 1.56E-07 | 1.56E-07 | 1.56E-07 | 0.00E+00                         | 1.05E-07          | 5.07E-08         | 0.00E+00          | 0.00E+00                |
| Montana                                                                                 | Phillips           | 30071 | R                    | 3.15E-07                                                               | 3.15E-07 | 3.15E-07 | 3.94E-07 | 5.94E-07 | 1.07E-06 | 1.07E-06 | 1.07E-06 | 0.00E+00                         | 4.97E-07          | 9.68E-08         | 0.00E+00          | 0.00E+00                |
| Montana                                                                                 | Pondera            | 30073 | R                    | 2.29E-06                                                               | 2.29E-06 | 2.29E-06 | 2.93E-06 | 2.93E-06 | 3.56E-06 | 3.56E-06 | 3.56E-06 | 0.00E+00                         | 2.44E-06          | 4.84E-07         | 0.00E+00          | 0.00E+00                |
| Montana                                                                                 | Powder River       | 30075 | R                    | 2.47E-07                                                               | 2.47E-07 | 2.47E-07 | 2.47E-07 | 2.47E-07 | 2.47E-07 | 2.47E-07 | 2.47E-07 | 0.00E+00                         | 1.02E-07          | 1.44E-07         | 0.00E+00          | 0.00E+00                |
| Montana                                                                                 | Powell             | 30077 | U                    | 8.64E-06                                                               | 8.64E-06 | 8.64E-06 | 1.06E-05 | 1.21E-05 | 1.72E-05 | 1.72E-05 | 1.72E-05 | 0.00E+00                         | 1.10E-05          | 1.11E-06         | 0.00E+00          | 0.00E+00                |
| Montana                                                                                 | Prairie            | 30079 | R                    | 1.26E-06                                                               | 1.26E-06 | 1.26E-06 | 1.26E-06 | 1.26E-06 | 1.26E-06 | 1.26E-06 | 1.26E-06 | 0.00E+00                         | 1.16E-06          | 1.06E-07         | 0.00E+00          | 0.00E+00                |
| Montana                                                                                 | Ravalli            | 30081 | R                    | 1.83E-05                                                               | 1.83E-05 | 4.20E-05 | 4.73E-05 | 6.43E-05 | 7.89E-05 | 1.60E-04 | 1.60E-04 | 1.72E-05                         | 3.35E-05          | 4.34E-06         | 9.25E-06          | 0.00E+00                |
| Montana                                                                                 | Richland           | 30083 | R                    | 1.22E-05                                                               | 1.22E-05 | 1.30E-05 | 3.18E-05 | 1.04E-04 | 1.66E-04 | 2.98E-04 | 2.98E-04 | 5.24E-06                         | 8.97E-06          | 1.71E-06         | 8.83E-05          | 0.00E+00                |
| Montana                                                                                 | Roosevelt          | 30085 | R                    | 5.86E-06                                                               | 5.86E-06 | 5.86E-06 | 6.57E-06 | 3.83E-05 | 1.03E-04 | 1.03E-04 | 1.03E-04 | 1.07E-07                         | 6.10E-06          | 2.46E-06         | 2.97E-05          | 0.00E+00                |
| Montana                                                                                 | Rosebud            | 30087 | R                    | 9.91E-07                                                               | 9.91E-07 | 1.14E-05 | 1.46E-05 | 1.70E-05 | 2.38E-05 | 3.69E-05 | 3.69E-05 | 1.28E-05                         | 3.71E-06          | 5.55E-07         | 0.00E+00          | 0.00E+00                |

| Estimated Annual Average Ambient Concentrations ( $\mu\text{g}/\text{m}^3$ ) for Lead Compounds |                      |       |                      |                                                                        |          |          |          |          |          |          |          |                                  |                   |                  |                   |                         |
|-------------------------------------------------------------------------------------------------|----------------------|-------|----------------------|------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------------------------------|-------------------|------------------|-------------------|-------------------------|
| State                                                                                           | County               | FIPS  | Urban<br>or<br>Rural | Percentile Distribution of Ambient Concentrations Across Census Tracts |          |          |          |          |          |          |          | Contribution to Average from ... |                   |                  |                   |                         |
|                                                                                                 |                      |       |                      | 5th                                                                    | 10th     | 25th     | Median   | Average  | 75th     | 90th     | 95th     | Major                            | Area and<br>Other | Onroad<br>Mobile | Nonroad<br>Mobile | Estimated<br>Background |
| Montana                                                                                         | Sanders              | 30089 | R                    | 2.22E-06                                                               | 2.22E-06 | 2.22E-06 | 6.05E-06 | 7.25E-06 | 1.35E-05 | 1.35E-05 | 1.35E-05 | 0.00E+00                         | 6.37E-06          | 8.80E-07         | 0.00E+00          | 0.00E+00                |
| Montana                                                                                         | Sheridan             | 30091 | R                    | 2.41E-06                                                               | 2.41E-06 | 2.41E-06 | 3.33E-06 | 3.21E-06 | 3.90E-06 | 3.90E-06 | 3.90E-06 | 0.00E+00                         | 2.87E-06          | 3.37E-07         | 0.00E+00          | 0.00E+00                |
| Montana                                                                                         | Silver Bow           | 30093 | U                    | 2.80E-05                                                               | 5.67E-05 | 8.32E-04 | 1.57E-03 | 1.68E-03 | 1.94E-03 | 3.93E-03 | 5.53E-03 | 0.00E+00                         | 1.48E-04          | 2.81E-05         | 1.50E-03          | 0.00E+00                |
| Montana                                                                                         | Stillwater           | 30095 | R                    | 1.63E-06                                                               | 1.63E-06 | 1.52E-05 | 3.55E-05 | 4.85E-05 | 8.18E-05 | 1.21E-04 | 1.21E-04 | 3.52E-05                         | 3.81E-06          | 8.79E-07         | 8.63E-06          | 0.00E+00                |
| Montana                                                                                         | Sweet Grass          | 30097 | R                    | 1.44E-06                                                               | 1.44E-06 | 1.44E-06 | 4.18E-05 | 4.18E-05 | 8.22E-05 | 8.22E-05 | 8.22E-05 | 4.03E-05                         | 1.06E-06          | 4.51E-07         | 0.00E+00          | 0.00E+00                |
| Montana                                                                                         | Teton                | 30099 | R                    | 1.88E-06                                                               | 1.88E-06 | 1.88E-06 | 2.13E-05 | 1.55E-05 | 2.33E-05 | 2.33E-05 | 2.33E-05 | 3.25E-07                         | 2.50E-06          | 5.62E-07         | 1.21E-05          | 0.00E+00                |
| Montana                                                                                         | Toole                | 30101 | U                    | 1.14E-06                                                               | 1.14E-06 | 1.14E-06 | 1.55E-06 | 1.55E-06 | 1.96E-06 | 1.96E-06 | 1.96E-06 | 0.00E+00                         | 1.24E-06          | 3.11E-07         | 0.00E+00          | 0.00E+00                |
| Montana                                                                                         | Treasure             | 30103 | R                    | 8.12E-07                                                               | 8.12E-07 | 8.12E-07 | 8.12E-07 | 8.12E-07 | 8.12E-07 | 8.12E-07 | 8.12E-07 | 0.00E+00                         | 6.11E-07          | 2.01E-07         | 0.00E+00          | 0.00E+00                |
| Montana                                                                                         | Valley               | 30105 | R                    | 1.35E-06                                                               | 1.35E-06 | 5.15E-06 | 1.76E-05 | 2.54E-05 | 4.63E-05 | 5.09E-05 | 5.09E-05 | 0.00E+00                         | 6.67E-06          | 3.41E-07         | 1.84E-05          | 0.00E+00                |
| Montana                                                                                         | Wheatland            | 30107 | R                    | 9.67E-07                                                               | 9.67E-07 | 9.67E-07 | 9.88E-07 | 9.88E-07 | 1.01E-06 | 1.01E-06 | 1.01E-06 | 0.00E+00                         | 7.47E-07          | 2.40E-07         | 0.00E+00          | 0.00E+00                |
| Montana                                                                                         | Wibaux               | 30109 | R                    | 2.15E-06                                                               | 2.15E-06 | 2.15E-06 | 2.15E-06 | 2.15E-06 | 2.15E-06 | 2.15E-06 | 2.15E-06 | 0.00E+00                         | 1.88E-06          | 2.66E-07         | 0.00E+00          | 0.00E+00                |
| Montana                                                                                         | Yellowstone          | 30111 | U                    | 2.78E-04                                                               | 3.30E-04 | 1.03E-03 | 1.90E-03 | 2.17E-03 | 2.82E-03 | 4.63E-03 | 4.83E-03 | 3.73E-04                         | 3.02E-04          | 1.27E-05         | 1.48E-03          | 0.00E+00                |
| Montana                                                                                         | Yellowstone National | 30113 | R                    | 3.33E-06                                                               | 3.33E-06 | 3.33E-06 | 3.33E-06 | 3.33E-06 | 3.33E-06 | 3.33E-06 | 3.33E-06 | 0.00E+00                         | 2.91E-06          | 4.14E-07         | 0.00E+00          | 0.00E+00                |
| Nebraska                                                                                        | Statewide            | N/A   | N/A                  | 3.17E-06                                                               | 9.08E-06 | 7.88E-05 | 6.75E-04 | 1.13E-02 | 1.50E-02 | 3.41E-02 | 5.76E-02 | 3.45E-03                         | 7.48E-03          | 1.88E-05         | 3.43E-04          | 0.00E+00                |
| Nebraska                                                                                        | All Urban Counties   | N/A   | U                    | 4.47E-05                                                               | 1.03E-04 | 4.88E-04 | 2.00E-03 | 1.58E-02 | 2.17E-02 | 4.65E-02 | 6.78E-02 | 4.92E-03                         | 1.04E-02          | 2.58E-05         | 4.87E-04          | 0.00E+00                |
| Nebraska                                                                                        | All Rural Counties   | N/A   | R                    | 9.18E-07                                                               | 1.58E-06 | 5.01E-06 | 4.10E-05 | 8.27E-04 | 1.76E-04 | 8.10E-04 | 1.68E-03 | 2.47E-05                         | 7.90E-04          | 2.60E-06         | 9.49E-06          | 0.00E+00                |
| Nebraska                                                                                        | Adams                | 31001 | U                    | 1.09E-04                                                               | 1.09E-04 | 5.06E-04 | 7.61E-04 | 8.03E-04 | 1.04E-03 | 1.72E-03 | 1.72E-03 | 4.15E-06                         | 5.00E-04          | 2.06E-05         | 2.78E-04          | 0.00E+00                |
| Nebraska                                                                                        | Antelope             | 31003 | R                    | 6.20E-06                                                               | 6.20E-06 | 6.20E-06 | 6.82E-06 | 2.96E-05 | 7.58E-05 | 7.58E-05 | 7.58E-05 | 0.00E+00                         | 2.77E-05          | 1.94E-06         | 0.00E+00          | 0.00E+00                |
| Nebraska                                                                                        | Arthur               | 31005 | R                    | 9.77E-07                                                               | 9.77E-07 | 9.77E-07 | 9.77E-07 | 9.77E-07 | 9.77E-07 | 9.77E-07 | 9.77E-07 | 0.00E+00                         | 9.00E-07          | 7.69E-08         | 0.00E+00          | 0.00E+00                |
| Nebraska                                                                                        | Banner               | 31007 | R                    | 1.14E-04                                                               | 1.14E-04 | 1.14E-04 | 1.14E-04 | 1.14E-04 | 1.14E-04 | 1.14E-04 | 1.14E-04 | 7.47E-05                         | 6.67E-06          | 8.90E-07         | 3.22E-05          | 0.00E+00                |
| Nebraska                                                                                        | Blaine               | 31009 | R                    | 1.57E-07                                                               | 1.57E-07 | 1.57E-07 | 1.57E-07 | 1.57E-07 | 1.57E-07 | 1.57E-07 | 1.57E-07 | 0.00E+00                         | 6.38E-08          | 9.27E-08         | 0.00E+00          | 0.00E+00                |
| Nebraska                                                                                        | Boone                | 31011 | R                    | 7.27E-05                                                               | 7.27E-05 | 7.27E-05 | 7.28E-05 | 7.28E-05 | 7.29E-05 | 7.29E-05 | 7.29E-05 | 0.00E+00                         | 6.95E-05          | 3.35E-06         | 0.00E+00          | 0.00E+00                |
| Nebraska                                                                                        | Box Butte            | 31013 | U                    | 1.45E-05                                                               | 1.45E-05 | 1.45E-05 | 1.03E-04 | 1.46E-04 | 3.20E-04 | 3.20E-04 | 3.20E-04 | 0.00E+00                         | 1.92E-05          | 3.69E-06         | 1.23E-04          | 0.00E+00                |
| Nebraska                                                                                        | Boyd                 | 31015 | R                    | 2.58E-06                                                               | 2.58E-06 | 2.58E-06 | 2.58E-06 | 2.58E-06 | 2.58E-06 | 2.58E-06 | 2.58E-06 | 0.00E+00                         | 2.01E-06          | 5.72E-07         | 0.00E+00          | 0.00E+00                |
| Nebraska                                                                                        | Brown                | 31017 | R                    | 2.46E-06                                                               | 2.46E-06 | 2.46E-06 | 2.46E-06 | 2.46E-06 | 2.46E-06 | 2.46E-06 | 2.46E-06 | 0.00E+00                         | 2.15E-06          | 3.05E-07         | 0.00E+00          | 0.00E+00                |
| Nebraska                                                                                        | Buffalo              | 31019 | U                    | 4.33E-05                                                               | 4.33E-05 | 1.14E-04 | 1.80E-04 | 2.29E-04 | 3.53E-04 | 5.12E-04 | 5.12E-04 | 1.61E-07                         | 1.77E-04          | 1.29E-05         | 3.88E-05          | 0.00E+00                |
| Nebraska                                                                                        | Burt                 | 31021 | R                    | 3.18E-05                                                               | 3.18E-05 | 3.18E-05 | 6.19E-05 | 1.65E-04 | 4.01E-04 | 4.01E-04 | 4.01E-04 | 4.49E-06                         | 1.58E-04          | 2.00E-06         | 7.44E-07          | 0.00E+00                |
| Nebraska                                                                                        | Butler               | 31023 | R                    | 1.16E-04                                                               | 1.16E-04 | 1.16E-04 | 1.79E-04 | 2.03E-04 | 3.14E-04 | 3.14E-04 | 3.14E-04 | 1.65E-04                         | 2.38E-05          | 3.28E-06         | 1.05E-05          | 0.00E+00                |
| Nebraska                                                                                        | Cass                 | 31025 | U                    | 4.27E-04                                                               | 4.27E-04 | 7.69E-04 | 3.25E-03 | 3.33E-03 | 5.79E-03 | 6.51E-03 | 6.51E-03 | 1.55E-03                         | 1.36E-03          | 9.74E-06         | 4.10E-04          | 0.00E+00                |
| Nebraska                                                                                        | Cedar                | 31027 | R                    | 1.41E-05                                                               | 1.41E-05 | 1.41E-05 | 3.62E-05 | 4.02E-04 | 1.16E-03 | 1.16E-03 | 1.16E-03 | 0.00E+00                         | 2.78E-04          | 5.13E-06         | 1.20E-04          | 0.00E+00                |
| Nebraska                                                                                        | Chase                | 31029 | R                    | 2.91E-06                                                               | 2.91E-06 | 2.91E-06 | 2.91E-06 | 2.91E-06 | 2.91E-06 | 2.91E-06 | 2.91E-06 | 0.00E+00                         | 2.51E-06          | 4.04E-07         | 0.00E+00          | 0.00E+00                |
| Nebraska                                                                                        | Cherry               | 31031 | R                    | 5.50E-07                                                               | 5.50E-07 | 5.50E-07 | 1.26E-06 | 1.26E-06 | 1.97E-06 | 1.97E-06 | 1.97E-06 | 0.00E+00                         | 1.05E-06          | 2.15E-07         | 0.00E+00          | 0.00E+00                |
| Nebraska                                                                                        | Cheyenne             | 31033 | U                    | 4.30E-06                                                               | 4.30E-06 | 4.30E-06 | 7.82E-05 | 7.09E-05 | 1.30E-04 | 1.30E-04 | 1.30E-04 | 0.00E+00                         | 4.59E-05          | 5.70E-06         | 1.92E-05          | 0.00E+00                |
| Nebraska                                                                                        | Clay                 | 31035 | R                    | 4.13E-05                                                               | 4.13E-05 | 4.13E-05 | 5.11E-05 | 5.11E-05 | 6.09E-05 | 6.09E-05 | 6.09E-05 | 1.24E-06                         | 3.93E-05          | 1.97E-06         | 8.67E-06          | 0.00E+00                |
| Nebraska                                                                                        | Colfax               | 31037 | R                    | 1.08E-04                                                               | 1.08E-04 | 1.08E-04 | 1.27E-04 | 2.40E-04 | 4.83E-04 | 4.83E-04 | 4.83E-04 | 6.52E-05                         | 1.65E-04          | 4.05E-06         | 5.49E-06          | 0.00E+00                |
| Nebraska                                                                                        | Cuming               | 31039 | R                    | 1.11E-04                                                               | 1.11E-04 | 1.11E-04 | 2.27E-04 | 5.54E-04 | 1.33E-03 | 1.33E-03 | 1.33E-03 | 2.91E-06                         | 5.40E-04          | 3.05E-06         | 8.32E-06          | 0.00E+00                |
| Nebraska                                                                                        | Custer               | 31041 | R                    | 3.16E-06                                                               | 3.16E-06 | 3.18E-06 | 4.17E-06 | 1.06E-05 | 1.81E-05 | 3.10E-05 | 3.10E-05 | 0.00E+00                         | 9.43E-06          | 1.19E-06         | 0.00E+00          | 0.00E+00                |
| Nebraska                                                                                        | Dakota               | 31043 | U                    | 1.30E-04                                                               | 1.30E-04 | 3.67E-04 | 1.36E-03 | 1.68E-03 | 3.00E-03 | 3.87E-03 | 3.87E-03 | 2.14E-05                         | 1.61E-03          | 8.54E-06         | 4.32E-05          | 0.00E+00                |
| Nebraska                                                                                        | Dawes                | 31045 | U                    | 1.28E-05                                                               | 1.28E-05 | 1.28E-05 | 3.29E-05 | 3.29E-05 | 5.31E-05 | 5.31E-05 | 5.31E-05 | 0.00E+00                         | 9.41E-06          | 2.01E-06         | 2.15E-05          | 0.00E+00                |
| Nebraska                                                                                        | Dawson               | 31047 | U                    | 3.11E-05                                                               | 3.11E-05 | 3.73E-05 | 1.31E-04 | 2.31E-04 | 1.46E-04 | 1.08E-03 | 1.08E-03 | 1.75E-04                         | 4.78E-05          | 5.67E-06         | 2.98E-06          | 0.00E+00                |
| Nebraska                                                                                        | Deuel                | 31049 | R                    | 4.62E-06                                                               | 4.62E-06 | 4.62E-06 | 4.62E-06 | 4.62E-06 | 4.62E-06 | 4.62E-06 | 4.62E-06 | 0.00E+00                         | 3.88E-06          | 7.37E-07         | 0.00E+00          | 0.00E+00                |
| Nebraska                                                                                        | Dixon                | 31051 | R                    | 5.13E-05                                                               | 5.13E-05 | 5.13E-05 | 1.11E-04 | 1.11E-04 | 1.70E-04 | 1.70E-04 | 1.70E-04 | 2.27E-05                         | 7.86E-05          | 2.32E-06         | 7.12E-06          | 0.00E+00                |
| Nebraska                                                                                        | Dodge                | 31053 | U                    | 1.59E-03                                                               | 1.59E-03 | 2.33E-02 | 5.57E-02 | 5.78E-02 | 6.82E-02 | 1.88E-01 | 1.88E-01 | 7.13E-05                         | 5.77E-02          | 2.48E-05         | 0.00E+00          | 0.00E+00                |
| Nebraska                                                                                        | Douglas              | 31055 | U                    | 9.01E-03                                                               | 1.19E-02 | 1.75E-02 | 2.74E-02 | 3.69E-02 | 4.62E-02 | 6.96E-02 | 8.01E-02 | 1.28E-02                         | 2.33E-02          | 4.09E-05         | 8.68E-04          | 0.00E+00                |
| Nebraska                                                                                        | Dundy                | 31057 | R                    | 1.44E-06                                                               | 1.44E-06 | 1.44E-06 | 1.44E-06 | 1.44E-06 | 1.44E-06 | 1.44E-06 | 1.44E-06 | 0.00E+00                         | 1.18E-06          | 2.66E-07         | 0.00E+00          | 0.00E+00                |
| Nebraska                                                                                        | Fillmore             | 31059 | R                    | 1.47E-05                                                               | 1.47E-05 | 1.47E-05 | 1.47E-05 | 1.47E-05 | 1.47E-05 | 1.47E-05 | 1.47E-05 | 0.00E+00                         | 1.23E-05          | 2.45E-06         | 0.00E+00          | 0.00E+00                |
| Nebraska                                                                                        | Franklin             | 31061 | R                    | 3.98E-06                                                               | 3.98E-06 | 3.98E-06 | 9.90E-06 | 9.90E-06 | 1.58E-05 | 1.58E-05 | 1.58E-05 | 0.00E+00                         | 6.70E-06          | 8.45E-07         | 2.36E-06          | 0.00E+00                |
| Nebraska                                                                                        | Frontier             | 31063 | R                    | 1.21E-05                                                               | 1.21E-05 | 1.21E-05 | 1.21E-05 | 1.21E-05 | 1.21E-05 | 1.21E-05 | 1.21E-05 | 2.84E-06                         | 2.54E-06          | 4.85E-07         | 6.26E-06          | 0.00E+00                |
| Nebraska                                                                                        | Furnas               | 31065 | R                    | 4.97E-06                                                               | 4.97E-06 | 4.97E-06 | 9.08E-06 | 1.92E-05 | 4.35E-05 | 4.35E-05 | 4.35E-05 | 0.00E+00                         | 1.83E-05          | 8.49E-07         | 0.00E+00          | 0.00E+00                |
| Nebraska                                                                                        | Gage                 | 31067 | U                    | 4.08E-05                                                               | 4.08E-05 | 1.72E-04 | 2.35E-04 | 2.74E-04 | 4.65E-04 | 5.70E-04 | 5.70E-04 | 1.29E-05                         | 2.51E-04          | 1.00E-05         | 0.00E+00          | 0.00E+00                |

| Estimated Annual Average Ambient Concentrations ( $\mu\text{g}/\text{m}^3$ ) for Lead Compounds |              |       |                      |                                                                        |          |          |          |          |          |          |          |                                  |                   |                  |                   |                         |
|-------------------------------------------------------------------------------------------------|--------------|-------|----------------------|------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------------------------------|-------------------|------------------|-------------------|-------------------------|
| State                                                                                           | County       | FIPS  | Urban<br>or<br>Rural | Percentile Distribution of Ambient Concentrations Across Census Tracts |          |          |          |          |          |          |          | Contribution to Average from ... |                   |                  |                   |                         |
|                                                                                                 |              |       |                      | 5th                                                                    | 10th     | 25th     | Median   | Average  | 75th     | 90th     | 95th     | Major                            | Area and<br>Other | Onroad<br>Mobile | Nonroad<br>Mobile | Estimated<br>Background |
| Nebraska                                                                                        | Garden       | 31069 | R                    | 1.58E-06                                                               | 1.58E-06 | 1.58E-06 | 1.58E-06 | 1.58E-06 | 1.58E-06 | 1.58E-06 | 1.58E-06 | 0.00E+00                         | 1.37E-06          | 2.09E-07         | 0.00E+00          | 0.00E+00                |
| Nebraska                                                                                        | Garfield     | 31071 | R                    | 5.01E-06                                                               | 5.01E-06 | 5.01E-06 | 5.01E-06 | 5.01E-06 | 5.01E-06 | 5.01E-06 | 5.01E-06 | 0.00E+00                         | 4.59E-06          | 4.22E-07         | 0.00E+00          | 0.00E+00                |
| Nebraska                                                                                        | Gosper       | 31073 | R                    | 1.23E-05                                                               | 1.23E-05 | 1.23E-05 | 1.23E-05 | 1.23E-05 | 1.23E-05 | 1.23E-05 | 1.23E-05 | 7.62E-06                         | 3.70E-06          | 9.71E-07         | 0.00E+00          | 0.00E+00                |
| Nebraska                                                                                        | Grant        | 31075 | R                    | 1.48E-07                                                               | 1.48E-07 | 1.48E-07 | 1.48E-07 | 1.48E-07 | 1.48E-07 | 1.48E-07 | 1.48E-07 | 0.00E+00                         | 6.29E-08          | 8.50E-08         | 0.00E+00          | 0.00E+00                |
| Nebraska                                                                                        | Greeley      | 31077 | R                    | 4.47E-06                                                               | 4.47E-06 | 4.47E-06 | 4.47E-06 | 4.47E-06 | 4.47E-06 | 4.47E-06 | 4.47E-06 | 0.00E+00                         | 3.81E-06          | 6.58E-07         | 0.00E+00          | 0.00E+00                |
| Nebraska                                                                                        | Hall         | 31079 | U                    | 1.24E-04                                                               | 1.77E-04 | 3.96E-04 | 6.53E-04 | 1.05E-03 | 1.25E-03 | 1.88E-03 | 4.91E-03 | 4.20E-06                         | 1.01E-03          | 2.09E-05         | 1.11E-05          | 0.00E+00                |
| Nebraska                                                                                        | Hamilton     | 31081 | R                    | 2.40E-05                                                               | 2.40E-05 | 2.40E-05 | 6.21E-05 | 5.34E-05 | 7.41E-05 | 7.41E-05 | 7.41E-05 | 1.64E-06                         | 4.53E-05          | 3.64E-06         | 2.81E-06          | 0.00E+00                |
| Nebraska                                                                                        | Harlan       | 31083 | R                    | 4.65E-06                                                               | 4.65E-06 | 4.65E-06 | 5.24E-06 | 5.24E-06 | 5.83E-06 | 5.83E-06 | 5.83E-06 | 0.00E+00                         | 4.40E-06          | 8.41E-07         | 0.00E+00          | 0.00E+00                |
| Nebraska                                                                                        | Hayes        | 31085 | R                    | 9.18E-07                                                               | 9.18E-07 | 9.18E-07 | 9.18E-07 | 9.18E-07 | 9.18E-07 | 9.18E-07 | 9.18E-07 | 0.00E+00                         | 6.55E-07          | 2.63E-07         | 0.00E+00          | 0.00E+00                |
| Nebraska                                                                                        | Hitchcock    | 31087 | R                    | 3.17E-06                                                               | 3.17E-06 | 3.17E-06 | 3.17E-06 | 3.17E-06 | 3.17E-06 | 3.17E-06 | 3.17E-06 | 0.00E+00                         | 5.08E-07          | 3.98E-07         | 2.26E-06          | 0.00E+00                |
| Nebraska                                                                                        | Holt         | 31089 | R                    | 2.44E-06                                                               | 2.44E-06 | 3.13E-06 | 5.89E-06 | 9.70E-06 | 1.63E-05 | 2.46E-05 | 2.46E-05 | 0.00E+00                         | 8.44E-06          | 1.26E-06         | 0.00E+00          | 0.00E+00                |
| Nebraska                                                                                        | Hooker       | 31091 | R                    | 1.32E-06                                                               | 1.32E-06 | 1.32E-06 | 1.32E-06 | 1.32E-06 | 1.32E-06 | 1.32E-06 | 1.32E-06 | 0.00E+00                         | 1.05E-06          | 2.74E-07         | 0.00E+00          | 0.00E+00                |
| Nebraska                                                                                        | Howard       | 31093 | R                    | 4.56E-05                                                               | 4.56E-05 | 4.56E-05 | 4.84E-05 | 4.84E-05 | 5.12E-05 | 5.12E-05 | 5.12E-05 | 2.70E-06                         | 4.22E-05          | 3.24E-06         | 2.58E-07          | 0.00E+00                |
| Nebraska                                                                                        | Jefferson    | 31095 | R                    | 6.94E-04                                                               | 6.94E-04 | 6.94E-04 | 2.04E-02 | 1.67E-02 | 2.91E-02 | 2.91E-02 | 2.91E-02 | 1.09E-06                         | 1.67E-02          | 6.73E-06         | 0.00E+00          | 0.00E+00                |
| Nebraska                                                                                        | Johnson      | 31097 | R                    | 7.93E-04                                                               | 7.93E-04 | 7.93E-04 | 8.20E-04 | 8.20E-04 | 8.46E-04 | 8.46E-04 | 8.46E-04 | 3.37E-06                         | 8.14E-04          | 2.59E-06         | 0.00E+00          | 0.00E+00                |
| Nebraska                                                                                        | Kearney      | 31099 | R                    | 4.53E-05                                                               | 4.53E-05 | 4.53E-05 | 6.20E-05 | 6.20E-05 | 7.88E-05 | 7.88E-05 | 7.88E-05 | 0.00E+00                         | 4.55E-05          | 2.63E-06         | 1.39E-05          | 0.00E+00                |
| Nebraska                                                                                        | Keith        | 31101 | U                    | 7.17E-06                                                               | 7.17E-06 | 1.31E-05 | 4.55E-05 | 1.46E-04 | 2.80E-04 | 4.87E-04 | 4.87E-04 | 1.81E-06                         | 1.41E-04          | 3.66E-06         | 0.00E+00          | 0.00E+00                |
| Nebraska                                                                                        | Keya Paha    | 31103 | R                    | 8.33E-07                                                               | 8.33E-07 | 8.33E-07 | 8.33E-07 | 8.33E-07 | 8.33E-07 | 8.33E-07 | 8.33E-07 | 0.00E+00                         | 6.37E-07          | 1.96E-07         | 0.00E+00          | 0.00E+00                |
| Nebraska                                                                                        | Kimball      | 31105 | U                    | 2.87E-05                                                               | 2.87E-05 | 2.87E-05 | 2.88E-05 | 2.88E-05 | 2.88E-05 | 2.88E-05 | 2.88E-05 | 0.00E+00                         | 2.71E-05          | 1.66E-06         | 0.00E+00          | 0.00E+00                |
| Nebraska                                                                                        | Knox         | 31107 | R                    | 4.13E-06                                                               | 4.13E-06 | 4.13E-06 | 2.56E-05 | 1.91E-05 | 2.74E-05 | 2.74E-05 | 2.74E-05 | 0.00E+00                         | 6.01E-06          | 1.17E-06         | 1.19E-05          | 0.00E+00                |
| Nebraska                                                                                        | Lancaster    | 31109 | U                    | 2.36E-04                                                               | 4.71E-04 | 5.57E-04 | 7.26E-04 | 9.55E-04 | 1.12E-03 | 1.51E-03 | 2.20E-03 | 2.62E-04                         | 2.96E-04          | 2.31E-05         | 3.74E-04          | 0.00E+00                |
| Nebraska                                                                                        | Lincoln      | 31111 | U                    | 7.84E-05                                                               | 7.84E-05 | 1.05E-04 | 2.26E-04 | 3.06E-04 | 3.61E-04 | 8.34E-04 | 8.34E-04 | 1.15E-05                         | 1.32E-04          | 1.29E-05         | 1.50E-04          | 0.00E+00                |
| Nebraska                                                                                        | Logan        | 31113 | R                    | 2.64E-05                                                               | 2.64E-05 | 2.64E-05 | 2.64E-05 | 2.64E-05 | 2.64E-05 | 2.64E-05 | 2.64E-05 | 0.00E+00                         | 8.50E-07          | 3.42E-07         | 2.52E-05          | 0.00E+00                |
| Nebraska                                                                                        | Loup         | 31115 | R                    | 1.44E-06                                                               | 1.44E-06 | 1.44E-06 | 1.44E-06 | 1.44E-06 | 1.44E-06 | 1.44E-06 | 1.44E-06 | 0.00E+00                         | 1.22E-06          | 2.26E-07         | 0.00E+00          | 0.00E+00                |
| Nebraska                                                                                        | McPherson    | 31117 | R                    | 3.56E-07                                                               | 3.56E-07 | 3.56E-07 | 3.56E-07 | 3.56E-07 | 3.56E-07 | 3.56E-07 | 3.56E-07 | 0.00E+00                         | 2.35E-07          | 1.22E-07         | 0.00E+00          | 0.00E+00                |
| Nebraska                                                                                        | Madison      | 31119 | U                    | 4.47E-05                                                               | 4.47E-05 | 2.17E-04 | 4.30E-04 | 5.41E-04 | 7.61E-04 | 1.47E-03 | 1.47E-03 | 0.00E+00                         | 2.05E-04          | 1.77E-05         | 3.19E-04          | 0.00E+00                |
| Nebraska                                                                                        | Merrick      | 31121 | R                    | 1.68E-05                                                               | 1.68E-05 | 1.68E-05 | 3.13E-05 | 3.29E-05 | 5.05E-05 | 5.05E-05 | 5.05E-05 | 5.74E-06                         | 2.38E-05          | 3.26E-06         | 4.53E-08          | 0.00E+00                |
| Nebraska                                                                                        | Morrill      | 31123 | R                    | 1.31E-04                                                               | 1.31E-04 | 1.31E-04 | 1.31E-04 | 1.31E-04 | 1.31E-04 | 1.31E-04 | 1.31E-04 | 7.78E-05                         | 5.13E-06          | 9.32E-07         | 4.71E-05          | 0.00E+00                |
| Nebraska                                                                                        | Nance        | 31125 | R                    | 9.12E-06                                                               | 9.12E-06 | 9.12E-06 | 9.12E-06 | 9.12E-06 | 9.12E-06 | 9.12E-06 | 9.12E-06 | 0.00E+00                         | 7.78E-06          | 1.33E-06         | 0.00E+00          | 0.00E+00                |
| Nebraska                                                                                        | Nemaha       | 31127 | R                    | 1.63E-02                                                               | 1.63E-02 | 1.63E-02 | 1.81E-02 | 1.81E-02 | 1.99E-02 | 1.99E-02 | 1.99E-02 | 3.52E-06                         | 1.81E-02          | 4.46E-06         | 0.00E+00          | 0.00E+00                |
| Nebraska                                                                                        | Nuckolls     | 31129 | R                    | 1.45E-05                                                               | 1.45E-05 | 1.45E-05 | 1.53E-05 | 1.53E-05 | 1.60E-05 | 1.60E-05 | 1.60E-05 | 2.11E-07                         | 1.35E-05          | 1.53E-06         | 0.00E+00          | 0.00E+00                |
| Nebraska                                                                                        | Otoe         | 31131 | R                    | 8.49E-05                                                               | 8.49E-05 | 4.82E-04 | 5.07E-04 | 5.41E-04 | 8.10E-04 | 8.21E-04 | 8.21E-04 | 2.34E-05                         | 5.05E-04          | 8.38E-06         | 4.47E-06          | 0.00E+00                |
| Nebraska                                                                                        | Pawnee       | 31133 | R                    | 3.30E-04                                                               | 3.30E-04 | 3.30E-04 | 3.30E-04 | 3.30E-04 | 3.30E-04 | 3.30E-04 | 3.30E-04 | 0.00E+00                         | 3.28E-04          | 1.37E-06         | 0.00E+00          | 0.00E+00                |
| Nebraska                                                                                        | Perkins      | 31135 | R                    | 3.49E-06                                                               | 3.49E-06 | 3.49E-06 | 3.49E-06 | 3.49E-06 | 3.49E-06 | 3.49E-06 | 3.49E-06 | 0.00E+00                         | 3.07E-06          | 4.17E-07         | 0.00E+00          | 0.00E+00                |
| Nebraska                                                                                        | Phelps       | 31137 | U                    | 1.70E-05                                                               | 1.70E-05 | 1.70E-05 | 8.17E-05 | 6.01E-05 | 8.17E-05 | 8.17E-05 | 8.17E-05 | 0.00E+00                         | 5.28E-05          | 4.76E-06         | 2.58E-06          | 0.00E+00                |
| Nebraska                                                                                        | Pierce       | 31139 | R                    | 3.37E-05                                                               | 3.37E-05 | 3.37E-05 | 4.74E-05 | 4.74E-05 | 6.12E-05 | 6.12E-05 | 6.12E-05 | 0.00E+00                         | 1.87E-05          | 2.07E-06         | 2.67E-05          | 0.00E+00                |
| Nebraska                                                                                        | Platte       | 31141 | U                    | 7.86E-05                                                               | 7.86E-05 | 1.54E-04 | 3.73E-04 | 4.05E-04 | 6.73E-04 | 7.11E-04 | 7.11E-04 | 3.12E-04                         | 7.72E-05          | 1.42E-05         | 1.15E-06          | 0.00E+00                |
| Nebraska                                                                                        | Polk         | 31143 | R                    | 3.86E-05                                                               | 3.86E-05 | 3.86E-05 | 4.70E-05 | 7.73E-05 | 1.46E-04 | 1.46E-04 | 1.46E-04 | 5.78E-05                         | 1.64E-05          | 3.21E-06         | 0.00E+00          | 0.00E+00                |
| Nebraska                                                                                        | Red Willow   | 31145 | U                    | 9.20E-05                                                               | 9.20E-05 | 9.20E-05 | 1.65E-04 | 2.67E-04 | 5.44E-04 | 5.44E-04 | 5.44E-04 | 0.00E+00                         | 4.68E-05          | 5.12E-06         | 2.15E-04          | 0.00E+00                |
| Nebraska                                                                                        | Richardson   | 31147 | R                    | 4.79E-04                                                               | 4.79E-04 | 5.41E-04 | 6.47E-04 | 6.91E-04 | 8.41E-04 | 9.93E-04 | 9.93E-04 | 2.90E-04                         | 3.99E-04          | 2.29E-06         | 0.00E+00          | 0.00E+00                |
| Nebraska                                                                                        | Rock         | 31149 | R                    | 4.05E-06                                                               | 4.05E-06 | 4.05E-06 | 4.05E-06 | 4.05E-06 | 4.05E-06 | 4.05E-06 | 4.05E-06 | 0.00E+00                         | 3.60E-06          | 4.54E-07         | 0.00E+00          | 0.00E+00                |
| Nebraska                                                                                        | Saline       | 31151 | R                    | 3.61E-05                                                               | 3.61E-05 | 6.93E-05 | 1.16E-04 | 1.27E-04 | 1.84E-04 | 2.40E-04 | 2.40E-04 | 9.97E-06                         | 9.79E-05          | 3.55E-06         | 1.54E-05          | 0.00E+00                |
| Nebraska                                                                                        | Sarpy        | 31153 | U                    | 2.87E-03                                                               | 4.81E-03 | 6.84E-03 | 1.12E-02 | 1.15E-02 | 1.51E-02 | 1.96E-02 | 2.06E-02 | 4.91E-03                         | 5.72E-03          | 3.17E-05         | 8.14E-04          | 0.00E+00                |
| Nebraska                                                                                        | Saunders     | 31155 | R                    | 4.23E-04                                                               | 4.23E-04 | 9.18E-04 | 1.68E-03 | 1.70E-03 | 1.87E-03 | 3.60E-03 | 3.60E-03 | 1.57E-04                         | 1.49E-03          | 6.77E-06         | 4.11E-05          | 0.00E+00                |
| Nebraska                                                                                        | Scotts Bluff | 31157 | U                    | 2.37E-04                                                               | 3.31E-04 | 4.91E-04 | 1.23E-03 | 1.71E-03 | 3.29E-03 | 3.75E-03 | 3.84E-03 | 8.85E-04                         | 1.32E-04          | 1.66E-05         | 6.74E-04          | 0.00E+00                |
| Nebraska                                                                                        | Seward       | 31159 | R                    | 6.63E-05                                                               | 6.63E-05 | 7.01E-05 | 1.26E-04 | 1.28E-04 | 1.85E-04 | 1.93E-04 | 1.93E-04 | 1.41E-05                         | 8.37E-05          | 7.82E-06         | 2.19E-05          | 0.00E+00                |
| Nebraska                                                                                        | Sheridan     | 31161 | R                    | 1.23E-06                                                               | 1.23E-06 | 1.23E-06 | 3.54E-06 | 3.54E-06 | 5.85E-06 | 5.85E-06 | 5.85E-06 | 0.00E+00                         | 3.00E-06          | 5.32E-07         | 0.00E+00          | 0.00E+00                |
| Nebraska                                                                                        | Sherman      | 31163 | R                    | 8.32E-06                                                               | 8.32E-06 | 8.32E-06 | 8.32E-06 | 8.32E-06 | 8.32E-06 | 8.32E-06 | 8.32E-06 | 0.00E+00                         | 7.19E-06          | 1.12E-06         | 0.00E+00          | 0.00E+00                |
| Nebraska                                                                                        | Sioux        | 31165 | R                    | 9.90E-07                                                               | 9.90E-07 | 9.90E-07 | 9.90E-07 | 9.90E-07 | 9.90E-07 | 9.90E-07 | 9.90E-07 | 5.08E-07                         | 3.23E-07          | 1.60E-07         | 0.00E+00          | 0.00E+00                |
| Nebraska                                                                                        | Stanton      | 31167 | R                    | 1.17E-04                                                               | 1.17E-04 | 1.17E-04 | 1.56E-04 | 1.56E-04 | 1.94E-04 | 1.94E-04 | 1.94E-04 | 0.00E+00                         | 6.65E-05          | 3.20E-06         | 8.58E-05          | 0.00E+00                |

| Estimated Annual Average Ambient Concentrations (µg/m <sup>3</sup> ) for Lead Compounds |                    |            |                      |                                                                        |                 |                 |                 |                 |                 |                 |                 |                                  |                   |                  |                   |                         |
|-----------------------------------------------------------------------------------------|--------------------|------------|----------------------|------------------------------------------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------------------------|-------------------|------------------|-------------------|-------------------------|
| State                                                                                   | County             | FIPS       | Urban<br>or<br>Rural | Percentile Distribution of Ambient Concentrations Across Census Tracts |                 |                 |                 |                 |                 |                 |                 | Contribution to Average from ... |                   |                  |                   |                         |
|                                                                                         |                    |            |                      | 5th                                                                    | 10th            | 25th            | Median          | Average         | 75th            | 90th            | 95th            | Major                            | Area and<br>Other | Onroad<br>Mobile | Nonroad<br>Mobile | Estimated<br>Background |
| Nebraska                                                                                | Thayer             | 31169      | R                    | 1.76E-04                                                               | 1.76E-04        | 1.76E-04        | 1.82E-04        | 1.82E-04        | 1.88E-04        | 1.88E-04        | 1.88E-04        | 0.00E+00                         | 1.80E-04          | 1.91E-06         | 0.00E+00          | 0.00E+00                |
| Nebraska                                                                                | Thomas             | 31171      | R                    | 3.36E-07                                                               | 3.36E-07        | 3.36E-07        | 3.36E-07        | 3.36E-07        | 3.36E-07        | 3.36E-07        | 3.36E-07        | 0.00E+00                         | 2.19E-07          | 1.17E-07         | 0.00E+00          | 0.00E+00                |
| Nebraska                                                                                | Thurston           | 31173      | R                    | 4.36E-05                                                               | 4.36E-05        | 4.36E-05        | 4.48E-05        | 4.48E-05        | 4.59E-05        | 4.59E-05        | 4.59E-05        | 5.52E-06                         | 3.36E-05          | 3.13E-06         | 2.49E-06          | 0.00E+00                |
| Nebraska                                                                                | Valley             | 31175      | R                    | 3.10E-06                                                               | 3.10E-06        | 3.10E-06        | 1.45E-05        | 1.45E-05        | 2.59E-05        | 2.59E-05        | 2.59E-05        | 0.00E+00                         | 1.32E-05          | 1.26E-06         | 0.00E+00          | 0.00E+00                |
| Nebraska                                                                                | Washington         | 31177      | U                    | 3.98E-03                                                               | 3.98E-03        | 3.98E-03        | 5.23E-03        | 5.23E-03        | 7.97E-03        | 7.97E-03        | 7.97E-03        | 2.19E+00                         | 2.90E-03          | 7.78E-06         | 6.32E-04          | 0.00E+00                |
| Nebraska                                                                                | Wayne              | 31179      | U                    | 3.09E-05                                                               | 3.09E-05        | 3.09E-05        | 5.02E-05        | 5.02E-05        | 6.94E-05        | 6.94E-05        | 6.94E-05        | 0.00E+00                         | 3.41E-05          | 3.95E-06         | 1.21E-05          | 0.00E+00                |
| Nebraska                                                                                | Webster            | 31181      | R                    | 6.25E-06                                                               | 6.25E-06        | 6.25E-06        | 2.35E-05        | 2.35E-05        | 4.08E-05        | 4.08E-05        | 4.08E-05        | 1.61E-07                         | 1.77E-05          | 1.12E-06         | 4.52E-06          | 0.00E+00                |
| Nebraska                                                                                | Wheeler            | 31183      | R                    | 1.75E-06                                                               | 1.75E-06        | 1.75E-06        | 1.75E-06        | 1.75E-06        | 1.75E-06        | 1.75E-06        | 1.75E-06        | 0.00E+00                         | 1.40E-06          | 3.44E-07         | 0.00E+00          | 0.00E+00                |
| Nebraska                                                                                | York               | 31185      | U                    | 1.79E-05                                                               | 1.79E-05        | 2.08E-05        | 5.34E-05        | 5.20E-05        | 8.32E-05        | 8.33E-05        | 8.33E-05        | 0.00E+00                         | 4.58E-05          | 6.24E-06         | 0.00E+00          | 0.00E+00                |
| <b>Nevada</b>                                                                           | <b>Statewide</b>   | <b>N/A</b> | <b>N/A</b>           | <b>5.77E-07</b>                                                        | <b>3.36E-06</b> | <b>1.91E-04</b> | <b>1.77E-03</b> | <b>6.63E-03</b> | <b>7.47E-03</b> | <b>1.50E-02</b> | <b>2.36E-02</b> | <b>2.35E-07</b>                  | <b>9.28E-04</b>   | <b>3.37E-05</b>  | <b>5.67E-03</b>   | <b>0.00E+00</b>         |
| Nevada                                                                                  | All Urban Counties | N/A        | U                    | 1.38E-06                                                               | 5.61E-05        | 8.61E-04        | 3.63E-03        | 8.18E-03        | 8.69E-03        | 1.84E-02        | 3.04E-02        | 2.78E-07                         | 1.11E-03          | 4.01E-05         | 7.03E-03          | 0.00E+00                |
| Nevada                                                                                  | All Rural Counties | N/A        | R                    | 1.54E-07                                                               | 4.18E-07        | 1.09E-06        | 7.93E-05        | 1.67E-04        | 1.96E-04        | 3.03E-04        | 6.88E-04        | 5.55E-08                         | 1.46E-04          | 7.06E-06         | 1.38E-05          | 0.00E+00                |
| Nevada                                                                                  | Churchill          | 32001      | R                    | 3.36E-06                                                               | 1.58E-05        | 1.62E-04        | 2.01E-04        | 3.76E-04        | 3.03E-04        | 1.32E-03        | 1.83E-03        | 0.00E+00                         | 3.67E-04          | 8.52E-06         | 2.33E-07          | 0.00E+00                |
| Nevada                                                                                  | Clark              | 32003      | U                    | 7.01E-04                                                               | 9.94E-04        | 2.02E-03        | 6.68E-03        | 1.23E-02        | 1.28E-02        | 2.40E-02        | 4.06E-02        | 4.69E-07                         | 3.67E-04          | 4.14E-05         | 1.19E-02          | 0.00E+00                |
| Nevada                                                                                  | Douglas            | 32005      | R                    | 2.64E-05                                                               | 2.64E-05        | 7.16E-05        | 1.13E-04        | 1.41E-04        | 2.23E-04        | 3.00E-04        | 3.00E-04        | 0.00E+00                         | 6.64E-05          | 2.14E-05         | 5.35E-05          | 0.00E+00                |
| Nevada                                                                                  | Elko               | 32007      | U                    | 5.06E-07                                                               | 1.08E-06        | 1.33E-06        | 4.07E-05        | 3.67E-04        | 5.25E-04        | 1.49E-03        | 1.83E-03        | 0.00E+00                         | 3.95E-05          | 1.69E-05         | 3.10E-04          | 0.00E+00                |
| Nevada                                                                                  | Esmeralda          | 32009      | R                    | 7.70E-08                                                               | 7.70E-08        | 7.70E-08        | 3.66E-07        | 3.66E-07        | 6.55E-07        | 6.55E-07        | 6.55E-07        | 0.00E+00                         | 1.37E-07          | 2.29E-07         | 0.00E+00          | 0.00E+00                |
| Nevada                                                                                  | Eureka             | 32011      | R                    | 1.54E-07                                                               | 1.54E-07        | 1.54E-07        | 1.73E-07        | 4.21E-07        | 5.77E-07        | 1.05E-06        | 1.05E-06        | 0.00E+00                         | 2.41E-07          | 1.80E-07         | 0.00E+00          | 0.00E+00                |
| Nevada                                                                                  | Humboldt           | 32013      | U                    | 1.26E-07                                                               | 1.26E-07        | 2.86E-07        | 2.41E-06        | 3.04E-06        | 6.39E-06        | 6.59E-06        | 6.59E-06        | 6.96E-07                         | 1.37E-06          | 9.75E-07         | 0.00E+00          | 0.00E+00                |
| Nevada                                                                                  | Lander             | 32015      | R                    | 4.51E-07                                                               | 4.51E-07        | 4.51E-07        | 4.51E-07        | 1.48E-06        | 3.53E-06        | 3.53E-06        | 3.53E-06        | 9.62E-07                         | 1.14E-07          | 4.02E-07         | 0.00E+00          | 0.00E+00                |
| Nevada                                                                                  | Lincoln            | 32017      | R                    | 3.16E-07                                                               | 3.16E-07        | 3.67E-07        | 5.25E-07        | 4.99E-07        | 6.31E-07        | 6.31E-07        | 6.31E-07        | 0.00E+00                         | 1.70E-07          | 3.29E-07         | 0.00E+00          | 0.00E+00                |
| Nevada                                                                                  | Lyon               | 32019      | R                    | 5.46E-06                                                               | 5.46E-06        | 1.87E-05        | 1.09E-04        | 1.00E-04        | 1.91E-04        | 2.17E-04        | 2.17E-04        | 0.00E+00                         | 6.65E-05          | 9.24E-06         | 2.45E-05          | 0.00E+00                |
| Nevada                                                                                  | Mineral            | 32021      | R                    | 9.82E-05                                                               | 9.82E-05        | 9.82E-05        | 9.85E-05        | 9.93E-05        | 1.01E-04        | 1.01E-04        | 1.01E-04        | 0.00E+00                         | 9.82E-05          | 1.10E-06         | 0.00E+00          | 0.00E+00                |
| Nevada                                                                                  | Nye                | 32023      | U                    | 4.92E-07                                                               | 4.92E-07        | 6.55E-07        | 6.60E-07        | 4.05E-06        | 3.80E-06        | 1.47E-05        | 1.47E-05        | 0.00E+00                         | 6.28E-07          | 6.51E-07         | 2.77E-06          | 0.00E+00                |
| Nevada                                                                                  | Pershing           | 32027      | R                    | 1.14E-06                                                               | 1.14E-06        | 1.14E-06        | 1.14E-06        | 1.14E-06        | 1.14E-06        | 1.14E-06        | 1.14E-06        | 0.00E+00                         | 7.10E-07          | 4.30E-07         | 0.00E+00          | 0.00E+00                |
| Nevada                                                                                  | Storey             | 32029      | R                    | 3.59E-04                                                               | 3.59E-04        | 3.59E-04        | 3.59E-04        | 3.59E-04        | 3.59E-04        | 3.59E-04        | 3.59E-04        | 0.00E+00                         | 1.93E-04          | 1.77E-05         | 1.49E-04          | 0.00E+00                |
| Nevada                                                                                  | Washoe             | 32031      | U                    | 1.91E-04                                                               | 3.42E-04        | 1.28E-03        | 3.38E-03        | 4.81E-03        | 7.47E-03        | 9.18E-03        | 1.48E-02        | 0.00E+00                         | 3.20E-03          | 3.18E-05         | 1.58E-03          | 0.00E+00                |
| Nevada                                                                                  | White Pine         | 32033      | R                    | 8.21E-06                                                               | 8.21E-06        | 8.21E-06        | 3.29E-05        | 3.19E-05        | 5.47E-05        | 5.47E-05        | 5.47E-05        | 0.00E+00                         | 7.06E-06          | 1.21E-06         | 2.37E-05          | 0.00E+00                |
| Nevada                                                                                  | Carson City        | 32510      | U                    | 4.04E-04                                                               | 4.09E-04        | 4.29E-04        | 6.94E-04        | 1.25E-03        | 9.92E-04        | 1.38E-03        | 7.31E-03        | 0.00E+00                         | 9.81E-04          | 1.35E-04         | 1.36E-04          | 0.00E+00                |
| <b>New Hampshire</b>                                                                    | <b>Statewide</b>   | <b>N/A</b> | <b>N/A</b>           | <b>6.09E-05</b>                                                        | <b>1.20E-04</b> | <b>4.16E-04</b> | <b>9.09E-04</b> | <b>1.86E-03</b> | <b>2.08E-03</b> | <b>4.22E-03</b> | <b>6.08E-03</b> | <b>3.57E-05</b>                  | <b>8.87E-04</b>   | <b>2.61E-05</b>  | <b>9.14E-04</b>   | <b>0.00E+00</b>         |
| New Hampshire                                                                           | All Urban Counties | N/A        | U                    | 6.10E-04                                                               | 6.92E-04        | 8.67E-04        | 1.44E-03        | 2.54E-03        | 2.82E-03        | 5.41E-03        | 7.96E-03        | 4.66E-05                         | 1.19E-03          | 2.86E-05         | 1.27E-03          | 0.00E+00                |
| New Hampshire                                                                           | All Rural Counties | N/A        | R                    | 3.72E-05                                                               | 5.04E-05        | 9.69E-05        | 2.40E-04        | 4.41E-04        | 4.66E-04        | 8.52E-04        | 1.97E-03        | 1.30E-05                         | 2.45E-04          | 2.09E-05         | 1.62E-04          | 0.00E+00                |
| New Hampshire                                                                           | Belknap            | 33001      | R                    | 1.74E-04                                                               | 2.93E-04        | 3.53E-04        | 5.54E-04        | 8.08E-04        | 7.93E-04        | 2.08E-03        | 3.94E-03        | 8.84E-06                         | 7.47E-04          | 3.01E-05         | 2.27E-05          | 0.00E+00                |
| New Hampshire                                                                           | Carroll            | 33003      | R                    | 2.90E-05                                                               | 3.72E-05        | 5.02E-05        | 6.55E-05        | 8.10E-05        | 1.20E-04        | 1.49E-04        | 1.55E-04        | 7.61E-07                         | 7.13E-05          | 8.86E-06         | 7.12E-08          | 0.00E+00                |
| New Hampshire                                                                           | Cheshire           | 33005      | R                    | 1.20E-04                                                               | 1.28E-04        | 2.08E-04        | 3.38E-04        | 7.66E-04        | 5.30E-04        | 2.01E-03        | 3.55E-03        | 1.57E-06                         | 2.04E-04          | 3.56E-05         | 5.24E-04          | 0.00E+00                |
| New Hampshire                                                                           | Coos               | 33007      | R                    | 5.72E-05                                                               | 6.58E-05        | 7.15E-05        | 1.06E-04        | 1.09E-04        | 1.32E-04        | 1.58E-04        | 1.84E-04        | 6.89E-05                         | 3.07E-05          | 9.38E-06         | 7.44E-10          | 0.00E+00                |
| New Hampshire                                                                           | Grafton            | 33009      | R                    | 1.66E-05                                                               | 1.99E-05        | 5.93E-05        | 1.48E-04        | 3.10E-04        | 4.01E-04        | 8.93E-04        | 1.54E-03        | 2.84E-06                         | 1.05E-04          | 1.46E-05         | 1.88E-04          | 0.00E+00                |
| New Hampshire                                                                           | Hillsborough       | 33011      | U                    | 7.59E-04                                                               | 8.47E-04        | 1.15E-03        | 2.16E-03        | 3.48E-03        | 4.01E-03        | 6.08E-03        | 9.78E-03        | 3.91E-05                         | 9.55E-04          | 3.98E-05         | 2.45E-03          | 0.00E+00                |
| New Hampshire                                                                           | Merrimack          | 33013      | U                    | 8.68E-04                                                               | 9.70E-04        | 1.37E-03        | 2.41E-03        | 3.34E-03        | 3.41E-03        | 7.91E-03        | 1.14E-02        | 8.23E-06                         | 3.02E-03          | 1.96E-05         | 2.95E-04          | 0.00E+00                |
| New Hampshire                                                                           | Rockingham         | 33015      | U                    | 6.44E-04                                                               | 6.90E-04        | 7.64E-04        | 9.30E-04        | 1.19E-03        | 1.36E-03        | 1.78E-03        | 2.11E-03        | 9.13E-05                         | 3.59E-04          | 2.55E-05         | 7.09E-04          | 0.00E+00                |
| New Hampshire                                                                           | Strafford          | 33017      | U                    | 3.30E-04                                                               | 3.54E-04        | 5.98E-04        | 7.04E-04        | 1.41E-03        | 1.35E-03        | 3.67E-03        | 6.13E-03        | 2.51E-05                         | 1.27E-03          | 1.18E-05         | 9.68E-05          | 0.00E+00                |
| New Hampshire                                                                           | Sullivan           | 33019      | R                    | 2.34E-04                                                               | 2.34E-04        | 3.02E-04        | 3.14E-04        | 3.62E-04        | 4.16E-04        | 5.76E-04        | 5.76E-04        | 1.36E-05                         | 1.89E-04          | 2.08E-05         | 1.39E-04          | 0.00E+00                |
| <b>New Jersey</b>                                                                       | <b>Statewide</b>   | <b>N/A</b> | <b>N/A</b>           | <b>5.26E-04</b>                                                        | <b>1.04E-03</b> | <b>3.35E-03</b> | <b>7.46E-03</b> | <b>1.14E-02</b> | <b>1.37E-02</b> | <b>2.81E-02</b> | <b>3.78E-02</b> | <b>2.12E-04</b>                  | <b>4.41E-03</b>   | <b>1.08E-04</b>  | <b>6.68E-03</b>   | <b>0.00E+00</b>         |
| New Jersey                                                                              | All Urban Counties | N/A        | U                    | 5.26E-04                                                               | 1.04E-03        | 3.35E-03        | 7.46E-03        | 1.14E-02        | 1.37E-02        | 2.81E-02        | 3.78E-02        | 2.12E-04                         | 4.41E-03          | 1.08E-04         | 6.68E-03          | 0.00E+00                |
| New Jersey                                                                              | Atlantic           | 34001      | U                    | 9.59E-04                                                               | 1.32E-03        | 2.47E-03        | 3.63E-03        | 4.19E-03        | 5.56E-03        | 7.44E-03        | 9.61E-03        | 9.23E-05                         | 3.58E-03          | 3.21E-05         | 4.82E-04          | 0.00E+00                |
| New Jersey                                                                              | Bergen             | 34003      | U                    | 4.74E-03                                                               | 5.08E-03        | 6.55E-03        | 8.59E-03        | 9.37E-03        | 1.09E-02        | 1.44E-02        | 1.62E-02        | 2.75E-04                         | 3.43E-03          | 1.38E-04         | 5.53E-03          | 0.00E+00                |
| New Jersey                                                                              | Burlington         | 34005      | U                    | 9.49E-04                                                               | 1.54E-03        | 3.54E-03        | 5.33E-03        | 5.35E-03        | 7.30E-03        | 8.89E-03        | 1.05E-02        | 1.61E-04                         | 3.25E-03          | 7.04E-05         | 1.87E-03          | 0.00E+00                |
| New Jersey                                                                              | Camden             | 34007      | U                    | 3.48E-03                                                               | 5.14E-03        | 7.95E-03        | 1.16E-02        | 1.26E-02        | 1.56E-02        | 1.98E-02        | 2.17E-02        | 1.55E-04                         | 6.59E-03          | 1.02E-04         | 5.70E-03          | 0.00E+00                |
| New Jersey                                                                              | Cape May           | 34009      | U                    | 1.00E-04                                                               | 1.31E-04        | 1.39E-04        | 1.74E-04        | 3.64E-04        | 5.98E-04        | 8.61E-04        | 8.63E-04        | 1.38E-04                         | 1.90E-04          | 1.69E-05         | 1.91E-05          | 0.00E+00                |
| New Jersey                                                                              | Cumberland         | 34011      | U                    | 9.89E-04                                                               | 1.03E-03        | 1.58E-03        | 3.69E-03        | 6.47E-03        | 9.50E-03        | 1.31E-02        | 1.39E-02        | 1.47E-04                         | 5.40E-03          | 3.72E-05         | 8.89E-04          | 0.00E+00                |

| Estimated Annual Average Ambient Concentrations (µg/m <sup>3</sup> ) for Lead Compounds |                    |       |                      |                                                                        |          |          |          |          |          |          |          |                                  |                   |                  |                   |                         |
|-----------------------------------------------------------------------------------------|--------------------|-------|----------------------|------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------------------------------|-------------------|------------------|-------------------|-------------------------|
| State                                                                                   | County             | FIPS  | Urban<br>or<br>Rural | Percentile Distribution of Ambient Concentrations Across Census Tracts |          |          |          |          |          |          |          | Contribution to Average from ... |                   |                  |                   |                         |
|                                                                                         |                    |       |                      | 5th                                                                    | 10th     | 25th     | Median   | Average  | 75th     | 90th     | 95th     | Major                            | Area and<br>Other | Onroad<br>Mobile | Nonroad<br>Mobile | Estimated<br>Background |
| New Jersey                                                                              | Essex              | 34013 | U                    | 8.17E-03                                                               | 9.58E-03 | 1.19E-02 | 1.68E-02 | 2.30E-02 | 2.54E-02 | 4.64E-02 | 6.27E-02 | 1.81E-04                         | 5.19E-03          | 1.67E-04         | 1.75E-02          | 0.00E+00                |
| New Jersey                                                                              | Gloucester         | 34015 | U                    | 5.47E-03                                                               | 6.18E-03 | 7.59E-03 | 9.75E-03 | 1.36E-02 | 1.71E-02 | 2.50E-02 | 3.35E-02 | 2.15E-04                         | 5.31E-03          | 6.11E-05         | 8.04E-03          | 0.00E+00                |
| New Jersey                                                                              | Hudson             | 34017 | U                    | 2.14E-02                                                               | 2.33E-02 | 2.58E-02 | 3.24E-02 | 3.54E-02 | 4.01E-02 | 4.54E-02 | 5.93E-02 | 4.88E-04                         | 1.26E-02          | 2.56E-04         | 2.20E-02          | 0.00E+00                |
| New Jersey                                                                              | Hunterdon          | 34019 | U                    | 5.87E-04                                                               | 5.97E-04 | 6.47E-04 | 8.29E-04 | 9.00E-04 | 9.76E-04 | 1.33E-03 | 1.63E-03 | 1.96E-04                         | 6.25E-04          | 3.44E-05         | 4.56E-05          | 0.00E+00                |
| New Jersey                                                                              | Mercer             | 34021 | U                    | 1.42E-03                                                               | 1.51E-03 | 1.66E-03 | 1.82E-03 | 1.87E-03 | 1.98E-03 | 2.23E-03 | 2.35E-03 | 4.93E-05                         | 1.64E-03          | 1.00E-04         | 8.13E-05          | 0.00E+00                |
| New Jersey                                                                              | Middlesex          | 34023 | U                    | 3.65E-03                                                               | 4.12E-03 | 5.33E-03 | 6.94E-03 | 9.18E-03 | 1.07E-02 | 1.65E-02 | 1.89E-02 | 1.03E-04                         | 5.89E-03          | 8.89E-05         | 3.09E-03          | 0.00E+00                |
| New Jersey                                                                              | Monmouth           | 34025 | U                    | 1.51E-03                                                               | 1.90E-03 | 2.70E-03 | 4.48E-03 | 4.76E-03 | 6.72E-03 | 7.92E-03 | 8.43E-03 | 9.26E-05                         | 2.75E-03          | 6.41E-05         | 1.86E-03          | 0.00E+00                |
| New Jersey                                                                              | Morris             | 34027 | U                    | 6.17E-04                                                               | 1.10E-03 | 1.78E-03 | 2.57E-03 | 2.66E-03 | 3.59E-03 | 4.18E-03 | 4.38E-03 | 7.15E-05                         | 1.26E-03          | 6.45E-05         | 1.27E-03          | 0.00E+00                |
| New Jersey                                                                              | Ocean              | 34029 | U                    | 2.67E-04                                                               | 3.15E-04 | 3.85E-04 | 5.21E-04 | 5.74E-04 | 7.09E-04 | 9.17E-04 | 9.74E-04 | 5.78E-06                         | 5.15E-04          | 4.38E-05         | 8.66E-06          | 0.00E+00                |
| New Jersey                                                                              | Passaic            | 34031 | U                    | 2.77E-03                                                               | 3.93E-03 | 7.13E-03 | 8.17E-03 | 8.23E-03 | 9.79E-03 | 1.18E-02 | 1.32E-02 | 1.63E-04                         | 3.24E-03          | 1.33E-04         | 4.69E-03          | 0.00E+00                |
| New Jersey                                                                              | Salem              | 34033 | U                    | 1.54E-03                                                               | 1.89E-03 | 2.01E-03 | 2.99E-03 | 3.14E-03 | 4.37E-03 | 4.73E-03 | 5.06E-03 | 5.51E-04                         | 1.34E-03          | 3.35E-05         | 1.22E-03          | 0.00E+00                |
| New Jersey                                                                              | Somerset           | 34035 | U                    | 1.53E-03                                                               | 1.90E-03 | 2.55E-03 | 3.53E-03 | 4.02E-03 | 4.55E-03 | 6.14E-03 | 1.10E-02 | 4.96E-05                         | 2.87E-03          | 6.33E-05         | 1.04E-03          | 0.00E+00                |
| New Jersey                                                                              | Sussex             | 34037 | U                    | 2.12E-04                                                               | 2.83E-04 | 3.65E-04 | 4.79E-04 | 6.24E-04 | 8.62E-04 | 1.04E-03 | 1.23E-03 | 1.48E-05                         | 5.44E-04          | 2.69E-05         | 3.87E-05          | 0.00E+00                |
| New Jersey                                                                              | Union              | 34039 | U                    | 4.64E-03                                                               | 4.98E-03 | 7.21E-03 | 1.35E-02 | 1.84E-02 | 2.51E-02 | 3.78E-02 | 4.73E-02 | 1.81E-04                         | 4.60E-03          | 1.28E-04         | 1.35E-02          | 0.00E+00                |
| New Jersey                                                                              | Warren             | 34041 | U                    | 2.95E-04                                                               | 3.19E-04 | 4.56E-04 | 8.94E-04 | 3.58E-03 | 3.63E-03 | 1.11E-02 | 1.23E-02 | 3.07E-03                         | 3.80E-04          | 3.03E-05         | 1.00E-04          | 0.00E+00                |
| New Mexico                                                                              | Statewide          | N/A   | N/A                  | 1.54E-06                                                               | 4.16E-06 | 4.40E-05 | 2.36E-04 | 2.49E-03 | 3.13E-03 | 7.09E-03 | 1.06E-02 | 8.07E-06                         | 2.60E-04          | 2.94E-05         | 2.19E-03          | 0.00E+00                |
| New Mexico                                                                              | All Urban Counties | N/A   | U                    | 3.91E-06                                                               | 1.00E-05 | 1.06E-04 | 4.32E-04 | 3.29E-03 | 4.48E-03 | 8.69E-03 | 1.30E-02 | 7.43E-06                         | 3.05E-04          | 3.71E-05         | 2.94E-03          | 0.00E+00                |
| New Mexico                                                                              | All Rural Counties | N/A   | R                    | 6.94E-07                                                               | 1.07E-06 | 5.21E-06 | 4.10E-05 | 2.45E-04 | 1.53E-04 | 7.52E-04 | 1.42E-03 | 9.89E-06                         | 1.33E-04          | 7.55E-06         | 9.45E-05          | 0.00E+00                |
| New Mexico                                                                              | Bernalillo         | 35001 | U                    | 2.20E-03                                                               | 2.74E-03 | 4.05E-03 | 5.58E-03 | 7.92E-03 | 8.69E-03 | 1.42E-02 | 2.00E-02 | 0.00E+00                         | 5.33E-04          | 7.15E-05         | 7.32E-03          | 0.00E+00                |
| New Mexico                                                                              | Catron             | 35003 | R                    | 1.24E-07                                                               | 1.24E-07 | 1.24E-07 | 1.61E-07 | 1.61E-07 | 1.97E-07 | 1.97E-07 | 1.97E-07 | 0.00E+00                         | 6.37E-08          | 9.68E-08         | 0.00E+00          | 0.00E+00                |
| New Mexico                                                                              | Chaves             | 35005 | U                    | 2.13E-04                                                               | 2.45E-04 | 3.45E-04 | 1.04E-03 | 1.14E-03 | 1.78E-03 | 2.25E-03 | 2.49E-03 | 1.65E-05                         | 1.21E-04          | 2.21E-05         | 9.78E-04          | 0.00E+00                |
| New Mexico                                                                              | Cibola             | 35006 | R                    | 5.64E-06                                                               | 5.64E-06 | 8.63E-06 | 3.65E-05 | 4.36E-05 | 7.48E-05 | 1.03E-04 | 1.03E-04 | 1.85E-07                         | 3.48E-05          | 8.57E-06         | 0.00E+00          | 0.00E+00                |
| New Mexico                                                                              | Colfax             | 35007 | U                    | 1.68E-06                                                               | 1.68E-06 | 1.88E-06 | 3.11E-06 | 3.07E-06 | 4.27E-06 | 4.39E-06 | 4.39E-06 | 0.00E+00                         | 2.38E-06          | 6.96E-07         | 0.00E+00          | 0.00E+00                |
| New Mexico                                                                              | Curry              | 35009 | U                    | 1.27E-05                                                               | 1.45E-05 | 6.99E-05 | 9.21E-05 | 1.19E-04 | 1.49E-04 | 1.53E-04 | 4.13E-04 | 0.00E+00                         | 5.02E-05          | 1.63E-05         | 5.20E-05          | 0.00E+00                |
| New Mexico                                                                              | DeBaca             | 35011 | R                    | 1.51E-06                                                               | 1.51E-06 | 1.51E-06 | 1.53E-06 | 1.53E-06 | 1.54E-06 | 1.54E-06 | 1.54E-06 | 0.00E+00                         | 1.33E-06          | 1.97E-07         | 0.00E+00          | 0.00E+00                |
| New Mexico                                                                              | Dona Ana           | 35013 | U                    | 4.40E-05                                                               | 5.30E-05 | 1.48E-04 | 1.90E-04 | 8.87E-04 | 2.45E-04 | 2.98E-03 | 3.42E-03 | 4.40E-06                         | 7.83E-04          | 1.18E-05         | 8.80E-05          | 0.00E+00                |
| New Mexico                                                                              | Eddy               | 35015 | U                    | 5.16E-05                                                               | 6.31E-05 | 1.24E-04 | 2.40E-04 | 3.04E-04 | 3.14E-04 | 5.10E-04 | 1.18E-03 | 1.51E-04                         | 5.38E-05          | 1.50E-05         | 8.47E-05          | 0.00E+00                |
| New Mexico                                                                              | Grant              | 35017 | R                    | 1.03E-04                                                               | 1.03E-04 | 4.42E-04 | 6.49E-04 | 1.06E-03 | 8.68E-04 | 3.48E-03 | 3.48E-03 | 0.00E+00                         | 1.03E-03          | 9.55E-06         | 1.94E-05          | 0.00E+00                |
| New Mexico                                                                              | Guadalupe          | 35019 | R                    | 5.81E-07                                                               | 5.81E-07 | 6.38E-07 | 7.24E-07 | 7.10E-07 | 7.81E-07 | 8.08E-07 | 8.08E-07 | 0.00E+00                         | 4.06E-07          | 3.03E-07         | 0.00E+00          | 0.00E+00                |
| New Mexico                                                                              | Harding            | 35021 | R                    | 1.41E-06                                                               | 1.41E-06 | 1.41E-06 | 1.41E-06 | 1.41E-06 | 1.41E-06 | 1.41E-06 | 1.41E-06 | 0.00E+00                         | 1.26E-06          | 1.45E-07         | 0.00E+00          | 0.00E+00                |
| New Mexico                                                                              | Hidalgo            | 35023 | R                    | 7.14E-07                                                               | 7.14E-07 | 7.14E-07 | 2.03E-05 | 4.60E-04 | 1.36E-03 | 1.36E-03 | 1.36E-03 | 0.00E+00                         | 4.57E-04          | 2.55E-06         | 0.00E+00          | 0.00E+00                |
| New Mexico                                                                              | Lea                | 35025 | U                    | 4.77E-06                                                               | 5.58E-06 | 5.64E-05 | 2.20E-04 | 2.25E-04 | 3.61E-04 | 4.95E-04 | 5.45E-04 | 0.00E+00                         | 6.45E-05          | 1.72E-05         | 1.44E-04          | 0.00E+00                |
| New Mexico                                                                              | Lincoln            | 35027 | R                    | 1.19E-06                                                               | 1.19E-06 | 3.16E-06 | 8.43E-06 | 1.15E-05 | 1.72E-05 | 3.01E-05 | 3.01E-05 | 0.00E+00                         | 5.74E-06          | 3.55E-06         | 2.24E-06          | 0.00E+00                |
| New Mexico                                                                              | Los Alamos         | 35028 | R                    | 1.36E-04                                                               | 1.36E-04 | 6.79E-04 | 8.57E-04 | 9.77E-04 | 1.42E-03 | 1.79E-03 | 1.79E-03 | 0.00E+00                         | 9.40E-05          | 9.42E-06         | 8.73E-04          | 0.00E+00                |
| New Mexico                                                                              | Luna               | 35029 | U                    | 2.02E-06                                                               | 2.02E-06 | 4.03E-06 | 8.33E-06 | 4.07E-05 | 9.96E-05 | 9.96E-05 | 9.96E-05 | 0.00E+00                         | 3.19E-05          | 8.80E-06         | 0.00E+00          | 0.00E+00                |
| New Mexico                                                                              | McKinley           | 35031 | R                    | 1.21E-05                                                               | 1.32E-05 | 4.73E-05 | 1.12E-04 | 4.24E-04 | 5.59E-04 | 1.57E-03 | 1.69E-03 | 3.77E-05                         | 4.70E-05          | 1.05E-05         | 3.28E-04          | 0.00E+00                |
| New Mexico                                                                              | Mora               | 35033 | R                    | 5.60E-07                                                               | 5.60E-07 | 5.60E-07 | 7.41E-07 | 7.41E-07 | 9.22E-07 | 9.22E-07 | 9.22E-07 | 0.00E+00                         | 3.86E-07          | 3.55E-07         | 0.00E+00          | 0.00E+00                |
| New Mexico                                                                              | Otero              | 35035 | U                    | 7.91E-06                                                               | 2.02E-05 | 3.72E-05 | 1.12E-04 | 1.51E-04 | 1.89E-04 | 2.24E-04 | 6.84E-04 | 0.00E+00                         | 4.21E-05          | 1.49E-05         | 9.42E-05          | 0.00E+00                |
| New Mexico                                                                              | Quay               | 35037 | U                    | 8.96E-07                                                               | 8.96E-07 | 1.22E-06 | 1.76E-06 | 5.96E-06 | 1.07E-05 | 1.94E-05 | 1.94E-05 | 0.00E+00                         | 4.81E-06          | 1.16E-06         | 0.00E+00          | 0.00E+00                |
| New Mexico                                                                              | Rio Arriba         | 35039 | R                    | 1.24E-06                                                               | 1.56E-06 | 3.77E-06 | 3.47E-05 | 3.78E-05 | 6.16E-05 | 9.53E-05 | 1.02E-04 | 0.00E+00                         | 1.49E-05          | 3.13E-06         | 1.97E-05          | 0.00E+00                |
| New Mexico                                                                              | Roosevelt          | 35041 | U                    | 1.83E-06                                                               | 1.83E-06 | 3.91E-06 | 6.83E-05 | 6.07E-05 | 1.14E-04 | 1.15E-04 | 1.15E-04 | 0.00E+00                         | 4.53E-05          | 1.13E-05         | 4.11E-06          | 0.00E+00                |
| New Mexico                                                                              | Sandoval           | 35043 | U                    | 5.08E-06                                                               | 2.06E-05 | 4.80E-04 | 1.45E-03 | 1.20E-03 | 1.80E-03 | 1.89E-03 | 2.11E-03 | 0.00E+00                         | 1.19E-04          | 4.24E-05         | 1.04E-03          | 0.00E+00                |
| New Mexico                                                                              | San Juan           | 35045 | R                    | 4.09E-06                                                               | 1.26E-05 | 5.53E-05 | 1.27E-04 | 1.32E-04 | 1.66E-04 | 2.68E-04 | 3.93E-04 | 3.04E-05                         | 5.93E-05          | 1.67E-05         | 2.52E-05          | 0.00E+00                |
| New Mexico                                                                              | San Miguel         | 35047 | U                    | 2.13E-06                                                               | 2.13E-06 | 5.56E-06 | 8.00E-06 | 3.02E-05 | 5.55E-05 | 1.01E-04 | 1.01E-04 | 0.00E+00                         | 2.33E-05          | 6.91E-06         | 0.00E+00          | 0.00E+00                |
| New Mexico                                                                              | Santa Fe           | 35049 | U                    | 7.15E-05                                                               | 7.25E-05 | 9.68E-05 | 1.59E-04 | 1.87E-04 | 2.36E-04 | 3.59E-04 | 3.60E-04 | 0.00E+00                         | 1.45E-04          | 1.22E-05         | 2.97E-05          | 0.00E+00                |
| New Mexico                                                                              | Sierra             | 35051 | U                    | 1.68E-06                                                               | 1.68E-06 | 2.63E-06 | 1.21E-05 | 1.35E-05 | 2.43E-05 | 2.79E-05 | 2.79E-05 | 0.00E+00                         | 8.18E-06          | 5.28E-06         | 0.00E+00          | 0.00E+00                |
| New Mexico                                                                              | Socorro            | 35053 | U                    | 5.79E-07                                                               | 5.79E-07 | 1.32E-06 | 2.23E-06 | 5.81E-06 | 1.00E-05 | 1.49E-05 | 1.49E-05 | 0.00E+00                         | 3.42E-06          | 2.39E-06         | 0.00E+00          | 0.00E+00                |
| New Mexico                                                                              | Taos               | 35055 | R                    | 1.71E-06                                                               | 3.47E-06 | 5.74E-06 | 1.19E-05 | 3.70E-05 | 2.09E-05 | 1.44E-04 | 1.99E-04 | 0.00E+00                         | 3.07E-05          | 6.35E-06         | 0.00E+00          | 0.00E+00                |
| New Mexico                                                                              | Torrance           | 35057 | R                    | 3.47E-07                                                               | 3.47E-07 | 3.47E-07 | 4.88E-06 | 5.58E-05 | 1.62E-04 | 1.62E-04 | 1.62E-04 | 0.00E+00                         | 5.60E-06          | 1.64E-06         | 4.86E-05          | 0.00E+00                |
| New Mexico                                                                              | Union              | 35059 | R                    | 1.07E-06                                                               | 1.07E-06 | 1.07E-06 | 1.13E-06 | 1.13E-06 | 1.19E-06 | 1.19E-06 | 1.19E-06 | 0.00E+00                         | 9.38E-07          | 1.90E-07         | 0.00E+00          | 0.00E+00                |

| Estimated Annual Average Ambient Concentrations ( $\mu\text{g}/\text{m}^3$ ) for Lead Compounds |                    |       |                      |                                                                        |          |          |          |          |          |          |          |                                  |                   |                  |                   |                         |
|-------------------------------------------------------------------------------------------------|--------------------|-------|----------------------|------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------------------------------|-------------------|------------------|-------------------|-------------------------|
| State                                                                                           | County             | FIPS  | Urban<br>or<br>Rural | Percentile Distribution of Ambient Concentrations Across Census Tracts |          |          |          |          |          |          |          | Contribution to Average from ... |                   |                  |                   |                         |
|                                                                                                 |                    |       |                      | 5th                                                                    | 10th     | 25th     | Median   | Average  | 75th     | 90th     | 95th     | Major                            | Area and<br>Other | Onroad<br>Mobile | Nonroad<br>Mobile | Estimated<br>Background |
| New Mexico                                                                                      | Valencia           | 35061 | U                    | 2.20E-05                                                               | 2.32E-04 | 2.44E-04 | 2.82E-04 | 3.26E-04 | 4.09E-04 | 5.00E-04 | 7.02E-04 | 0.00E+00                         | 5.27E-05          | 2.03E-05         | 2.53E-04          | 0.00E+00                |
| New York                                                                                        | Statewide          | N/A   | N/A                  | 3.24E-04                                                               | 6.71E-04 | 2.70E-03 | 1.32E-02 | 1.68E-02 | 2.52E-02 | 3.42E-02 | 4.19E-02 | 8.57E-04                         | 4.18E-03          | 1.43E-04         | 1.16E-02          | 0.00E+00                |
| New York                                                                                        | All Urban Counties | N/A   | U                    | 7.58E-04                                                               | 1.47E-03 | 4.07E-03 | 1.49E-02 | 1.84E-02 | 2.66E-02 | 3.50E-02 | 4.28E-02 | 9.40E-04                         | 4.37E-03          | 1.57E-04         | 1.29E-02          | 0.00E+00                |
| New York                                                                                        | All Rural Counties | N/A   | R                    | 5.01E-05                                                               | 7.06E-05 | 1.75E-04 | 4.57E-04 | 2.84E-03 | 1.23E-03 | 3.65E-03 | 6.41E-03 | 1.34E-04                         | 2.50E-03          | 2.26E-05         | 1.86E-04          | 0.00E+00                |
| New York                                                                                        | Albany             | 36001 | U                    | 8.15E-04                                                               | 8.53E-04 | 2.63E-03 | 4.81E-03 | 5.74E-03 | 6.32E-03 | 9.08E-03 | 1.28E-02 | 4.59E-04                         | 7.96E-04          | 3.51E-05         | 4.45E-03          | 0.00E+00                |
| New York                                                                                        | Allegany           | 36003 | R                    | 4.04E-05                                                               | 5.79E-05 | 1.28E-04 | 3.25E-04 | 4.58E-04 | 6.78E-04 | 1.13E-03 | 1.49E-03 | 4.80E-06                         | 4.43E-04          | 9.38E-06         | 1.28E-06          | 0.00E+00                |
| New York                                                                                        | Bronx              | 36005 | U                    | 1.41E-02                                                               | 1.48E-02 | 1.71E-02 | 2.05E-02 | 2.21E-02 | 2.62E-02 | 3.02E-02 | 3.49E-02 | 4.25E-04                         | 4.57E-03          | 2.64E-04         | 1.68E-02          | 0.00E+00                |
| New York                                                                                        | Broome             | 36007 | U                    | 2.78E-04                                                               | 3.97E-04 | 7.04E-04 | 8.92E-04 | 1.13E-03 | 1.23E-03 | 1.82E-03 | 2.96E-03 | 6.55E-06                         | 7.52E-04          | 3.37E-05         | 3.33E-04          | 0.00E+00                |
| New York                                                                                        | Cattaraugus        | 36009 | R                    | 5.92E-05                                                               | 6.36E-05 | 7.36E-05 | 1.40E-04 | 2.36E-04 | 2.65E-04 | 3.94E-04 | 6.03E-04 | 7.80E-06                         | 1.98E-04          | 1.53E-05         | 1.46E-05          | 0.00E+00                |
| New York                                                                                        | Cayuga             | 36011 | U                    | 2.50E-04                                                               | 3.85E-04 | 1.48E-03 | 3.05E-03 | 2.91E-03 | 3.87E-03 | 5.13E-03 | 5.93E-03 | 8.54E-04                         | 1.57E-03          | 3.27E-05         | 4.58E-04          | 0.00E+00                |
| New York                                                                                        | Chautauqua         | 36013 | R                    | 2.36E-04                                                               | 3.35E-04 | 7.16E-04 | 1.14E-03 | 3.79E-03 | 2.77E-03 | 6.48E-03 | 1.93E-02 | 9.36E-06                         | 3.63E-03          | 3.13E-05         | 1.20E-04          | 0.00E+00                |
| New York                                                                                        | Chemung            | 36015 | R                    | 9.95E-04                                                               | 1.57E-03 | 2.20E-03 | 3.25E-03 | 4.00E-03 | 5.86E-03 | 7.14E-03 | 8.30E-03 | 2.85E-04                         | 3.51E-03          | 2.69E-05         | 1.71E-04          | 0.00E+00                |
| New York                                                                                        | Chenango           | 36017 | R                    | 6.34E-05                                                               | 6.48E-05 | 1.19E-04 | 2.04E-04 | 2.15E-04 | 3.24E-04 | 3.83E-04 | 4.41E-04 | 3.06E-06                         | 1.14E-04          | 1.75E-05         | 8.12E-05          | 0.00E+00                |
| New York                                                                                        | Clinton            | 36019 | R                    | 9.43E-05                                                               | 1.43E-04 | 3.81E-04 | 6.49E-04 | 9.29E-04 | 1.25E-03 | 1.73E-03 | 2.63E-03 | 0.00E+00                         | 1.70E-04          | 3.42E-05         | 7.26E-04          | 0.00E+00                |
| New York                                                                                        | Columbia           | 36021 | R                    | 2.85E-04                                                               | 3.07E-04 | 3.73E-04 | 5.29E-04 | 5.83E-04 | 7.57E-04 | 9.78E-04 | 1.05E-03 | 1.55E-04                         | 2.17E-04          | 2.44E-05         | 1.87E-04          | 0.00E+00                |
| New York                                                                                        | Cortland           | 36023 | R                    | 2.28E-04                                                               | 3.23E-04 | 3.82E-04 | 4.73E-04 | 4.98E-04 | 6.26E-04 | 7.55E-04 | 7.83E-04 | 3.91E-05                         | 1.64E-04          | 3.49E-05         | 2.60E-04          | 0.00E+00                |
| New York                                                                                        | Delaware           | 36025 | R                    | 3.05E-05                                                               | 3.23E-05 | 3.72E-05 | 5.23E-05 | 7.56E-05 | 6.34E-05 | 9.17E-05 | 3.89E-04 | 1.06E-06                         | 6.49E-05          | 9.62E-06         | 0.00E+00          | 0.00E+00                |
| New York                                                                                        | Dutchess           | 36027 | U                    | 4.39E-04                                                               | 4.93E-04 | 8.19E-04 | 1.76E-03 | 1.79E-03 | 2.33E-03 | 3.48E-03 | 3.84E-03 | 7.98E-05                         | 1.12E-03          | 3.58E-05         | 5.59E-04          | 0.00E+00                |
| New York                                                                                        | Erie               | 36029 | U                    | 4.89E-04                                                               | 6.90E-04 | 1.54E-03 | 2.62E-03 | 3.47E-03 | 3.60E-03 | 5.49E-03 | 8.09E-03 | 1.17E-05                         | 1.86E-03          | 4.38E-05         | 1.55E-03          | 0.00E+00                |
| New York                                                                                        | Essex              | 36031 | R                    | 8.99E-05                                                               | 9.69E-05 | 1.01E-04 | 1.37E-04 | 2.21E-04 | 2.73E-04 | 5.30E-04 | 5.69E-04 | 5.24E-05                         | 3.58E-05          | 6.77E-06         | 1.26E-04          | 0.00E+00                |
| New York                                                                                        | Franklin           | 36033 | R                    | 2.21E-05                                                               | 2.70E-05 | 4.72E-05 | 6.20E-05 | 1.30E-04 | 1.02E-04 | 3.69E-04 | 5.84E-04 | 2.24E-06                         | 5.66E-05          | 8.61E-06         | 6.30E-05          | 0.00E+00                |
| New York                                                                                        | Fulton             | 36035 | R                    | 1.09E-04                                                               | 1.42E-04 | 2.14E-04 | 3.24E-04 | 3.19E-04 | 3.91E-04 | 5.21E-04 | 5.61E-04 | 1.90E-06                         | 2.50E-04          | 3.86E-05         | 2.93E-05          | 0.00E+00                |
| New York                                                                                        | Genesee            | 36037 | U                    | 2.67E-04                                                               | 3.28E-04 | 3.63E-04 | 4.32E-04 | 4.88E-04 | 4.87E-04 | 5.46E-04 | 1.50E-03 | 7.35E-06                         | 2.98E-04          | 2.63E-05         | 1.56E-04          | 0.00E+00                |
| New York                                                                                        | Greene             | 36039 | R                    | 1.34E-04                                                               | 1.35E-04 | 2.70E-04 | 4.60E-04 | 6.08E-04 | 1.06E-03 | 1.07E-03 | 1.28E-03 | 1.33E-04                         | 1.88E-04          | 1.16E-05         | 2.75E-04          | 0.00E+00                |
| New York                                                                                        | Hamilton           | 36041 | R                    | 5.87E-06                                                               | 5.87E-06 | 2.22E-05 | 4.74E-05 | 5.22E-05 | 8.15E-05 | 1.09E-04 | 1.09E-04 | 1.47E-05                         | 3.57E-05          | 1.66E-06         | 1.32E-07          | 0.00E+00                |
| New York                                                                                        | Herkimer           | 36043 | U                    | 2.46E-04                                                               | 4.06E-04 | 5.04E-04 | 8.42E-04 | 9.26E-04 | 1.07E-03 | 1.84E-03 | 2.18E-03 | 3.58E-06                         | 8.38E-04          | 8.63E-06         | 7.49E-05          | 0.00E+00                |
| New York                                                                                        | Jefferson          | 36045 | R                    | 4.74E-05                                                               | 5.53E-05 | 7.15E-05 | 1.36E-04 | 1.87E-04 | 2.39E-04 | 3.76E-04 | 5.16E-04 | 3.10E-05                         | 7.05E-05          | 2.22E-05         | 6.37E-05          | 0.00E+00                |
| New York                                                                                        | Kings              | 36047 | U                    | 1.37E-02                                                               | 1.42E-02 | 1.57E-02 | 2.03E-02 | 2.07E-02 | 2.45E-02 | 2.85E-02 | 3.04E-02 | 1.18E-03                         | 6.01E-03          | 2.44E-04         | 1.33E-02          | 0.00E+00                |
| New York                                                                                        | Lewis              | 36049 | R                    | 1.72E-05                                                               | 1.72E-05 | 2.20E-05 | 2.59E-05 | 5.33E-05 | 8.09E-05 | 1.60E-04 | 1.60E-04 | 1.84E-06                         | 3.72E-05          | 4.75E-06         | 9.56E-06          | 0.00E+00                |
| New York                                                                                        | Livingston         | 36051 | U                    | 1.64E-04                                                               | 2.15E-04 | 2.91E-04 | 4.14E-04 | 4.28E-04 | 5.00E-04 | 6.72E-04 | 8.74E-04 | 1.05E-05                         | 3.37E-04          | 9.08E-06         | 7.20E-05          | 0.00E+00                |
| New York                                                                                        | Madison            | 36053 | U                    | 2.69E-04                                                               | 3.18E-04 | 6.57E-04 | 2.37E-03 | 2.26E-03 | 3.35E-03 | 3.79E-03 | 5.93E-03 | 7.77E-04                         | 7.74E-04          | 1.03E-05         | 6.96E-04          | 0.00E+00                |
| New York                                                                                        | Monroe             | 36055 | U                    | 7.18E-04                                                               | 9.68E-04 | 2.41E-03 | 5.24E-03 | 7.34E-03 | 7.87E-03 | 1.40E-02 | 1.87E-02 | 4.54E-04                         | 1.45E-03          | 4.33E-05         | 5.40E-03          | 0.00E+00                |
| New York                                                                                        | Montgomery         | 36057 | U                    | 1.99E-04                                                               | 2.00E-04 | 2.49E-04 | 6.45E-04 | 5.75E-04 | 7.07E-04 | 9.43E-04 | 1.38E-03 | 8.16E-06                         | 4.29E-04          | 1.94E-05         | 1.19E-04          | 0.00E+00                |
| New York                                                                                        | Nassau             | 36059 | U                    | 7.82E-03                                                               | 8.37E-03 | 9.69E-03 | 1.41E-02 | 1.63E-02 | 1.87E-02 | 2.70E-02 | 3.72E-02 | 2.68E-04                         | 2.47E-03          | 1.16E-04         | 1.35E-02          | 0.00E+00                |
| New York                                                                                        | New York           | 36061 | U                    | 1.64E-02                                                               | 2.12E-02 | 2.56E-02 | 2.95E-02 | 3.24E-02 | 3.34E-02 | 3.89E-02 | 7.07E-02 | 1.11E-03                         | 1.46E-02          | 3.70E-04         | 1.63E-02          | 0.00E+00                |
| New York                                                                                        | Niagara            | 36063 | U                    | 9.02E-04                                                               | 9.79E-04 | 1.76E-03 | 2.49E-03 | 3.17E-03 | 4.78E-03 | 5.98E-03 | 7.37E-03 | 1.51E-04                         | 2.48E-03          | 2.78E-05         | 5.13E-04          | 0.00E+00                |
| New York                                                                                        | Oneida             | 36065 | U                    | 9.92E-04                                                               | 1.38E-03 | 2.13E-03 | 3.52E-03 | 4.91E-03 | 5.12E-03 | 1.07E-02 | 1.40E-02 | 6.44E-05                         | 4.18E-03          | 1.46E-05         | 6.46E-04          | 0.00E+00                |
| New York                                                                                        | Onondaga           | 36067 | U                    | 1.85E-03                                                               | 3.17E-03 | 5.07E-03 | 8.26E-03 | 2.06E-02 | 1.43E-02 | 3.57E-02 | 4.77E-02 | 1.29E-02                         | 4.15E-03          | 2.93E-05         | 3.50E-03          | 0.00E+00                |
| New York                                                                                        | Ontario            | 36069 | U                    | 4.28E-04                                                               | 4.29E-04 | 4.81E-04 | 6.03E-04 | 6.56E-04 | 8.46E-04 | 9.35E-04 | 1.01E-03 | 1.79E-05                         | 5.59E-04          | 1.15E-05         | 6.77E-05          | 0.00E+00                |
| New York                                                                                        | Orange             | 36071 | U                    | 2.14E-03                                                               | 2.29E-03 | 3.65E-03 | 5.37E-03 | 6.26E-03 | 6.81E-03 | 9.95E-03 | 1.35E-02 | 1.10E-05                         | 5.09E-03          | 3.08E-05         | 1.12E-03          | 0.00E+00                |
| New York                                                                                        | Orleans            | 36073 | U                    | 2.66E-04                                                               | 2.66E-04 | 3.37E-04 | 4.15E-04 | 4.31E-04 | 5.47E-04 | 5.87E-04 | 5.87E-04 | 2.38E-05                         | 2.19E-04          | 1.21E-05         | 1.76E-04          | 0.00E+00                |
| New York                                                                                        | Oswego             | 36075 | U                    | 3.69E-04                                                               | 4.83E-04 | 1.08E-03 | 1.63E-03 | 2.01E-03 | 2.78E-03 | 3.45E-03 | 3.77E-03 | 7.69E-04                         | 7.86E-04          | 1.07E-05         | 4.42E-04          | 0.00E+00                |
| New York                                                                                        | Otsego             | 36077 | R                    | 5.68E-05                                                               | 7.11E-05 | 1.09E-04 | 2.16E-04 | 3.92E-04 | 3.10E-04 | 5.34E-04 | 3.05E-03 | 1.60E-06                         | 3.62E-04          | 2.65E-05         | 1.91E-06          | 0.00E+00                |
| New York                                                                                        | Putnam             | 36079 | U                    | 8.47E-04                                                               | 1.11E-03 | 1.34E-03 | 1.56E-03 | 1.87E-03 | 2.30E-03 | 3.44E-03 | 3.77E-03 | 3.94E-05                         | 1.34E-03          | 3.54E-05         | 4.57E-04          | 0.00E+00                |
| New York                                                                                        | Queens             | 36081 | U                    | 2.24E-02                                                               | 2.64E-02 | 3.05E-02 | 3.47E-02 | 4.37E-02 | 4.27E-02 | 6.80E-02 | 9.27E-02 | 6.24E-04                         | 5.47E-03          | 2.30E-04         | 3.74E-02          | 0.00E+00                |
| New York                                                                                        | Rensselaer         | 36083 | U                    | 6.93E-04                                                               | 8.59E-04 | 1.34E-03 | 2.59E-03 | 3.07E-03 | 4.59E-03 | 5.96E-03 | 7.21E-03 | 6.07E-04                         | 6.20E-04          | 2.36E-05         | 1.82E-03          | 0.00E+00                |
| New York                                                                                        | Richmond           | 36085 | U                    | 1.04E-02                                                               | 1.09E-02 | 1.19E-02 | 1.46E-02 | 1.54E-02 | 1.78E-02 | 2.07E-02 | 2.37E-02 | 3.17E-04                         | 4.13E-03          | 1.33E-04         | 1.09E-02          | 0.00E+00                |
| New York                                                                                        | Rockland           | 36087 | U                    | 3.14E-03                                                               | 3.30E-03 | 3.52E-03 | 4.22E-03 | 4.36E-03 | 4.64E-03 | 5.58E-03 | 7.22E-03 | 1.42E-04                         | 2.34E-03          | 7.63E-05         | 1.80E-03          | 0.00E+00                |
| New York                                                                                        | St. Lawrence       | 36089 | R                    | 3.06E-05                                                               | 4.52E-05 | 9.08E-05 | 2.64E-04 | 1.31E-03 | 9.53E-04 | 2.33E-03 | 3.23E-03 | 1.85E-07                         | 1.13E-03          | 2.05E-05         | 1.55E-04          | 0.00E+00                |
| New York                                                                                        | Saratoga           | 36091 | U                    | 4.34E-04                                                               | 9.52E-04 | 1.58E-03 | 2.34E-03 | 3.93E-03 | 3.78E-03 | 9.48E-03 | 1.14E-02 | 1.72E-04                         | 1.80E-03          | 2.21E-05         | 1.94E-03          | 0.00E+00                |



| Estimated Annual Average Ambient Concentrations (µg/m <sup>3</sup> ) for Lead Compounds |                    |       |                      |                                                                        |          |          |          |          |          |          |          |                                  |                   |                  |                   |                         |
|-----------------------------------------------------------------------------------------|--------------------|-------|----------------------|------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------------------------------|-------------------|------------------|-------------------|-------------------------|
| State                                                                                   | County             | FIPS  | Urban<br>or<br>Rural | Percentile Distribution of Ambient Concentrations Across Census Tracts |          |          |          |          |          |          |          | Contribution to Average from ... |                   |                  |                   |                         |
|                                                                                         |                    |       |                      | 5th                                                                    | 10th     | 25th     | Median   | Average  | 75th     | 90th     | 95th     | Major                            | Area and<br>Other | Onroad<br>Mobile | Nonroad<br>Mobile | Estimated<br>Background |
| New York                                                                                | Schenectady        | 36093 | U                    | 1.53E-03                                                               | 1.63E-03 | 1.86E-03 | 1.98E-03 | 2.23E-03 | 2.57E-03 | 3.39E-03 | 3.52E-03 | 3.87E-05                         | 1.37E-03          | 4.08E-05         | 7.83E-04          | 0.00E+00                |
| New York                                                                                | Schoharie          | 36095 | U                    | 4.41E-05                                                               | 4.41E-05 | 6.27E-05 | 9.70E-05 | 8.78E-05 | 1.07E-04 | 1.24E-04 | 1.24E-04 | 1.51E-07                         | 7.63E-05          | 1.11E-05         | 2.49E-07          | 0.00E+00                |
| New York                                                                                | Schuyler           | 36097 | R                    | 1.18E-03                                                               | 1.18E-03 | 1.67E-03 | 1.89E-03 | 1.81E-03 | 1.93E-03 | 2.40E-03 | 2.40E-03 | 1.18E-04                         | 1.58E-03          | 1.22E-05         | 1.09E-04          | 0.00E+00                |
| New York                                                                                | Seneca             | 36099 | R                    | 3.65E-04                                                               | 4.15E-04 | 4.32E-04 | 9.16E-04 | 2.46E-03 | 4.07E-03 | 7.09E-03 | 8.60E-03 | 5.53E-06                         | 2.42E-03          | 2.10E-05         | 8.34E-06          | 0.00E+00                |
| New York                                                                                | Steuben            | 36101 | R                    | 3.08E-03                                                               | 3.27E-03 | 4.44E-03 | 5.55E-03 | 3.03E-02 | 2.78E-02 | 7.42E-02 | 1.05E-01 | 1.54E-03                         | 2.87E-02          | 2.27E-05         | 1.89E-05          | 0.00E+00                |
| New York                                                                                | Suffolk            | 36103 | U                    | 5.45E-04                                                               | 1.20E-03 | 1.89E-03 | 4.09E-03 | 4.36E-03 | 5.84E-03 | 6.82E-03 | 7.85E-03 | 5.83E-05                         | 9.17E-04          | 5.47E-05         | 3.34E-03          | 0.00E+00                |
| New York                                                                                | Sullivan           | 36105 | R                    | 9.35E-05                                                               | 9.74E-05 | 1.75E-04 | 3.82E-04 | 4.58E-04 | 5.30E-04 | 1.18E-03 | 1.25E-03 | 2.64E-07                         | 4.13E-04          | 1.68E-05         | 2.77E-05          | 0.00E+00                |
| New York                                                                                | Tioga              | 36107 | U                    | 1.74E-04                                                               | 2.81E-04 | 3.14E-04 | 4.39E-04 | 4.53E-04 | 5.47E-04 | 6.12E-04 | 9.01E-04 | 2.85E-05                         | 2.39E-04          | 1.43E-05         | 1.71E-04          | 0.00E+00                |
| New York                                                                                | Tompkins           | 36109 | R                    | 3.42E-04                                                               | 4.25E-04 | 8.14E-04 | 1.48E-03 | 2.18E-03 | 2.75E-03 | 4.55E-03 | 6.13E-03 | 1.76E-05                         | 3.78E-04          | 1.69E-05         | 1.77E-03          | 0.00E+00                |
| New York                                                                                | Ulster             | 36111 | R                    | 2.01E-04                                                               | 2.36E-04 | 4.65E-04 | 6.68E-04 | 7.89E-04 | 1.10E-03 | 1.39E-03 | 1.48E-03 | 9.22E-05                         | 5.26E-04          | 4.98E-05         | 1.21E-04          | 0.00E+00                |
| New York                                                                                | Warren             | 36113 | R                    | 7.94E-05                                                               | 2.13E-04 | 2.38E-04 | 3.41E-04 | 6.71E-04 | 1.13E-03 | 1.60E-03 | 2.13E-03 | 2.93E-05                         | 6.31E-04          | 1.01E-05         | 4.60E-07          | 0.00E+00                |
| New York                                                                                | Washington         | 36115 | R                    | 1.43E-04                                                               | 1.88E-04 | 2.65E-04 | 4.19E-04 | 8.41E-04 | 7.41E-04 | 2.73E-03 | 3.65E-03 | 1.06E-05                         | 7.79E-04          | 7.43E-06         | 4.43E-05          | 0.00E+00                |
| New York                                                                                | Wayne              | 36117 | U                    | 2.23E-04                                                               | 2.59E-04 | 4.64E-04 | 5.21E-04 | 5.92E-04 | 7.16E-04 | 9.69E-04 | 1.22E-03 | 4.55E-05                         | 3.95E-04          | 1.39E-05         | 1.38E-04          | 0.00E+00                |
| New York                                                                                | Westchester        | 36119 | U                    | 2.53E-03                                                               | 2.95E-03 | 4.84E-03 | 9.58E-03 | 8.93E-03 | 1.12E-02 | 1.33E-02 | 1.38E-02 | 2.87E-04                         | 2.69E-03          | 1.12E-04         | 5.84E-03          | 0.00E+00                |
| New York                                                                                | Wyoming            | 36121 | R                    | 8.85E-05                                                               | 9.65E-05 | 1.08E-04 | 1.56E-04 | 2.45E-04 | 3.57E-04 | 3.91E-04 | 7.33E-04 | 4.62E-06                         | 1.78E-04          | 1.10E-05         | 5.19E-05          | 0.00E+00                |
| New York                                                                                | Yates              | 36123 | R                    | 5.52E-04                                                               | 5.52E-04 | 7.17E-04 | 7.71E-04 | 8.45E-04 | 1.01E-03 | 1.18E-03 | 1.18E-03 | 1.67E-05                         | 8.02E-04          | 1.51E-05         | 1.13E-05          | 0.00E+00                |
| North Carolina                                                                          | Statewide          | N/A   | N/A                  | 1.29E-04                                                               | 1.98E-04 | 4.76E-04 | 1.16E-03 | 2.76E-03 | 2.81E-03 | 5.96E-03 | 9.92E-03 | 4.48E-04                         | 1.16E-03          | 3.27E-05         | 1.12E-03          | 0.00E+00                |
| North Carolina                                                                          | All Urban Counties | N/A   | U                    | 3.71E-04                                                               | 4.82E-04 | 8.82E-04 | 2.07E-03 | 3.80E-03 | 3.70E-03 | 7.73E-03 | 1.31E-02 | 2.36E-04                         | 1.68E-03          | 3.81E-05         | 1.84E-03          | 0.00E+00                |
| North Carolina                                                                          | All Rural Counties | N/A   | R                    | 5.77E-05                                                               | 1.11E-04 | 2.16E-04 | 5.16E-04 | 1.27E-03 | 1.16E-03 | 3.68E-03 | 5.79E-03 | 7.49E-04                         | 4.14E-04          | 2.51E-05         | 8.64E-05          | 0.00E+00                |
| North Carolina                                                                          | Alamance           | 37001 | U                    | 1.00E-03                                                               | 1.02E-03 | 1.07E-03 | 1.34E-03 | 1.57E-03 | 2.05E-03 | 2.24E-03 | 2.30E-03 | 5.84E-04                         | 7.58E-04          | 3.59E-05         | 1.95E-04          | 0.00E+00                |
| North Carolina                                                                          | Alexander          | 37003 | U                    | 3.78E-04                                                               | 3.78E-04 | 3.86E-04 | 4.34E-04 | 4.38E-04 | 4.41E-04 | 6.03E-04 | 6.03E-04 | 1.46E-04                         | 1.86E-04          | 1.27E-05         | 9.40E-05          | 0.00E+00                |
| North Carolina                                                                          | Alleghany          | 37005 | R                    | 6.43E-04                                                               | 6.43E-04 | 6.43E-04 | 8.55E-04 | 8.51E-04 | 1.06E-03 | 1.06E-03 | 1.06E-03 | 7.81E-04                         | 5.88E-05          | 1.12E-05         | 0.00E+00          | 0.00E+00                |
| North Carolina                                                                          | Anson              | 37007 | R                    | 6.42E-05                                                               | 6.42E-05 | 7.24E-05 | 8.75E-05 | 9.42E-05 | 1.24E-04 | 1.29E-04 | 1.29E-04 | 4.04E-05                         | 4.03E-05          | 1.36E-05         | 0.00E+00          | 0.00E+00                |
| North Carolina                                                                          | Ashe               | 37009 | R                    | 1.88E-04                                                               | 1.88E-04 | 2.16E-04 | 3.66E-04 | 3.71E-04 | 4.78E-04 | 5.69E-04 | 5.69E-04 | 3.00E-04                         | 5.92E-05          | 1.17E-05         | 0.00E+00          | 0.00E+00                |
| North Carolina                                                                          | Avery              | 37011 | R                    | 1.92E-04                                                               | 1.92E-04 | 2.00E-04 | 2.16E-04 | 2.25E-04 | 2.51E-04 | 2.76E-04 | 2.76E-04 | 9.47E-05                         | 1.17E-04          | 1.33E-05         | 0.00E+00          | 0.00E+00                |
| North Carolina                                                                          | Beaufort           | 37013 | R                    | 1.14E-04                                                               | 1.19E-04 | 1.62E-04 | 2.03E-04 | 2.16E-04 | 2.26E-04 | 3.61E-04 | 3.61E-04 | 7.37E-05                         | 6.78E-05          | 1.49E-05         | 5.95E-05          | 0.00E+00                |
| North Carolina                                                                          | Bertie             | 37015 | R                    | 5.56E-05                                                               | 5.56E-05 | 5.96E-05 | 9.54E-05 | 9.85E-05 | 1.37E-04 | 1.48E-04 | 1.48E-04 | 7.41E-05                         | 1.84E-05          | 5.98E-06         | 0.00E+00          | 0.00E+00                |
| North Carolina                                                                          | Bladen             | 37017 | R                    | 2.45E-04                                                               | 2.45E-04 | 2.61E-04 | 2.92E-04 | 3.18E-04 | 3.71E-04 | 4.47E-04 | 4.47E-04 | 2.65E-04                         | 3.05E-05          | 9.59E-06         | 1.32E-05          | 0.00E+00                |
| North Carolina                                                                          | Brunswick          | 37019 | R                    | 5.34E-05                                                               | 1.05E-04 | 1.71E-04 | 2.70E-04 | 2.67E-04 | 3.40E-04 | 4.17E-04 | 5.12E-04 | 1.82E-04                         | 4.54E-05          | 1.38E-05         | 2.63E-05          | 0.00E+00                |
| North Carolina                                                                          | Buncombe           | 37021 | R                    | 1.52E-03                                                               | 1.69E-03 | 2.74E-03 | 4.07E-03 | 4.19E-03 | 5.21E-03 | 6.50E-03 | 7.94E-03 | 3.61E-03                         | 3.24E-04          | 4.93E-05         | 2.00E-04          | 0.00E+00                |
| North Carolina                                                                          | Burke              | 37023 | U                    | 3.56E-04                                                               | 3.91E-04 | 4.70E-04 | 5.76E-04 | 7.98E-04 | 9.00E-04 | 1.36E-03 | 2.41E-03 | 1.94E-04                         | 3.55E-04          | 2.01E-05         | 2.29E-04          | 0.00E+00                |
| North Carolina                                                                          | Cabarrus           | 37025 | U                    | 1.64E-03                                                               | 1.64E-03 | 2.23E-03 | 2.49E-03 | 2.42E-03 | 2.79E-03 | 2.91E-03 | 3.36E-03 | 6.73E-05                         | 8.60E-04          | 3.31E-05         | 1.46E-03          | 0.00E+00                |
| North Carolina                                                                          | Caldwell           | 37027 | U                    | 3.93E-04                                                               | 4.71E-04 | 6.18E-04 | 8.19E-04 | 8.45E-04 | 9.21E-04 | 1.28E-03 | 1.66E-03 | 3.64E-04                         | 3.35E-04          | 3.76E-05         | 1.09E-04          | 0.00E+00                |
| North Carolina                                                                          | Camden             | 37029 | R                    | 4.77E-05                                                               | 4.77E-05 | 4.77E-05 | 4.77E-05 | 4.77E-05 | 4.77E-05 | 4.77E-05 | 4.77E-05 | 2.57E-08                         | 3.72E-05          | 1.04E-05         | 0.00E+00          | 0.00E+00                |
| North Carolina                                                                          | Carteret           | 37031 | R                    | 5.72E-05                                                               | 7.72E-05 | 1.67E-04 | 1.84E-04 | 1.97E-04 | 2.35E-04 | 2.80E-04 | 4.30E-04 | 3.67E-05                         | 1.16E-04          | 1.83E-05         | 2.60E-05          | 0.00E+00                |
| North Carolina                                                                          | Caswell            | 37033 | R                    | 2.04E-03                                                               | 2.04E-03 | 2.37E-03 | 2.77E-03 | 2.94E-03 | 3.67E-03 | 4.04E-03 | 4.04E-03 | 2.70E-03                         | 1.82E-04          | 1.61E-05         | 4.21E-05          | 0.00E+00                |
| North Carolina                                                                          | Catawba            | 37035 | U                    | 4.96E-04                                                               | 5.16E-04 | 5.64E-04 | 8.12E-04 | 1.12E-03 | 1.67E-03 | 2.59E-03 | 2.61E-03 | 1.05E-04                         | 4.60E-04          | 2.35E-05         | 5.34E-04          | 0.00E+00                |
| North Carolina                                                                          | Chatham            | 37037 | U                    | 8.87E-04                                                               | 8.87E-04 | 1.09E-03 | 1.30E-03 | 1.86E-03 | 2.16E-03 | 5.65E-03 | 5.65E-03 | 1.46E-03                         | 2.79E-04          | 2.06E-05         | 1.07E-04          | 0.00E+00                |
| North Carolina                                                                          | Cherokee           | 37039 | R                    | 2.74E-05                                                               | 2.74E-05 | 2.79E-05 | 2.93E-05 | 3.19E-05 | 3.53E-05 | 4.24E-05 | 4.24E-05 | 4.69E-06                         | 1.82E-05          | 8.98E-06         | 0.00E+00          | 0.00E+00                |
| North Carolina                                                                          | Chowan             | 37041 | R                    | 1.64E-04                                                               | 1.64E-04 | 1.64E-04 | 2.08E-04 | 2.08E-04 | 2.52E-04 | 2.52E-04 | 2.52E-04 | 1.67E-04                         | 3.36E-05          | 7.44E-06         | 0.00E+00          | 0.00E+00                |
| North Carolina                                                                          | Clay               | 37043 | R                    | 2.78E-05                                                               | 2.78E-05 | 2.78E-05 | 3.85E-05 | 3.85E-05 | 4.91E-05 | 4.91E-05 | 4.91E-05 | 4.01E-06                         | 2.52E-05          | 9.21E-06         | 0.00E+00          | 0.00E+00                |
| North Carolina                                                                          | Cleveland          | 37045 | R                    | 3.90E-04                                                               | 4.09E-04 | 4.41E-04 | 5.22E-04 | 9.91E-04 | 1.58E-03 | 2.33E-03 | 2.74E-03 | 5.92E-05                         | 4.85E-04          | 4.45E-05         | 4.02E-04          | 0.00E+00                |
| North Carolina                                                                          | Columbus           | 37047 | R                    | 2.87E-04                                                               | 2.93E-04 | 3.93E-04 | 4.74E-04 | 6.80E-04 | 6.62E-04 | 7.59E-04 | 3.06E-03 | 5.93E-04                         | 7.39E-05          | 1.18E-05         | 2.13E-06          | 0.00E+00                |
| North Carolina                                                                          | Craven             | 37049 | U                    | 1.84E-04                                                               | 2.04E-04 | 5.54E-04 | 8.51E-04 | 1.13E-03 | 1.22E-03 | 2.24E-03 | 3.40E-03 | 1.61E-04                         | 1.98E-04          | 3.69E-05         | 7.36E-04          | 0.00E+00                |
| North Carolina                                                                          | Cumberland         | 37051 | U                    | 4.69E-04                                                               | 4.74E-04 | 5.24E-04 | 6.50E-04 | 7.32E-04 | 7.49E-04 | 1.01E-03 | 1.13E-03 | 1.58E-04                         | 3.13E-04          | 4.42E-05         | 2.16E-04          | 0.00E+00                |
| North Carolina                                                                          | Currituck          | 37053 | U                    | 1.11E-05                                                               | 1.11E-05 | 1.49E-05 | 5.93E-05 | 8.42E-05 | 1.65E-04 | 1.71E-04 | 1.71E-04 | 5.50E-06                         | 3.69E-05          | 7.86E-06         | 3.39E-05          | 0.00E+00                |
| North Carolina                                                                          | Dare               | 37055 | R                    | 2.27E-06                                                               | 2.27E-06 | 5.97E-06 | 1.62E-05 | 2.03E-05 | 2.29E-05 | 5.86E-05 | 5.86E-05 | 0.00E+00                         | 1.25E-05          | 7.80E-06         | 0.00E+00          | 0.00E+00                |
| North Carolina                                                                          | Davidson           | 37057 | U                    | 6.27E-04                                                               | 7.33E-04 | 1.27E-03 | 1.76E-03 | 1.80E-03 | 2.27E-03 | 3.12E-03 | 3.16E-03 | 3.92E-04                         | 9.46E-04          | 2.52E-05         | 4.40E-04          | 0.00E+00                |
| North Carolina                                                                          | Davie              | 37059 | U                    | 4.44E-04                                                               | 4.44E-04 | 6.10E-04 | 6.77E-04 | 9.50E-04 | 1.24E-03 | 1.97E-03 | 1.97E-03 | 1.49E-04                         | 7.56E-04          | 1.55E-05         | 2.93E-05          | 0.00E+00                |
| North Carolina                                                                          | Duplin             | 37061 | R                    | 1.24E-04                                                               | 1.24E-04 | 1.49E-04 | 2.51E-04 | 4.33E-04 | 4.43E-04 | 1.65E-03 | 1.65E-03 | 1.96E-05                         | 3.84E-04          | 9.17E-06         | 2.04E-05          | 0.00E+00                |

| Estimated Annual Average Ambient Concentrations (µg/m <sup>3</sup> ) for Lead Compounds |             |       |                      |                                                                        |          |          |          |          |          |          |          |                                  |                   |                  |                   |                         |
|-----------------------------------------------------------------------------------------|-------------|-------|----------------------|------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------------------------------|-------------------|------------------|-------------------|-------------------------|
| State                                                                                   | County      | FIPS  | Urban<br>or<br>Rural | Percentile Distribution of Ambient Concentrations Across Census Tracts |          |          |          |          |          |          |          | Contribution to Average from ... |                   |                  |                   |                         |
|                                                                                         |             |       |                      | 5th                                                                    | 10th     | 25th     | Median   | Average  | 75th     | 90th     | 95th     | Major                            | Area and<br>Other | Onroad<br>Mobile | Nonroad<br>Mobile | Estimated<br>Background |
| North Carolina                                                                          | Durham      | 37063 | U                    | 2.13E-03                                                               | 2.25E-03 | 2.48E-03 | 2.73E-03 | 2.98E-03 | 3.27E-03 | 4.08E-03 | 4.62E-03 | 7.32E-04                         | 1.84E-03          | 5.42E-05         | 3.50E-04          | 0.00E+00                |
| North Carolina                                                                          | Edgecombe   | 37065 | R                    | 1.62E-04                                                               | 1.88E-04 | 3.50E-04 | 3.99E-04 | 4.90E-04 | 5.99E-04 | 8.14E-04 | 1.00E-03 | 2.70E-04                         | 1.12E-04          | 9.57E-06         | 9.90E-05          | 0.00E+00                |
| North Carolina                                                                          | Forsyth     | 37067 | U                    | 1.20E-03                                                               | 1.57E-03 | 2.31E-03 | 3.21E-03 | 3.93E-03 | 4.55E-03 | 7.34E-03 | 1.09E-02 | 1.45E-04                         | 3.18E-03          | 3.85E-05         | 5.71E-04          | 0.00E+00                |
| North Carolina                                                                          | Franklin    | 37069 | U                    | 5.02E-04                                                               | 5.02E-04 | 5.94E-04 | 9.12E-04 | 9.03E-04 | 1.10E-03 | 1.51E-03 | 1.51E-03 | 5.00E-04                         | 3.11E-04          | 1.26E-05         | 7.96E-05          | 0.00E+00                |
| North Carolina                                                                          | Gaston      | 37071 | U                    | 1.70E-03                                                               | 2.65E-03 | 3.72E-03 | 4.67E-03 | 5.27E-03 | 6.32E-03 | 8.59E-03 | 9.60E-03 | 1.45E-04                         | 1.72E-03          | 3.61E-05         | 3.37E-03          | 0.00E+00                |
| North Carolina                                                                          | Gates       | 37073 | R                    | 7.83E-05                                                               | 7.83E-05 | 7.83E-05 | 8.13E-05 | 9.03E-05 | 1.11E-04 | 1.11E-04 | 1.11E-04 | 5.65E-05                         | 2.69E-05          | 6.89E-06         | 0.00E+00          | 0.00E+00                |
| North Carolina                                                                          | Graham      | 37075 | R                    | 2.15E-05                                                               | 2.15E-05 | 2.15E-05 | 3.59E-05 | 3.16E-05 | 3.74E-05 | 3.74E-05 | 3.74E-05 | 1.15E-05                         | 1.12E-05          | 8.91E-06         | 0.00E+00          | 0.00E+00                |
| North Carolina                                                                          | Granville   | 37077 | R                    | 1.36E-03                                                               | 1.36E-03 | 2.22E-03 | 4.78E-03 | 5.83E-03 | 5.99E-03 | 1.71E-02 | 1.71E-02 | 2.37E-03                         | 3.26E-03          | 2.75E-05         | 1.75E-04          | 0.00E+00                |
| North Carolina                                                                          | Greene      | 37079 | R                    | 2.07E-04                                                               | 2.07E-04 | 2.07E-04 | 2.18E-04 | 2.18E-04 | 2.31E-04 | 2.31E-04 | 2.31E-04 | 1.30E-05                         | 1.29E-04          | 1.39E-05         | 6.22E-05          | 0.00E+00                |
| North Carolina                                                                          | Guilford    | 37081 | U                    | 1.69E-03                                                               | 1.88E-03 | 2.32E-03 | 2.67E-03 | 3.38E-03 | 3.80E-03 | 5.01E-03 | 6.27E-03 | 1.71E-04                         | 1.43E-03          | 4.04E-05         | 1.74E-03          | 0.00E+00                |
| North Carolina                                                                          | Halifax     | 37083 | R                    | 4.22E-04                                                               | 8.95E-04 | 9.07E-04 | 1.36E-03 | 1.53E-03 | 1.60E-03 | 2.22E-03 | 4.23E-03 | 1.37E-03                         | 1.40E-04          | 1.76E-05         | 3.92E-06          | 0.00E+00                |
| North Carolina                                                                          | Harnett     | 37085 | R                    | 3.15E-04                                                               | 3.15E-04 | 4.92E-04 | 5.34E-04 | 5.58E-04 | 6.80E-04 | 7.80E-04 | 8.06E-04 | 1.61E-04                         | 2.98E-04          | 3.18E-05         | 6.74E-05          | 0.00E+00                |
| North Carolina                                                                          | Haywood     | 37087 | R                    | 6.91E-05                                                               | 1.54E-04 | 4.36E-04 | 6.26E-04 | 6.65E-04 | 1.00E-03 | 1.14E-03 | 1.17E-03 | 5.44E-04                         | 7.86E-05          | 3.23E-05         | 1.05E-05          | 0.00E+00                |
| North Carolina                                                                          | Henderson   | 37089 | R                    | 7.28E-04                                                               | 1.36E-03 | 3.74E-03 | 6.71E-03 | 6.32E-03 | 9.53E-03 | 1.09E-02 | 1.10E-02 | 5.70E-03                         | 1.93E-04          | 5.13E-05         | 3.69E-04          | 0.00E+00                |
| North Carolina                                                                          | Hertford    | 37091 | R                    | 1.64E-04                                                               | 1.64E-04 | 1.67E-04 | 1.72E-04 | 1.97E-04 | 2.27E-04 | 2.79E-04 | 2.79E-04 | 1.40E-04                         | 4.72E-05          | 9.43E-06         | 0.00E+00          | 0.00E+00                |
| North Carolina                                                                          | Hoke        | 37093 | R                    | 3.44E-04                                                               | 3.44E-04 | 4.35E-04 | 5.82E-04 | 6.32E-04 | 8.29E-04 | 1.02E-03 | 1.02E-03 | 5.98E-05                         | 4.97E-04          | 2.53E-05         | 4.99E-05          | 0.00E+00                |
| North Carolina                                                                          | Hyde        | 37095 | R                    | 2.52E-06                                                               | 2.52E-06 | 2.52E-06 | 2.52E-06 | 2.52E-06 | 2.52E-06 | 2.52E-06 | 2.52E-06 | 0.00E+00                         | 1.79E-06          | 7.25E-07         | 0.00E+00          | 0.00E+00                |
| North Carolina                                                                          | Iredell     | 37097 | R                    | 4.01E-04                                                               | 4.26E-04 | 7.76E-04 | 1.55E-03 | 1.94E-03 | 2.42E-03 | 3.93E-03 | 7.08E-03 | 8.66E-05                         | 1.56E-03          | 4.40E-05         | 2.49E-04          | 0.00E+00                |
| North Carolina                                                                          | Jackson     | 37099 | R                    | 5.09E-05                                                               | 5.09E-05 | 8.21E-05 | 8.71E-05 | 1.14E-04 | 1.52E-04 | 2.35E-04 | 2.35E-04 | 2.74E-05                         | 7.25E-05          | 1.40E-05         | 0.00E+00          | 0.00E+00                |
| North Carolina                                                                          | Johnston    | 37101 | U                    | 1.25E-04                                                               | 2.45E-04 | 3.42E-04 | 3.81E-04 | 4.12E-04 | 5.30E-04 | 6.55E-04 | 6.72E-04 | 4.01E-05                         | 3.17E-04          | 2.57E-05         | 2.88E-05          | 0.00E+00                |
| North Carolina                                                                          | Jones       | 37103 | R                    | 1.44E-04                                                               | 1.44E-04 | 1.44E-04 | 1.84E-04 | 1.74E-04 | 1.94E-04 | 1.94E-04 | 1.94E-04 | 2.34E-05                         | 3.29E-05          | 6.46E-06         | 1.11E-04          | 0.00E+00                |
| North Carolina                                                                          | Lee         | 37105 | R                    | 1.16E-03                                                               | 1.16E-03 | 1.23E-03 | 1.36E-03 | 1.40E-03 | 1.59E-03 | 1.72E-03 | 1.72E-03 | 5.74E-04                         | 7.02E-04          | 5.16E-05         | 6.86E-05          | 0.00E+00                |
| North Carolina                                                                          | Lenoir      | 37107 | R                    | 2.56E-04                                                               | 2.78E-04 | 4.21E-04 | 6.00E-04 | 9.89E-04 | 1.44E-03 | 2.37E-03 | 2.86E-03 | 1.94E-05                         | 8.63E-04          | 3.71E-05         | 6.95E-05          | 0.00E+00                |
| North Carolina                                                                          | Lincoln     | 37109 | U                    | 3.53E-04                                                               | 3.73E-04 | 3.98E-04 | 1.70E-03 | 1.60E-03 | 2.11E-03 | 3.30E-03 | 3.34E-03 | 6.15E-05                         | 5.58E-04          | 2.03E-05         | 9.59E-04          | 0.00E+00                |
| North Carolina                                                                          | McDowell    | 37111 | R                    | 3.70E-04                                                               | 3.70E-04 | 5.22E-04 | 7.94E-04 | 7.11E-04 | 8.79E-04 | 1.01E-03 | 1.01E-03 | 3.70E-04                         | 3.05E-04          | 2.93E-05         | 6.45E-06          | 0.00E+00                |
| North Carolina                                                                          | Macon       | 37113 | R                    | 2.36E-05                                                               | 2.36E-05 | 5.34E-05 | 6.06E-05 | 6.84E-05 | 7.83E-05 | 1.43E-04 | 1.43E-04 | 3.32E-07                         | 5.50E-05          | 1.30E-05         | 0.00E+00          | 0.00E+00                |
| North Carolina                                                                          | Madison     | 37115 | R                    | 6.91E-05                                                               | 6.91E-05 | 1.84E-04 | 2.91E-04 | 1.00E-03 | 2.17E-03 | 2.19E-03 | 2.19E-03 | 8.83E-04                         | 6.35E-05          | 1.59E-05         | 3.68E-05          | 0.00E+00                |
| North Carolina                                                                          | Martin      | 37117 | R                    | 1.65E-04                                                               | 1.65E-04 | 1.72E-04 | 2.11E-04 | 2.09E-04 | 2.47E-04 | 2.52E-04 | 2.52E-04 | 8.48E-05                         | 3.75E-05          | 1.22E-05         | 7.50E-05          | 0.00E+00                |
| North Carolina                                                                          | Mecklenburg | 37119 | U                    | 4.05E-03                                                               | 4.72E-03 | 6.18E-03 | 1.01E-02 | 1.50E-02 | 1.78E-02 | 2.64E-02 | 2.96E-02 | 2.06E-04                         | 5.51E-03          | 5.15E-05         | 9.26E-03          | 0.00E+00                |
| North Carolina                                                                          | Mitchell    | 37121 | R                    | 1.51E-04                                                               | 1.51E-04 | 2.01E-04 | 2.56E-04 | 2.97E-04 | 3.93E-04 | 5.24E-04 | 5.24E-04 | 9.05E-05                         | 1.07E-04          | 1.81E-05         | 8.10E-05          | 0.00E+00                |
| North Carolina                                                                          | Montgomery  | 37123 | R                    | 1.01E-04                                                               | 1.01E-04 | 1.98E-04 | 2.38E-04 | 2.40E-04 | 2.74E-04 | 3.90E-04 | 3.90E-04 | 1.60E-05                         | 2.07E-04          | 1.13E-05         | 6.22E-06          | 0.00E+00                |
| North Carolina                                                                          | Moore       | 37125 | R                    | 3.80E-04                                                               | 6.45E-04 | 1.19E-03 | 1.95E-03 | 4.20E-03 | 8.80E-03 | 9.92E-03 | 1.33E-02 | 1.36E-04                         | 3.88E-03          | 2.61E-05         | 1.54E-04          | 0.00E+00                |
| North Carolina                                                                          | Nash        | 37127 | R                    | 5.05E-04                                                               | 6.09E-04 | 6.67E-04 | 7.76E-04 | 8.86E-04 | 9.62E-04 | 1.49E-03 | 1.60E-03 | 5.09E-04                         | 1.94E-04          | 1.16E-05         | 1.71E-04          | 0.00E+00                |
| North Carolina                                                                          | New Hanover | 37129 | U                    | 4.91E-04                                                               | 5.55E-04 | 7.07E-04 | 1.19E-03 | 1.20E-03 | 1.52E-03 | 1.68E-03 | 2.60E-03 | 2.08E-04                         | 5.83E-04          | 3.77E-05         | 3.69E-04          | 0.00E+00                |
| North Carolina                                                                          | Northampton | 37131 | R                    | 1.54E-04                                                               | 1.54E-04 | 1.63E-04 | 3.54E-04 | 5.71E-04 | 1.09E-03 | 1.10E-03 | 1.10E-03 | 4.93E-04                         | 7.12E-05          | 6.34E-06         | 0.00E+00          | 0.00E+00                |
| North Carolina                                                                          | Onslow      | 37133 | R                    | 8.95E-05                                                               | 1.07E-04 | 1.46E-04 | 1.56E-04 | 1.78E-04 | 1.79E-04 | 2.13E-04 | 2.25E-04 | 1.00E-05                         | 7.73E-05          | 1.12E-05         | 7.92E-05          | 0.00E+00                |
| North Carolina                                                                          | Orange      | 37135 | U                    | 1.16E-03                                                               | 1.22E-03 | 1.30E-03 | 1.55E-03 | 1.59E-03 | 1.71E-03 | 2.20E-03 | 2.21E-03 | 7.65E-04                         | 6.23E-04          | 3.77E-05         | 1.68E-04          | 0.00E+00                |
| North Carolina                                                                          | Pamlico     | 37137 | R                    | 1.51E-04                                                               | 1.51E-04 | 1.51E-04 | 1.82E-04 | 1.82E-04 | 2.14E-04 | 2.14E-04 | 2.14E-04 | 8.79E-05                         | 4.11E-05          | 9.57E-06         | 4.39E-05          | 0.00E+00                |
| North Carolina                                                                          | Pasquotank  | 37139 | R                    | 3.98E-05                                                               | 3.98E-05 | 5.77E-05 | 1.73E-04 | 1.49E-04 | 2.47E-04 | 2.81E-04 | 2.81E-04 | 2.95E-09                         | 1.13E-04          | 3.62E-05         | 0.00E+00          | 0.00E+00                |
| North Carolina                                                                          | Pender      | 37141 | R                    | 2.09E-04                                                               | 2.09E-04 | 2.23E-04 | 4.01E-04 | 4.15E-04 | 5.20E-04 | 7.35E-04 | 7.35E-04 | 3.03E-04                         | 4.78E-05          | 9.04E-06         | 5.54E-05          | 0.00E+00                |
| North Carolina                                                                          | Perquimans  | 37143 | R                    | 3.10E-05                                                               | 3.10E-05 | 3.10E-05 | 9.67E-05 | 9.67E-05 | 1.62E-04 | 1.62E-04 | 1.62E-04 | 6.35E-05                         | 2.46E-05          | 8.55E-06         | 0.00E+00          | 0.00E+00                |
| North Carolina                                                                          | Person      | 37145 | R                    | 4.30E-03                                                               | 4.30E-03 | 5.79E-03 | 7.07E-03 | 7.29E-03 | 9.41E-03 | 1.01E-02 | 1.01E-02 | 6.87E-03                         | 3.68E-04          | 3.09E-05         | 2.16E-05          | 0.00E+00                |
| North Carolina                                                                          | Pitt        | 37147 | U                    | 2.18E-04                                                               | 2.68E-04 | 3.29E-04 | 4.39E-04 | 1.11E-03 | 1.02E-03 | 1.69E-03 | 5.94E-03 | 7.84E-06                         | 1.38E-04          | 1.24E-05         | 9.48E-04          | 0.00E+00                |
| North Carolina                                                                          | Polk        | 37149 | R                    | 4.99E-04                                                               | 4.99E-04 | 4.99E-04 | 9.78E-04 | 1.26E-03 | 2.29E-03 | 2.29E-03 | 2.29E-03 | 9.94E-04                         | 1.83E-04          | 1.79E-05         | 6.08E-05          | 0.00E+00                |
| North Carolina                                                                          | Randolph    | 37151 | U                    | 8.42E-04                                                               | 9.50E-04 | 1.52E-03 | 2.28E-03 | 2.77E-03 | 3.68E-03 | 4.76E-03 | 4.97E-03 | 2.28E-04                         | 2.13E-03          | 1.97E-05         | 3.93E-04          | 0.00E+00                |
| North Carolina                                                                          | Richmond    | 37153 | R                    | 3.22E-04                                                               | 3.99E-04 | 5.31E-04 | 6.45E-04 | 6.14E-04 | 7.11E-04 | 7.78E-04 | 7.96E-04 | 1.38E-04                         | 4.22E-04          | 3.12E-05         | 2.35E-05          | 0.00E+00                |
| North Carolina                                                                          | Robeson     | 37155 | R                    | 3.10E-04                                                               | 3.14E-04 | 4.19E-04 | 5.79E-04 | 7.24E-04 | 9.80E-04 | 1.32E-03 | 1.53E-03 | 5.09E-04                         | 1.49E-04          | 3.21E-05         | 3.43E-05          | 0.00E+00                |
| North Carolina                                                                          | Rockingham  | 37157 | R                    | 3.10E-04                                                               | 4.90E-04 | 6.16E-04 | 8.66E-04 | 8.72E-04 | 1.04E-03 | 1.43E-03 | 1.81E-03 | 1.87E-04                         | 2.58E-04          | 3.61E-05         | 3.91E-04          | 0.00E+00                |
| North Carolina                                                                          | Rowan       | 37159 | U                    | 3.55E-04                                                               | 4.03E-04 | 4.61E-04 | 5.62E-04 | 8.31E-04 | 7.54E-04 | 2.07E-03 | 2.28E-03 | 9.78E-05                         | 4.82E-04          | 2.48E-05         | 2.27E-04          | 0.00E+00                |
| North Carolina                                                                          | Rutherford  | 37161 | R                    | 4.04E-04                                                               | 4.34E-04 | 4.95E-04 | 1.28E-03 | 1.80E-03 | 1.76E-03 | 4.13E-03 | 7.13E-03 | 6.11E-05                         | 1.66E-03          | 3.00E-05         | 4.49E-05          | 0.00E+00                |

| Estimated Annual Average Ambient Concentrations (µg/m <sup>3</sup> ) for Lead Compounds |                    |       |                      |                                                                        |          |          |          |          |          |          |          |                                  |                   |                  |                   |                         |
|-----------------------------------------------------------------------------------------|--------------------|-------|----------------------|------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------------------------------|-------------------|------------------|-------------------|-------------------------|
| State                                                                                   | County             | FIPS  | Urban<br>or<br>Rural | Percentile Distribution of Ambient Concentrations Across Census Tracts |          |          |          |          |          |          |          | Contribution to Average from ... |                   |                  |                   |                         |
|                                                                                         |                    |       |                      | 5th                                                                    | 10th     | 25th     | Median   | Average  | 75th     | 90th     | 95th     | Major                            | Area and<br>Other | Onroad<br>Mobile | Nonroad<br>Mobile | Estimated<br>Background |
| North Carolina                                                                          | Sampson            | 37163 | R                    | 3.40E-04                                                               | 3.46E-04 | 4.16E-04 | 6.14E-04 | 7.11E-04 | 9.45E-04 | 1.34E-03 | 1.68E-03 | 4.73E-05                         | 6.42E-04          | 1.48E-05         | 7.07E-06          | 0.00E+00                |
| North Carolina                                                                          | Scotland           | 37165 | R                    | 3.19E-04                                                               | 3.19E-04 | 3.94E-04 | 5.48E-04 | 5.35E-04 | 6.93E-04 | 7.09E-04 | 7.09E-04 | 8.07E-05                         | 4.19E-04          | 3.03E-05         | 5.23E-06          | 0.00E+00                |
| North Carolina                                                                          | Stanly             | 37167 | R                    | 1.20E-04                                                               | 1.61E-04 | 2.03E-04 | 3.29E-04 | 4.27E-04 | 4.38E-04 | 8.80E-04 | 1.38E-03 | 5.94E-05                         | 2.49E-04          | 3.36E-05         | 8.53E-05          | 0.00E+00                |
| North Carolina                                                                          | Stokes             | 37169 | U                    | 2.19E-04                                                               | 2.19E-04 | 2.97E-04 | 6.44E-04 | 6.09E-04 | 7.99E-04 | 1.09E-03 | 1.09E-03 | 7.38E-05                         | 3.28E-04          | 1.45E-05         | 1.93E-04          | 0.00E+00                |
| North Carolina                                                                          | Surry              | 37171 | R                    | 1.58E-04                                                               | 1.69E-04 | 1.84E-04 | 2.28E-04 | 2.89E-04 | 3.83E-04 | 4.71E-04 | 6.15E-04 | 1.00E-04                         | 1.60E-04          | 2.87E-05         | 1.34E-07          | 0.00E+00                |
| North Carolina                                                                          | Swain              | 37173 | R                    | 4.50E-05                                                               | 4.50E-05 | 4.50E-05 | 4.76E-05 | 5.66E-05 | 7.74E-05 | 7.74E-05 | 7.74E-05 | 4.94E-06                         | 4.14E-05          | 1.03E-05         | 0.00E+00          | 0.00E+00                |
| North Carolina                                                                          | Transylvania       | 37175 | R                    | 2.81E-04                                                               | 2.81E-04 | 3.44E-04 | 6.69E-04 | 6.63E-04 | 8.87E-04 | 1.13E-03 | 1.13E-03 | 5.53E-04                         | 7.61E-05          | 2.51E-05         | 8.04E-06          | 0.00E+00                |
| North Carolina                                                                          | Tyrrell            | 37177 | R                    | 3.34E-05                                                               | 3.34E-05 | 3.34E-05 | 3.34E-05 | 3.34E-05 | 3.34E-05 | 3.34E-05 | 3.34E-05 | 2.75E-05                         | 4.40E-06          | 1.49E-06         | 0.00E+00          | 0.00E+00                |
| North Carolina                                                                          | Union              | 37179 | U                    | 1.35E-04                                                               | 2.80E-04 | 5.62E-04 | 1.78E-03 | 1.56E-03 | 2.26E-03 | 2.88E-03 | 2.95E-03 | 1.29E-04                         | 7.49E-04          | 1.76E-05         | 6.65E-04          | 0.00E+00                |
| North Carolina                                                                          | Vance              | 37181 | R                    | 6.74E-04                                                               | 6.87E-04 | 8.84E-04 | 1.12E-03 | 1.06E-03 | 1.30E-03 | 1.35E-03 | 1.40E-03 | 5.60E-04                         | 4.67E-04          | 3.35E-05         | 0.00E+00          | 0.00E+00                |
| North Carolina                                                                          | Wake               | 37183 | U                    | 4.58E-04                                                               | 5.67E-04 | 9.37E-04 | 1.15E-03 | 1.37E-03 | 1.54E-03 | 2.22E-03 | 2.99E-03 | 1.22E-04                         | 6.94E-04          | 5.09E-05         | 5.07E-04          | 0.00E+00                |
| North Carolina                                                                          | Warren             | 37185 | R                    | 4.28E-04                                                               | 4.28E-04 | 5.30E-04 | 6.50E-04 | 6.44E-04 | 7.57E-04 | 8.47E-04 | 8.47E-04 | 1.11E-04                         | 1.21E-04          | 1.14E-05         | 0.00E+00          | 0.00E+00                |
| North Carolina                                                                          | Washington         | 37187 | R                    | 8.40E-05                                                               | 8.40E-05 | 8.40E-05 | 1.44E-04 | 4.73E-04 | 1.19E-03 | 1.19E-03 | 1.19E-03 | 4.45E-04                         | 2.06E-05          | 7.30E-06         | 0.00E+00          | 0.00E+00                |
| North Carolina                                                                          | Watauga            | 37189 | R                    | 1.73E-04                                                               | 1.80E-04 | 1.89E-04 | 3.89E-04 | 9.12E-04 | 1.16E-03 | 2.84E-03 | 4.43E-03 | 5.57E-05                         | 8.24E-04          | 3.23E-05         | 0.00E+00          | 0.00E+00                |
| North Carolina                                                                          | Wayne              | 37191 | R                    | 2.51E-04                                                               | 2.70E-04 | 4.99E-04 | 6.25E-04 | 7.06E-04 | 8.79E-04 | 1.13E-03 | 1.51E-03 | 7.14E-05                         | 6.09E-04          | 1.98E-05         | 6.39E-06          | 0.00E+00                |
| North Carolina                                                                          | Wilkes             | 37193 | R                    | 2.41E-04                                                               | 2.79E-04 | 4.49E-04 | 6.74E-04 | 9.92E-04 | 1.23E-03 | 1.74E-03 | 3.70E-03 | 6.84E-04                         | 2.80E-04          | 2.31E-05         | 4.90E-06          | 0.00E+00                |
| North Carolina                                                                          | Wilson             | 37195 | U                    | 1.46E-04                                                               | 1.74E-04 | 2.17E-04 | 4.23E-04 | 3.83E-04 | 5.42E-04 | 5.85E-04 | 6.40E-04 | 6.35E-05                         | 1.64E-04          | 3.96E-05         | 1.16E-04          | 0.00E+00                |
| North Carolina                                                                          | Yadkin             | 37197 | U                    | 2.29E-04                                                               | 2.79E-04 | 2.77E-04 | 2.80E-04 | 3.00E-04 | 3.29E-04 | 3.85E-04 | 3.85E-04 | 9.64E-05                         | 1.91E-04          | 1.26E-05         | 4.96E-07          | 0.00E+00                |
| North Carolina                                                                          | Yancey             | 37199 | R                    | 8.71E-05                                                               | 8.71E-05 | 9.16E-05 | 1.10E-04 | 1.11E-04 | 1.30E-04 | 1.36E-04 | 1.36E-04 | 3.25E-05                         | 6.54E-05          | 1.30E-05         | 0.00E+00          | 0.00E+00                |
| North Dakota                                                                            | Statewide          | N/A   | N/A                  | 1.87E-06                                                               | 2.54E-06 | 5.23E-06 | 3.60E-05 | 2.59E-04 | 3.14E-04 | 8.75E-04 | 1.25E-03 | 2.60E-05                         | 6.76E-05          | 4.37E-06         | 1.61E-04          | 0.00E+00                |
| North Dakota                                                                            | All Urban Counties | N/A   | U                    | 8.82E-06                                                               | 1.67E-05 | 3.60E-05 | 2.84E-04 | 4.63E-04 | 6.65E-04 | 1.22E-03 | 1.40E-03 | 4.67E-05                         | 1.13E-04          | 7.19E-06         | 2.95E-04          | 0.00E+00                |
| North Dakota                                                                            | All Rural Counties | N/A   | R                    | 1.48E-06                                                               | 1.82E-06 | 2.64E-06 | 5.56E-06 | 1.86E-05 | 2.15E-05 | 5.36E-05 | 7.47E-05 | 1.50E-06                         | 1.33E-05          | 1.03E-06         | 2.73E-06          | 0.00E+00                |
| North Dakota                                                                            | Adams              | 38001 | R                    | 4.75E-06                                                               | 4.75E-06 | 4.75E-06 | 2.48E-05 | 2.48E-05 | 4.49E-05 | 4.49E-05 | 4.49E-05 | 0.00E+00                         | 2.40E-05          | 7.85E-07         | 0.00E+00          | 0.00E+00                |
| North Dakota                                                                            | Barnes             | 38003 | U                    | 1.30E-05                                                               | 1.30E-05 | 1.59E-05 | 2.12E-05 | 1.48E-04 | 3.45E-04 | 3.45E-04 | 3.45E-04 | 0.00E+00                         | 1.39E-04          | 4.77E-06         | 4.47E-06          | 0.00E+00                |
| North Dakota                                                                            | Benson             | 38005 | R                    | 5.10E-06                                                               | 5.10E-06 | 5.10E-06 | 1.08E-05 | 3.88E-05 | 1.01E-04 | 1.01E-04 | 1.01E-04 | 0.00E+00                         | 1.25E-06          | 5.40E-07         | 3.71E-05          | 0.00E+00                |
| North Dakota                                                                            | Billings           | 38007 | R                    | 6.21E-06                                                               | 6.21E-06 | 6.21E-06 | 6.21E-06 | 6.21E-06 | 6.21E-06 | 6.21E-06 | 6.21E-06 | 0.00E+00                         | 6.55E-07          | 2.04E-07         | 5.35E-06          | 0.00E+00                |
| North Dakota                                                                            | Bottineau          | 38009 | R                    | 1.87E-06                                                               | 1.87E-06 | 2.25E-06 | 3.67E-06 | 1.66E-05 | 3.10E-05 | 5.72E-05 | 5.72E-05 | 0.00E+00                         | 1.53E-05          | 1.31E-06         | 0.00E+00          | 0.00E+00                |
| North Dakota                                                                            | Bowman             | 38011 | R                    | 4.35E-06                                                               | 4.35E-06 | 4.35E-06 | 2.88E-05 | 2.88E-05 | 5.33E-05 | 5.33E-05 | 5.33E-05 | 0.00E+00                         | 2.79E-05          | 9.38E-07         | 0.00E+00          | 0.00E+00                |
| North Dakota                                                                            | Burke              | 38013 | R                    | 1.48E-06                                                               | 1.48E-06 | 1.48E-06 | 1.58E-06 | 1.58E-06 | 1.69E-06 | 1.69E-06 | 1.69E-06 | 0.00E+00                         | 1.21E-06          | 3.71E-07         | 0.00E+00          | 0.00E+00                |
| North Dakota                                                                            | Burleigh           | 38015 | U                    | 6.79E-05                                                               | 1.65E-04 | 7.92E-04 | 9.98E-04 | 1.18E-03 | 1.40E-03 | 2.51E-03 | 3.01E-03 | 2.10E-04                         | 9.21E-05          | 4.41E-06         | 8.75E-04          | 0.00E+00                |
| North Dakota                                                                            | Cass               | 38017 | U                    | 2.37E-05                                                               | 3.16E-05 | 6.78E-05 | 4.26E-04 | 5.32E-04 | 8.15E-04 | 9.76E-04 | 1.29E-03 | 1.27E-07                         | 2.54E-04          | 7.37E-06         | 2.71E-04          | 0.00E+00                |
| North Dakota                                                                            | Cavalier           | 38019 | R                    | 2.56E-06                                                               | 2.56E-06 | 2.56E-06 | 4.84E-06 | 2.01E-05 | 5.28E-05 | 5.28E-05 | 5.28E-05 | 3.79E-07                         | 1.85E-05          | 1.17E-06         | 0.00E+00          | 0.00E+00                |
| North Dakota                                                                            | Dickey             | 38021 | R                    | 3.75E-06                                                               | 3.75E-06 | 3.75E-06 | 6.60E-06 | 1.90E-05 | 4.67E-05 | 4.67E-05 | 4.67E-05 | 0.00E+00                         | 1.77E-05          | 1.34E-06         | 0.00E+00          | 0.00E+00                |
| North Dakota                                                                            | Divide             | 38023 | R                    | 2.35E-06                                                               | 2.35E-06 | 2.35E-06 | 4.22E-06 | 4.22E-06 | 6.09E-06 | 6.09E-06 | 6.09E-06 | 0.00E+00                         | 3.87E-06          | 3.48E-07         | 0.00E+00          | 0.00E+00                |
| North Dakota                                                                            | Dunn               | 38025 | R                    | 1.38E-06                                                               | 1.38E-06 | 1.38E-06 | 7.46E-06 | 1.87E-05 | 4.72E-05 | 4.72E-05 | 4.72E-05 | 0.00E+00                         | 1.65E-05          | 3.60E-07         | 1.82E-06          | 0.00E+00                |
| North Dakota                                                                            | Eddy               | 38027 | R                    | 2.75E-05                                                               | 2.75E-05 | 2.75E-05 | 6.56E-05 | 6.56E-05 | 1.04E-04 | 1.04E-04 | 1.04E-04 | 0.00E+00                         | 5.22E-05          | 1.63E-06         | 1.18E-05          | 0.00E+00                |
| North Dakota                                                                            | Emmons             | 38029 | R                    | 1.87E-06                                                               | 1.87E-06 | 1.87E-06 | 3.95E-06 | 1.76E-05 | 4.69E-05 | 4.69E-05 | 4.69E-05 | 0.00E+00                         | 1.68E-05          | 7.98E-07         | 0.00E+00          | 0.00E+00                |
| North Dakota                                                                            | Foster             | 38031 | R                    | 4.84E-06                                                               | 4.84E-06 | 4.84E-06 | 4.04E-05 | 4.04E-05 | 7.60E-05 | 7.60E-05 | 7.60E-05 | 0.00E+00                         | 3.87E-05          | 1.75E-06         | 0.00E+00          | 0.00E+00                |
| North Dakota                                                                            | Golden Valley      | 38033 | R                    | 1.75E-06                                                               | 1.75E-06 | 1.75E-06 | 1.75E-06 | 1.75E-06 | 1.75E-06 | 1.75E-06 | 1.75E-06 | 0.00E+00                         | 1.54E-06          | 2.09E-07         | 0.00E+00          | 0.00E+00                |
| North Dakota                                                                            | Grand Forks        | 38035 | U                    | 2.01E-05                                                               | 2.07E-05 | 2.03E-04 | 2.67E-04 | 2.66E-04 | 4.19E-04 | 4.83E-04 | 5.08E-04 | 1.28E-05                         | 1.19E-04          | 7.71E-06         | 1.26E-04          | 0.00E+00                |
| North Dakota                                                                            | Grant              | 38037 | R                    | 2.21E-06                                                               | 2.21E-06 | 2.21E-06 | 2.38E-06 | 2.38E-06 | 2.54E-06 | 2.54E-06 | 2.54E-06 | 0.00E+00                         | 2.11E-06          | 2.63E-07         | 0.00E+00          | 0.00E+00                |
| North Dakota                                                                            | Griggs             | 38039 | R                    | 4.12E-06                                                               | 4.12E-06 | 4.12E-06 | 7.82E-06 | 7.82E-06 | 1.15E-05 | 1.15E-05 | 1.15E-05 | 0.00E+00                         | 7.24E-06          | 5.75E-07         | 0.00E+00          | 0.00E+00                |
| North Dakota                                                                            | Hettinger          | 38041 | R                    | 2.12E-06                                                               | 2.12E-06 | 2.12E-06 | 5.17E-06 | 5.17E-06 | 8.21E-06 | 8.21E-06 | 8.21E-06 | 0.00E+00                         | 1.66E-06          | 2.21E-07         | 3.29E-06          | 0.00E+00                |
| North Dakota                                                                            | Kidder             | 38043 | R                    | 2.71E-06                                                               | 2.71E-06 | 2.71E-06 | 4.33E-06 | 4.33E-06 | 5.94E-06 | 5.94E-06 | 5.94E-06 | 0.00E+00                         | 4.06E-06          | 2.64E-07         | 0.00E+00          | 0.00E+00                |
| North Dakota                                                                            | LaMoure            | 38045 | R                    | 2.14E-06                                                               | 2.14E-06 | 2.14E-06 | 2.92E-06 | 3.10E-06 | 4.25E-06 | 4.25E-06 | 4.25E-06 | 0.00E+00                         | 2.65E-06          | 4.51E-07         | 0.00E+00          | 0.00E+00                |
| North Dakota                                                                            | Logan              | 38047 | R                    | 2.56E-06                                                               | 2.56E-06 | 2.56E-06 | 2.56E-06 | 2.56E-06 | 2.56E-06 | 2.56E-06 | 2.56E-06 | 0.00E+00                         | 2.31E-06          | 2.56E-07         | 0.00E+00          | 0.00E+00                |
| North Dakota                                                                            | McHenry            | 38049 | R                    | 1.31E-06                                                               | 1.31E-06 | 1.43E-06 | 5.88E-06 | 6.98E-06 | 1.25E-05 | 1.49E-05 | 1.49E-05 | 0.00E+00                         | 2.82E-06          | 5.35E-07         | 3.63E-06          | 0.00E+00                |
| North Dakota                                                                            | McIntosh           | 38051 | R                    | 5.20E-06                                                               | 5.20E-06 | 5.20E-06 | 5.22E-06 | 5.22E-06 | 5.23E-06 | 5.23E-06 | 5.23E-06 | 0.00E+00                         | 4.82E-06          | 3.98E-07         | 0.00E+00          | 0.00E+00                |
| North Dakota                                                                            | McKenzie           | 38053 | R                    | 2.33E-06                                                               | 2.33E-06 | 3.68E-06 | 1.30E-05 | 2.25E-05 | 4.13E-05 | 6.16E-05 | 6.16E-05 | 2.53E-07                         | 1.53E-05          | 9.66E-07         | 5.97E-06          | 0.00E+00                |
| North Dakota                                                                            | McLean             | 38055 | R                    | 1.82E-06                                                               | 1.82E-06 | 2.21E-06 | 2.39E-06 | 1.18E-05 | 1.82E-05 | 4.36E-05 | 4.36E-05 | 6.56E-06                         | 4.58E-06          | 6.39E-07         | 0.00E+00          | 0.00E+00                |

| Estimated Annual Average Ambient Concentrations ( $\mu\text{g}/\text{m}^3$ ) for Lead Compounds |                    |       |                      |                                                                        |          |          |          |          |          |          |          |                                  |                   |                  |                   |                         |
|-------------------------------------------------------------------------------------------------|--------------------|-------|----------------------|------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------------------------------|-------------------|------------------|-------------------|-------------------------|
| State                                                                                           | County             | FIPS  | Urban<br>or<br>Rural | Percentile Distribution of Ambient Concentrations Across Census Tracts |          |          |          |          |          |          |          | Contribution to Average from ... |                   |                  |                   |                         |
|                                                                                                 |                    |       |                      | 5th                                                                    | 10th     | 25th     | Median   | Average  | 75th     | 90th     | 95th     | Major                            | Area and<br>Other | Onroad<br>Mobile | Nonroad<br>Mobile | Estimated<br>Background |
| North Dakota                                                                                    | Mercer             | 38057 | U                    | 2.57E-06                                                               | 2.57E-06 | 3.08E-06 | 1.10E-05 | 1.12E-05 | 1.93E-05 | 2.02E-05 | 2.02E-05 | 0.00E+00                         | 9.53E-06          | 1.64E-06         | 0.00E+00          | 0.00E+00                |
| North Dakota                                                                                    | Morton             | 38059 | U                    | 2.97E-06                                                               | 2.97E-06 | 5.95E-05 | 5.83E-04 | 5.27E-04 | 9.95E-04 | 9.95E-04 | 9.95E-04 | 3.93E-04                         | 3.65E-05          | 1.67E-06         | 9.55E-05          | 0.00E+00                |
| North Dakota                                                                                    | Mountrail          | 38061 | R                    | 2.63E-06                                                               | 2.63E-06 | 2.63E-06 | 2.86E-06 | 3.23E-06 | 4.20E-06 | 4.20E-06 | 4.20E-06 | 0.00E+00                         | 2.81E-06          | 4.20E-07         | 0.00E+00          | 0.00E+00                |
| North Dakota                                                                                    | Nelson             | 38063 | R                    | 3.38E-06                                                               | 3.38E-06 | 3.38E-06 | 3.88E-06 | 1.96E-05 | 5.16E-05 | 5.16E-05 | 5.16E-05 | 0.00E+00                         | 4.07E-06          | 4.26E-07         | 1.51E-05          | 0.00E+00                |
| North Dakota                                                                                    | Oliver             | 38065 | R                    | 1.62E-05                                                               | 1.62E-05 | 1.62E-05 | 1.62E-05 | 1.62E-05 | 1.62E-05 | 1.62E-05 | 1.62E-05 | 1.52E-05                         | 7.26E-07          | 2.90E-07         | 0.00E+00          | 0.00E+00                |
| North Dakota                                                                                    | Pembina            | 38067 | R                    | 1.15E-05                                                               | 1.15E-05 | 1.29E-05 | 1.36E-05 | 2.17E-05 | 2.28E-05 | 4.77E-05 | 4.77E-05 | 9.75E-06                         | 1.07E-05          | 1.27E-06         | 0.00E+00          | 0.00E+00                |
| North Dakota                                                                                    | Pierce             | 38069 | U                    | 3.87E-06                                                               | 3.87E-06 | 3.87E-06 | 3.94E-06 | 3.94E-06 | 4.02E-06 | 4.02E-06 | 4.02E-06 | 0.00E+00                         | 3.26E-06          | 6.87E-07         | 0.00E+00          | 0.00E+00                |
| North Dakota                                                                                    | Ramsey             | 38071 | U                    | 2.56E-05                                                               | 2.56E-05 | 1.36E-04 | 1.29E-03 | 1.07E-03 | 1.67E-03 | 2.00E-03 | 2.00E-03 | 0.00E+00                         | 6.55E-05          | 8.12E-06         | 9.95E-04          | 0.00E+00                |
| North Dakota                                                                                    | Ransom             | 38073 | R                    | 1.02E-05                                                               | 1.02E-05 | 1.02E-05 | 1.42E-05 | 3.07E-05 | 6.77E-05 | 6.77E-05 | 6.77E-05 | 0.00E+00                         | 2.93E-05          | 1.36E-06         | 0.00E+00          | 0.00E+00                |
| North Dakota                                                                                    | Renville           | 38075 | R                    | 9.08E-06                                                               | 9.08E-06 | 9.08E-06 | 9.43E-06 | 9.43E-06 | 9.78E-06 | 9.78E-06 | 9.78E-06 | 0.00E+00                         | 6.90E-06          | 7.61E-07         | 1.77E-06          | 0.00E+00                |
| North Dakota                                                                                    | Richland           | 38077 | U                    | 8.82E-06                                                               | 8.82E-06 | 1.21E-05 | 2.32E-05 | 1.08E-04 | 2.84E-04 | 3.77E-04 | 3.77E-04 | 5.38E-05                         | 4.36E-05          | 5.96E-06         | 4.69E-06          | 0.00E+00                |
| North Dakota                                                                                    | Rolette            | 38079 | R                    | 4.79E-06                                                               | 4.79E-06 | 5.59E-06 | 7.08E-06 | 7.83E-06 | 1.01E-05 | 1.24E-05 | 1.24E-05 | 0.00E+00                         | 6.44E-06          | 1.39E-06         | 0.00E+00          | 0.00E+00                |
| North Dakota                                                                                    | Sargent            | 38081 | R                    | 4.07E-06                                                               | 4.07E-06 | 4.07E-06 | 5.16E-06 | 5.04E-06 | 5.89E-06 | 5.89E-06 | 5.89E-06 | 0.00E+00                         | 4.33E-06          | 7.08E-07         | 0.00E+00          | 0.00E+00                |
| North Dakota                                                                                    | Sheridan           | 38083 | R                    | 5.38E-07                                                               | 5.38E-07 | 5.38E-07 | 5.38E-07 | 5.38E-07 | 5.38E-07 | 5.38E-07 | 5.38E-07 | 0.00E+00                         | 3.49E-07          | 1.89E-07         | 0.00E+00          | 0.00E+00                |
| North Dakota                                                                                    | Sioux              | 38085 | R                    | 8.50E-07                                                               | 8.50E-07 | 8.50E-07 | 8.50E-07 | 8.50E-07 | 8.50E-07 | 8.50E-07 | 8.50E-07 | 0.00E+00                         | 5.63E-07          | 2.87E-07         | 0.00E+00          | 0.00E+00                |
| North Dakota                                                                                    | Slope              | 38087 | R                    | 1.15E-06                                                               | 1.15E-06 | 1.15E-06 | 1.15E-06 | 1.15E-06 | 1.15E-06 | 1.15E-06 | 1.15E-06 | 0.00E+00                         | 1.02E-06          | 1.33E-07         | 0.00E+00          | 0.00E+00                |
| North Dakota                                                                                    | Stark              | 38089 | U                    | 1.67E-05                                                               | 1.67E-05 | 6.29E-05 | 1.68E-04 | 1.68E-04 | 2.28E-04 | 4.05E-04 | 4.05E-04 | 0.00E+00                         | 6.33E-05          | 7.89E-06         | 9.63E-05          | 0.00E+00                |
| North Dakota                                                                                    | Steele             | 38091 | R                    | 3.34E-06                                                               | 3.34E-06 | 3.34E-06 | 3.34E-06 | 3.34E-06 | 3.34E-06 | 3.34E-06 | 3.34E-06 | 0.00E+00                         | 2.96E-06          | 3.71E-07         | 0.00E+00          | 0.00E+00                |
| North Dakota                                                                                    | Stutsman           | 38093 | U                    | 1.02E-05                                                               | 1.02E-05 | 4.08E-05 | 1.42E-04 | 2.69E-04 | 4.95E-04 | 7.25E-04 | 7.25E-04 | 0.00E+00                         | 8.83E-05          | 6.28E-06         | 1.74E-04          | 0.00E+00                |
| North Dakota                                                                                    | Towner             | 38095 | R                    | 2.95E-06                                                               | 2.95E-06 | 2.95E-06 | 1.25E-05 | 1.25E-05 | 2.20E-05 | 2.20E-05 | 2.20E-05 | 0.00E+00                         | 3.26E-06          | 4.08E-07         | 8.83E-06          | 0.00E+00                |
| North Dakota                                                                                    | Traill             | 38097 | R                    | 1.14E-05                                                               | 1.14E-05 | 1.81E-05 | 3.92E-05 | 4.11E-05 | 6.42E-05 | 7.47E-05 | 7.47E-05 | 9.89E-06                         | 2.57E-05          | 2.55E-06         | 3.02E-06          | 0.00E+00                |
| North Dakota                                                                                    | Walsh              | 38099 | R                    | 4.89E-06                                                               | 4.89E-06 | 1.07E-05 | 3.98E-05 | 5.36E-05 | 1.13E-04 | 1.13E-04 | 1.13E-04 | 1.88E-06                         | 4.51E-05          | 4.17E-06         | 2.47E-06          | 0.00E+00                |
| North Dakota                                                                                    | Ward               | 38101 | U                    | 1.44E-05                                                               | 1.77E-05 | 9.04E-05 | 2.05E-04 | 2.68E-04 | 3.03E-04 | 3.24E-04 | 1.22E-03 | 0.00E+00                         | 8.34E-05          | 1.52E-05         | 1.69E-04          | 0.00E+00                |
| North Dakota                                                                                    | Wells              | 38103 | R                    | 1.82E-06                                                               | 1.82E-06 | 1.82E-06 | 2.54E-06 | 2.29E-05 | 6.42E-05 | 6.42E-05 | 6.42E-05 | 0.00E+00                         | 2.18E-05          | 1.08E-06         | 0.00E+00          | 0.00E+00                |
| North Dakota                                                                                    | Williams           | 38105 | U                    | 5.59E-06                                                               | 5.59E-06 | 3.62E-05 | 4.18E-04 | 5.41E-04 | 1.09E-03 | 1.25E-03 | 1.25E-03 | 0.00E+00                         | 6.85E-05          | 8.81E-06         | 4.64E-04          | 0.00E+00                |
| Ohio                                                                                            | Statewide          | N/A   | N/A                  | 2.26E-04                                                               | 3.60E-04 | 8.98E-04 | 2.09E-03 | 5.79E-03 | 6.37E-03 | 1.33E-02 | 2.16E-02 | 8.09E-05                         | 4.30E-03          | 4.64E-05         | 1.36E-03          | 0.00E+00                |
| Ohio                                                                                            | All Urban Counties | N/A   | U                    | 4.70E-04                                                               | 6.78E-04 | 1.44E-03 | 3.00E-03 | 6.74E-03 | 7.31E-03 | 1.49E-02 | 2.41E-02 | 8.76E-05                         | 4.95E-03          | 5.16E-05         | 1.65E-03          | 0.00E+00                |
| Ohio                                                                                            | All Rural Counties | N/A   | R                    | 1.00E-04                                                               | 1.35E-04 | 2.41E-04 | 4.42E-04 | 1.62E-03 | 1.06E-03 | 2.74E-03 | 4.29E-03 | 5.17E-05                         | 1.43E-03          | 2.36E-05         | 1.07E-04          | 0.00E+00                |
| Ohio                                                                                            | Adams              | 39001 | R                    | 7.34E-05                                                               | 7.34E-05 | 8.16E-05 | 9.53E-05 | 1.01E-04 | 1.30E-04 | 1.32E-04 | 1.32E-04 | 1.92E-05                         | 6.83E-05          | 1.38E-05         | 0.00E+00          | 0.00E+00                |
| Ohio                                                                                            | Allen              | 39003 | R                    | 1.89E-03                                                               | 1.97E-03 | 2.28E-03 | 2.72E-03 | 2.86E-03 | 3.16E-03 | 4.28E-03 | 5.05E-03 | 1.05E-04                         | 2.74E-03          | 1.31E-05         | 0.00E+00          | 0.00E+00                |
| Ohio                                                                                            | Ashland            | 39005 | R                    | 1.33E-03                                                               | 2.34E-03 | 2.67E-03 | 2.21E-02 | 3.08E-02 | 3.38E-02 | 3.39E-02 | 1.81E-01 | 4.07E-06                         | 3.08E-02          | 3.56E-05         | 1.48E-07          | 0.00E+00                |
| Ohio                                                                                            | Ashtabula          | 39007 | U                    | 1.43E-04                                                               | 1.66E-04 | 2.24E-04 | 3.08E-04 | 3.23E-04 | 3.77E-04 | 5.05E-04 | 5.90E-04 | 1.16E-05                         | 2.60E-04          | 2.81E-05         | 2.34E-05          | 0.00E+00                |
| Ohio                                                                                            | Athens             | 39009 | R                    | 8.07E-05                                                               | 1.51E-04 | 1.82E-04 | 2.82E-04 | 2.85E-04 | 4.07E-04 | 4.73E-04 | 5.28E-04 | 1.17E-05                         | 2.36E-04          | 3.20E-05         | 5.35E-06          | 0.00E+00                |
| Ohio                                                                                            | Auglaize           | 39011 | U                    | 1.93E-04                                                               | 1.94E-04 | 2.35E-04 | 3.22E-04 | 3.27E-04 | 3.82E-04 | 4.81E-04 | 5.20E-04 | 4.74E-05                         | 2.71E-04          | 8.84E-06         | 0.00E+00          | 0.00E+00                |
| Ohio                                                                                            | Belmont            | 39013 | R                    | 1.06E-04                                                               | 1.21E-04 | 1.57E-04 | 2.50E-04 | 2.36E-04 | 2.86E-04 | 3.73E-04 | 4.14E-04 | 1.56E-05                         | 2.11E-04          | 9.81E-06         | 0.00E+00          | 0.00E+00                |
| Ohio                                                                                            | Brown              | 39015 | U                    | 7.25E-05                                                               | 7.25E-05 | 1.02E-04 | 1.32E-04 | 1.76E-04 | 2.69E-04 | 3.32E-04 | 3.32E-04 | 1.58E-05                         | 1.12E-04          | 1.69E-05         | 3.11E-05          | 0.00E+00                |
| Ohio                                                                                            | Butler             | 39017 | U                    | 1.38E-03                                                               | 1.68E-03 | 2.05E-03 | 2.69E-03 | 2.92E-03 | 3.80E-03 | 4.52E-03 | 4.87E-03 | 4.34E-05                         | 1.94E-03          | 5.05E-05         | 8.93E-04          | 0.00E+00                |
| Ohio                                                                                            | Carroll            | 39019 | U                    | 3.65E-04                                                               | 3.65E-04 | 3.69E-04 | 8.82E-04 | 2.01E-03 | 3.85E-03 | 6.34E-03 | 6.34E-03 | 5.27E-05                         | 1.94E-03          | 8.66E-06         | 9.04E-06          | 0.00E+00                |
| Ohio                                                                                            | Champaign          | 39021 | R                    | 8.89E-05                                                               | 8.89E-05 | 1.82E-04 | 2.76E-04 | 3.44E-04 | 5.97E-04 | 5.99E-04 | 5.99E-04 | 9.99E-06                         | 2.43E-04          | 3.33E-05         | 5.78E-05          | 0.00E+00                |
| Ohio                                                                                            | Clark              | 39023 | U                    | 3.17E-04                                                               | 3.24E-04 | 4.10E-04 | 4.95E-04 | 5.10E-04 | 6.13E-04 | 6.70E-04 | 7.12E-04 | 1.84E-05                         | 3.34E-04          | 3.06E-05         | 1.27E-04          | 0.00E+00                |
| Ohio                                                                                            | Clermont           | 39025 | U                    | 3.30E-04                                                               | 4.44E-04 | 1.24E-03 | 1.55E-03 | 1.45E-03 | 1.93E-03 | 2.15E-03 | 2.23E-03 | 4.53E-05                         | 6.22E-04          | 3.94E-05         | 7.41E-04          | 0.00E+00                |
| Ohio                                                                                            | Clinton            | 39027 | R                    | 5.40E-04                                                               | 5.40E-04 | 7.48E-04 | 1.05E-03 | 3.25E-03 | 4.29E-03 | 1.41E-02 | 1.41E-02 | 1.29E-05                         | 1.18E-04          | 2.64E-05         | 3.09E-03          | 0.00E+00                |
| Ohio                                                                                            | Columbiana         | 39029 | U                    | 7.12E-04                                                               | 8.72E-04 | 1.24E-03 | 1.67E-03 | 1.82E-03 | 2.51E-03 | 2.95E-03 | 3.02E-03 | 1.14E-04                         | 1.43E-03          | 3.67E-05         | 2.40E-04          | 0.00E+00                |
| Ohio                                                                                            | Coshocton          | 39031 | R                    | 7.66E-05                                                               | 7.87E-05 | 8.70E-05 | 1.56E-04 | 2.11E-04 | 2.38E-04 | 4.93E-04 | 7.34E-04 | 5.91E-05                         | 1.20E-04          | 3.14E-05         | 0.00E+00          | 0.00E+00                |
| Ohio                                                                                            | Crawford           | 39033 | U                    | 4.74E-04                                                               | 4.83E-04 | 5.88E-04 | 7.32E-04 | 1.17E-03 | 1.44E-03 | 2.63E-03 | 3.69E-03 | 1.04E-06                         | 1.14E-03          | 3.41E-05         | 1.18E-08          | 0.00E+00                |
| Ohio                                                                                            | Cuyahoga           | 39035 | U                    | 4.46E-03                                                               | 5.49E-03 | 7.15E-03 | 1.09E-02 | 1.79E-02 | 2.11E-02 | 3.94E-02 | 5.04E-02 | 1.60E-05                         | 1.39E-02          | 7.24E-05         | 3.95E-03          | 0.00E+00                |
| Ohio                                                                                            | Darke              | 39037 | R                    | 1.42E-04                                                               | 1.90E-04 | 2.12E-04 | 2.46E-04 | 2.83E-04 | 3.10E-04 | 3.52E-04 | 6.95E-04 | 2.41E-05                         | 1.81E-04          | 2.04E-05         | 5.79E-05          | 0.00E+00                |
| Ohio                                                                                            | Defiance           | 39039 | U                    | 5.40E-04                                                               | 5.40E-04 | 7.31E-04 | 7.73E-04 | 1.06E-03 | 1.29E-03 | 2.22E-03 | 2.22E-03 | 3.44E-04                         | 6.89E-04          | 2.69E-05         | 6.47E-10          | 0.00E+00                |
| Ohio                                                                                            | Delaware           | 39041 | U                    | 9.48E-04                                                               | 1.11E-03 | 1.24E-03 | 1.44E-03 | 1.58E-03 | 1.89E-03 | 2.08E-03 | 2.68E-03 | 1.33E-06                         | 7.79E-04          | 2.63E-05         | 7.72E-04          | 0.00E+00                |
| Ohio                                                                                            | Erie               | 39043 | U                    | 3.73E-04                                                               | 4.96E-04 | 8.30E-04 | 1.07E-03 | 1.36E-03 | 1.65E-03 | 2.04E-03 | 4.92E-03 | 1.33E-05                         | 1.14E-03          | 4.36E-05         | 1.69E-04          | 0.00E+00                |

| Estimated Annual Average Ambient Concentrations ( $\mu\text{g}/\text{m}^3$ ) for Lead Compounds |            |       |                      |                                                                        |          |          |          |          |          |          |          |                                  |                   |                  |                   |                         |
|-------------------------------------------------------------------------------------------------|------------|-------|----------------------|------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------------------------------|-------------------|------------------|-------------------|-------------------------|
| State                                                                                           | County     | FIPS  | Urban<br>or<br>Rural | Percentile Distribution of Ambient Concentrations Across Census Tracts |          |          |          |          |          |          |          | Contribution to Average from ... |                   |                  |                   |                         |
|                                                                                                 |            |       |                      | 5th                                                                    | 10th     | 25th     | Median   | Average  | 75th     | 90th     | 95th     | Major                            | Area and<br>Other | Onroad<br>Mobile | Nonroad<br>Mobile | Estimated<br>Background |
| Ohio                                                                                            | Fairfield  | 39045 | U                    | 7.38E-04                                                               | 9.33E-04 | 1.37E-03 | 2.56E-03 | 4.07E-03 | 4.28E-03 | 8.54E-03 | 1.59E-02 | 3.09E-06                         | 3.66E-03          | 2.12E-05         | 3.95E-04          | 0.00E+00                |
| Ohio                                                                                            | Fayette    | 39047 | R                    | 5.51E-04                                                               | 5.51E-04 | 5.97E-04 | 7.82E-04 | 7.29E-04 | 7.96E-04 | 8.15E-04 | 8.15E-04 | 7.23E-05                         | 3.18E-04          | 2.99E-05         | 3.09E-04          | 0.00E+00                |
| Ohio                                                                                            | Franklin   | 39049 | U                    | 3.23E-03                                                               | 3.90E-03 | 5.51E-03 | 7.10E-03 | 8.68E-03 | 1.03E-02 | 1.43E-02 | 1.63E-02 | 5.94E-06                         | 5.12E-03          | 6.28E-05         | 3.49E-03          | 0.00E+00                |
| Ohio                                                                                            | Fulton     | 39051 | U                    | 6.24E-04                                                               | 6.24E-04 | 7.63E-04 | 8.30E-04 | 1.73E-03 | 2.60E-03 | 4.32E-03 | 4.32E-03 | 8.95E-05                         | 1.53E-03          | 1.28E-05         | 1.00E-04          | 0.00E+00                |
| Ohio                                                                                            | Gallia     | 39053 | R                    | 6.15E-05                                                               | 6.15E-05 | 7.06E-05 | 1.27E-04 | 1.50E-04 | 2.31E-04 | 2.74E-04 | 2.74E-04 | 4.37E-06                         | 1.23E-04          | 1.77E-05         | 4.02E-06          | 0.00E+00                |
| Ohio                                                                                            | Geauga     | 39055 | U                    | 4.27E-04                                                               | 4.53E-04 | 5.59E-04 | 8.72E-04 | 1.31E-03 | 2.00E-03 | 2.69E-03 | 3.43E-03 | 7.91E-06                         | 1.12E-03          | 1.88E-05         | 1.56E-04          | 0.00E+00                |
| Ohio                                                                                            | Greene     | 39057 | U                    | 5.20E-04                                                               | 5.26E-04 | 5.61E-04 | 7.02E-04 | 7.68E-04 | 9.44E-04 | 1.06E-03 | 1.16E-03 | 3.61E-05                         | 3.46E-04          | 3.15E-05         | 3.54E-04          | 0.00E+00                |
| Ohio                                                                                            | Guernsey   | 39059 | R                    | 2.19E-04                                                               | 2.22E-04 | 3.49E-04 | 4.24E-04 | 4.43E-04 | 5.66E-04 | 6.25E-04 | 6.31E-04 | 1.06E-05                         | 4.02E-04          | 3.00E-05         | 0.00E+00          | 0.00E+00                |
| Ohio                                                                                            | Hamilton   | 39061 | U                    | 2.36E-03                                                               | 2.67E-03 | 3.33E-03 | 4.71E-03 | 6.95E-03 | 7.41E-03 | 1.14E-02 | 1.49E-02 | 9.54E-05                         | 3.97E-03          | 8.77E-05         | 2.80E-03          | 0.00E+00                |
| Ohio                                                                                            | Hancock    | 39063 | U                    | 3.50E-04                                                               | 5.19E-04 | 6.05E-04 | 1.53E-03 | 1.49E-03 | 1.68E-03 | 3.30E-03 | 3.78E-03 | 1.99E-06                         | 1.44E-03          | 4.32E-05         | 1.02E-09          | 0.00E+00                |
| Ohio                                                                                            | Hardin     | 39065 | R                    | 1.38E-04                                                               | 1.38E-04 | 3.81E-04 | 4.38E-04 | 5.22E-04 | 6.45E-04 | 1.14E-03 | 1.14E-03 | 3.94E-06                         | 5.00E-04          | 1.82E-05         | 0.00E+00          | 0.00E+00                |
| Ohio                                                                                            | Harrison   | 39067 | R                    | 1.20E-04                                                               | 1.20E-04 | 1.23E-04 | 1.60E-04 | 1.70E-04 | 2.02E-04 | 2.47E-04 | 2.47E-04 | 1.63E-05                         | 1.46E-04          | 8.28E-06         | 0.00E+00          | 0.00E+00                |
| Ohio                                                                                            | Henry      | 39069 | R                    | 2.62E-04                                                               | 2.62E-04 | 2.84E-04 | 3.62E-04 | 4.84E-04 | 8.24E-04 | 8.26E-04 | 8.26E-04 | 1.28E-04                         | 3.15E-04          | 1.85E-05         | 2.26E-05          | 0.00E+00                |
| Ohio                                                                                            | Highland   | 39071 | R                    | 1.61E-04                                                               | 1.61E-04 | 2.68E-04 | 3.97E-04 | 3.43E-04 | 4.10E-04 | 4.40E-04 | 4.40E-04 | 3.45E-05                         | 8.60E-05          | 2.03E-05         | 2.02E-04          | 0.00E+00                |
| Ohio                                                                                            | Hocking    | 39073 | R                    | 1.22E-04                                                               | 1.22E-04 | 1.74E-04 | 3.29E-04 | 2.79E-04 | 3.72E-04 | 3.78E-04 | 3.78E-04 | 6.31E-06                         | 2.54E-04          | 1.82E-05         | 0.00E+00          | 0.00E+00                |
| Ohio                                                                                            | Holmes     | 39075 | R                    | 2.12E-04                                                               | 2.12E-04 | 2.78E-04 | 3.51E-04 | 4.12E-04 | 4.67E-04 | 8.10E-04 | 8.10E-04 | 3.49E-05                         | 3.58E-04          | 1.66E-05         | 2.30E-06          | 0.00E+00                |
| Ohio                                                                                            | Huron      | 39077 | R                    | 3.08E-04                                                               | 3.87E-04 | 6.22E-04 | 9.02E-04 | 1.37E-03 | 1.45E-03 | 3.47E-03 | 3.98E-03 | 2.90E-06                         | 1.31E-03          | 3.04E-05         | 2.40E-05          | 0.00E+00                |
| Ohio                                                                                            | Jackson    | 39079 | R                    | 5.38E-05                                                               | 5.38E-05 | 9.10E-05 | 9.59E-05 | 1.09E-04 | 1.62E-04 | 1.65E-04 | 1.65E-04 | 1.06E-05                         | 7.06E-05          | 2.76E-05         | 0.00E+00          | 0.00E+00                |
| Ohio                                                                                            | Jefferson  | 39081 | R                    | 2.54E-04                                                               | 2.78E-04 | 7.04E-04 | 1.27E-03 | 1.19E-03 | 1.66E-03 | 1.77E-03 | 2.16E-03 | 7.24E-05                         | 8.66E-04          | 1.25E-05         | 2.41E-04          | 0.00E+00                |
| Ohio                                                                                            | Knox       | 39083 | R                    | 9.14E-05                                                               | 1.00E-04 | 1.30E-04 | 2.24E-04 | 2.40E-04 | 3.07E-04 | 3.21E-04 | 5.21E-04 | 2.00E-06                         | 1.83E-04          | 2.41E-05         | 3.03E-05          | 0.00E+00                |
| Ohio                                                                                            | Lake       | 39085 | U                    | 1.86E-03                                                               | 2.01E-03 | 2.30E-03 | 3.67E-03 | 3.64E-03 | 4.49E-03 | 5.08E-03 | 5.77E-03 | 1.59E-05                         | 3.30E-03          | 3.50E-05         | 2.92E-04          | 0.00E+00                |
| Ohio                                                                                            | Lawrence   | 39087 | U                    | 1.17E-04                                                               | 1.47E-04 | 2.31E-04 | 3.93E-04 | 6.31E-04 | 6.20E-04 | 1.87E-03 | 2.01E-03 | 2.56E-05                         | 5.54E-04          | 1.22E-05         | 3.96E-05          | 0.00E+00                |
| Ohio                                                                                            | Licking    | 39089 | U                    | 1.23E-04                                                               | 4.22E-04 | 4.78E-04 | 6.76E-04 | 8.31E-04 | 9.99E-04 | 1.43E-03 | 2.60E-03 | 2.59E-06                         | 4.26E-04          | 2.06E-05         | 3.81E-04          | 0.00E+00                |
| Ohio                                                                                            | Logan      | 39091 | R                    | 8.51E-05                                                               | 9.83E-05 | 9.91E-05 | 1.96E-04 | 3.45E-04 | 5.37E-04 | 5.93E-04 | 1.43E-03 | 2.78E-06                         | 3.21E-04          | 2.14E-05         | 0.00E+00          | 0.00E+00                |
| Ohio                                                                                            | Lorain     | 39093 | U                    | 2.27E-03                                                               | 2.95E-03 | 4.64E-03 | 5.99E-03 | 8.01E-03 | 8.57E-03 | 1.55E-02 | 2.44E-02 | 6.59E-06                         | 7.42E-03          | 2.98E-05         | 5.50E-04          | 0.00E+00                |
| Ohio                                                                                            | Lucas      | 39095 | U                    | 1.20E-03                                                               | 1.24E-03 | 1.46E-03 | 1.94E-03 | 2.12E-03 | 2.52E-03 | 3.39E-03 | 3.94E-03 | 6.15E-04                         | 1.29E-03          | 5.12E-05         | 1.68E-04          | 0.00E+00                |
| Ohio                                                                                            | Madison    | 39097 | U                    | 4.92E-04                                                               | 5.15E-04 | 7.95E-04 | 8.24E-04 | 9.57E-04 | 1.37E-03 | 1.43E-03 | 1.65E-03 | 7.13E-06                         | 6.73E-04          | 1.56E-05         | 2.61E-04          | 0.00E+00                |
| Ohio                                                                                            | Mahoning   | 39099 | U                    | 8.10E-04                                                               | 1.22E-03 | 1.62E-03 | 1.76E-03 | 2.17E-03 | 2.13E-03 | 2.75E-03 | 3.72E-03 | 9.65E-05                         | 2.03E-03          | 3.29E-05         | 1.09E-05          | 0.00E+00                |
| Ohio                                                                                            | Marion     | 39101 | U                    | 1.61E-04                                                               | 1.73E-04 | 2.35E-04 | 3.52E-04 | 3.64E-04 | 4.78E-04 | 5.54E-04 | 6.67E-04 | 5.43E-06                         | 3.07E-04          | 5.19E-05         | 4.40E-10          | 0.00E+00                |
| Ohio                                                                                            | Medina     | 39103 | U                    | 2.50E-03                                                               | 2.75E-03 | 3.40E-03 | 4.16E-03 | 5.03E-03 | 6.99E-03 | 7.97E-03 | 9.28E-03 | 2.13E-05                         | 3.86E-03          | 2.70E-05         | 1.12E-03          | 0.00E+00                |
| Ohio                                                                                            | Meigs      | 39105 | R                    | 6.98E-05                                                               | 6.98E-05 | 1.23E-04 | 1.34E-04 | 1.51E-04 | 1.55E-04 | 2.88E-04 | 2.88E-04 | 8.38E-06                         | 1.24E-04          | 1.55E-05         | 2.89E-06          | 0.00E+00                |
| Ohio                                                                                            | Mercer     | 39107 | R                    | 1.59E-04                                                               | 1.59E-04 | 2.63E-04 | 3.35E-04 | 4.33E-04 | 6.03E-04 | 7.98E-04 | 7.98E-04 | 2.17E-04                         | 1.99E-04          | 1.73E-05         | 0.00E+00          | 0.00E+00                |
| Ohio                                                                                            | Miami      | 39109 | U                    | 3.50E-04                                                               | 4.00E-04 | 5.54E-04 | 1.01E-03 | 1.05E-03 | 1.49E-03 | 1.82E-03 | 2.04E-03 | 3.23E-05                         | 7.00E-04          | 2.15E-05         | 2.97E-04          | 0.00E+00                |
| Ohio                                                                                            | Monroe     | 39111 | R                    | 2.26E-04                                                               | 2.26E-04 | 2.54E-04 | 3.01E-04 | 2.97E-04 | 3.40E-04 | 3.61E-04 | 3.61E-04 | 6.53E-06                         | 2.74E-04          | 8.45E-06         | 8.64E-06          | 0.00E+00                |
| Ohio                                                                                            | Montgomery | 39113 | U                    | 1.05E-03                                                               | 1.13E-03 | 1.30E-03 | 1.46E-03 | 1.55E-03 | 1.65E-03 | 1.95E-03 | 2.13E-03 | 1.48E-04                         | 1.02E-03          | 4.88E-05         | 3.33E-04          | 0.00E+00                |
| Ohio                                                                                            | Morgan     | 39115 | R                    | 2.54E-04                                                               | 2.54E-04 | 5.70E-04 | 6.27E-04 | 1.75E-03 | 1.10E-03 | 6.17E-03 | 6.17E-03 | 9.73E-06                         | 1.70E-03          | 1.06E-05         | 2.05E-05          | 0.00E+00                |
| Ohio                                                                                            | Morrow     | 39117 | R                    | 1.05E-04                                                               | 1.05E-04 | 1.28E-04 | 1.63E-04 | 2.28E-04 | 2.66E-04 | 5.43E-04 | 5.43E-04 | 1.18E-06                         | 1.46E-04          | 1.53E-05         | 6.58E-05          | 0.00E+00                |
| Ohio                                                                                            | Muskingum  | 39119 | R                    | 8.40E-05                                                               | 9.22E-05 | 2.84E-04 | 3.44E-04 | 3.43E-04 | 4.09E-04 | 5.84E-04 | 6.01E-04 | 1.34E-05                         | 2.90E-04          | 3.93E-05         | 0.00E+00          | 0.00E+00                |
| Ohio                                                                                            | Noble      | 39121 | R                    | 6.39E-04                                                               | 6.39E-04 | 6.39E-04 | 1.22E-03 | 3.80E-03 | 9.53E-03 | 9.53E-03 | 9.53E-03 | 1.15E-05                         | 3.72E-03          | 9.18E-06         | 5.28E-05          | 0.00E+00                |
| Ohio                                                                                            | Ottawa     | 39123 | R                    | 3.47E-04                                                               | 3.58E-04 | 3.99E-04 | 5.83E-04 | 6.25E-04 | 7.15E-04 | 9.33E-04 | 1.17E-03 | 1.08E-04                         | 1.81E-04          | 2.21E-05         | 3.14E-04          | 0.00E+00                |
| Ohio                                                                                            | Paulding   | 39125 | R                    | 4.83E-04                                                               | 4.83E-04 | 1.12E-03 | 1.41E-03 | 1.39E-03 | 1.86E-03 | 2.09E-03 | 2.09E-03 | 4.88E-04                         | 8.76E-04          | 1.05E-05         | 1.98E-05          | 0.00E+00                |
| Ohio                                                                                            | Perry      | 39127 | R                    | 1.23E-04                                                               | 1.23E-04 | 1.40E-04 | 2.10E-04 | 2.18E-04 | 2.82E-04 | 3.45E-04 | 3.45E-04 | 1.93E-06                         | 1.69E-04          | 1.87E-05         | 2.83E-05          | 0.00E+00                |
| Ohio                                                                                            | Pickaway   | 39129 | U                    | 1.59E-03                                                               | 2.22E-03 | 2.68E-03 | 4.48E-03 | 1.69E-02 | 2.45E-02 | 6.12E-02 | 6.35E-02 | 8.36E-05                         | 1.64E-02          | 1.73E-05         | 3.79E-04          | 0.00E+00                |
| Ohio                                                                                            | Pike       | 39131 | R                    | 1.28E-04                                                               | 1.28E-04 | 1.43E-04 | 1.78E-04 | 1.97E-04 | 2.39E-04 | 3.17E-04 | 3.17E-04 | 8.19E-05                         | 9.45E-05          | 2.08E-05         | 0.00E+00          | 0.00E+00                |
| Ohio                                                                                            | Portage    | 39133 | U                    | 5.71E-04                                                               | 6.00E-04 | 6.59E-04 | 8.72E-04 | 1.00E-03 | 1.41E-03 | 1.57E-03 | 1.64E-03 | 3.18E-05                         | 8.55E-04          | 2.78E-05         | 8.99E-05          | 0.00E+00                |
| Ohio                                                                                            | Preble     | 39135 | R                    | 1.94E-04                                                               | 2.38E-04 | 2.95E-04 | 4.38E-04 | 5.29E-04 | 5.00E-04 | 1.16E-03 | 1.70E-03 | 2.12E-05                         | 4.55E-04          | 1.84E-05         | 3.37E-05          | 0.00E+00                |
| Ohio                                                                                            | Putnam     | 39137 | R                    | 3.76E-04                                                               | 3.76E-04 | 4.85E-04 | 5.81E-04 | 6.42E-04 | 7.89E-04 | 9.32E-04 | 9.32E-04 | 3.05E-05                         | 6.00E-04          | 1.16E-05         | 3.04E-10          | 0.00E+00                |
| Ohio                                                                                            | Richland   | 39139 | U                    | 3.38E-04                                                               | 3.45E-04 | 5.22E-04 | 6.71E-04 | 6.75E-04 | 8.12E-04 | 9.61E-04 | 1.18E-03 | 7.28E-06                         | 6.52E-04          | 1.52E-05         | 1.78E-07          | 0.00E+00                |
| Ohio                                                                                            | Ross       | 39141 | R                    | 3.81E-04                                                               | 3.89E-04 | 4.83E-04 | 8.01E-04 | 7.84E-04 | 9.81E-04 | 1.22E-03 | 1.27E-03 | 2.03E-04                         | 5.35E-04          | 3.69E-05         | 8.99E-06          | 0.00E+00                |
| Ohio                                                                                            | Sandusky   | 39143 | R                    | 1.83E-04                                                               | 1.92E-04 | 2.36E-04 | 3.49E-04 | 4.04E-04 | 4.86E-04 | 7.64E-04 | 9.09E-04 | 4.55E-05                         | 2.82E-04          | 3.75E-05         | 3.88E-05          | 0.00E+00                |

| Estimated Annual Average Ambient Concentrations ( $\mu\text{g}/\text{m}^3$ ) for Lead Compounds |                    |       |                      |                                                                        |          |          |          |          |          |          |          |                                  |                   |                  |                   |                         |
|-------------------------------------------------------------------------------------------------|--------------------|-------|----------------------|------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------------------------------|-------------------|------------------|-------------------|-------------------------|
| State                                                                                           | County             | FIPS  | Urban<br>or<br>Rural | Percentile Distribution of Ambient Concentrations Across Census Tracts |          |          |          |          |          |          |          | Contribution to Average from ... |                   |                  |                   |                         |
|                                                                                                 |                    |       |                      | 5th                                                                    | 10th     | 25th     | Median   | Average  | 75th     | 90th     | 95th     | Major                            | Area and<br>Other | Onroad<br>Mobile | Nonroad<br>Mobile | Estimated<br>Background |
| Ohio                                                                                            | Scioto             | 39145 | R                    | 1.11E-04                                                               | 1.22E-04 | 1.47E-04 | 2.17E-04 | 2.30E-04 | 3.20E-04 | 3.70E-04 | 4.04E-04 | 5.24E-05                         | 1.39E-04          | 3.82E-05         | 5.57E-07          | 0.00E+00                |
| Ohio                                                                                            | Seneca             | 39147 | R                    | 1.59E-04                                                               | 2.39E-04 | 3.48E-04 | 4.30E-04 | 5.07E-04 | 7.35E-04 | 9.63E-04 | 9.82E-04 | 1.07E-06                         | 4.68E-04          | 3.46E-05         | 2.74E-06          | 0.00E+00                |
| Ohio                                                                                            | Shelby             | 39149 | R                    | 1.58E-04                                                               | 1.75E-04 | 2.01E-04 | 2.49E-04 | 2.97E-04 | 3.47E-04 | 4.89E-04 | 5.30E-04 | 2.70E-05                         | 1.89E-04          | 2.46E-05         | 5.62E-05          | 0.00E+00                |
| Ohio                                                                                            | Stark              | 39151 | U                    | 6.62E-04                                                               | 7.34E-04 | 8.35E-04 | 1.08E-03 | 1.30E-03 | 1.44E-03 | 2.25E-03 | 2.66E-03 | 3.95E-04                         | 7.85E-04          | 2.96E-05         | 9.25E-05          | 0.00E+00                |
| Ohio                                                                                            | Summit             | 39153 | U                    | 1.11E-03                                                               | 1.35E-03 | 1.50E-03 | 1.65E-03 | 1.69E-03 | 1.85E-03 | 2.09E-03 | 2.39E-03 | 7.22E-05                         | 1.33E-03          | 5.25E-05         | 2.33E-04          | 0.00E+00                |
| Ohio                                                                                            | Trumbull           | 39155 | U                    | 5.75E-04                                                               | 6.78E-04 | 1.07E-03 | 1.81E-03 | 2.19E-03 | 2.76E-03 | 3.99E-03 | 5.55E-03 | 3.10E-05                         | 2.09E-03          | 2.14E-05         | 4.00E-05          | 0.00E+00                |
| Ohio                                                                                            | Tuscarawas         | 39157 | R                    | 1.31E-04                                                               | 1.73E-04 | 2.49E-04 | 3.43E-04 | 4.22E-04 | 5.93E-04 | 7.35E-04 | 9.01E-04 | 6.14E-05                         | 3.16E-04          | 3.09E-05         | 1.41E-05          | 0.00E+00                |
| Ohio                                                                                            | Union              | 39159 | R                    | 1.08E-04                                                               | 1.08E-04 | 1.55E-04 | 8.97E-04 | 6.72E-04 | 1.07E-03 | 1.19E-03 | 1.19E-03 | 1.22E-06                         | 4.31E-04          | 1.57E-05         | 2.25E-04          | 0.00E+00                |
| Ohio                                                                                            | Van Wert           | 39161 | R                    | 4.04E-04                                                               | 4.04E-04 | 5.10E-04 | 7.34E-04 | 9.99E-04 | 8.47E-04 | 3.39E-03 | 3.39E-03 | 6.76E-05                         | 8.96E-04          | 2.61E-05         | 9.75E-06          | 0.00E+00                |
| Ohio                                                                                            | Vinton             | 39163 | R                    | 3.20E-05                                                               | 3.20E-05 | 3.20E-05 | 7.06E-05 | 1.02E-04 | 2.05E-04 | 2.05E-04 | 2.05E-04 | 1.40E-05                         | 7.79E-05          | 1.06E-05         | 0.00E+00          | 0.00E+00                |
| Ohio                                                                                            | Warren             | 39165 | U                    | 7.68E-04                                                               | 8.44E-04 | 1.06E-03 | 1.24E-03 | 1.31E-03 | 1.56E-03 | 1.72E-03 | 1.76E-03 | 5.31E-05                         | 9.09E-04          | 3.82E-05         | 3.05E-04          | 0.00E+00                |
| Ohio                                                                                            | Washington         | 39167 | R                    | 6.68E-04                                                               | 8.52E-04 | 1.62E-03 | 3.08E-03 | 3.78E-03 | 4.95E-03 | 6.83E-03 | 1.53E-02 | 3.14E-05                         | 3.34E-03          | 7.83E-06         | 3.97E-04          | 0.00E+00                |
| Ohio                                                                                            | Wayne              | 39169 | R                    | 4.71E-04                                                               | 4.94E-04 | 6.97E-04 | 1.09E-03 | 1.42E-03 | 1.44E-03 | 2.49E-03 | 4.65E-03 | 3.84E-05                         | 1.30E-03          | 3.69E-05         | 5.16E-05          | 0.00E+00                |
| Ohio                                                                                            | Williams           | 39171 | R                    | 6.52E-04                                                               | 6.52E-04 | 1.03E-03 | 1.26E-03 | 1.93E-03 | 2.54E-03 | 4.93E-03 | 4.93E-03 | 2.39E-04                         | 1.67E-03          | 2.08E-05         | 9.82E-10          | 0.00E+00                |
| Ohio                                                                                            | Wood               | 39173 | U                    | 3.07E-04                                                               | 3.12E-04 | 4.22E-04 | 1.00E-03 | 1.40E-03 | 1.73E-03 | 3.21E-03 | 3.78E-03 | 1.34E-04                         | 1.17E-03          | 2.41E-05         | 7.19E-05          | 0.00E+00                |
| Ohio                                                                                            | Wyandot            | 39175 | R                    | 6.83E-04                                                               | 6.83E-04 | 7.17E-04 | 2.47E-03 | 7.16E-03 | 1.83E-02 | 1.83E-02 | 1.83E-02 | 3.78E-07                         | 7.14E-03          | 1.52E-05         | 0.00E+00          | 0.00E+00                |
| Oklahoma                                                                                        | Statewide          | N/A   | N/A                  | 7.83E-06                                                               | 1.45E-05 | 6.73E-05 | 3.25E-04 | 9.53E-04 | 9.42E-04 | 2.75E-03 | 4.05E-03 | 1.13E-04                         | 2.46E-04          | 2.59E-05         | 5.68E-04          | 0.00E+00                |
| Oklahoma                                                                                        | All Urban Counties | N/A   | U                    | 3.57E-05                                                               | 6.12E-05 | 1.98E-04 | 5.28E-04 | 1.22E-03 | 1.17E-03 | 3.27E-03 | 4.51E-03 | 1.00E-04                         | 2.82E-04          | 3.33E-05         | 8.02E-04          | 0.00E+00                |
| Oklahoma                                                                                        | All Rural Counties | N/A   | R                    | 3.63E-06                                                               | 6.30E-06 | 1.21E-05 | 3.95E-05 | 3.21E-04 | 1.57E-04 | 5.63E-04 | 2.45E-03 | 1.45E-04                         | 1.60E-04          | 8.03E-06         | 9.21E-06          | 0.00E+00                |
| Oklahoma                                                                                        | Adair              | 40001 | R                    | 2.93E-05                                                               | 2.93E-05 | 1.03E-04 | 1.39E-04 | 1.97E-04 | 1.58E-04 | 5.58E-04 | 5.58E-04 | 8.41E-05                         | 4.20E-05          | 8.69E-06         | 6.26E-05          | 0.00E+00                |
| Oklahoma                                                                                        | Alfalfa            | 40003 | R                    | 3.60E-06                                                               | 3.60E-06 | 4.39E-06 | 5.21E-06 | 6.78E-06 | 9.18E-06 | 1.31E-05 | 1.31E-05 | 0.00E+00                         | 4.31E-06          | 1.18E-06         | 1.29E-06          | 0.00E+00                |
| Oklahoma                                                                                        | Atoka              | 40005 | R                    | 5.50E-06                                                               | 5.50E-06 | 5.91E-06 | 6.79E-06 | 8.00E-06 | 1.01E-05 | 1.29E-05 | 1.29E-05 | 0.00E+00                         | 5.14E-06          | 2.86E-06         | 0.00E+00          | 0.00E+00                |
| Oklahoma                                                                                        | Beaver             | 40007 | R                    | 1.44E-06                                                               | 1.44E-06 | 1.44E-06 | 1.03E-05 | 1.63E-05 | 3.71E-05 | 3.71E-05 | 3.71E-05 | 0.00E+00                         | 1.12E-05          | 1.05E-06         | 4.04E-06          | 0.00E+00                |
| Oklahoma                                                                                        | Beckham            | 40009 | U                    | 7.80E-06                                                               | 7.80E-06 | 1.06E-05 | 1.45E-05 | 1.82E-05 | 2.90E-05 | 2.93E-05 | 2.93E-05 | 0.00E+00                         | 1.43E-05          | 3.98E-06         | 0.00E+00          | 0.00E+00                |
| Oklahoma                                                                                        | Blaine             | 40011 | R                    | 4.25E-06                                                               | 4.25E-06 | 4.64E-06 | 4.66E-06 | 5.73E-06 | 7.54E-06 | 7.57E-06 | 7.57E-06 | 0.00E+00                         | 3.55E-06          | 2.07E-06         | 1.16E-07          | 0.00E+00                |
| Oklahoma                                                                                        | Bryan              | 40013 | R                    | 1.36E-05                                                               | 1.82E-05 | 2.07E-05 | 4.16E-05 | 6.41E-05 | 1.03E-04 | 1.35E-04 | 2.21E-04 | 0.00E+00                         | 4.90E-05          | 1.52E-05         | 0.00E+00          | 0.00E+00                |
| Oklahoma                                                                                        | Caddo              | 40015 | R                    | 6.78E-06                                                               | 6.78E-06 | 8.74E-06 | 1.81E-05 | 2.41E-05 | 3.01E-05 | 7.22E-05 | 7.22E-05 | 3.71E-08                         | 9.98E-06          | 4.12E-06         | 9.97E-06          | 0.00E+00                |
| Oklahoma                                                                                        | Canadian           | 40017 | U                    | 3.97E-05                                                               | 8.29E-05 | 1.44E-04 | 2.39E-04 | 2.39E-04 | 3.10E-04 | 3.98E-04 | 4.56E-04 | 1.24E-07                         | 1.22E-04          | 1.61E-05         | 1.00E-04          | 0.00E+00                |
| Oklahoma                                                                                        | Carter             | 40019 | U                    | 1.82E-05                                                               | 2.41E-05 | 2.93E-05 | 5.11E-05 | 1.06E-04 | 1.36E-04 | 3.07E-04 | 3.08E-04 | 2.06E-05                         | 6.85E-05          | 1.69E-05         | 0.00E+00          | 0.00E+00                |
| Oklahoma                                                                                        | Cherokee           | 40021 | R                    | 3.95E-05                                                               | 3.95E-05 | 4.86E-05 | 7.00E-05 | 8.96E-05 | 1.11E-04 | 2.19E-04 | 2.19E-04 | 1.58E-05                         | 5.26E-05          | 2.12E-05         | 0.00E+00          | 0.00E+00                |
| Oklahoma                                                                                        | Choctaw            | 40023 | R                    | 3.24E-05                                                               | 3.24E-05 | 7.88E-05 | 1.01E-04 | 8.44E-05 | 1.04E-04 | 1.05E-04 | 1.05E-04 | 3.88E-06                         | 6.97E-05          | 1.08E-05         | 0.00E+00          | 0.00E+00                |
| Oklahoma                                                                                        | Cimarron           | 40025 | R                    | 3.30E-07                                                               | 3.30E-07 | 3.30E-07 | 3.13E-06 | 3.72E-06 | 7.70E-06 | 7.70E-06 | 7.70E-06 | 0.00E+00                         | 3.06E-06          | 6.57E-07         | 0.00E+00          | 0.00E+00                |
| Oklahoma                                                                                        | Cleveland          | 40027 | U                    | 1.01E-04                                                               | 1.02E-04 | 2.06E-04 | 2.98E-04 | 3.29E-04 | 4.04E-04 | 5.91E-04 | 6.55E-04 | 4.06E-06                         | 1.89E-04          | 2.82E-05         | 1.08E-04          | 0.00E+00                |
| Oklahoma                                                                                        | Coal               | 40029 | R                    | 5.54E-06                                                               | 5.54E-06 | 5.54E-06 | 6.46E-06 | 6.46E-06 | 7.39E-06 | 7.39E-06 | 7.39E-06 | 0.00E+00                         | 4.02E-06          | 2.44E-06         | 0.00E+00          | 0.00E+00                |
| Oklahoma                                                                                        | Comanche           | 40031 | U                    | 6.58E-05                                                               | 1.47E-04 | 3.83E-04 | 7.67E-04 | 9.05E-04 | 1.06E-03 | 1.61E-03 | 2.14E-03 | 3.74E-07                         | 1.05E-04          | 1.41E-05         | 7.86E-04          | 0.00E+00                |
| Oklahoma                                                                                        | Cotton             | 40033 | R                    | 5.54E-05                                                               | 5.54E-05 | 5.54E-05 | 7.53E-05 | 1.28E-04 | 2.55E-04 | 2.55E-04 | 2.55E-04 | 1.02E-06                         | 9.16E-06          | 2.51E-06         | 1.16E-04          | 0.00E+00                |
| Oklahoma                                                                                        | Craig              | 40035 | R                    | 1.07E-04                                                               | 1.07E-04 | 1.80E-04 | 1.96E-04 | 2.49E-04 | 2.00E-04 | 5.63E-04 | 5.63E-04 | 1.83E-04                         | 5.86E-05          | 7.69E-06         | 0.00E+00          | 0.00E+00                |
| Oklahoma                                                                                        | Creek              | 40037 | U                    | 4.51E-05                                                               | 7.81E-05 | 8.96E-05 | 5.24E-04 | 5.55E-04 | 9.40E-04 | 1.21E-03 | 1.43E-03 | 1.26E-04                         | 1.38E-04          | 1.45E-05         | 2.76E-04          | 0.00E+00                |
| Oklahoma                                                                                        | Custer             | 40039 | U                    | 7.19E-06                                                               | 7.19E-06 | 8.53E-06 | 2.77E-05 | 3.85E-05 | 6.53E-05 | 9.73E-05 | 9.73E-05 | 0.00E+00                         | 3.34E-05          | 5.11E-06         | 0.00E+00          | 0.00E+00                |
| Oklahoma                                                                                        | Delaware           | 40041 | R                    | 2.77E-05                                                               | 2.77E-05 | 2.87E-05 | 5.51E-05 | 1.26E-04 | 2.35E-04 | 3.19E-04 | 3.19E-04 | 7.52E-05                         | 4.24E-05          | 8.81E-06         | 0.00E+00          | 0.00E+00                |
| Oklahoma                                                                                        | Dewey              | 40043 | R                    | 1.76E-06                                                               | 1.76E-06 | 1.76E-06 | 1.78E-06 | 1.85E-06 | 2.00E-06 | 2.00E-06 | 2.00E-06 | 0.00E+00                         | 1.20E-06          | 6.50E-07         | 0.00E+00          | 0.00E+00                |
| Oklahoma                                                                                        | Ellis              | 40045 | R                    | 1.62E-06                                                               | 1.62E-06 | 1.62E-06 | 2.70E-06 | 2.65E-06 | 3.63E-06 | 3.63E-06 | 3.63E-06 | 0.00E+00                         | 2.08E-06          | 5.70E-07         | 0.00E+00          | 0.00E+00                |
| Oklahoma                                                                                        | Garfield           | 40047 | U                    | 3.18E-05                                                               | 4.04E-05 | 8.37E-05 | 1.52E-04 | 1.49E-04 | 2.09E-04 | 2.51E-04 | 2.59E-04 | 0.00E+00                         | 8.02E-05          | 1.93E-05         | 4.93E-05          | 0.00E+00                |
| Oklahoma                                                                                        | Garvin             | 40049 | R                    | 2.48E-05                                                               | 2.48E-05 | 4.69E-05 | 5.92E-05 | 2.08E-04 | 3.21E-04 | 7.83E-04 | 7.83E-04 | 1.81E-04                         | 2.07E-05          | 5.80E-06         | 0.00E+00          | 0.00E+00                |
| Oklahoma                                                                                        | Grady              | 40051 | R                    | 1.21E-05                                                               | 1.21E-05 | 4.63E-05 | 7.54E-05 | 1.11E-04 | 1.37E-04 | 3.69E-04 | 3.69E-04 | 2.54E-08                         | 7.85E-05          | 2.03E-05         | 1.22E-05          | 0.00E+00                |
| Oklahoma                                                                                        | Grant              | 40053 | R                    | 3.84E-06                                                               | 3.84E-06 | 7.34E-06 | 1.33E-05 | 1.24E-05 | 1.76E-05 | 1.93E-05 | 1.93E-05 | 6.23E-07                         | 5.14E-06          | 1.49E-06         | 5.19E-06          | 0.00E+00                |
| Oklahoma                                                                                        | Greer              | 40055 | R                    | 1.15E-05                                                               | 1.15E-05 | 1.15E-05 | 1.16E-05 | 1.16E-05 | 1.17E-05 | 1.17E-05 | 1.17E-05 | 0.00E+00                         | 8.47E-06          | 3.14E-06         | 0.00E+00          | 0.00E+00                |
| Oklahoma                                                                                        | Harmon             | 40057 | R                    | 4.69E-06                                                               | 4.69E-06 | 4.69E-06 | 5.63E-06 | 5.63E-06 | 6.57E-06 | 6.57E-06 | 6.57E-06 | 0.00E+00                         | 3.65E-06          | 1.98E-06         | 0.00E+00          | 0.00E+00                |
| Oklahoma                                                                                        | Harper             | 40059 | R                    | 1.05E-06                                                               | 1.05E-06 | 1.05E-06 | 1.11E-06 | 1.11E-06 | 1.17E-06 | 1.17E-06 | 1.17E-06 | 0.00E+00                         | 7.58E-07          | 3.51E-07         | 0.00E+00          | 0.00E+00                |
| Oklahoma                                                                                        | Haskell            | 40061 | R                    | 1.01E-05                                                               | 1.01E-05 | 1.05E-05 | 1.18E-05 | 9.38E-05 | 1.77E-04 | 3.41E-04 | 3.41E-04 | 0.00E+00                         | 8.58E-05          | 3.39E-06         | 4.62E-06          | 0.00E+00                |

| Estimated Annual Average Ambient Concentrations ( $\mu\text{g}/\text{m}^3$ ) for Lead Compounds |                    |       |                      |                                                                        |          |          |          |          |          |          |          |                                  |                   |                  |                   |                         |
|-------------------------------------------------------------------------------------------------|--------------------|-------|----------------------|------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------------------------------|-------------------|------------------|-------------------|-------------------------|
| State                                                                                           | County             | FIPS  | Urban<br>or<br>Rural | Percentile Distribution of Ambient Concentrations Across Census Tracts |          |          |          |          |          |          |          | Contribution to Average from ... |                   |                  |                   |                         |
|                                                                                                 |                    |       |                      | 5th                                                                    | 10th     | 25th     | Median   | Average  | 75th     | 90th     | 95th     | Major                            | Area and<br>Other | Onroad<br>Mobile | Nonroad<br>Mobile | Estimated<br>Background |
| Oklahoma                                                                                        | Hughes             | 40063 | R                    | 1.29E-05                                                               | 1.29E-05 | 1.65E-05 | 1.78E-05 | 4.48E-05 | 8.61E-05 | 9.06E-05 | 9.06E-05 | 0.00E+00                         | 3.81E-05          | 6.64E-06         | 0.00E+00          | 0.00E+00                |
| Oklahoma                                                                                        | Jackson            | 40065 | U                    | 9.76E-06                                                               | 9.76E-06 | 2.65E-05 | 5.20E-05 | 5.95E-05 | 9.28E-05 | 1.24E-04 | 1.24E-04 | 0.00E+00                         | 4.14E-05          | 1.82E-05         | 0.00E+00          | 0.00E+00                |
| Oklahoma                                                                                        | Jefferson          | 40067 | R                    | 4.54E-06                                                               | 4.54E-06 | 4.54E-06 | 1.05E-05 | 1.09E-05 | 1.77E-05 | 1.77E-05 | 1.77E-05 | 1.85E-07                         | 6.07E-06          | 2.04E-06         | 2.62E-06          | 0.00E+00                |
| Oklahoma                                                                                        | Johnston           | 40069 | R                    | 9.64E-06                                                               | 9.64E-06 | 9.88E-06 | 9.89E-06 | 1.19E-05 | 1.34E-05 | 1.68E-05 | 1.68E-05 | 1.00E-06                         | 7.72E-06          | 3.21E-06         | 0.00E+00          | 0.00E+00                |
| Oklahoma                                                                                        | Kay                | 40071 | U                    | 3.76E-05                                                               | 4.36E-05 | 4.36E-05 | 2.80E-04 | 3.74E-04 | 1.74E-04 | 1.46E-04 | 1.46E-03 | 1.21E-04                         | 5.80E-05          | 1.43E-05         | 1.80E-04          | 0.00E+00                |
| Oklahoma                                                                                        | Kingfisher         | 40073 | R                    | 1.01E-05                                                               | 1.01E-05 | 1.12E-05 | 1.82E-05 | 3.32E-05 | 5.51E-05 | 8.62E-05 | 8.62E-05 | 0.00E+00                         | 1.62E-05          | 3.88E-06         | 1.31E-05          | 0.00E+00                |
| Oklahoma                                                                                        | Kiowa              | 40075 | R                    | 5.66E-06                                                               | 5.66E-06 | 6.71E-06 | 6.89E-06 | 7.30E-06 | 7.39E-06 | 9.84E-06 | 9.84E-06 | 2.29E-08                         | 5.48E-06          | 1.80E-06         | 0.00E+00          | 0.00E+00                |
| Oklahoma                                                                                        | Latimer            | 40077 | R                    | 7.49E-06                                                               | 7.49E-06 | 7.49E-06 | 8.52E-06 | 8.26E-06 | 8.76E-06 | 8.76E-06 | 8.76E-06 | 0.00E+00                         | 5.28E-06          | 2.97E-06         | 0.00E+00          | 0.00E+00                |
| Oklahoma                                                                                        | Le Flore           | 40079 | R                    | 9.66E-06                                                               | 1.39E-05 | 2.37E-04 | 1.01E-03 | 1.88E-03 | 3.15E-03 | 4.21E-03 | 6.51E-03 | 4.90E-04                         | 1.33E-03          | 6.51E-06         | 5.00E-05          | 0.00E+00                |
| Oklahoma                                                                                        | Lincoln            | 40081 | R                    | 1.07E-05                                                               | 1.07E-05 | 1.17E-05 | 2.01E-05 | 2.98E-05 | 5.03E-05 | 7.61E-05 | 7.61E-05 | 9.37E-06                         | 1.58E-05          | 4.51E-06         | 1.06E-07          | 0.00E+00                |
| Oklahoma                                                                                        | Logan              | 40083 | U                    | 7.29E-05                                                               | 7.29E-05 | 9.45E-05 | 1.28E-04 | 1.38E-04 | 1.72E-04 | 2.44E-04 | 2.44E-04 | 3.21E-05                         | 6.44E-05          | 1.20E-05         | 2.97E-05          | 0.00E+00                |
| Oklahoma                                                                                        | Love               | 40085 | R                    | 7.83E-06                                                               | 7.83E-06 | 7.83E-06 | 2.12E-05 | 1.69E-05 | 2.17E-05 | 2.17E-05 | 2.17E-05 | 4.15E-06                         | 8.10E-06          | 4.66E-06         | 0.00E+00          | 0.00E+00                |
| Oklahoma                                                                                        | McClain            | 40087 | U                    | 8.75E-05                                                               | 8.75E-05 | 9.51E-05 | 1.28E-04 | 1.25E-04 | 1.55E-04 | 1.56E-04 | 1.56E-04 | 3.18E-05                         | 3.85E-05          | 6.89E-06         | 4.79E-05          | 0.00E+00                |
| Oklahoma                                                                                        | McCurtain          | 40089 | R                    | 3.57E-05                                                               | 3.57E-05 | 1.29E-04 | 3.85E-04 | 3.69E-04 | 4.24E-04 | 1.04E-03 | 1.04E-03 | 3.09E-04                         | 5.48E-05          | 5.48E-06         | 0.00E+00          | 0.00E+00                |
| Oklahoma                                                                                        | McIntosh           | 40091 | R                    | 1.70E-05                                                               | 1.70E-05 | 1.86E-05 | 3.88E-05 | 3.92E-05 | 6.94E-05 | 6.97E-05 | 6.97E-05 | 5.81E-06                         | 2.54E-05          | 7.96E-06         | 0.00E+00          | 0.00E+00                |
| Oklahoma                                                                                        | Major              | 40093 | R                    | 3.09E-06                                                               | 3.09E-06 | 3.09E-06 | 9.48E-06 | 9.29E-06 | 1.53E-05 | 1.53E-05 | 1.53E-05 | 0.00E+00                         | 6.80E-06          | 1.40E-06         | 1.09E-06          | 0.00E+00                |
| Oklahoma                                                                                        | Marshall           | 40095 | R                    | 9.75E-06                                                               | 9.75E-06 | 1.46E-05 | 3.65E-05 | 4.05E-05 | 7.05E-05 | 7.09E-05 | 7.09E-05 | 6.30E-07                         | 3.20E-05          | 7.82E-06         | 0.00E+00          | 0.00E+00                |
| Oklahoma                                                                                        | Mayes              | 40097 | R                    | 3.27E-05                                                               | 3.27E-05 | 5.35E-05 | 1.08E-04 | 1.19E-04 | 1.83E-04 | 2.31E-04 | 2.31E-04 | 3.63E-05                         | 6.42E-05          | 1.87E-05         | 8.56E-10          | 0.00E+00                |
| Oklahoma                                                                                        | Murray             | 40099 | U                    | 5.82E-05                                                               | 5.82E-05 | 5.82E-05 | 7.06E-05 | 7.36E-05 | 9.20E-05 | 9.20E-05 | 9.20E-05 | 4.48E-05                         | 2.27E-05          | 6.07E-06         | 0.00E+00          | 0.00E+00                |
| Oklahoma                                                                                        | Muskogee           | 40101 | U                    | 5.92E-05                                                               | 6.01E-05 | 8.44E-05 | 1.51E-04 | 1.55E-04 | 2.20E-04 | 2.62E-04 | 2.81E-04 | 2.72E-05                         | 7.61E-05          | 2.58E-05         | 2.61E-05          | 0.00E+00                |
| Oklahoma                                                                                        | Noble              | 40103 | R                    | 2.87E-05                                                               | 2.87E-05 | 1.98E-04 | 2.04E-04 | 1.86E-04 | 2.17E-04 | 2.83E-04 | 2.83E-04 | 1.53E-04                         | 2.16E-05          | 4.88E-06         | 6.53E-06          | 0.00E+00                |
| Oklahoma                                                                                        | Nowata             | 40105 | R                    | 1.09E-04                                                               | 1.09E-04 | 1.36E-04 | 1.41E-04 | 1.64E-04 | 1.82E-04 | 2.50E-04 | 2.50E-04 | 2.27E-05                         | 1.36E-04          | 4.56E-06         | 9.93E-10          | 0.00E+00                |
| Oklahoma                                                                                        | Okfuskee           | 40107 | R                    | 1.82E-05                                                               | 1.82E-05 | 2.77E-05 | 4.50E-05 | 4.02E-05 | 4.85E-05 | 6.17E-05 | 6.17E-05 | 0.00E+00                         | 3.58E-05          | 4.47E-06         | 0.00E+00          | 0.00E+00                |
| Oklahoma                                                                                        | Oklahoma           | 40109 | U                    | 1.98E-04                                                               | 2.89E-04 | 4.27E-04 | 5.96E-04 | 7.09E-04 | 8.62E-04 | 1.16E-03 | 1.38E-03 | 1.29E-06                         | 3.99E-04          | 4.25E-05         | 2.67E-04          | 0.00E+00                |
| Oklahoma                                                                                        | Okmulgee           | 40111 | U                    | 4.12E-05                                                               | 4.12E-05 | 7.43E-05 | 1.48E-04 | 1.77E-04 | 1.69E-04 | 6.22E-04 | 6.22E-04 | 3.88E-05                         | 6.80E-05          | 2.35E-05         | 4.65E-05          | 0.00E+00                |
| Oklahoma                                                                                        | Osage              | 40113 | U                    | 1.70E-05                                                               | 2.46E-05 | 3.36E-05 | 2.76E-04 | 9.27E-04 | 1.17E-03 | 3.24E-03 | 4.42E-03 | 2.91E-04                         | 1.06E-04          | 1.01E-05         | 5.20E-04          | 0.00E+00                |
| Oklahoma                                                                                        | Ottawa             | 40115 | R                    | 4.96E-04                                                               | 4.96E-04 | 1.26E-03 | 2.45E-03 | 2.57E-03 | 3.13E-03 | 6.71E-03 | 6.71E-03 | 2.23E-03                         | 3.09E-04          | 1.70E-05         | 1.32E-05          | 0.00E+00                |
| Oklahoma                                                                                        | Pawnee             | 40117 | R                    | 6.76E-05                                                               | 6.76E-05 | 7.45E-05 | 1.05E-04 | 1.73E-04 | 1.08E-04 | 5.10E-04 | 5.10E-04 | 6.68E-05                         | 2.64E-05          | 5.59E-06         | 7.43E-05          | 0.00E+00                |
| Oklahoma                                                                                        | Payne              | 40119 | U                    | 1.09E-04                                                               | 1.16E-04 | 2.95E-04 | 6.48E-04 | 1.09E-03 | 1.28E-03 | 2.19E-03 | 5.33E-03 | 9.72E-04                         | 7.80E-05          | 2.78E-05         | 1.54E-05          | 0.00E+00                |
| Oklahoma                                                                                        | Pittsburg          | 40121 | R                    | 8.72E-06                                                               | 1.41E-05 | 1.66E-05 | 3.03E-05 | 4.09E-05 | 7.16E-05 | 8.91E-05 | 9.30E-05 | 0.00E+00                         | 2.60E-05          | 1.50E-05         | 0.00E+00          | 0.00E+00                |
| Oklahoma                                                                                        | Pontotoc           | 40123 | R                    | 2.00E-05                                                               | 2.73E-05 | 3.52E-05 | 4.09E-05 | 1.29E-04 | 8.38E-05 | 3.52E-04 | 7.57E-04 | 6.34E-06                         | 1.05E-04          | 1.73E-05         | 0.00E+00          | 0.00E+00                |
| Oklahoma                                                                                        | Pottawatomie       | 40125 | U                    | 2.83E-05                                                               | 3.49E-05 | 4.12E-05 | 4.91E-05 | 7.73E-05 | 1.10E-04 | 1.37E-04 | 1.62E-04 | 5.20E-06                         | 6.28E-05          | 9.02E-06         | 3.00E-07          | 0.00E+00                |
| Oklahoma                                                                                        | Pushmataha         | 40127 | R                    | 6.25E-06                                                               | 6.25E-06 | 6.25E-06 | 1.06E-05 | 1.69E-05 | 3.39E-05 | 3.39E-05 | 3.39E-05 | 4.44E-06                         | 1.07E-05          | 1.81E-06         | 0.00E+00          | 0.00E+00                |
| Oklahoma                                                                                        | Roger Mills        | 40129 | R                    | 2.42E-06                                                               | 2.42E-06 | 2.42E-06 | 4.36E-06 | 4.98E-06 | 8.16E-06 | 8.16E-06 | 8.16E-06 | 0.00E+00                         | 3.59E-06          | 1.39E-06         | 0.00E+00          | 0.00E+00                |
| Oklahoma                                                                                        | Rogers             | 40131 | U                    | 4.85E-05                                                               | 5.46E-05 | 6.11E-05 | 2.12E-04 | 2.66E-04 | 5.02E-04 | 5.66E-04 | 6.17E-04 | 1.85E-05                         | 1.08E-04          | 1.40E-05         | 1.26E-04          | 0.00E+00                |
| Oklahoma                                                                                        | Seminole           | 40133 | R                    | 4.24E-05                                                               | 6.70E-05 | 8.75E-05 | 2.30E-04 | 4.94E-04 | 4.68E-04 | 5.94E-04 | 3.08E-03 | 0.00E+00                         | 4.87E-04          | 7.59E-06         | 0.00E+00          | 0.00E+00                |
| Oklahoma                                                                                        | Sequoyah           | 40135 | R                    | 1.54E-05                                                               | 2.85E-05 | 6.44E-04 | 1.20E-03 | 1.89E-03 | 3.60E-03 | 3.80E-03 | 4.86E-03 | 7.08E-04                         | 1.13E-03          | 4.39E-06         | 4.17E-05          | 0.00E+00                |
| Oklahoma                                                                                        | Stephens           | 40137 | U                    | 2.38E-05                                                               | 2.63E-05 | 5.86E-05 | 9.39E-05 | 1.33E-04 | 1.81E-04 | 2.55E-04 | 3.80E-04 | 7.24E-07                         | 8.82E-05          | 2.45E-05         | 1.98E-05          | 0.00E+00                |
| Oklahoma                                                                                        | Texas              | 40139 | R                    | 2.18E-06                                                               | 2.18E-06 | 1.25E-05 | 2.23E-05 | 7.03E-05 | 1.57E-04 | 1.57E-04 | 1.57E-04 | 0.00E+00                         | 5.80E-05          | 1.05E-05         | 1.79E-06          | 0.00E+00                |
| Oklahoma                                                                                        | Tillman            | 40141 | R                    | 5.12E-06                                                               | 5.12E-06 | 9.40E-06 | 1.27E-05 | 2.76E-05 | 1.39E-05 | 1.12E-04 | 1.12E-04 | 1.86E-06                         | 6.96E-06          | 3.35E-06         | 1.55E-05          | 0.00E+00                |
| Oklahoma                                                                                        | Tulsa              | 40143 | U                    | 9.45E-04                                                               | 1.13E-03 | 1.80E-03 | 2.76E-03 | 3.67E-03 | 4.08E-03 | 5.80E-03 | 9.38E-03 | 2.98E-04                         | 4.63E-04          | 5.19E-05         | 2.86E-03          | 0.00E+00                |
| Oklahoma                                                                                        | Wagoner            | 40145 | U                    | 4.59E-05                                                               | 1.25E-04 | 2.01E-04 | 3.71E-04 | 3.59E-04 | 4.82E-04 | 6.58E-04 | 6.63E-04 | 3.91E-05                         | 5.40E-05          | 1.22E-05         | 2.53E-04          | 0.00E+00                |
| Oklahoma                                                                                        | Washington         | 40147 | U                    | 3.96E-04                                                               | 4.16E-04 | 4.60E-04 | 5.36E-04 | 5.88E-04 | 5.81E-04 | 8.66E-04 | 1.15E-03 | 1.35E-05                         | 4.87E-04          | 2.66E-05         | 6.11E-05          | 0.00E+00                |
| Oklahoma                                                                                        | Washita            | 40149 | R                    | 6.30E-06                                                               | 6.30E-06 | 6.87E-06 | 8.00E-06 | 8.79E-06 | 1.13E-05 | 1.15E-05 | 1.15E-05 | 0.00E+00                         | 6.66E-06          | 2.13E-06         | 0.00E+00          | 0.00E+00                |
| Oklahoma                                                                                        | Woods              | 40151 | U                    | 1.93E-06                                                               | 1.93E-06 | 1.95E-06 | 4.64E-06 | 2.02E-05 | 4.62E-05 | 4.62E-05 | 4.62E-05 | 0.00E+00                         | 1.79E-05          | 2.26E-06         | 0.00E+00          | 0.00E+00                |
| Oklahoma                                                                                        | Woodward           | 40153 | U                    | 5.23E-06                                                               | 5.23E-06 | 3.03E-05 | 4.87E-05 | 4.87E-05 | 7.98E-05 | 7.98E-05 | 7.98E-05 | 0.00E+00                         | 3.92E-05          | 9.52E-06         | 0.00E+00          | 0.00E+00                |
| Oregon                                                                                          | Statewide          | N/A   | N/A                  | 1.42E-05                                                               | 3.84E-05 | 1.88E-04 | 8.54E-04 | 4.12E-03 | 3.78E-03 | 1.19E-02 | 1.62E-02 | 1.33E-04                         | 5.94E-04          | 3.21E-05         | 3.36E-03          | 0.00E+00                |
| Oregon                                                                                          | All Urban Counties | N/A   | U                    | 7.60E-05                                                               | 1.63E-04 | 4.97E-04 | 1.78E-03 | 5.33E-03 | 6.51E-03 | 1.34E-02 | 2.03E-02 | 1.70E-04                         | 7.39E-04          | 3.78E-05         | 4.38E-03          | 0.00E+00                |
| Oregon                                                                                          | All Rural Counties | N/A   | R                    | 7.58E-06                                                               | 1.28E-05 | 3.15E-05 | 8.17E-05 | 2.55E-04 | 2.48E-04 | 5.45E-04 | 1.27E-03 | 1.49E-05                         | 1.31E-04          | 1.38E-05         | 9.53E-05          | 0.00E+00                |
| Oregon                                                                                          | Baker              | 41001 | U                    | 3.58E-06                                                               | 3.58E-06 | 6.94E-06 | 5.66E-05 | 1.61E-04 | 1.42E-04 | 6.99E-04 | 6.99E-04 | 0.00E+00                         | 1.53E-04          | 8.14E-06         | 0.00E+00          | 0.00E+00                |

| Estimated Annual Average Ambient Concentrations (µg/m <sup>3</sup> ) for Lead Compounds |                    |       |                      |                                                                        |          |          |          |          |          |          |          |                                  |                   |                  |                   |                         |
|-----------------------------------------------------------------------------------------|--------------------|-------|----------------------|------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------------------------------|-------------------|------------------|-------------------|-------------------------|
| State                                                                                   | County             | FIPS  | Urban<br>or<br>Rural | Percentile Distribution of Ambient Concentrations Across Census Tracts |          |          |          |          |          |          |          | Contribution to Average from ... |                   |                  |                   |                         |
|                                                                                         |                    |       |                      | 5th                                                                    | 10th     | 25th     | Median   | Average  | 75th     | 90th     | 95th     | Major                            | Area and<br>Other | Onroad<br>Mobile | Nonroad<br>Mobile | Estimated<br>Background |
| Oregon                                                                                  | Benton             | 41003 | U                    | 9.97E-05                                                               | 1.22E-04 | 2.94E-04 | 4.27E-04 | 4.84E-04 | 7.13E-04 | 8.92E-04 | 9.37E-04 | 5.07E-05                         | 2.48E-04          | 4.19E-05         | 1.43E-04          | 0.00E+00                |
| Oregon                                                                                  | Clackamas          | 41005 | U                    | 1.46E-03                                                               | 1.90E-03 | 2.79E-03 | 3.82E-03 | 4.13E-03 | 5.37E-03 | 6.82E-03 | 8.32E-03 | 7.42E-05                         | 5.93E-04          | 3.58E-05         | 3.43E-03          | 0.00E+00                |
| Oregon                                                                                  | Clatsop            | 41007 | U                    | 7.50E-05                                                               | 8.49E-05 | 1.45E-04 | 2.64E-04 | 3.06E-04 | 3.45E-04 | 6.41E-04 | 1.08E-03 | 3.48E-05                         | 9.02E-05          | 1.37E-05         | 1.67E-04          | 0.00E+00                |
| Oregon                                                                                  | Columbia           | 41009 | U                    | 2.28E-04                                                               | 3.13E-04 | 5.84E-04 | 2.11E-03 | 1.81E-03 | 2.75E-03 | 2.78E-03 | 3.06E-03 | 1.06E-03                         | 1.22E-04          | 2.19E-05         | 6.08E-04          | 0.00E+00                |
| Oregon                                                                                  | Coos               | 41011 | U                    | 2.79E-05                                                               | 3.44E-05 | 7.60E-05 | 2.08E-04 | 5.12E-04 | 4.58E-04 | 9.73E-04 | 3.55E-03 | 2.12E-05                         | 7.02E-05          | 1.91E-05         | 4.01E-04          | 0.00E+00                |
| Oregon                                                                                  | Crook              | 41013 | R                    | 6.27E-05                                                               | 6.27E-05 | 1.48E-04 | 2.39E-04 | 2.10E-04 | 2.72E-04 | 2.98E-04 | 2.98E-04 | 0.00E+00                         | 1.34E-04          | 5.70E-06         | 6.99E-05          | 0.00E+00                |
| Oregon                                                                                  | Curry              | 41015 | R                    | 7.17E-06                                                               | 7.17E-06 | 1.54E-05 | 1.98E-05 | 2.03E-05 | 2.66E-05 | 3.25E-05 | 3.25E-05 | 2.13E-10                         | 1.40E-05          | 4.96E-06         | 1.29E-06          | 0.00E+00                |
| Oregon                                                                                  | Deschutes          | 41017 | R                    | 2.39E-05                                                               | 3.18E-05 | 7.53E-05 | 1.48E-04 | 4.91E-04 | 4.87E-04 | 1.64E-03 | 2.55E-03 | 0.00E+00                         | 1.22E-04          | 2.84E-05         | 3.41E-04          | 0.00E+00                |
| Oregon                                                                                  | Douglas            | 41019 | R                    | 7.17E-06                                                               | 7.58E-06 | 1.32E-05 | 7.06E-05 | 1.75E-04 | 2.70E-04 | 4.97E-04 | 5.44E-04 | 4.67E-05                         | 1.19E-04          | 7.31E-06         | 2.45E-06          | 0.00E+00                |
| Oregon                                                                                  | Gilliam            | 41021 | R                    | 1.28E-05                                                               | 1.28E-05 | 1.28E-05 | 1.28E-05 | 1.28E-05 | 1.28E-05 | 1.28E-05 | 1.28E-05 | 1.11E-06                         | 1.12E-05          | 4.81E-07         | 0.00E+00          | 0.00E+00                |
| Oregon                                                                                  | Grant              | 41023 | R                    | 4.21E-05                                                               | 4.21E-05 | 4.21E-05 | 4.29E-05 | 4.29E-05 | 4.37E-05 | 4.37E-05 | 4.37E-05 | 0.00E+00                         | 4.21E-05          | 8.14E-07         | 0.00E+00          | 0.00E+00                |
| Oregon                                                                                  | Harney             | 41025 | R                    | 4.38E-06                                                               | 4.38E-06 | 4.38E-06 | 1.40E-05 | 1.40E-05 | 2.36E-05 | 2.36E-05 | 2.36E-05 | 0.00E+00                         | 1.35E-05          | 5.08E-07         | 0.00E+00          | 0.00E+00                |
| Oregon                                                                                  | Hood River         | 41027 | R                    | 3.15E-05                                                               | 3.15E-05 | 6.01E-05 | 1.10E-04 | 1.17E-04 | 1.74E-04 | 2.15E-04 | 2.15E-04 | 0.00E+00                         | 1.01E-04          | 1.63E-05         | 8.08E-08          | 0.00E+00                |
| Oregon                                                                                  | Jackson            | 41029 | U                    | 6.32E-05                                                               | 1.06E-04 | 2.05E-04 | 5.11E-04 | 9.03E-04 | 8.79E-04 | 1.96E-03 | 2.84E-03 | 6.67E-09                         | 5.25E-04          | 7.64E-06         | 3.70E-04          | 0.00E+00                |
| Oregon                                                                                  | Jefferson          | 41031 | R                    | 1.33E-05                                                               | 1.33E-05 | 3.49E-05 | 1.90E-04 | 2.03E-04 | 3.71E-04 | 4.18E-04 | 4.18E-04 | 0.00E+00                         | 4.25E-05          | 7.02E-06         | 1.54E-04          | 0.00E+00                |
| Oregon                                                                                  | Josephine          | 41033 | R                    | 2.10E-05                                                               | 3.95E-05 | 6.16E-05 | 1.12E-04 | 1.76E-04 | 2.48E-04 | 2.96E-04 | 7.56E-04 | 2.93E-08                         | 1.42E-04          | 2.25E-05         | 1.15E-05          | 0.00E+00                |
| Oregon                                                                                  | Klamath            | 41035 | R                    | 3.76E-05                                                               | 7.26E-05 | 1.49E-04 | 5.82E-04 | 7.81E-04 | 1.19E-03 | 1.98E-03 | 2.19E-03 | 9.12E-06                         | 3.27E-04          | 2.04E-05         | 4.24E-04          | 0.00E+00                |
| Oregon                                                                                  | Lake               | 41037 | R                    | 3.35E-06                                                               | 3.35E-06 | 3.35E-06 | 5.62E-06 | 5.62E-06 | 7.88E-06 | 7.88E-06 | 7.88E-06 | 0.00E+00                         | 5.23E-06          | 3.84E-07         | 0.00E+00          | 0.00E+00                |
| Oregon                                                                                  | Lane               | 41039 | U                    | 7.41E-06                                                               | 1.40E-05 | 1.63E-04 | 5.74E-04 | 7.26E-04 | 9.57E-04 | 1.25E-03 | 2.00E-03 | 1.70E-04                         | 1.71E-04          | 7.91E-06         | 3.77E-04          | 0.00E+00                |
| Oregon                                                                                  | Lincoln            | 41041 | R                    | 1.58E-05                                                               | 2.01E-05 | 3.23E-05 | 4.31E-05 | 6.57E-05 | 8.17E-05 | 1.76E-04 | 1.76E-04 | 1.53E-05                         | 3.78E-05          | 1.26E-05         | 0.00E+00          | 0.00E+00                |
| Oregon                                                                                  | Linn               | 41043 | U                    | 3.33E-04                                                               | 4.04E-04 | 4.51E-04 | 5.69E-04 | 2.01E-03 | 8.11E-04 | 9.03E-04 | 2.91E-03 | 1.68E-04                         | 1.77E-03          | 2.37E-05         | 4.22E-05          | 0.00E+00                |
| Oregon                                                                                  | Malheur            | 41045 | R                    | 2.79E-06                                                               | 2.79E-06 | 1.33E-05 | 3.62E-05 | 1.38E-04 | 2.75E-04 | 4.54E-04 | 4.54E-04 | 2.80E-06                         | 1.23E-04          | 1.27E-05         | 0.00E+00          | 0.00E+00                |
| Oregon                                                                                  | Marion             | 41047 | U                    | 2.96E-04                                                               | 3.43E-04 | 4.56E-04 | 6.44E-04 | 8.35E-04 | 9.90E-04 | 1.76E-03 | 1.83E-03 | 1.28E-04                         | 6.65E-04          | 1.57E-05         | 2.67E-05          | 0.00E+00                |
| Oregon                                                                                  | Morrow             | 41049 | R                    | 1.17E-05                                                               | 1.17E-05 | 1.17E-05 | 1.33E-05 | 1.33E-05 | 1.49E-05 | 1.49E-05 | 1.49E-05 | 2.39E-06                         | 8.55E-06          | 2.34E-06         | 0.00E+00          | 0.00E+00                |
| Oregon                                                                                  | Multnomah          | 41051 | U                    | 3.42E-03                                                               | 4.07E-03 | 7.12E-03 | 1.10E-02 | 1.45E-02 | 1.60E-02 | 2.68E-02 | 3.97E-02 | 2.74E-04                         | 1.32E-03          | 7.45E-05         | 1.29E-02          | 0.00E+00                |
| Oregon                                                                                  | Polk               | 41053 | U                    | 9.03E-05                                                               | 9.03E-05 | 3.26E-04 | 3.98E-04 | 5.78E-04 | 6.46E-04 | 1.79E-03 | 1.79E-03 | 3.48E-05                         | 5.32E-04          | 1.02E-05         | 6.51E-07          | 0.00E+00                |
| Oregon                                                                                  | Sherman            | 41055 | R                    | 1.53E-05                                                               | 1.53E-05 | 1.53E-05 | 1.53E-05 | 1.53E-05 | 1.53E-05 | 1.53E-05 | 1.53E-05 | 0.00E+00                         | 1.36E-05          | 1.66E-06         | 0.00E+00          | 0.00E+00                |
| Oregon                                                                                  | Tillamook          | 41057 | R                    | 3.29E-05                                                               | 3.29E-05 | 3.88E-05 | 4.60E-05 | 5.79E-05 | 7.62E-05 | 1.09E-04 | 1.09E-04 | 0.00E+00                         | 4.95E-05          | 6.76E-06         | 1.72E-06          | 0.00E+00                |
| Oregon                                                                                  | Umatilla           | 41059 | U                    | 2.92E-05                                                               | 7.03E-05 | 1.13E-04 | 1.88E-04 | 3.21E-04 | 3.60E-04 | 5.37E-04 | 1.88E-03 | 6.04E-06                         | 1.93E-04          | 1.61E-05         | 1.06E-04          | 0.00E+00                |
| Oregon                                                                                  | Union              | 41061 | R                    | 3.13E-05                                                               | 3.13E-05 | 1.02E-04 | 2.51E-04 | 4.66E-04 | 3.26E-04 | 2.34E-03 | 2.34E-03 | 4.48E-05                         | 4.09E-04          | 1.24E-05         | 0.00E+00          | 0.00E+00                |
| Oregon                                                                                  | Wallowa            | 41063 | R                    | 2.33E-05                                                               | 2.33E-05 | 2.33E-05 | 3.17E-05 | 2.98E-05 | 3.44E-05 | 3.44E-05 | 3.44E-05 | 1.11E-07                         | 2.81E-05          | 1.62E-06         | 0.00E+00          | 0.00E+00                |
| Oregon                                                                                  | Wasco              | 41065 | R                    | 8.42E-06                                                               | 8.42E-06 | 3.19E-05 | 6.79E-05 | 6.66E-05 | 8.60E-05 | 1.53E-04 | 1.53E-04 | 0.00E+00                         | 4.53E-05          | 2.13E-05         | 0.00E+00          | 0.00E+00                |
| Oregon                                                                                  | Washington         | 41067 | U                    | 9.26E-04                                                               | 1.10E-03 | 1.58E-03 | 2.30E-03 | 2.25E-03 | 2.97E-03 | 3.41E-03 | 3.77E-03 | 1.24E-04                         | 6.39E-04          | 4.58E-05         | 1.44E-03          | 0.00E+00                |
| Oregon                                                                                  | Wheeler            | 41069 | R                    | 3.01E-07                                                               | 3.01E-07 | 3.01E-07 | 3.01E-07 | 3.01E-07 | 3.01E-07 | 3.01E-07 | 3.01E-07 | 0.00E+00                         | 9.36E-08          | 2.08E-07         | 0.00E+00          | 0.00E+00                |
| Oregon                                                                                  | Yamhill            | 41071 | U                    | 1.58E-04                                                               | 3.24E-04 | 7.76E-04 | 9.91E-04 | 1.10E-03 | 1.43E-03 | 1.96E-03 | 2.41E-03 | 6.94E-05                         | 8.10E-04          | 1.68E-05         | 2.02E-04          | 0.00E+00                |
| Pennsylvania                                                                            | Statewide          | N/A   | N/A                  | 1.88E-04                                                               | 3.72E-04 | 1.54E-03 | 3.81E-03 | 7.87E-03 | 8.08E-03 | 1.81E-02 | 3.17E-02 | 3.51E-04                         | 5.26E-03          | 5.69E-05         | 2.20E-03          | 0.00E+00                |
| Pennsylvania                                                                            | All Urban Counties | N/A   | U                    | 8.11E-04                                                               | 1.34E-03 | 2.69E-03 | 4.55E-03 | 9.08E-03 | 9.30E-03 | 2.10E-02 | 3.36E-02 | 2.96E-04                         | 5.99E-03          | 6.39E-05         | 2.73E-03          | 0.00E+00                |
| Pennsylvania                                                                            | All Rural Counties | N/A   | R                    | 8.17E-05                                                               | 1.04E-04 | 2.00E-04 | 4.72E-04 | 2.98E-03 | 1.45E-03 | 4.45E-03 | 1.19E-02 | 5.73E-04                         | 2.29E-03          | 2.88E-05         | 8.47E-05          | 0.00E+00                |
| Pennsylvania                                                                            | Adams              | 42001 | R                    | 1.71E-04                                                               | 1.76E-04 | 2.04E-04 | 2.99E-04 | 3.43E-04 | 5.40E-04 | 5.66E-04 | 6.28E-04 | 2.94E-05                         | 2.08E-04          | 1.26E-05         | 9.32E-05          | 0.00E+00                |
| Pennsylvania                                                                            | Allegheny          | 42003 | U                    | 2.98E-03                                                               | 3.15E-03 | 3.45E-03 | 4.27E-03 | 5.41E-03 | 5.31E-03 | 7.90E-03 | 1.14E-02 | 6.46E-04                         | 3.09E-03          | 5.31E-05         | 1.62E-03          | 0.00E+00                |
| Pennsylvania                                                                            | Armstrong          | 42005 | R                    | 8.46E-05                                                               | 3.03E-04 | 5.01E-04 | 6.52E-04 | 8.77E-04 | 1.34E-03 | 2.05E-03 | 2.36E-03 | 5.92E-04                         | 2.44E-04          | 3.29E-05         | 8.52E-06          | 0.00E+00                |
| Pennsylvania                                                                            | Beaver             | 42007 | U                    | 4.79E-03                                                               | 6.57E-03 | 8.44E-03 | 1.49E-02 | 2.53E-02 | 3.13E-02 | 6.11E-02 | 7.77E-02 | 2.80E-04                         | 2.33E-02          | 3.00E-05         | 1.75E-03          | 0.00E+00                |
| Pennsylvania                                                                            | Bedford            | 42009 | R                    | 7.49E-05                                                               | 8.46E-05 | 8.66E-05 | 9.92E-05 | 1.38E-04 | 1.84E-04 | 2.59E-04 | 2.81E-04 | 1.05E-05                         | 5.61E-05          | 1.28E-05         | 5.89E-05          | 0.00E+00                |
| Pennsylvania                                                                            | Berks              | 42011 | U                    | 1.71E-03                                                               | 2.12E-03 | 3.12E-03 | 5.33E-03 | 7.05E-03 | 8.27E-03 | 1.26E-02 | 1.56E-02 | 1.86E-05                         | 6.87E-03          | 2.94E-05         | 1.38E-04          | 0.00E+00                |
| Pennsylvania                                                                            | Blair              | 42013 | R                    | 3.69E-04                                                               | 5.53E-04 | 1.07E-03 | 2.01E-03 | 2.75E-03 | 3.28E-03 | 5.81E-03 | 8.23E-03 | 2.68E-04                         | 2.36E-03          | 1.74E-05         | 1.05E-04          | 0.00E+00                |
| Pennsylvania                                                                            | Bradford           | 42015 | R                    | 4.54E-05                                                               | 5.70E-05 | 7.62E-05 | 1.82E-04 | 2.11E-04 | 3.18E-04 | 4.18E-04 | 4.51E-04 | 1.55E-05                         | 1.60E-04          | 2.03E-05         | 1.50E-05          | 0.00E+00                |
| Pennsylvania                                                                            | Bucks              | 42017 | U                    | 1.60E-03                                                               | 1.79E-03 | 2.19E-03 | 3.83E-03 | 3.61E-03 | 4.66E-03 | 5.24E-03 | 5.83E-03 | 1.41E-04                         | 2.33E-03          | 6.70E-05         | 1.07E-03          | 0.00E+00                |
| Pennsylvania                                                                            | Butler             | 42019 | U                    | 7.11E-04                                                               | 1.10E-03 | 1.53E-03 | 2.56E-03 | 2.57E-03 | 3.32E-03 | 4.26E-03 | 5.05E-03 | 3.95E-04                         | 1.68E-03          | 5.78E-05         | 4.40E-04          | 0.00E+00                |
| Pennsylvania                                                                            | Cambria            | 42021 | R                    | 1.58E-04                                                               | 1.61E-04 | 2.11E-04 | 2.39E-04 | 2.76E-04 | 2.87E-04 | 3.52E-04 | 3.92E-04 | 3.46E-05                         | 1.43E-04          | 7.08E-06         | 9.19E-05          | 0.00E+00                |
| Pennsylvania                                                                            | Cameron            | 42023 | R                    | 1.98E-04                                                               | 1.98E-04 | 1.98E-04 | 2.76E-04 | 2.76E-04 | 3.53E-04 | 3.53E-04 | 3.53E-04 | 1.41E-04                         | 1.15E-04          | 1.04E-05         | 9.23E-06          | 0.00E+00                |



| Estimated Annual Average Ambient Concentrations (µg/m <sup>3</sup> ) for Lead Compounds |                |       |                      |                                                                        |          |          |          |          |          |          |          |                                  |                   |                  |                   |                         |
|-----------------------------------------------------------------------------------------|----------------|-------|----------------------|------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------------------------------|-------------------|------------------|-------------------|-------------------------|
| State                                                                                   | County         | FIPS  | Urban<br>or<br>Rural | Percentile Distribution of Ambient Concentrations Across Census Tracts |          |          |          |          |          |          |          | Contribution to Average from ... |                   |                  |                   |                         |
|                                                                                         |                |       |                      | 5th                                                                    | 10th     | 25th     | Median   | Average  | 75th     | 90th     | 95th     | Major                            | Area and<br>Other | Onroad<br>Mobile | Nonroad<br>Mobile | Estimated<br>Background |
| Pennsylvania                                                                            | Carbon         | 42025 | U                    | 2.79E-04                                                               | 3.13E-04 | 3.49E-04 | 6.40E-04 | 8.15E-04 | 9.29E-04 | 1.84E-03 | 2.68E-03 | 5.03E-05                         | 7.03E-04          | 1.81E-05         | 4.38E-05          | 0.00E+00                |
| Pennsylvania                                                                            | Centre         | 42027 | R                    | 1.77E-03                                                               | 1.91E-03 | 5.93E-03 | 1.17E-02 | 2.39E-02 | 2.26E-02 | 3.35E-02 | 4.26E-02 | 9.90E-03                         | 1.33E-02          | 1.39E-05         | 6.81E-04          | 0.00E+00                |
| Pennsylvania                                                                            | Chester        | 42029 | U                    | 1.80E-03                                                               | 2.04E-03 | 2.34E-03 | 3.19E-03 | 3.37E-03 | 4.12E-03 | 5.06E-03 | 5.45E-03 | 1.12E-04                         | 2.06E-03          | 4.01E-05         | 1.16E-03          | 0.00E+00                |
| Pennsylvania                                                                            | Clarion        | 42031 | R                    | 7.90E-05                                                               | 7.90E-05 | 8.38E-05 | 9.50E-05 | 1.31E-04 | 1.05E-04 | 2.76E-04 | 2.76E-04 | 3.45E-05                         | 5.44E-05          | 1.95E-05         | 2.28E-05          | 0.00E+00                |
| Pennsylvania                                                                            | Clearfield     | 42033 | R                    | 8.25E-05                                                               | 9.83E-05 | 1.71E-04 | 3.52E-04 | 4.32E-04 | 7.31E-04 | 9.38E-04 | 1.11E-03 | 8.58E-05                         | 2.92E-04          | 2.41E-05         | 3.01E-05          | 0.00E+00                |
| Pennsylvania                                                                            | Clinton        | 42035 | R                    | 8.95E-04                                                               | 8.95E-04 | 1.23E-03 | 1.54E-03 | 1.49E-03 | 1.80E-03 | 2.02E-03 | 2.02E-03 | 1.15E-03                         | 2.48E-04          | 2.81E-05         | 5.80E-05          | 0.00E+00                |
| Pennsylvania                                                                            | Columbia       | 42037 | U                    | 2.80E-04                                                               | 3.73E-04 | 5.21E-04 | 8.95E-04 | 1.07E-03 | 1.62E-03 | 1.82E-03 | 2.25E-03 | 5.22E-05                         | 9.96E-04          | 1.81E-05         | 9.16E-08          | 0.00E+00                |
| Pennsylvania                                                                            | Crawford       | 42039 | R                    | 1.23E-04                                                               | 1.40E-04 | 1.60E-04 | 1.98E-04 | 3.65E-04 | 3.96E-04 | 7.89E-04 | 1.39E-03 | 8.87E-06                         | 3.15E-04          | 2.22E-05         | 1.90E-05          | 0.00E+00                |
| Pennsylvania                                                                            | Cumberland     | 42041 | U                    | 2.63E-04                                                               | 3.68E-04 | 5.46E-04 | 1.26E-03 | 1.27E-03 | 1.74E-03 | 2.37E-03 | 2.70E-03 | 5.25E-05                         | 6.10E-04          | 3.12E-05         | 5.71E-04          | 0.00E+00                |
| Pennsylvania                                                                            | Dauphin        | 42043 | U                    | 6.58E-04                                                               | 8.94E-04 | 1.54E-03 | 2.20E-03 | 2.83E-03 | 3.08E-03 | 5.49E-03 | 7.14E-03 | 9.27E-05                         | 1.05E-03          | 3.64E-05         | 1.64E-03          | 0.00E+00                |
| Pennsylvania                                                                            | Delaware       | 42045 | U                    | 6.18E-03                                                               | 6.75E-03 | 8.66E-03 | 1.29E-02 | 1.56E-02 | 1.76E-02 | 2.81E-02 | 3.56E-02 | 2.64E-04                         | 4.10E-03          | 8.64E-05         | 1.11E-02          | 0.00E+00                |
| Pennsylvania                                                                            | Elk            | 42047 | U                    | 2.00E-04                                                               | 2.34E-04 | 2.93E-04 | 8.78E-04 | 2.72E-03 | 2.99E-03 | 9.53E-03 | 1.00E-02 | 1.07E-03                         | 1.61E-03          | 1.63E-05         | 2.59E-05          | 0.00E+00                |
| Pennsylvania                                                                            | Erie           | 42049 | U                    | 1.95E-04                                                               | 2.43E-04 | 5.16E-04 | 1.22E-03 | 1.80E-03 | 2.49E-03 | 4.22E-03 | 5.93E-03 | 5.99E-04                         | 1.00E-03          | 1.38E-05         | 1.87E-04          | 0.00E+00                |
| Pennsylvania                                                                            | Fayette        | 42051 | U                    | 4.17E-04                                                               | 8.99E-04 | 1.19E-03 | 1.47E-03 | 1.79E-03 | 2.28E-03 | 3.28E-03 | 3.42E-03 | 4.16E-04                         | 1.24E-03          | 1.74E-05         | 1.19E-04          | 0.00E+00                |
| Pennsylvania                                                                            | Forest         | 42053 | R                    | 3.58E-05                                                               | 3.58E-05 | 3.58E-05 | 1.42E-04 | 1.42E-04 | 2.47E-04 | 2.47E-04 | 2.47E-04 | 9.09E-05                         | 3.23E-05          | 5.11E-06         | 1.34E-05          | 0.00E+00                |
| Pennsylvania                                                                            | Franklin       | 42055 | R                    | 1.73E-04                                                               | 1.73E-04 | 3.43E-04 | 5.15E-04 | 5.44E-04 | 7.41E-04 | 8.46E-04 | 9.02E-04 | 3.42E-06                         | 3.54E-04          | 6.52E-05         | 1.22E-04          | 0.00E+00                |
| Pennsylvania                                                                            | Fulton         | 42057 | R                    | 6.14E-05                                                               | 6.14E-05 | 6.14E-05 | 8.81E-05 | 8.38E-05 | 1.02E-04 | 1.02E-04 | 1.02E-04 | 3.75E-06                         | 3.79E-05          | 1.09E-05         | 3.13E-05          | 0.00E+00                |
| Pennsylvania                                                                            | Greene         | 42059 | R                    | 4.43E-04                                                               | 4.43E-04 | 4.95E-04 | 6.67E-04 | 6.77E-04 | 8.52E-04 | 9.44E-04 | 9.44E-04 | 1.67E-04                         | 4.15E-04          | 2.41E-05         | 7.07E-05          | 0.00E+00                |
| Pennsylvania                                                                            | Huntingdon     | 42061 | R                    | 1.21E-04                                                               | 1.39E-04 | 1.54E-04 | 3.01E-04 | 4.12E-04 | 6.11E-04 | 8.21E-04 | 1.08E-03 | 1.46E-04                         | 1.83E-04          | 1.78E-05         | 6.61E-05          | 0.00E+00                |
| Pennsylvania                                                                            | Indiana        | 42063 | R                    | 8.17E-05                                                               | 8.39E-05 | 1.05E-04 | 3.40E-04 | 3.17E-04 | 4.83E-04 | 6.41E-04 | 6.72E-04 | 1.42E-04                         | 1.22E-04          | 2.83E-05         | 2.49E-05          | 0.00E+00                |
| Pennsylvania                                                                            | Jefferson      | 42065 | R                    | 4.53E-05                                                               | 7.46E-05 | 1.03E-04 | 1.74E-04 | 2.32E-04 | 3.30E-04 | 5.15E-04 | 5.40E-04 | 6.02E-06                         | 1.06E-04          | 3.35E-05         | 8.64E-05          | 0.00E+00                |
| Pennsylvania                                                                            | Juniata        | 42067 | R                    | 1.64E-04                                                               | 1.64E-04 | 2.00E-04 | 3.09E-04 | 4.55E-04 | 7.10E-04 | 1.04E-03 | 1.04E-03 | 2.25E-04                         | 2.09E-04          | 2.06E-05         | 0.00E+00          | 0.00E+00                |
| Pennsylvania                                                                            | Lackawanna     | 42069 | U                    | 1.08E-03                                                               | 1.39E-03 | 2.95E-03 | 4.12E-03 | 4.31E-03 | 5.37E-03 | 7.48E-03 | 8.35E-03 | 0.00E+00                         | 3.19E-03          | 2.61E-05         | 1.09E-03          | 0.00E+00                |
| Pennsylvania                                                                            | Lancaster      | 42071 | U                    | 3.07E-03                                                               | 3.49E-03 | 5.99E-03 | 1.31E-02 | 2.73E-02 | 4.47E-02 | 6.05E-02 | 6.31E-02 | 1.21E-04                         | 2.65E-02          | 2.15E-05         | 6.70E-04          | 0.00E+00                |
| Pennsylvania                                                                            | Lawrence       | 42073 | R                    | 3.85E-03                                                               | 3.94E-03 | 7.47E-03 | 1.46E-02 | 2.47E-02 | 3.22E-02 | 5.94E-02 | 8.13E-02 | 4.52E-04                         | 2.40E-02          | 6.04E-05         | 1.57E-04          | 0.00E+00                |
| Pennsylvania                                                                            | Lebanon        | 42075 | U                    | 1.35E-03                                                               | 1.38E-03 | 1.82E-03 | 2.07E-03 | 2.02E-03 | 2.22E-03 | 2.41E-03 | 2.77E-03 | 4.11E-05                         | 1.79E-03          | 2.58E-05         | 1.63E-04          | 0.00E+00                |
| Pennsylvania                                                                            | Lehigh         | 42077 | U                    | 1.38E-03                                                               | 2.44E-03 | 3.59E-03 | 3.94E-03 | 5.11E-03 | 4.90E-03 | 6.13E-03 | 7.36E-03 | 2.00E-04                         | 3.99E-03          | 4.36E-05         | 8.77E-04          | 0.00E+00                |
| Pennsylvania                                                                            | Luzerne        | 42079 | U                    | 6.02E-04                                                               | 7.76E-04 | 9.77E-04 | 1.48E-03 | 2.08E-03 | 2.00E-03 | 4.46E-03 | 6.55E-03 | 1.33E-06                         | 1.34E-03          | 2.11E-05         | 7.08E-04          | 0.00E+00                |
| Pennsylvania                                                                            | Lycoming       | 42081 | R                    | 5.96E-05                                                               | 6.02E-05 | 1.11E-04 | 1.75E-04 | 2.08E-04 | 2.88E-04 | 4.15E-04 | 4.60E-04 | 1.49E-05                         | 1.77E-04          | 1.37E-05         | 2.50E-06          | 0.00E+00                |
| Pennsylvania                                                                            | Mc Kean        | 42083 | R                    | 9.19E-05                                                               | 1.57E-04 | 1.90E-04 | 2.58E-04 | 2.73E-04 | 3.61E-04 | 4.62E-04 | 4.66E-04 | 1.17E-04                         | 8.17E-05          | 2.21E-05         | 5.24E-05          | 0.00E+00                |
| Pennsylvania                                                                            | Mercer         | 42085 | R                    | 5.79E-04                                                               | 1.17E-03 | 1.81E-03 | 3.55E-03 | 3.98E-03 | 5.20E-03 | 6.79E-03 | 1.04E-02 | 9.28E-05                         | 3.86E-03          | 1.59E-05         | 1.92E-05          | 0.00E+00                |
| Pennsylvania                                                                            | Mifflin        | 42087 | R                    | 2.73E-04                                                               | 7.46E-04 | 1.04E-03 | 1.48E-03 | 1.37E-03 | 1.60E-03 | 1.84E-03 | 2.42E-03 | 7.09E-04                         | 5.20E-04          | 3.82E-05         | 1.03E-04          | 0.00E+00                |
| Pennsylvania                                                                            | Monroe         | 42089 | R                    | 1.83E-04                                                               | 2.30E-04 | 2.92E-04 | 3.87E-04 | 4.02E-04 | 4.83E-04 | 5.77E-04 | 6.57E-04 | 3.85E-05                         | 3.01E-04          | 1.26E-05         | 5.00E-05          | 0.00E+00                |
| Pennsylvania                                                                            | Montgomery     | 42091 | U                    | 4.13E-03                                                               | 4.63E-03 | 5.47E-03 | 6.92E-03 | 6.99E-03 | 7.98E-03 | 9.60E-03 | 1.05E-02 | 9.53E-05                         | 5.03E-03          | 7.94E-05         | 1.78E-03          | 0.00E+00                |
| Pennsylvania                                                                            | Montour        | 42093 | R                    | 4.34E-04                                                               | 4.34E-04 | 5.25E-04 | 1.13E-03 | 1.09E-03 | 1.66E-03 | 1.67E-03 | 1.67E-03 | 8.24E-05                         | 9.50E-04          | 5.79E-05         | 1.92E-07          | 0.00E+00                |
| Pennsylvania                                                                            | Northampton    | 42095 | U                    | 6.47E-04                                                               | 8.02E-04 | 1.66E-03 | 2.34E-03 | 2.59E-03 | 2.84E-03 | 4.50E-03 | 5.70E-03 | 8.91E-04                         | 1.17E-03          | 3.56E-05         | 4.85E-04          | 0.00E+00                |
| Pennsylvania                                                                            | Northumberland | 42097 | R                    | 3.33E-04                                                               | 5.00E-04 | 1.31E-03 | 1.62E-03 | 1.85E-03 | 2.27E-03 | 3.32E-03 | 4.07E-03 | 9.84E-05                         | 1.66E-03          | 9.52E-05         | 1.38E-07          | 0.00E+00                |
| Pennsylvania                                                                            | Perry          | 42099 | U                    | 8.11E-05                                                               | 8.50E-05 | 2.71E-04 | 3.34E-04 | 3.80E-04 | 5.15E-04 | 7.23E-04 | 8.67E-04 | 4.54E-05                         | 1.11E-04          | 1.21E-05         | 2.12E-04          | 0.00E+00                |
| Pennsylvania                                                                            | Philadelphia   | 42101 | U                    | 8.55E-03                                                               | 9.12E-03 | 1.09E-02 | 1.68E-02 | 2.26E-02 | 2.84E-02 | 4.10E-02 | 5.56E-02 | 1.94E-04                         | 1.39E-02          | 1.75E-04         | 8.37E-03          | 0.00E+00                |
| Pennsylvania                                                                            | Pike           | 42103 | U                    | 9.46E-05                                                               | 9.46E-05 | 1.24E-04 | 2.99E-04 | 2.55E-04 | 3.46E-04 | 4.93E-04 | 4.93E-04 | 2.55E-07                         | 2.06E-04          | 1.81E-05         | 3.08E-05          | 0.00E+00                |
| Pennsylvania                                                                            | Potter         | 42105 | R                    | 2.77E-05                                                               | 2.77E-05 | 3.55E-05 | 1.10E-04 | 1.50E-04 | 1.16E-04 | 4.62E-04 | 4.62E-04 | 7.19E-06                         | 1.33E-04          | 5.52E-06         | 4.76E-06          | 0.00E+00                |
| Pennsylvania                                                                            | Schuylkill     | 42107 | R                    | 4.69E-04                                                               | 5.45E-04 | 8.76E-04 | 9.96E-04 | 1.19E-03 | 1.30E-03 | 2.01E-03 | 2.83E-03 | 1.11E-05                         | 1.10E-03          | 6.33E-05         | 1.44E-05          | 0.00E+00                |
| Pennsylvania                                                                            | Snyder         | 42109 | R                    | 4.37E-04                                                               | 4.37E-04 | 5.40E-04 | 7.54E-04 | 7.98E-04 | 1.03E-03 | 1.17E-03 | 1.17E-03 | 1.50E-04                         | 5.96E-04          | 4.47E-05         | 7.20E-06          | 0.00E+00                |
| Pennsylvania                                                                            | Somerset       | 42111 | R                    | 6.21E-05                                                               | 6.29E-05 | 7.24E-05 | 1.00E-04 | 1.33E-04 | 1.45E-04 | 1.58E-04 | 2.35E-04 | 6.76E-06                         | 8.70E-05          | 3.46E-06         | 3.60E-05          | 0.00E+00                |
| Pennsylvania                                                                            | Sullivan       | 42113 | R                    | 2.77E-05                                                               | 2.77E-05 | 2.77E-05 | 2.97E-05 | 2.97E-05 | 3.16E-05 | 3.16E-05 | 3.16E-05 | 0.00E+00                         | 2.43E-05          | 5.38E-06         | 1.64E-08          | 0.00E+00                |
| Pennsylvania                                                                            | Susquehanna    | 42115 | R                    | 8.50E-05                                                               | 8.92E-05 | 1.09E-04 | 1.22E-04 | 1.69E-04 | 1.60E-04 | 3.65E-04 | 5.29E-04 | 1.79E-06                         | 1.09E-04          | 1.43E-05         | 4.40E-05          | 0.00E+00                |
| Pennsylvania                                                                            | Tioga          | 42117 | R                    | 5.81E-05                                                               | 1.40E-04 | 4.71E-04 | 6.87E-04 | 9.14E-04 | 1.39E-03 | 1.91E-03 | 2.38E-03 | 1.06E-04                         | 7.83E-04          | 1.37E-05         | 1.10E-05          | 0.00E+00                |
| Pennsylvania                                                                            | Union          | 42119 | R                    | 3.25E-04                                                               | 3.25E-04 | 9.46E-04 | 1.45E-03 | 1.22E-03 | 1.58E-03 | 1.63E-03 | 1.63E-03 | 8.63E-05                         | 1.08E-03          | 5.73E-05         | 2.56E-07          | 0.00E+00                |
| Pennsylvania                                                                            | Venango        | 42121 | R                    | 8.87E-05                                                               | 1.09E-04 | 1.73E-04 | 3.66E-04 | 4.60E-04 | 5.86E-04 | 9.86E-04 | 1.76E-03 | 8.84E-06                         | 1.60E-04          | 3.78E-05         | 2.54E-04          | 0.00E+00                |
| Pennsylvania                                                                            | Warren         | 42123 | R                    | 7.64E-05                                                               | 1.38E-04 | 2.52E-04 | 3.54E-04 | 6.75E-04 | 6.18E-04 | 1.23E-03 | 3.92E-03 | 4.73E-04                         | 1.59E-04          | 1.83E-05         | 2.54E-05          | 0.00E+00                |

| Estimated Annual Average Ambient Concentrations ( $\mu\text{g}/\text{m}^3$ ) for Lead Compounds |                    |            |                      |                                                                        |                 |                 |                 |                 |                 |                 |                 |                                  |                   |                  |                   |                         |
|-------------------------------------------------------------------------------------------------|--------------------|------------|----------------------|------------------------------------------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------------------------|-------------------|------------------|-------------------|-------------------------|
| State                                                                                           | County             | FIPS       | Urban<br>or<br>Rural | Percentile Distribution of Ambient Concentrations Across Census Tracts |                 |                 |                 |                 |                 |                 |                 | Contribution to Average from ... |                   |                  |                   |                         |
|                                                                                                 |                    |            |                      | 5th                                                                    | 10th            | 25th            | Median          | Average         | 75th            | 90th            | 95th            | Major                            | Area and<br>Other | Onroad<br>Mobile | Nonroad<br>Mobile | Estimated<br>Background |
| Pennsylvania                                                                                    | Washington         | 42125      | U                    | 1.38E-03                                                               | 1.93E-03        | 2.73E-03        | 4.93E-03        | 1.17E-02        | 1.34E-02        | 3.36E-02        | 3.58E-02        | 1.63E-04                         | 1.10E-02          | 2.26E-05         | 5.41E-04          | 0.00E+00                |
| Pennsylvania                                                                                    | Wayne              | 42127      | R                    | 9.71E-05                                                               | 1.10E-04        | 1.24E-04        | 3.52E-04        | 3.31E-04        | 5.18E-04        | 6.02E-04        | 6.80E-04        | 2.70E-07                         | 2.33E-04          | 1.76E-05         | 8.02E-05          | 0.00E+00                |
| Pennsylvania                                                                                    | Westmoreland       | 42129      | U                    | 5.71E-04                                                               | 8.36E-04        | 1.29E-03        | 2.13E-03        | 2.60E-03        | 3.43E-03        | 5.37E-03        | 6.33E-03        | 6.67E-04                         | 1.65E-03          | 2.72E-05         | 2.55E-04          | 0.00E+00                |
| Pennsylvania                                                                                    | Wyoming            | 42131      | U                    | 1.66E-04                                                               | 1.66E-04        | 1.84E-04        | 3.29E-04        | 3.62E-04        | 4.59E-04        | 7.32E-04        | 7.32E-04        | 0.00E+00                         | 2.95E-04          | 7.82E-06         | 5.91E-05          | 0.00E+00                |
| Pennsylvania                                                                                    | York               | 42133      | U                    | 6.33E-04                                                               | 7.70E-04        | 1.65E-03        | 2.43E-03        | 2.32E-03        | 2.81E-03        | 3.62E-03        | 4.40E-03        | 1.09E-04                         | 1.44E-03          | 1.85E-05         | 7.53E-04          | 0.00E+00                |
| <b>Rhode Island</b>                                                                             | <b>Statewide</b>   | <b>N/A</b> | <b>N/A</b>           | <b>7.75E-04</b>                                                        | <b>1.09E-03</b> | <b>1.69E-03</b> | <b>2.80E-03</b> | <b>5.33E-03</b> | <b>4.48E-03</b> | <b>9.64E-03</b> | <b>1.53E-02</b> | <b>1.28E-04</b>                  | <b>2.78E-03</b>   | <b>6.17E-05</b>  | <b>2.36E-03</b>   | <b>0.00E+00</b>         |
| Rhode Island                                                                                    | All Urban Counties | N/A        | U                    | 7.75E-04                                                               | 1.09E-03        | 1.69E-03        | 2.80E-03        | 5.33E-03        | 4.48E-03        | 9.64E-03        | 1.53E-02        | 1.28E-04                         | 2.78E-03          | 6.17E-05         | 2.36E-03          | 0.00E+00                |
| Rhode Island                                                                                    | Bristol            | 44001      | U                    | 2.26E-03                                                               | 2.43E-03        | 2.84E-03        | 4.31E-03        | 3.94E-03        | 4.86E-03        | 5.13E-03        | 5.84E-03        | 4.96E-05                         | 1.48E-03          | 5.90E-05         | 2.36E-03          | 0.00E+00                |
| Rhode Island                                                                                    | Kent               | 44003      | U                    | 7.60E-04                                                               | 1.09E-03        | 2.11E-03        | 3.93E-03        | 9.40E-03        | 1.32E-02        | 2.73E-02        | 4.17E-02        | 2.79E-05                         | 1.58E-03          | 4.96E-05         | 7.74E-03          | 0.00E+00                |
| Rhode Island                                                                                    | Newport            | 44005      | U                    | 1.43E-03                                                               | 1.44E-03        | 1.48E-03        | 1.76E-03        | 1.78E-03        | 1.96E-03        | 2.19E-03        | 2.31E-03        | 3.47E-05                         | 8.67E-04          | 3.91E-05         | 8.38E-04          | 0.00E+00                |
| Rhode Island                                                                                    | Providence         | 44007      | U                    | 9.65E-04                                                               | 1.38E-03        | 1.93E-03        | 3.05E-03        | 5.68E-03        | 4.92E-03        | 8.34E-03        | 1.41E-02        | 1.98E-04                         | 3.95E-03          | 7.57E-05         | 1.45E-03          | 0.00E+00                |
| Rhode Island                                                                                    | Washington         | 44009      | U                    | 5.90E-04                                                               | 6.11E-04        | 7.80E-04        | 1.21E-03        | 1.60E-03        | 2.13E-03        | 3.56E-03        | 3.62E-03        | 1.19E-05                         | 5.08E-04          | 2.55E-05         | 1.06E-03          | 0.00E+00                |
| <b>South Carolina</b>                                                                           | <b>Statewide</b>   | <b>N/A</b> | <b>N/A</b>           | <b>6.49E-05</b>                                                        | <b>1.25E-04</b> | <b>2.77E-04</b> | <b>6.74E-04</b> | <b>2.03E-03</b> | <b>1.68E-03</b> | <b>4.61E-03</b> | <b>7.45E-03</b> | <b>3.28E-04</b>                  | <b>1.04E-03</b>   | <b>2.26E-05</b>  | <b>6.36E-04</b>   | <b>0.00E+00</b>         |
| South Carolina                                                                                  | All Urban Counties | N/A        | U                    | 1.52E-04                                                               | 2.06E-04        | 4.99E-04        | 1.10E-03        | 2.93E-03        | 2.83E-03        | 6.24E-03        | 1.01E-02        | 4.58E-04                         | 1.49E-03          | 2.37E-05         | 9.52E-04          | 0.00E+00                |
| South Carolina                                                                                  | All Rural Counties | N/A        | R                    | 4.31E-05                                                               | 6.36E-05        | 1.55E-04        | 3.48E-04        | 6.32E-04        | 7.38E-04        | 1.26E-03        | 1.80E-03        | 1.26E-04                         | 3.44E-04          | 2.10E-05         | 1.42E-04          | 0.00E+00                |
| South Carolina                                                                                  | Abbeville          | 45001      | R                    | 3.43E-05                                                               | 3.43E-05        | 4.33E-05        | 6.10E-05        | 5.55E-05        | 6.49E-05        | 6.84E-05        | 6.84E-05        | 1.14E-06                         | 3.93E-05          | 1.50E-05         | 0.00E+00          | 0.00E+00                |
| South Carolina                                                                                  | Aiken              | 45003      | U                    | 1.74E-04                                                               | 1.76E-04        | 5.79E-04        | 7.73E-04        | 7.69E-04        | 1.04E-03        | 1.27E-03        | 1.30E-03        | 3.53E-04                         | 3.29E-04          | 1.82E-05         | 6.83E-05          | 0.00E+00                |
| South Carolina                                                                                  | Allendale          | 45005      | U                    | 3.08E-05                                                               | 3.08E-05        | 3.96E-05        | 4.02E-05        | 1.63E-04        | 6.08E-05        | 6.46E-04        | 6.46E-04        | 6.27E-06                         | 1.44E-04          | 1.33E-05         | 0.00E+00          | 0.00E+00                |
| South Carolina                                                                                  | Anderson           | 45007      | U                    | 8.95E-05                                                               | 1.02E-04        | 1.32E-04        | 1.66E-04        | 1.73E-04        | 2.05E-04        | 2.47E-04        | 3.06E-04        | 9.18E-06                         | 1.51E-04          | 1.21E-05         | 0.00E+00          | 0.00E+00                |
| South Carolina                                                                                  | Bamberg            | 45009      | R                    | 6.75E-05                                                               | 6.75E-05        | 8.11E-05        | 8.35E-05        | 1.04E-04        | 1.31E-04        | 1.58E-04        | 1.58E-04        | 2.03E-05                         | 4.28E-05          | 1.20E-05         | 2.90E-05          | 0.00E+00                |
| South Carolina                                                                                  | Barnwell           | 45011      | U                    | 8.51E-05                                                               | 8.51E-05        | 1.25E-04        | 1.71E-04        | 1.61E-04        | 2.06E-04        | 2.11E-04        | 2.11E-04        | 4.61E-05                         | 8.41E-05          | 1.33E-05         | 1.76E-05          | 0.00E+00                |
| South Carolina                                                                                  | Beaufort           | 45013      | R                    | 1.82E-04                                                               | 1.84E-04        | 2.59E-04        | 4.70E-04        | 8.12E-04        | 8.34E-04        | 1.25E-03        | 2.48E-03        | 6.29E-05                         | 7.11E-05          | 3.79E-05         | 6.40E-04          | 0.00E+00                |
| South Carolina                                                                                  | Berkeley           | 45015      | U                    | 4.79E-04                                                               | 4.89E-04        | 9.66E-04        | 1.68E-03        | 2.77E-03        | 4.23E-03        | 7.02E-03        | 8.68E-03        | 1.01E-03                         | 3.68E-04          | 1.32E-05         | 1.39E-03          | 0.00E+00                |
| South Carolina                                                                                  | Calhoun            | 45017      | R                    | 2.78E-04                                                               | 2.78E-04        | 3.76E-04        | 6.07E-04        | 6.26E-04        | 8.75E-04        | 1.01E-03        | 1.01E-03        | 9.82E-05                         | 3.86E-04          | 1.29E-05         | 1.29E-04          | 0.00E+00                |
| South Carolina                                                                                  | Charleston         | 45019      | U                    | 8.67E-04                                                               | 1.24E-03        | 2.21E-03        | 3.43E-03        | 4.72E-03        | 5.25E-03        | 8.79E-03        | 1.23E-02        | 1.17E-03                         | 1.49E-03          | 2.11E-05         | 2.03E-03          | 0.00E+00                |
| South Carolina                                                                                  | Cherokee           | 45021      | U                    | 5.49E-04                                                               | 5.49E-04        | 6.24E-04        | 7.47E-04        | 7.47E-04        | 8.70E-04        | 9.82E-04        | 9.82E-04        | 4.04E-05                         | 4.76E-04          | 4.57E-05         | 1.85E-04          | 0.00E+00                |
| South Carolina                                                                                  | Chester            | 45023      | R                    | 6.70E-04                                                               | 6.74E-04        | 7.39E-04        | 1.05E-03        | 1.12E-03        | 1.26E-03        | 1.85E-03        | 2.05E-03        | 1.49E-04                         | 9.43E-04          | 2.59E-05         | 0.00E+00          | 0.00E+00                |
| South Carolina                                                                                  | Chesterfield       | 45025      | R                    | 3.34E-05                                                               | 3.34E-05        | 6.57E-05        | 1.00E-04        | 1.43E-04        | 2.13E-04        | 3.55E-04        | 3.55E-04        | 9.84E-05                         | 3.04E-05          | 1.44E-05         | 0.00E+00          | 0.00E+00                |
| South Carolina                                                                                  | Clarendon          | 45027      | R                    | 3.00E-04                                                               | 3.00E-04        | 3.83E-04        | 5.88E-04        | 8.25E-04        | 1.19E-03        | 1.97E-03        | 1.97E-03        | 3.37E-04                         | 4.66E-04          | 1.06E-05         | 1.18E-05          | 0.00E+00                |
| South Carolina                                                                                  | Colleton           | 45029      | R                    | 3.36E-05                                                               | 3.36E-05        | 6.91E-05        | 5.54E-04        | 4.52E-04        | 7.33E-04        | 9.88E-04        | 9.88E-04        | 2.43E-04                         | 1.62E-04          | 1.29E-05         | 3.47E-05          | 0.00E+00                |
| South Carolina                                                                                  | Darlington         | 45031      | R                    | 7.60E-04                                                               | 1.35E-04        | 2.07E-04        | 2.52E-04        | 3.18E-04        | 3.86E-04        | 6.91E-04        | 8.14E-04        | 1.54E-04                         | 1.25E-04          | 3.85E-05         | 7.64E-09          | 0.00E+00                |
| South Carolina                                                                                  | Dillon             | 45033      | R                    | 1.69E-04                                                               | 1.69E-04        | 2.74E-04        | 3.53E-04        | 3.26E-04        | 3.91E-04        | 4.14E-04        | 4.14E-04        | 1.80E-04                         | 1.18E-04          | 2.75E-05         | 6.81E-09          | 0.00E+00                |
| South Carolina                                                                                  | Dorchester         | 45035      | U                    | 5.94E-04                                                               | 6.58E-04        | 8.13E-04        | 1.14E-03        | 1.16E-03        | 1.54E-03        | 1.70E-03        | 1.95E-03        | 7.62E-04                         | 2.38E-04          | 1.28E-05         | 1.45E-04          | 0.00E+00                |
| South Carolina                                                                                  | Edgefield          | 45037      | U                    | 3.66E-05                                                               | 3.66E-05        | 7.22E-05        | 1.77E-04        | 2.21E-04        | 3.19E-04        | 5.01E-04        | 5.01E-04        | 1.02E-04                         | 9.58E-05          | 1.22E-05         | 1.08E-05          | 0.00E+00                |
| South Carolina                                                                                  | Fairfield          | 45039      | R                    | 4.78E-05                                                               | 4.78E-05        | 1.61E-04        | 2.22E-04        | 2.04E-04        | 2.77E-04        | 3.13E-04        | 3.13E-04        | 6.31E-05                         | 8.44E-05          | 1.29E-05         | 4.39E-05          | 0.00E+00                |
| South Carolina                                                                                  | Florence           | 45041      | R                    | 1.37E-04                                                               | 1.83E-04        | 2.29E-04        | 3.48E-04        | 3.45E-04        | 4.52E-04        | 4.90E-04        | 7.19E-04        | 2.19E-04                         | 1.14E-04          | 1.08E-05         | 6.42E-08          | 0.00E+00                |
| South Carolina                                                                                  | Georgetown         | 45043      | R                    | 1.56E-04                                                               | 1.56E-04        | 3.70E-04        | 5.77E-04        | 7.37E-04        | 1.11E-03        | 1.63E-03        | 1.63E-03        | 6.27E-04                         | 6.65E-05          | 1.37E-05         | 2.99E-05          | 0.00E+00                |
| South Carolina                                                                                  | Greenville         | 45045      | U                    | 3.69E-04                                                               | 4.23E-04        | 4.72E-04        | 5.56E-04        | 6.93E-04        | 6.61E-04        | 1.00E-03        | 1.91E-03        | 1.74E-04                         | 3.97E-04          | 2.67E-05         | 9.57E-05          | 0.00E+00                |
| South Carolina                                                                                  | Greenwood          | 45047      | R                    | 4.70E-05                                                               | 4.80E-05        | 5.71E-05        | 1.33E-04        | 2.11E-04        | 2.49E-04        | 5.69E-04        | 7.51E-04        | 1.18E-07                         | 1.63E-04          | 4.82E-05         | 0.00E+00          | 0.00E+00                |
| South Carolina                                                                                  | Hampton            | 45049      | R                    | 2.92E-05                                                               | 2.92E-05        | 3.63E-05        | 3.72E-05        | 3.72E-05        | 4.11E-05        | 4.23E-05        | 4.23E-05        | 5.27E-06                         | 2.21E-05          | 9.79E-06         | 0.00E+00          | 0.00E+00                |
| South Carolina                                                                                  | Horry              | 45051      | R                    | 1.03E-04                                                               | 1.47E-04        | 3.27E-04        | 6.94E-04        | 8.23E-04        | 9.44E-04        | 1.25E-03        | 2.45E-03        | 7.84E-05                         | 2.93E-04          | 9.79E-06         | 4.42E-04          | 0.00E+00                |
| South Carolina                                                                                  | Jasper             | 45053      | R                    | 2.70E-05                                                               | 2.70E-05        | 2.70E-05        | 2.12E-04        | 4.26E-04        | 1.04E-03        | 1.04E-03        | 1.04E-03        | 1.97E-04                         | 4.58E-05          | 9.67E-06         | 1.74E-04          | 0.00E+00                |
| South Carolina                                                                                  | Kershaw            | 45055      | R                    | 3.97E-05                                                               | 3.97E-05        | 6.47E-05        | 9.56E-05        | 1.82E-04        | 2.43E-04        | 4.94E-04        | 4.94E-04        | 7.05E-05                         | 7.02E-05          | 1.95E-05         | 2.20E-05          | 0.00E+00                |
| South Carolina                                                                                  | Lancaster          | 45057      | R                    | 1.55E-04                                                               | 4.14E-04        | 5.32E-04        | 9.83E-04        | 1.20E-03        | 1.12E-03        | 1.21E-03        | 5.41E-03        | 1.88E-04                         | 7.75E-04          | 3.47E-05         | 1.98E-04          | 0.00E+00                |
| South Carolina                                                                                  | Laurens            | 45059      | R                    | 4.92E-05                                                               | 5.56E-05        | 6.22E-05        | 2.22E-04        | 2.35E-04        | 4.10E-04        | 4.24E-04        | 4.27E-04        | 2.42E-06                         | 1.02E-04          | 3.11E-05         | 9.89E-05          | 0.00E+00                |
| South Carolina                                                                                  | Lee                | 45061      | R                    | 7.77E-05                                                               | 7.77E-05        | 1.17E-04        | 4.06E-04        | 3.36E-04        | 4.25E-04        | 5.83E-04        | 5.83E-04        | 8.40E-05                         | 2.40E-04          | 1.19E-05         | 3.49E-09          | 0.00E+00                |
| South Carolina                                                                                  | Lexington          | 45063      | U                    | 3.05E-04                                                               | 3.94E-04        | 6.09E-04        | 9.75E-04        | 1.78E-03        | 2.46E-03        | 4.26E-03        | 4.94E-03        | 2.62E-04                         | 2.27E-04          | 2.55E-05         | 1.26E-03          | 0.00E+00                |
| South Carolina                                                                                  | McCormick          | 45065      | R                    | 3.07E-05                                                               | 3.07E-05        | 3.07E-05        | 3.50E-05        | 5.97E-05        | 1.13E-04        | 1.13E-04        | 1.13E-04        | 2.15E-05                         | 2.99E-05          | 8.27E-06         | 0.00E+00          | 0.00E+00                |
| South Carolina                                                                                  | Marion             | 45067      | R                    | 5.85E-05                                                               | 5.85E-05        | 7.91E-05        | 9.35E-05        | 1.53E-04        | 2.70E-04        | 2.84E-04        | 2.84E-04        | 8.71E-05                         | 4.40E-05          | 2.01E-05         | 2.09E-06          | 0.00E+00                |
| South Carolina                                                                                  | Marlboro           | 45069      | R                    | 1.52E-04                                                               | 1.52E-04        | 1.94E-04        | 2.07E-04        | 2.86E-04        | 2.26E-04        | 7.28E-04        | 7.28E-04        | 1.60E-04                         | 1.07E-04          | 1.89E-05         | 4.90E-09          | 0.00E+00                |

| Estimated Annual Average Ambient Concentrations (µg/m <sup>3</sup> ) for Lead Compounds |                    |       |                      |                                                                        |          |          |          |          |          |          |          |                                  |                   |                  |                   |                         |
|-----------------------------------------------------------------------------------------|--------------------|-------|----------------------|------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------------------------------|-------------------|------------------|-------------------|-------------------------|
| State                                                                                   | County             | FIPS  | Urban<br>or<br>Rural | Percentile Distribution of Ambient Concentrations Across Census Tracts |          |          |          |          |          |          |          | Contribution to Average from ... |                   |                  |                   |                         |
|                                                                                         |                    |       |                      | 5th                                                                    | 10th     | 25th     | Median   | Average  | 75th     | 90th     | 95th     | Major                            | Area and<br>Other | Onroad<br>Mobile | Nonroad<br>Mobile | Estimated<br>Background |
| South Carolina                                                                          | Newberry           | 45071 | R                    | 3.08E-05                                                               | 3.08E-05 | 4.96E-05 | 1.29E-04 | 1.19E-04 | 1.69E-04 | 2.04E-04 | 2.04E-04 | 1.70E-05                         | 7.65E-05          | 1.68E-05         | 8.28E-06          | 0.00E+00                |
| South Carolina                                                                          | Oconee             | 45073 | R                    | 6.02E-05                                                               | 6.10E-05 | 7.04E-05 | 8.20E-05 | 1.07E-04 | 1.55E-04 | 1.56E-04 | 2.00E-04 | 1.33E-06                         | 7.61E-05          | 2.96E-05         | 0.00E+00          | 0.00E+00                |
| South Carolina                                                                          | Orangeburg         | 45075 | R                    | 2.88E-04                                                               | 3.36E-04 | 4.09E-04 | 1.44E-03 | 2.17E-03 | 1.98E-03 | 3.02E-03 | 6.96E-03 | 2.66E-04                         | 1.44E-03          | 3.30E-05         | 4.29E-04          | 0.00E+00                |
| South Carolina                                                                          | Pickens            | 45077 | U                    | 1.33E-04                                                               | 1.44E-04 | 1.73E-04 | 2.27E-04 | 2.37E-04 | 3.00E-04 | 3.39E-04 | 3.60E-04 | 7.39E-05                         | 1.47E-04          | 1.58E-05         | 4.17E-07          | 0.00E+00                |
| South Carolina                                                                          | Richland           | 45079 | U                    | 4.21E-04                                                               | 7.09E-04 | 1.12E-03 | 1.59E-03 | 1.52E-03 | 1.83E-03 | 2.18E-03 | 2.54E-03 | 5.10E-04                         | 2.25E-04          | 3.81E-05         | 7.44E-04          | 0.00E+00                |
| South Carolina                                                                          | Saluda             | 45081 | R                    | 3.49E-05                                                               | 3.49E-05 | 3.58E-05 | 3.85E-05 | 8.13E-05 | 1.27E-04 | 2.13E-04 | 2.13E-04 | 2.15E-05                         | 2.55E-05          | 1.10E-05         | 2.34E-05          | 0.00E+00                |
| South Carolina                                                                          | Spartanburg        | 45083 | U                    | 4.00E-04                                                               | 4.53E-04 | 7.92E-04 | 1.76E-03 | 2.69E-03 | 3.16E-03 | 6.08E-03 | 7.19E-03 | 1.06E-04                         | 7.89E-04          | 2.39E-05         | 1.77E-03          | 0.00E+00                |
| South Carolina                                                                          | Sumter             | 45085 | R                    | 4.16E-04                                                               | 4.51E-04 | 5.93E-04 | 1.16E-03 | 1.28E-03 | 1.46E-03 | 1.80E-03 | 3.24E-03 | 7.88E-05                         | 1.18E-03          | 1.30E-05         | 1.34E-05          | 0.00E+00                |
| South Carolina                                                                          | Union              | 45087 | R                    | 4.31E-05                                                               | 4.31E-05 | 1.74E-04 | 2.09E-04 | 2.32E-04 | 2.59E-04 | 4.19E-04 | 4.19E-04 | 8.73E-06                         | 1.52E-04          | 2.96E-05         | 4.19E-05          | 0.00E+00                |
| South Carolina                                                                          | Williamsburg       | 45089 | R                    | 5.89E-05                                                               | 6.85E-05 | 1.01E-04 | 1.37E-04 | 1.33E-04 | 1.74E-04 | 1.92E-04 | 2.05E-04 | 6.21E-05                         | 5.89E-05          | 9.62E-06         | 2.23E-06          | 0.00E+00                |
| South Carolina                                                                          | York               | 45091 | U                    | 1.91E-03                                                               | 2.84E-03 | 5.40E-03 | 1.01E-02 | 1.58E-02 | 1.32E-02 | 4.48E-02 | 8.09E-02 | 5.85E-04                         | 1.31E-02          | 2.40E-05         | 2.14E-03          | 0.00E+00                |
| South Dakota                                                                            | Statewide          | N/A   | N/A                  | 1.14E-06                                                               | 2.94E-06 | 1.38E-05 | 5.10E-05 | 3.71E-04 | 5.08E-04 | 9.66E-04 | 1.47E-03 | 2.50E-07                         | 9.45E-05          | 7.10E-06         | 2.69E-04          | 0.00E+00                |
| South Dakota                                                                            | All Urban Counties | N/A   | U                    | 2.10E-05                                                               | 3.10E-05 | 1.12E-04 | 4.96E-04 | 6.80E-04 | 8.38E-04 | 1.43E-03 | 1.56E-03 | 2.19E-07                         | 1.66E-04          | 1.23E-05         | 5.01E-04          | 0.00E+00                |
| South Dakota                                                                            | All Rural Counties | N/A   | R                    | 8.01E-07                                                               | 1.14E-06 | 3.76E-06 | 1.44E-05 | 3.22E-05 | 3.19E-05 | 7.68E-05 | 9.96E-05 | 2.83E-07                         | 1.59E-05          | 1.36E-06         | 1.46E-05          | 0.00E+00                |
| South Dakota                                                                            | Aurora             | 46003 | R                    | 1.25E-05                                                               | 1.25E-05 | 1.25E-05 | 1.62E-05 | 1.62E-05 | 1.99E-05 | 1.99E-05 | 1.99E-05 | 0.00E+00                         | 6.36E-06          | 7.09E-07         | 9.15E-06          | 0.00E+00                |
| South Dakota                                                                            | Beadle             | 46005 | U                    | 3.88E-05                                                               | 3.88E-05 | 9.88E-05 | 4.24E-04 | 4.21E-04 | 7.52E-04 | 7.90E-04 | 7.90E-04 | 0.00E+00                         | 5.66E-05          | 6.42E-06         | 3.58E-04          | 0.00E+00                |
| South Dakota                                                                            | Bennett            | 46007 | R                    | 2.55E-06                                                               | 2.55E-06 | 2.55E-06 | 2.55E-06 | 2.55E-06 | 2.55E-06 | 2.55E-06 | 2.55E-06 | 0.00E+00                         | 2.20E-06          | 3.53E-07         | 0.00E+00          | 0.00E+00                |
| South Dakota                                                                            | Bon Homme          | 46009 | R                    | 2.68E-05                                                               | 2.68E-05 | 2.68E-05 | 2.74E-05 | 2.74E-05 | 2.81E-05 | 2.81E-05 | 2.81E-05 | 0.00E+00                         | 1.10E-05          | 1.61E-06         | 1.48E-05          | 0.00E+00                |
| South Dakota                                                                            | Brookings          | 46011 | U                    | 3.62E-05                                                               | 3.62E-05 | 8.14E-05 | 2.95E-04 | 3.78E-04 | 6.74E-04 | 8.83E-04 | 8.83E-04 | 0.00E+00                         | 5.20E-05          | 1.02E-05         | 3.15E-04          | 0.00E+00                |
| South Dakota                                                                            | Brown              | 46013 | U                    | 3.10E-05                                                               | 3.10E-05 | 1.25E-04 | 7.06E-04 | 1.03E-03 | 1.22E-03 | 3.99E-03 | 3.99E-03 | 0.00E+00                         | 1.01E-04          | 1.21E-05         | 9.18E-04          | 0.00E+00                |
| South Dakota                                                                            | Brule              | 46015 | R                    | 4.74E-06                                                               | 4.74E-06 | 4.74E-06 | 2.00E-05 | 2.00E-05 | 3.52E-05 | 3.52E-05 | 3.52E-05 | 0.00E+00                         | 1.88E-05          | 1.13E-06         | 0.00E+00          | 0.00E+00                |
| South Dakota                                                                            | Buffalo            | 46017 | R                    | 1.60E-06                                                               | 1.60E-06 | 1.60E-06 | 1.60E-06 | 1.60E-06 | 1.60E-06 | 1.60E-06 | 1.60E-06 | 0.00E+00                         | 1.06E-06          | 5.40E-07         | 0.00E+00          | 0.00E+00                |
| South Dakota                                                                            | Butte              | 46019 | U                    | 5.23E-06                                                               | 5.23E-06 | 5.23E-06 | 1.28E-05 | 1.28E-05 | 2.05E-05 | 2.05E-05 | 2.05E-05 | 2.11E-06                         | 9.29E-06          | 1.45E-06         | 0.00E+00          | 0.00E+00                |
| South Dakota                                                                            | Campbell           | 46021 | R                    | 1.14E-06                                                               | 1.14E-06 | 1.14E-06 | 1.14E-06 | 1.14E-06 | 1.14E-06 | 1.14E-06 | 1.14E-06 | 0.00E+00                         | 8.48E-07          | 2.91E-07         | 0.00E+00          | 0.00E+00                |
| South Dakota                                                                            | Charles Mix        | 46023 | R                    | 4.99E-06                                                               | 4.99E-06 | 4.99E-06 | 5.69E-06 | 6.02E-06 | 7.38E-06 | 7.38E-06 | 7.38E-06 | 0.00E+00                         | 5.12E-06          | 8.96E-07         | 0.00E+00          | 0.00E+00                |
| South Dakota                                                                            | Clark              | 46025 | R                    | 1.06E-05                                                               | 1.06E-05 | 1.06E-05 | 1.38E-05 | 1.38E-05 | 1.70E-05 | 1.70E-05 | 1.70E-05 | 0.00E+00                         | 3.40E-06          | 6.19E-07         | 9.80E-06          | 0.00E+00                |
| South Dakota                                                                            | Clay               | 46027 | U                    | 5.47E-05                                                               | 5.47E-05 | 5.47E-05 | 2.17E-04 | 1.66E-04 | 2.26E-04 | 2.26E-04 | 2.26E-04 | 0.00E+00                         | 1.24E-04          | 1.68E-05         | 2.47E-05          | 0.00E+00                |
| South Dakota                                                                            | Codington          | 46029 | U                    | 4.55E-05                                                               | 4.55E-05 | 1.12E-04 | 5.61E-04 | 4.63E-04 | 7.38E-04 | 8.61E-04 | 8.61E-04 | 0.00E+00                         | 8.04E-05          | 1.16E-05         | 3.71E-04          | 0.00E+00                |
| South Dakota                                                                            | Corson             | 46031 | R                    | 3.91E-07                                                               | 3.91E-07 | 3.91E-07 | 3.91E-07 | 3.91E-07 | 3.91E-07 | 3.91E-07 | 3.91E-07 | 0.00E+00                         | 1.77E-07          | 2.14E-07         | 0.00E+00          | 0.00E+00                |
| South Dakota                                                                            | Custer             | 46033 | R                    | 9.62E-06                                                               | 9.62E-06 | 9.62E-06 | 1.65E-05 | 1.65E-05 | 2.35E-05 | 2.35E-05 | 2.35E-05 | 9.23E-08                         | 1.40E-05          | 1.30E-06         | 1.19E-06          | 0.00E+00                |
| South Dakota                                                                            | Davison            | 46035 | U                    | 3.55E-05                                                               | 3.55E-05 | 1.30E-04 | 2.70E-04 | 2.87E-04 | 4.45E-04 | 5.74E-04 | 5.74E-04 | 0.00E+00                         | 7.92E-05          | 7.99E-06         | 2.00E-04          | 0.00E+00                |
| South Dakota                                                                            | Day                | 46037 | R                    | 4.27E-06                                                               | 4.27E-06 | 4.27E-06 | 4.80E-06 | 1.24E-05 | 2.82E-05 | 2.82E-05 | 2.82E-05 | 0.00E+00                         | 1.13E-05          | 1.14E-06         | 0.00E+00          | 0.00E+00                |
| South Dakota                                                                            | Deuel              | 46039 | R                    | 2.84E-05                                                               | 2.84E-05 | 2.84E-05 | 2.86E-05 | 2.86E-05 | 2.88E-05 | 2.88E-05 | 2.88E-05 | 0.00E+00                         | 6.96E-06          | 1.54E-06         | 2.01E-05          | 0.00E+00                |
| South Dakota                                                                            | Dewey              | 46041 | R                    | 8.01E-07                                                               | 8.01E-07 | 8.01E-07 | 8.01E-07 | 8.01E-07 | 8.01E-07 | 8.01E-07 | 8.01E-07 | 0.00E+00                         | 5.08E-07          | 2.93E-07         | 0.00E+00          | 0.00E+00                |
| South Dakota                                                                            | Douglas            | 46043 | R                    | 1.10E-05                                                               | 1.10E-05 | 1.10E-05 | 1.10E-05 | 1.10E-05 | 1.10E-05 | 1.10E-05 | 1.10E-05 | 0.00E+00                         | 1.02E-05          | 8.33E-07         | 0.00E+00          | 0.00E+00                |
| South Dakota                                                                            | Edmunds            | 46045 | R                    | 3.72E-06                                                               | 3.72E-06 | 3.72E-06 | 2.25E-05 | 2.25E-05 | 4.12E-05 | 4.12E-05 | 4.12E-05 | 0.00E+00                         | 3.07E-06          | 4.41E-07         | 1.89E-05          | 0.00E+00                |
| South Dakota                                                                            | Fall River         | 46047 | U                    | 6.23E-06                                                               | 6.23E-06 | 6.23E-06 | 1.78E-05 | 1.78E-05 | 2.94E-05 | 2.94E-05 | 2.94E-05 | 0.00E+00                         | 1.63E-05          | 1.51E-06         | 0.00E+00          | 0.00E+00                |
| South Dakota                                                                            | Faulk              | 46049 | R                    | 1.69E-06                                                               | 1.69E-06 | 1.69E-06 | 1.69E-06 | 1.69E-06 | 1.69E-06 | 1.69E-06 | 1.69E-06 | 0.00E+00                         | 1.42E-06          | 2.69E-07         | 0.00E+00          | 0.00E+00                |
| South Dakota                                                                            | Grant              | 46051 | R                    | 1.38E-05                                                               | 1.38E-05 | 1.38E-05 | 1.44E-05 | 1.44E-05 | 1.50E-05 | 1.50E-05 | 1.50E-05 | 7.12E-07                         | 9.03E-06          | 1.58E-06         | 3.05E-06          | 0.00E+00                |
| South Dakota                                                                            | Gregory            | 46053 | R                    | 2.94E-06                                                               | 2.94E-06 | 2.94E-06 | 4.82E-06 | 4.82E-06 | 6.69E-06 | 6.69E-06 | 6.69E-06 | 0.00E+00                         | 4.21E-06          | 6.09E-07         | 0.00E+00          | 0.00E+00                |
| South Dakota                                                                            | Haakon             | 46055 | R                    | 1.45E-06                                                               | 1.45E-06 | 1.45E-06 | 1.45E-06 | 1.45E-06 | 1.45E-06 | 1.45E-06 | 1.45E-06 | 0.00E+00                         | 1.31E-06          | 1.42E-07         | 0.00E+00          | 0.00E+00                |
| South Dakota                                                                            | Hamlin             | 46057 | R                    | 2.44E-05                                                               | 2.44E-05 | 2.44E-05 | 3.71E-05 | 3.71E-05 | 4.98E-05 | 4.98E-05 | 4.98E-05 | 0.00E+00                         | 5.85E-06          | 1.42E-06         | 2.98E-05          | 0.00E+00                |
| South Dakota                                                                            | Hand               | 46059 | R                    | 1.70E-05                                                               | 1.70E-05 | 1.70E-05 | 1.70E-05 | 1.70E-05 | 1.71E-05 | 1.71E-05 | 1.71E-05 | 0.00E+00                         | 1.61E-05          | 9.79E-07         | 0.00E+00          | 0.00E+00                |
| South Dakota                                                                            | Hanson             | 46061 | R                    | 3.92E-05                                                               | 3.92E-05 | 3.92E-05 | 3.92E-05 | 3.92E-05 | 3.92E-05 | 3.92E-05 | 3.92E-05 | 0.00E+00                         | 6.50E-06          | 1.32E-06         | 3.14E-05          | 0.00E+00                |
| South Dakota                                                                            | Harding            | 46063 | R                    | 8.03E-08                                                               | 8.03E-08 | 8.03E-08 | 8.03E-08 | 8.03E-08 | 8.03E-08 | 8.03E-08 | 8.03E-08 | 0.00E+00                         | 3.43E-08          | 4.60E-08         | 0.00E+00          | 0.00E+00                |
| South Dakota                                                                            | Hughes             | 46065 | U                    | 3.73E-05                                                               | 3.73E-05 | 1.90E-04 | 4.27E-04 | 4.56E-04 | 7.23E-04 | 9.35E-04 | 9.35E-04 | 0.00E+00                         | 8.27E-05          | 1.29E-05         | 3.61E-04          | 0.00E+00                |
| South Dakota                                                                            | Hutchinson         | 46067 | R                    | 7.74E-06                                                               | 7.74E-06 | 7.74E-06 | 1.67E-05 | 1.65E-05 | 2.51E-05 | 2.51E-05 | 2.51E-05 | 0.00E+00                         | 7.90E-06          | 1.23E-06         | 7.38E-06          | 0.00E+00                |
| South Dakota                                                                            | Hyde               | 46069 | R                    | 1.13E-06                                                               | 1.13E-06 | 1.13E-06 | 1.13E-06 | 1.13E-06 | 1.13E-06 | 1.13E-06 | 1.13E-06 | 0.00E+00                         | 8.63E-07          | 2.69E-07         | 0.00E+00          | 0.00E+00                |
| South Dakota                                                                            | Jackson            | 46071 | R                    | 8.75E-07                                                               | 8.75E-07 | 8.75E-07 | 1.44E-06 | 1.44E-06 | 2.00E-06 | 2.00E-06 | 2.00E-06 | 0.00E+00                         | 1.20E-06          | 2.41E-07         | 0.00E+00          | 0.00E+00                |
| South Dakota                                                                            | Jerauld            | 46073 | R                    | 9.78E-05                                                               | 9.78E-05 | 9.78E-05 | 9.79E-05 | 9.79E-05 | 9.80E-05 | 9.80E-05 | 9.80E-05 | 0.00E+00                         | 9.22E-05          | 1.65E-06         | 4.06E-06          | 0.00E+00                |

| Estimated Annual Average Ambient Concentrations (µg/m <sup>3</sup> ) for Lead Compounds |                    |       |                      |                                                                        |          |          |          |          |          |          |          |                                  |                   |                  |                   |                         |
|-----------------------------------------------------------------------------------------|--------------------|-------|----------------------|------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------------------------------|-------------------|------------------|-------------------|-------------------------|
| State                                                                                   | County             | FIPS  | Urban<br>or<br>Rural | Percentile Distribution of Ambient Concentrations Across Census Tracts |          |          |          |          |          |          |          | Contribution to Average from ... |                   |                  |                   |                         |
|                                                                                         |                    |       |                      | 5th                                                                    | 10th     | 25th     | Median   | Average  | 75th     | 90th     | 95th     | Major                            | Area and<br>Other | Onroad<br>Mobile | Nonroad<br>Mobile | Estimated<br>Background |
| South Dakota                                                                            | Jones              | 46075 | R                    | 3.86E-07                                                               | 3.86E-07 | 3.86E-07 | 3.86E-07 | 3.86E-07 | 3.86E-07 | 3.86E-07 | 3.86E-07 | 0.00E+00                         | 2.58E-07          | 1.28E-07         | 0.00E+00          | 0.00E+00                |
| South Dakota                                                                            | Kingsbury          | 46077 | R                    | 2.07E-05                                                               | 2.07E-05 | 2.07E-05 | 2.35E-05 | 2.35E-05 | 2.64E-05 | 2.64E-05 | 2.64E-05 | 0.00E+00                         | 5.77E-06          | 8.94E-07         | 1.69E-05          | 0.00E+00                |
| South Dakota                                                                            | Lake               | 46079 | U                    | 2.07E-05                                                               | 2.07E-05 | 2.07E-05 | 5.10E-05 | 5.06E-05 | 8.00E-05 | 8.00E-05 | 8.00E-05 | 0.00E+00                         | 3.47E-05          | 3.54E-06         | 1.23E-05          | 0.00E+00                |
| South Dakota                                                                            | Lawrence           | 46081 | U                    | 2.10E-05                                                               | 2.10E-05 | 2.67E-05 | 3.71E-05 | 9.87E-05 | 1.04E-04 | 3.05E-04 | 3.05E-04 | 8.73E-07                         | 9.12E-05          | 6.57E-06         | 0.00E+00          | 0.00E+00                |
| South Dakota                                                                            | Lincoln            | 46083 | R                    | 7.20E-05                                                               | 7.20E-05 | 8.54E-05 | 1.26E-04 | 1.78E-04 | 2.70E-04 | 3.87E-04 | 3.87E-04 | 0.00E+00                         | 3.77E-05          | 4.34E-06         | 1.36E-04          | 0.00E+00                |
| South Dakota                                                                            | Lyman              | 46085 | R                    | 9.15E-07                                                               | 9.15E-07 | 9.15E-07 | 9.15E-07 | 9.15E-07 | 9.15E-07 | 9.15E-07 | 9.15E-07 | 0.00E+00                         | 6.68E-07          | 2.47E-07         | 0.00E+00          | 0.00E+00                |
| South Dakota                                                                            | McCook             | 46087 | R                    | 1.58E-05                                                               | 1.58E-05 | 1.58E-05 | 1.65E-05 | 1.65E-05 | 1.73E-05 | 1.73E-05 | 1.73E-05 | 0.00E+00                         | 1.51E-05          | 1.42E-06         | 0.00E+00          | 0.00E+00                |
| South Dakota                                                                            | McPherson          | 46089 | R                    | 3.76E-06                                                               | 3.76E-06 | 3.76E-06 | 3.76E-06 | 3.76E-06 | 3.76E-06 | 3.76E-06 | 3.76E-06 | 0.00E+00                         | 3.43E-06          | 3.28E-07         | 0.00E+00          | 0.00E+00                |
| South Dakota                                                                            | Marshall           | 46091 | R                    | 4.38E-06                                                               | 4.38E-06 | 4.38E-06 | 4.98E-06 | 4.98E-06 | 5.59E-06 | 5.59E-06 | 5.59E-06 | 0.00E+00                         | 4.27E-06          | 7.13E-07         | 0.00E+00          | 0.00E+00                |
| South Dakota                                                                            | Meade              | 46093 | R                    | 5.17E-06                                                               | 5.17E-06 | 2.37E-05 | 4.46E-05 | 6.19E-05 | 1.00E-04 | 1.53E-04 | 1.53E-04 | 1.14E-06                         | 3.88E-05          | 4.97E-06         | 1.70E-05          | 0.00E+00                |
| South Dakota                                                                            | Mellette           | 46095 | R                    | 1.91E-06                                                               | 1.91E-06 | 1.91E-06 | 1.91E-06 | 1.91E-06 | 1.91E-06 | 1.91E-06 | 1.91E-06 | 0.00E+00                         | 1.65E-06          | 2.59E-07         | 0.00E+00          | 0.00E+00                |
| South Dakota                                                                            | Miner              | 46097 | R                    | 8.17E-06                                                               | 8.17E-06 | 8.17E-06 | 9.03E-06 | 9.03E-06 | 9.89E-06 | 9.89E-06 | 9.89E-06 | 0.00E+00                         | 6.43E-06          | 8.70E-07         | 1.73E-06          | 0.00E+00                |
| South Dakota                                                                            | Minnehaha          | 46099 | U                    | 1.97E-04                                                               | 2.78E-04 | 6.69E-04 | 9.54E-04 | 1.36E-03 | 1.47E-03 | 2.36E-03 | 3.90E-03 | 0.00E+00                         | 2.27E-04          | 2.07E-05         | 1.11E-03          | 0.00E+00                |
| South Dakota                                                                            | Moody              | 46101 | R                    | 3.22E-05                                                               | 3.22E-05 | 3.22E-05 | 5.43E-05 | 5.43E-05 | 7.65E-05 | 7.65E-05 | 7.65E-05 | 0.00E+00                         | 1.75E-05          | 2.81E-06         | 3.41E-05          | 0.00E+00                |
| South Dakota                                                                            | Pennington         | 46103 | U                    | 3.49E-05                                                               | 8.09E-05 | 1.78E-04 | 3.04E-04 | 3.80E-04 | 5.39E-04 | 7.34E-04 | 8.37E-04 | 6.65E-07                         | 3.06E-04          | 9.05E-06         | 6.44E-05          | 0.00E+00                |
| South Dakota                                                                            | Perkins            | 46105 | R                    | 9.77E-07                                                               | 9.77E-07 | 9.77E-07 | 9.77E-07 | 9.77E-07 | 9.77E-07 | 9.77E-07 | 9.77E-07 | 0.00E+00                         | 8.53E-07          | 1.24E-07         | 0.00E+00          | 0.00E+00                |
| South Dakota                                                                            | Potter             | 46107 | R                    | 3.10E-06                                                               | 3.10E-06 | 3.10E-06 | 3.10E-06 | 3.10E-06 | 3.10E-06 | 3.10E-06 | 3.10E-06 | 0.00E+00                         | 2.78E-06          | 3.26E-07         | 0.00E+00          | 0.00E+00                |
| South Dakota                                                                            | Roberts            | 46109 | R                    | 5.46E-06                                                               | 5.46E-06 | 7.23E-06 | 1.03E-05 | 1.33E-05 | 1.93E-05 | 2.71E-05 | 2.71E-05 | 1.57E-06                         | 1.04E-05          | 1.31E-06         | 0.00E+00          | 0.00E+00                |
| South Dakota                                                                            | Sanborn            | 46111 | R                    | 4.91E-05                                                               | 4.91E-05 | 4.91E-05 | 5.00E-05 | 5.00E-05 | 5.09E-05 | 5.09E-05 | 5.09E-05 | 0.00E+00                         | 6.20E-06          | 8.42E-07         | 4.29E-05          | 0.00E+00                |
| South Dakota                                                                            | Shannon            | 46113 | R                    | 1.86E-06                                                               | 1.86E-06 | 1.86E-06 | 2.03E-06 | 2.03E-06 | 2.21E-06 | 2.21E-06 | 2.21E-06 | 0.00E+00                         | 1.44E-06          | 5.90E-07         | 0.00E+00          | 0.00E+00                |
| South Dakota                                                                            | Spink              | 46115 | R                    | 1.66E-05                                                               | 1.66E-05 | 2.24E-05 | 4.69E-05 | 4.68E-05 | 7.12E-05 | 7.68E-05 | 7.68E-05 | 0.00E+00                         | 8.70E-06          | 1.03E-06         | 3.71E-05          | 0.00E+00                |
| South Dakota                                                                            | Stanley            | 46117 | R                    | 8.67E-05                                                               | 8.67E-05 | 8.67E-05 | 8.67E-05 | 8.67E-05 | 8.67E-05 | 8.67E-05 | 8.67E-05 | 0.00E+00                         | 5.57E-06          | 9.75E-07         | 8.01E-05          | 0.00E+00                |
| South Dakota                                                                            | Sully              | 46119 | R                    | 8.05E-06                                                               | 8.05E-06 | 8.05E-06 | 8.05E-06 | 8.05E-06 | 8.05E-06 | 8.05E-06 | 8.05E-06 | 0.00E+00                         | 1.29E-06          | 3.32E-07         | 6.42E-06          | 0.00E+00                |
| South Dakota                                                                            | Todd               | 46121 | R                    | 2.67E-06                                                               | 2.67E-06 | 2.67E-06 | 2.93E-06 | 2.93E-06 | 3.20E-06 | 3.20E-06 | 3.20E-06 | 0.00E+00                         | 2.18E-06          | 7.52E-07         | 0.00E+00          | 0.00E+00                |
| South Dakota                                                                            | Tripp              | 46123 | R                    | 4.22E-06                                                               | 4.22E-06 | 4.22E-06 | 1.03E-05 | 1.03E-05 | 1.64E-05 | 1.64E-05 | 1.64E-05 | 0.00E+00                         | 9.08E-06          | 1.22E-06         | 0.00E+00          | 0.00E+00                |
| South Dakota                                                                            | Turner             | 46125 | R                    | 3.19E-05                                                               | 3.19E-05 | 3.19E-05 | 4.32E-05 | 4.32E-05 | 5.45E-05 | 5.45E-05 | 5.45E-05 | 0.00E+00                         | 1.91E-05          | 2.22E-06         | 2.19E-05          | 0.00E+00                |
| South Dakota                                                                            | Union              | 46127 | R                    | 1.62E-05                                                               | 1.62E-05 | 1.62E-05 | 9.96E-05 | 1.61E-04 | 3.67E-04 | 3.67E-04 | 3.67E-04 | 4.73E-06                         | 1.47E-04          | 3.83E-06         | 5.37E-06          | 0.00E+00                |
| South Dakota                                                                            | Walworth           | 46129 | U                    | 5.29E-06                                                               | 5.29E-06 | 5.29E-06 | 1.69E-05 | 1.69E-05 | 2.86E-05 | 2.86E-05 | 2.86E-05 | 0.00E+00                         | 1.57E-05          | 1.20E-06         | 0.00E+00          | 0.00E+00                |
| South Dakota                                                                            | Yankton            | 46135 | U                    | 1.28E-04                                                               | 1.28E-04 | 3.63E-04 | 7.66E-04 | 7.16E-04 | 1.07E-03 | 1.20E-03 | 1.20E-03 | 0.00E+00                         | 1.48E-04          | 1.23E-05         | 5.56E-04          | 0.00E+00                |
| South Dakota                                                                            | Ziebach            | 46137 | R                    | 2.63E-07                                                               | 2.63E-07 | 2.63E-07 | 2.63E-07 | 2.63E-07 | 2.63E-07 | 2.63E-07 | 2.63E-07 | 0.00E+00                         | 1.29E-07          | 1.35E-07         | 0.00E+00          | 0.00E+00                |
| Tennessee                                                                               | Statewide          | N/A   | N/A                  | 4.09E-05                                                               | 6.00E-05 | 1.72E-04 | 9.53E-04 | 2.63E-03 | 3.32E-03 | 6.06E-03 | 9.00E-03 | 6.76E-04                         | 1.10E-03          | 3.20E-05         | 8.20E-04          | 0.00E+00                |
| Tennessee                                                                               | All Urban Counties | N/A   | U                    | 1.09E-04                                                               | 2.12E-04 | 8.02E-04 | 2.10E-03 | 3.79E-03 | 4.55E-03 | 7.59E-03 | 1.17E-02 | 9.77E-04                         | 1.55E-03          | 3.74E-05         | 1.22E-03          | 0.00E+00                |
| Tennessee                                                                               | All Rural Counties | N/A   | R                    | 2.95E-05                                                               | 3.56E-05 | 5.94E-05 | 1.20E-04 | 2.70E-04 | 3.10E-04 | 6.12E-04 | 1.18E-03 | 6.26E-05                         | 1.78E-04          | 2.11E-05         | 8.89E-06          | 0.00E+00                |
| Tennessee                                                                               | Anderson           | 47001 | U                    | 7.20E-04                                                               | 7.52E-04 | 1.02E-03 | 1.24E-03 | 1.29E-03 | 1.55E-03 | 1.89E-03 | 1.91E-03 | 2.11E-05                         | 1.10E-03          | 2.76E-05         | 1.36E-04          | 0.00E+00                |
| Tennessee                                                                               | Bedford            | 47003 | R                    | 8.63E-05                                                               | 8.63E-05 | 3.48E-04 | 4.19E-04 | 3.97E-04 | 4.70E-04 | 6.14E-04 | 6.14E-04 | 1.13E-07                         | 3.73E-04          | 2.37E-05         | 5.11E-13          | 0.00E+00                |
| Tennessee                                                                               | Benton             | 47005 | R                    | 4.83E-05                                                               | 4.83E-05 | 5.01E-05 | 5.74E-05 | 7.23E-05 | 6.67E-05 | 1.39E-04 | 1.39E-04 | 4.39E-06                         | 5.72E-05          | 1.07E-05         | 0.00E+00          | 0.00E+00                |
| Tennessee                                                                               | Bledsoe            | 47007 | R                    | 2.42E-05                                                               | 2.42E-05 | 2.42E-05 | 9.04E-04 | 6.68E-04 | 1.08E-03 | 1.08E-03 | 1.08E-03 | 6.23E-04                         | 3.21E-05          | 1.25E-05         | 3.89E-07          | 0.00E+00                |
| Tennessee                                                                               | Blount             | 47009 | U                    | 3.91E-04                                                               | 3.95E-04 | 7.02E-04 | 1.74E-03 | 3.48E-03 | 2.72E-03 | 1.42E-02 | 2.12E-02 | 2.60E-04                         | 1.91E-04          | 2.28E-05         | 3.01E-03          | 0.00E+00                |
| Tennessee                                                                               | Bradley            | 47011 | R                    | 7.10E-04                                                               | 1.03E-03 | 1.41E-03 | 1.54E-03 | 1.48E-03 | 1.68E-03 | 1.75E-03 | 1.90E-03 | 4.44E-04                         | 8.71E-04          | 8.08E-05         | 8.30E-05          | 0.00E+00                |
| Tennessee                                                                               | Campbell           | 47013 | R                    | 1.34E-04                                                               | 1.45E-04 | 1.68E-04 | 2.69E-04 | 3.32E-04 | 4.25E-04 | 6.05E-04 | 7.32E-04 | 3.99E-06                         | 3.00E-04          | 2.73E-05         | 0.00E+00          | 0.00E+00                |
| Tennessee                                                                               | Cannon             | 47015 | R                    | 1.19E-04                                                               | 1.19E-04 | 1.19E-04 | 1.73E-04 | 1.61E-04 | 1.91E-04 | 1.91E-04 | 1.91E-04 | 2.41E-06                         | 1.41E-04          | 1.75E-05         | 0.00E+00          | 0.00E+00                |
| Tennessee                                                                               | Carroll            | 47017 | R                    | 3.21E-05                                                               | 3.21E-05 | 6.14E-05 | 7.18E-05 | 7.16E-05 | 8.74E-05 | 1.05E-04 | 1.05E-04 | 1.05E-06                         | 6.01E-05          | 9.49E-06         | 9.18E-07          | 0.00E+00                |
| Tennessee                                                                               | Carter             | 47019 | U                    | 4.12E-04                                                               | 4.52E-04 | 1.76E-03 | 2.05E-03 | 2.05E-03 | 2.69E-03 | 3.23E-03 | 3.58E-03 | 1.27E-03                         | 2.88E-04          | 1.81E-05         | 4.73E-04          | 0.00E+00                |
| Tennessee                                                                               | Cheatham           | 47021 | U                    | 6.96E-04                                                               | 6.96E-04 | 8.39E-04 | 1.07E-03 | 9.97E-04 | 1.16E-03 | 1.16E-03 | 1.16E-03 | 9.07E-05                         | 2.39E-04          | 1.40E-05         | 6.53E-04          | 0.00E+00                |
| Tennessee                                                                               | Chester            | 47023 | R                    | 8.62E-05                                                               | 8.62E-05 | 8.62E-05 | 1.90E-04 | 2.24E-04 | 3.96E-04 | 3.96E-04 | 3.96E-04 | 4.05E-05                         | 1.63E-04          | 1.19E-05         | 8.95E-06          | 0.00E+00                |
| Tennessee                                                                               | Claiborne          | 47025 | R                    | 7.00E-05                                                               | 7.00E-05 | 8.82E-05 | 9.75E-05 | 9.63E-05 | 1.03E-04 | 1.33E-04 | 1.33E-04 | 1.06E-06                         | 7.87E-05          | 1.66E-05         | 0.00E+00          | 0.00E+00                |
| Tennessee                                                                               | Clay               | 47027 | R                    | 3.78E-05                                                               | 3.78E-05 | 3.78E-05 | 4.36E-05 | 4.36E-05 | 4.94E-05 | 4.94E-05 | 4.94E-05 | 0.00E+00                         | 3.44E-05          | 9.19E-06         | 0.00E+00          | 0.00E+00                |
| Tennessee                                                                               | Cocke              | 47029 | R                    | 1.37E-04                                                               | 1.37E-04 | 1.84E-04 | 2.95E-04 | 2.61E-04 | 3.38E-04 | 3.74E-04 | 3.74E-04 | 3.46E-05                         | 2.02E-04          | 2.46E-05         | 0.00E+00          | 0.00E+00                |
| Tennessee                                                                               | Coffee             | 47031 | U                    | 4.65E-05                                                               | 6.26E-05 | 8.20E-05 | 1.26E-04 | 1.49E-04 | 2.05E-04 | 2.64E-04 | 3.12E-04 | 1.49E-06                         | 1.19E-04          | 2.83E-05         | 0.00E+00          | 0.00E+00                |
| Tennessee                                                                               | Crockett           | 47033 | R                    | 8.62E-05                                                               | 8.62E-05 | 9.84E-05 | 1.17E-04 | 1.37E-04 | 1.82E-04 | 2.11E-04 | 2.11E-04 | 0.00E+00                         | 1.06E-04          | 1.09E-05         | 2.02E-05          | 0.00E+00                |

| Estimated Annual Average Ambient Concentrations (µg/m <sup>3</sup> ) for Lead Compounds |            |       |                      |                                                                        |          |          |          |          |          |          |          |                                  |                   |                  |                   |                         |
|-----------------------------------------------------------------------------------------|------------|-------|----------------------|------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------------------------------|-------------------|------------------|-------------------|-------------------------|
| State                                                                                   | County     | FIPS  | Urban<br>or<br>Rural | Percentile Distribution of Ambient Concentrations Across Census Tracts |          |          |          |          |          |          |          | Contribution to Average from ... |                   |                  |                   |                         |
|                                                                                         |            |       |                      | 5th                                                                    | 10th     | 25th     | Median   | Average  | 75th     | 90th     | 95th     | Major                            | Area and<br>Other | Onroad<br>Mobile | Nonroad<br>Mobile | Estimated<br>Background |
| Tennessee                                                                               | Cumberland | 47035 | R                    | 3.09E-05                                                               | 4.87E-05 | 5.13E-05 | 1.09E-04 | 3.70E-04 | 1.32E-04 | 1.54E-04 | 3.19E-03 | 8.04E-07                         | 3.48E-04          | 2.17E-05         | 0.00E+00          | 0.00E+00                |
| Tennessee                                                                               | Davidson   | 47037 | U                    | 2.14E-03                                                               | 2.43E-03 | 3.71E-03 | 5.68E-03 | 7.16E-03 | 7.53E-03 | 1.10E-02 | 2.02E-02 | 9.71E-04                         | 1.49E-03          | 5.17E-05         | 4.65E-03          | 0.00E+00                |
| Tennessee                                                                               | Decatur    | 47039 | R                    | 2.66E-04                                                               | 2.66E-04 | 2.66E-04 | 3.49E-04 | 3.49E-04 | 4.32E-04 | 4.32E-04 | 4.32E-04 | 3.14E-04                         | 2.83E-05          | 6.20E-06         | 0.00E+00          | 0.00E+00                |
| Tennessee                                                                               | DeKalb     | 47041 | R                    | 6.60E-05                                                               | 6.60E-05 | 6.60E-05 | 9.01E-05 | 8.78E-05 | 1.07E-04 | 1.07E-04 | 1.07E-04 | 7.07E-04                         | 7.18E-05          | 1.59E-05         | 0.00E+00          | 0.00E+00                |
| Tennessee                                                                               | Dickson    | 47043 | U                    | 4.58E-05                                                               | 4.58E-05 | 5.20E-05 | 1.68E-04 | 2.21E-04 | 1.97E-04 | 7.44E-04 | 7.44E-04 | 2.00E-05                         | 1.25E-04          | 8.97E-06         | 6.76E-05          | 0.00E+00                |
| Tennessee                                                                               | Dyer       | 47045 | U                    | 4.65E-05                                                               | 4.65E-05 | 5.13E-05 | 7.02E-05 | 9.99E-05 | 1.42E-04 | 2.26E-04 | 2.26E-04 | 3.84E-07                         | 7.10E-05          | 2.85E-05         | 0.00E+00          | 0.00E+00                |
| Tennessee                                                                               | Fayette    | 47047 | U                    | 6.26E-05                                                               | 6.26E-05 | 8.33E-05 | 1.59E-04 | 4.29E-04 | 3.37E-04 | 2.04E-03 | 2.04E-03 | 3.79E-04                         | 2.88E-05          | 7.87E-06         | 1.29E-05          | 0.00E+00                |
| Tennessee                                                                               | Fentress   | 47049 | R                    | 2.05E-05                                                               | 2.05E-05 | 2.42E-05 | 3.20E-05 | 3.37E-05 | 4.33E-05 | 5.04E-05 | 5.04E-05 | 0.00E+00                         | 2.19E-05          | 1.18E-05         | 0.00E+00          | 0.00E+00                |
| Tennessee                                                                               | Franklin   | 47051 | R                    | 2.43E-05                                                               | 2.52E-05 | 2.95E-05 | 4.34E-05 | 1.27E-04 | 1.49E-04 | 4.34E-04 | 4.79E-04 | 1.44E-06                         | 1.08E-04          | 1.76E-05         | 1.69E-09          | 0.00E+00                |
| Tennessee                                                                               | Gibson     | 47053 | R                    | 4.28E-05                                                               | 4.41E-05 | 6.22E-05 | 1.43E-04 | 2.14E-04 | 2.37E-04 | 2.77E-04 | 1.15E-03 | 0.00E+00                         | 1.78E-04          | 1.70E-05         | 1.88E-05          | 0.00E+00                |
| Tennessee                                                                               | Giles      | 47055 | R                    | 3.15E-05                                                               | 3.15E-05 | 3.89E-05 | 9.85E-05 | 9.63E-05 | 1.39E-04 | 1.85E-04 | 1.85E-04 | 2.65E-06                         | 6.93E-05          | 1.58E-05         | 8.48E-06          | 0.00E+00                |
| Tennessee                                                                               | Grainger   | 47057 | R                    | 8.83E-05                                                               | 8.83E-05 | 9.25E-05 | 1.26E-04 | 1.45E-04 | 1.97E-04 | 2.38E-04 | 2.38E-04 | 5.86E-06                         | 1.05E-04          | 1.14E-05         | 2.28E-05          | 0.00E+00                |
| Tennessee                                                                               | Greene     | 47059 | R                    | 9.35E-05                                                               | 2.23E-04 | 2.57E-04 | 3.14E-04 | 3.45E-04 | 3.72E-04 | 5.55E-04 | 6.12E-04 | 1.21E-04                         | 1.92E-04          | 2.31E-05         | 8.71E-06          | 0.00E+00                |
| Tennessee                                                                               | Grundy     | 47061 | R                    | 3.44E-05                                                               | 3.44E-05 | 4.18E-05 | 2.55E-04 | 3.36E-04 | 6.29E-04 | 7.97E-04 | 7.97E-04 | 1.42E-04                         | 1.84E-04          | 9.83E-06         | 3.89E-08          | 0.00E+00                |
| Tennessee                                                                               | Hamblen    | 47063 | R                    | 1.84E-04                                                               | 1.89E-04 | 2.03E-04 | 3.20E-04 | 4.09E-04 | 4.36E-04 | 6.22E-04 | 1.39E-03 | 1.90E-05                         | 3.30E-04          | 6.06E-05         | 0.00E+00          | 0.00E+00                |
| Tennessee                                                                               | Hamilton   | 47065 | U                    | 2.74E-03                                                               | 3.24E-03 | 3.96E-03 | 5.10E-03 | 6.39E-03 | 6.38E-03 | 8.10E-03 | 1.17E-02 | 1.73E-03                         | 4.09E-03          | 5.97E-05         | 5.12E-04          | 0.00E+00                |
| Tennessee                                                                               | Hancock    | 47067 | R                    | 3.11E-04                                                               | 3.11E-04 | 3.33E-04 | 4.83E-04 | 5.90E-04 | 8.46E-04 | 1.08E-03 | 1.08E-03 | 6.07E-05                         | 5.18E-04          | 1.06E-05         | 0.00E+00          | 0.00E+00                |
| Tennessee                                                                               | Hardeman   | 47069 | R                    | 2.01E-05                                                               | 2.01E-05 | 4.09E-05 | 7.04E-05 | 6.18E-05 | 7.75E-05 | 9.62E-05 | 9.62E-05 | 1.47E-05                         | 3.51E-05          | 7.19E-06         | 4.78E-06          | 0.00E+00                |
| Tennessee                                                                               | Hardin     | 47071 | R                    | 1.76E-04                                                               | 1.76E-04 | 1.87E-04 | 3.88E-04 | 4.29E-04 | 5.90E-04 | 8.88E-04 | 8.88E-04 | 3.87E-04                         | 2.96E-05          | 1.22E-05         | 0.00E+00          | 0.00E+00                |
| Tennessee                                                                               | Hawkins    | 47073 | U                    | 1.66E-04                                                               | 1.66E-04 | 3.43E-04 | 3.80E-04 | 7.86E-04 | 9.48E-04 | 2.57E-03 | 2.57E-03 | 4.32E-04                         | 3.19E-04          | 1.09E-05         | 2.51E-05          | 0.00E+00                |
| Tennessee                                                                               | Haywood    | 47075 | U                    | 8.96E-05                                                               | 8.96E-05 | 1.82E-04 | 2.38E-04 | 2.57E-04 | 3.46E-04 | 4.30E-04 | 4.30E-04 | 1.21E-04                         | 1.11E-04          | 9.57E-06         | 1.44E-05          | 0.00E+00                |
| Tennessee                                                                               | Henderson  | 47077 | R                    | 1.46E-04                                                               | 1.46E-04 | 1.50E-04 | 2.50E-04 | 6.03E-04 | 1.37E-03 | 1.46E-03 | 1.46E-03 | 6.64E-05                         | 5.24E-04          | 1.08E-05         | 1.71E-06          | 0.00E+00                |
| Tennessee                                                                               | Henry      | 47079 | R                    | 2.71E-05                                                               | 2.78E-05 | 4.96E-05 | 9.12E-05 | 1.25E-04 | 1.58E-04 | 2.88E-04 | 3.48E-04 | 2.03E-06                         | 1.05E-04          | 1.80E-05         | 0.00E+00          | 0.00E+00                |
| Tennessee                                                                               | Hickman    | 47081 | R                    | 2.51E-05                                                               | 2.51E-05 | 2.71E-05 | 3.33E-05 | 4.35E-05 | 6.48E-05 | 6.72E-05 | 6.72E-05 | 5.41E-07                         | 3.37E-05          | 9.21E-06         | 5.57E-09          | 0.00E+00                |
| Tennessee                                                                               | Houston    | 47083 | R                    | 5.01E-05                                                               | 5.01E-05 | 5.01E-05 | 6.72E-05 | 6.57E-05 | 7.98E-05 | 7.98E-05 | 7.98E-05 | 3.17E-06                         | 5.37E-05          | 8.77E-06         | 0.00E+00          | 0.00E+00                |
| Tennessee                                                                               | Humphreys  | 47085 | R                    | 3.73E-05                                                               | 3.73E-05 | 4.38E-05 | 6.54E-05 | 1.14E-04 | 1.33E-04 | 3.42E-04 | 3.42E-04 | 4.35E-06                         | 1.03E-04          | 7.29E-06         | 0.00E+00          | 0.00E+00                |
| Tennessee                                                                               | Jackson    | 47087 | R                    | 2.79E-05                                                               | 2.79E-05 | 3.10E-05 | 3.68E-05 | 4.40E-05 | 5.69E-05 | 7.44E-05 | 7.44E-05 | 0.00E+00                         | 3.11E-05          | 1.28E-05         | 0.00E+00          | 0.00E+00                |
| Tennessee                                                                               | Jefferson  | 47089 | R                    | 8.53E-05                                                               | 8.53E-05 | 1.07E-04 | 1.66E-04 | 1.61E-04 | 1.77E-04 | 2.71E-04 | 2.71E-04 | 5.05E-06                         | 1.13E-04          | 1.29E-05         | 3.04E-05          | 0.00E+00                |
| Tennessee                                                                               | Johnson    | 47091 | R                    | 1.97E-04                                                               | 1.97E-04 | 2.23E-04 | 2.38E-04 | 2.48E-04 | 2.72E-04 | 3.10E-04 | 3.10E-04 | 1.04E-05                         | 2.09E-04          | 1.59E-05         | 1.30E-05          | 0.00E+00                |
| Tennessee                                                                               | Knox       | 47093 | U                    | 6.22E-04                                                               | 7.15E-04 | 8.61E-04 | 1.18E-03 | 1.28E-03 | 1.48E-03 | 1.89E-03 | 2.16E-03 | 6.24E-05                         | 5.29E-04          | 4.14E-05         | 6.43E-04          | 0.00E+00                |
| Tennessee                                                                               | Lake       | 47095 | R                    | 3.36E-05                                                               | 3.36E-05 | 3.36E-05 | 4.56E-05 | 4.56E-05 | 5.76E-05 | 5.76E-05 | 5.76E-05 | 1.93E-06                         | 3.24E-05          | 1.13E-05         | 0.00E+00          | 0.00E+00                |
| Tennessee                                                                               | Lauderdale | 47097 | R                    | 8.37E-05                                                               | 8.37E-05 | 1.14E-04 | 4.55E-04 | 3.58E-04 | 4.78E-04 | 4.81E-04 | 4.81E-04 | 2.31E-04                         | 1.09E-04          | 1.81E-05         | 9.20E-09          | 0.00E+00                |
| Tennessee                                                                               | Lawrence   | 47099 | R                    | 3.04E-05                                                               | 3.04E-05 | 3.58E-05 | 4.59E-05 | 4.72E-05 | 4.83E-05 | 7.29E-05 | 7.29E-05 | 3.58E-06                         | 2.80E-05          | 1.45E-05         | 1.12E-06          | 0.00E+00                |
| Tennessee                                                                               | Lewis      | 47101 | R                    | 2.95E-05                                                               | 2.95E-05 | 2.95E-05 | 3.98E-05 | 3.98E-05 | 5.00E-05 | 5.00E-05 | 5.00E-05 | 0.00E+00                         | 2.87E-05          | 1.11E-05         | 0.00E+00          | 0.00E+00                |
| Tennessee                                                                               | Lincoln    | 47103 | R                    | 2.47E-05                                                               | 2.47E-05 | 2.67E-05 | 4.85E-05 | 5.31E-05 | 6.90E-05 | 1.12E-04 | 1.12E-04 | 7.50E-07                         | 2.60E-05          | 1.36E-05         | 1.28E-05          | 0.00E+00                |
| Tennessee                                                                               | Loudon     | 47105 | U                    | 1.98E-04                                                               | 1.98E-04 | 2.21E-04 | 2.86E-04 | 2.79E-04 | 3.18E-04 | 3.91E-04 | 3.91E-04 | 3.52E-05                         | 1.20E-04          | 3.19E-05         | 9.25E-05          | 0.00E+00                |
| Tennessee                                                                               | McMinn     | 47107 | R                    | 1.00E-04                                                               | 1.00E-04 | 1.11E-04 | 1.37E-04 | 2.28E-04 | 3.06E-04 | 6.19E-04 | 6.19E-04 | 1.01E-04                         | 8.87E-05          | 3.85E-05         | 1.27E-07          | 0.00E+00                |
| Tennessee                                                                               | McNairy    | 47109 | R                    | 6.81E-05                                                               | 6.81E-05 | 1.09E-04 | 1.30E-04 | 1.47E-04 | 1.79E-04 | 2.67E-04 | 2.67E-04 | 1.04E-04                         | 3.04E-05          | 1.02E-05         | 1.46E-06          | 0.00E+00                |
| Tennessee                                                                               | Macon      | 47111 | R                    | 3.27E-05                                                               | 3.27E-05 | 6.02E-05 | 8.32E-05 | 7.23E-05 | 9.15E-05 | 9.38E-05 | 9.38E-05 | 8.53E-06                         | 4.89E-05          | 1.49E-05         | 0.00E+00          | 0.00E+00                |
| Tennessee                                                                               | Madison    | 47113 | U                    | 2.18E-04                                                               | 2.75E-04 | 5.36E-04 | 1.48E-03 | 1.87E-03 | 2.61E-03 | 3.56E-03 | 4.58E-03 | 0.00E+00                         | 1.79E-03          | 1.73E-05         | 6.47E-05          | 0.00E+00                |
| Tennessee                                                                               | Marion     | 47115 | U                    | 4.93E-04                                                               | 4.93E-04 | 4.93E-04 | 8.89E-04 | 8.50E-04 | 1.17E-03 | 1.17E-03 | 1.17E-03 | 2.17E-04                         | 5.75E-04          | 9.32E-06         | 4.91E-05          | 0.00E+00                |
| Tennessee                                                                               | Marshall   | 47117 | R                    | 4.42E-05                                                               | 4.42E-05 | 5.57E-04 | 5.92E-04 | 6.24E-04 | 6.71E-04 | 1.29E-03 | 1.29E-03 | 2.76E-07                         | 5.96E-04          | 2.81E-05         | 5.31E-08          | 0.00E+00                |
| Tennessee                                                                               | Maury      | 47119 | U                    | 4.57E-05                                                               | 4.67E-05 | 2.85E-04 | 3.70E-04 | 3.70E-04 | 4.88E-04 | 6.53E-04 | 6.80E-04 | 5.71E-07                         | 3.36E-04          | 3.38E-05         | 1.98E-08          | 0.00E+00                |
| Tennessee                                                                               | Meigs      | 47121 | R                    | 7.70E-05                                                               | 7.70E-05 | 7.70E-05 | 9.00E-05 | 4.02E-04 | 1.04E-03 | 1.04E-03 | 1.04E-03 | 1.97E-04                         | 1.74E-04          | 1.73E-05         | 1.34E-05          | 0.00E+00                |
| Tennessee                                                                               | Monroe     | 47123 | R                    | 4.80E-05                                                               | 1.11E-04 | 1.11E-04 | 2.01E-04 | 1.68E-04 | 2.20E-04 | 2.28E-04 | 2.28E-04 | 3.97E-05                         | 6.31E-05          | 2.43E-05         | 4.08E-05          | 0.00E+00                |
| Tennessee                                                                               | Montgomery | 47125 | U                    | 5.03E-05                                                               | 5.32E-05 | 1.02E-04 | 1.27E-04 | 1.95E-04 | 2.12E-04 | 3.67E-04 | 4.92E-04 | 9.88E-07                         | 1.77E-04          | 1.66E-05         | 6.46E-09          | 0.00E+00                |
| Tennessee                                                                               | Moore      | 47127 | U                    | 2.72E-05                                                               | 2.72E-05 | 2.72E-05 | 3.59E-05 | 3.59E-05 | 4.45E-05 | 4.45E-05 | 4.45E-05 | 0.00E+00                         | 2.17E-05          | 1.42E-05         | 0.00E+00          | 0.00E+00                |
| Tennessee                                                                               | Morgan     | 47129 | R                    | 5.33E-05                                                               | 5.33E-05 | 5.97E-05 | 1.32E-04 | 1.25E-04 | 1.45E-04 | 2.37E-04 | 2.37E-04 | 4.16E-06                         | 9.33E-05          | 1.41E-05         | 1.38E-05          | 0.00E+00                |
| Tennessee                                                                               | Obion      | 47131 | R                    | 3.51E-05                                                               | 3.59E-05 | 4.35E-05 | 5.79E-05 | 9.80E-05 | 1.62E-04 | 2.35E-04 | 2.40E-04 | 7.89E-07                         | 7.63E-05          | 2.10E-05         | 0.00E+00          | 0.00E+00                |
| Tennessee                                                                               | Overton    | 47133 | R                    | 3.16E-05                                                               | 3.16E-05 | 3.82E-05 | 3.82E-05 | 4.12E-05 | 4.46E-05 | 5.66E-05 | 5.66E-05 | 0.00E+00                         | 2.85E-05          | 1.27E-05         | 0.00E+00          | 0.00E+00                |

| Estimated Annual Average Ambient Concentrations ( $\mu\text{g}/\text{m}^3$ ) for Lead Compounds |                    |            |                      |                                                                        |                 |                 |                 |                 |                 |                 |                 |                                  |                   |                  |                   |                         |
|-------------------------------------------------------------------------------------------------|--------------------|------------|----------------------|------------------------------------------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------------------------|-------------------|------------------|-------------------|-------------------------|
| State                                                                                           | County             | FIPS       | Urban<br>or<br>Rural | Percentile Distribution of Ambient Concentrations Across Census Tracts |                 |                 |                 |                 |                 |                 |                 | Contribution to Average from ... |                   |                  |                   |                         |
|                                                                                                 |                    |            |                      | 5th                                                                    | 10th            | 25th            | Median          | Average         | 75th            | 90th            | 95th            | Major                            | Area and<br>Other | Onroad<br>Mobile | Nonroad<br>Mobile | Estimated<br>Background |
| Tennessee                                                                                       | Perry              | 47135      | R                    | 4.16E-05                                                               | 4.16E-05        | 4.16E-05        | 8.28E-05        | 8.28E-05        | 1.24E-04        | 1.24E-04        | 1.24E-04        | 4.47E-05                         | 3.33E-05          | 4.71E-06         | 0.00E+00          | 0.00E+00                |
| Tennessee                                                                                       | Pickett            | 47137      | R                    | 1.64E-05                                                               | 1.64E-05        | 1.88E-05        | 2.31E-05        | 2.24E-05        | 2.60E-05        | 2.72E-05        | 2.72E-05        | 3.10E-07                         | 1.47E-05          | 7.46E-06         | 0.00E+00          | 0.00E+00                |
| Tennessee                                                                                       | Polk               | 47139      | R                    | 3.74E-05                                                               | 3.74E-05        | 4.71E-05        | 6.79E-05        | 1.64E-04        | 2.80E-04        | 4.81E-04        | 4.81E-04        | 4.17E-05                         | 9.30E-05          | 1.46E-05         | 1.44E-05          | 0.00E+00                |
| Tennessee                                                                                       | Putnam             | 47141      | U                    | 4.42E-05                                                               | 5.25E-05        | 6.50E-05        | 1.07E-04        | 2.51E-04        | 4.70E-04        | 5.80E-04        | 7.00E-04        | 0.00E+00                         | 2.08E-04          | 4.30E-05         | 0.00E+00          | 0.00E+00                |
| Tennessee                                                                                       | Rhea               | 47143      | R                    | 9.04E-05                                                               | 9.04E-05        | 1.15E-04        | 4.03E-04        | 4.30E-04        | 6.53E-04        | 8.88E-04        | 8.88E-04        | 2.68E-04                         | 1.38E-04          | 2.39E-05         | 4.19E-07          | 0.00E+00                |
| Tennessee                                                                                       | Roane              | 47145      | R                    | 1.46E-04                                                               | 2.02E-04        | 3.19E-04        | 3.61E-04        | 4.46E-04        | 5.55E-04        | 7.95E-04        | 8.16E-04        | 1.64E-05                         | 3.62E-04          | 3.46E-05         | 3.40E-05          | 0.00E+00                |
| Tennessee                                                                                       | Robertson          | 47147      | U                    | 3.90E-05                                                               | 1.80E-04        | 5.75E-04        | 6.78E-04        | 6.49E-04        | 8.61E-04        | 9.15E-04        | 1.16E-03        | 6.62E-05                         | 1.96E-04          | 1.46E-05         | 3.72E-04          | 0.00E+00                |
| Tennessee                                                                                       | Rutherford         | 47149      | U                    | 1.12E-03                                                               | 1.46E-03        | 1.68E-03        | 1.97E-03        | 2.04E-03        | 2.24E-03        | 2.78E-03        | 3.33E-03        | 4.18E-05                         | 1.48E-03          | 3.07E-05         | 4.88E-04          | 0.00E+00                |
| Tennessee                                                                                       | Scott              | 47151      | R                    | 5.56E-05                                                               | 5.56E-05        | 5.94E-05        | 6.09E-05        | 8.00E-05        | 1.10E-04        | 1.14E-04        | 1.14E-04        | 5.95E-07                         | 6.65E-05          | 1.29E-05         | 0.00E+00          | 0.00E+00                |
| Tennessee                                                                                       | Sequatchie         | 47153      | R                    | 1.07E-03                                                               | 1.07E-03        | 1.07E-03        | 1.78E-03        | 1.78E-03        | 2.50E-03        | 2.50E-03        | 2.50E-03        | 7.79E-04                         | 9.36E-04          | 1.37E-05         | 5.50E-05          | 0.00E+00                |
| Tennessee                                                                                       | Sevier             | 47155      | U                    | 5.97E-05                                                               | 1.42E-04        | 1.85E-04        | 2.81E-04        | 3.02E-04        | 3.51E-04        | 5.66E-04        | 6.41E-04        | 2.38E-05                         | 9.39E-05          | 1.25E-05         | 1.72E-04          | 0.00E+00                |
| Tennessee                                                                                       | Shelby             | 47157      | U                    | 7.37E-04                                                               | 9.35E-04        | 1.78E-03        | 3.38E-03        | 4.07E-03        | 4.87E-03        | 9.00E-03        | 1.32E-02        | 5.52E-04                         | 2.21E-03          | 4.81E-05         | 1.26E-03          | 0.00E+00                |
| Tennessee                                                                                       | Smith              | 47159      | R                    | 3.56E-05                                                               | 3.56E-05        | 6.17E-05        | 6.93E-05        | 6.97E-05        | 7.54E-05        | 1.06E-04        | 1.06E-04        | 7.28E-06                         | 4.69E-05          | 1.55E-05         | 0.00E+00          | 0.00E+00                |
| Tennessee                                                                                       | Stewart            | 47161      | R                    | 3.80E-05                                                               | 3.80E-05        | 4.06E-05        | 4.68E-05        | 6.80E-05        | 1.06E-04        | 1.29E-04        | 1.29E-04        | 2.71E-06                         | 5.84E-05          | 6.86E-06         | 0.00E+00          | 0.00E+00                |
| Tennessee                                                                                       | Sullivan           | 47163      | U                    | 8.22E-04                                                               | 1.24E-03        | 2.00E-03        | 5.80E-03        | 1.44E-02        | 1.77E-02        | 3.81E-02        | 7.78E-02        | 9.12E-03                         | 4.65E-03          | 2.41E-05         | 6.19E-04          | 0.00E+00                |
| Tennessee                                                                                       | Sumner             | 47165      | U                    | 3.62E-04                                                               | 6.11E-04        | 1.06E-03        | 1.75E-03        | 1.76E-03        | 2.41E-03        | 3.13E-03        | 3.61E-03        | 1.03E-04                         | 9.72E-04          | 2.68E-05         | 6.61E-04          | 0.00E+00                |
| Tennessee                                                                                       | Tipton             | 47167      | U                    | 4.53E-04                                                               | 4.58E-04        | 4.96E-04        | 7.39E-04        | 7.99E-04        | 9.87E-04        | 1.34E-03        | 1.46E-03        | 5.42E-04                         | 1.99E-04          | 1.37E-05         | 4.45E-05          | 0.00E+00                |
| Tennessee                                                                                       | Trousdale          | 47169      | R                    | 1.36E-04                                                               | 1.36E-04        | 1.36E-04        | 1.40E-04        | 1.98E-04        | 3.18E-04        | 3.18E-04        | 3.18E-04        | 1.34E-05                         | 1.66E-04          | 1.84E-05         | 1.67E-08          | 0.00E+00                |
| Tennessee                                                                                       | Unicoi             | 47171      | U                    | 1.45E-04                                                               | 1.45E-04        | 1.31E-03        | 2.47E-03        | 2.02E-03        | 2.73E-03        | 2.97E-03        | 2.97E-03        | 1.49E-03                         | 2.85E-04          | 1.72E-05         | 2.24E-04          | 0.00E+00                |
| Tennessee                                                                                       | Union              | 47173      | U                    | 1.29E-04                                                               | 1.29E-04        | 1.53E-04        | 2.00E-04        | 2.65E-04        | 3.76E-04        | 5.30E-04        | 5.30E-04        | 1.97E-06                         | 1.87E-04          | 1.32E-05         | 6.26E-05          | 0.00E+00                |
| Tennessee                                                                                       | Van Buren          | 47175      | R                    | 2.50E-05                                                               | 2.50E-05        | 2.50E-05        | 3.20E-05        | 3.02E-05        | 3.37E-05        | 3.37E-05        | 3.37E-05        | 4.27E-06                         | 1.76E-05          | 8.32E-06         | 1.53E-08          | 0.00E+00                |
| Tennessee                                                                                       | Warren             | 47177      | R                    | 5.98E-05                                                               | 5.98E-05        | 7.11E-05        | 8.96E-05        | 1.25E-04        | 1.63E-04        | 2.96E-04        | 2.96E-04        | 1.20E-05                         | 8.28E-05          | 3.04E-05         | 0.00E+00          | 0.00E+00                |
| Tennessee                                                                                       | Washington         | 47179      | U                    | 9.54E-04                                                               | 2.07E-03        | 4.04E-03        | 4.62E-03        | 4.52E-03        | 4.97E-03        | 6.04E-03        | 8.68E-03        | 3.13E-03                         | 6.13E-04          | 2.71E-05         | 7.45E-04          | 0.00E+00                |
| Tennessee                                                                                       | Wayne              | 47181      | R                    | 7.72E-05                                                               | 7.72E-05        | 8.77E-05        | 1.06E-04        | 1.02E-04        | 1.16E-04        | 1.18E-04        | 1.18E-04        | 6.33E-05                         | 2.96E-05          | 6.43E-06         | 2.32E-06          | 0.00E+00                |
| Tennessee                                                                                       | Weakley            | 47183      | R                    | 2.99E-05                                                               | 2.99E-05        | 3.32E-05        | 3.80E-05        | 5.24E-05        | 6.38E-05        | 1.20E-04        | 1.20E-04        | 6.18E-08                         | 3.80E-05          | 1.44E-05         | 0.00E+00          | 0.00E+00                |
| Tennessee                                                                                       | White              | 47185      | R                    | 4.35E-05                                                               | 4.35E-05        | 4.57E-05        | 7.08E-05        | 1.23E-04        | 1.17E-04        | 3.90E-04        | 3.90E-04        | 1.01E-06                         | 1.03E-04          | 1.88E-05         | 0.00E+00          | 0.00E+00                |
| Tennessee                                                                                       | Williamson         | 47187      | U                    | 9.14E-04                                                               | 1.24E-03        | 1.92E-03        | 2.30E-03        | 2.49E-03        | 2.93E-03        | 3.47E-03        | 5.33E-03        | 1.04E-04                         | 1.55E-03          | 2.22E-05         | 8.07E-04          | 0.00E+00                |
| Tennessee                                                                                       | Wilson             | 47189      | U                    | 2.66E-04                                                               | 3.69E-04        | 6.34E-04        | 8.67E-04        | 1.07E-03        | 1.49E-03        | 1.82E-03        | 2.31E-03        | 6.16E-05                         | 4.23E-04          | 2.07E-05         | 5.61E-04          | 0.00E+00                |
| <b>Texas</b>                                                                                    | <b>Statewide</b>   | <b>N/A</b> | <b>N/A</b>           | <b>1.21E-05</b>                                                        | <b>4.49E-05</b> | <b>2.19E-04</b> | <b>1.43E-03</b> | <b>4.30E-03</b> | <b>5.55E-03</b> | <b>1.16E-02</b> | <b>1.57E-02</b> | <b>2.18E-04</b>                  | <b>1.79E-03</b>   | <b>3.92E-05</b>  | <b>2.26E-03</b>   | <b>0.00E+00</b>         |
| Texas                                                                                           | All Urban Counties | N/A        | U                    | 5.27E-05                                                               | 1.27E-04        | 3.85E-04        | 2.16E-03        | 4.95E-03        | 6.41E-03        | 1.25E-02        | 1.70E-02        | 2.46E-04                         | 2.05E-03          | 4.39E-05         | 2.61E-03          | 0.00E+00                |
| Texas                                                                                           | All Rural Counties | N/A        | R                    | 1.58E-06                                                               | 3.97E-06        | 1.47E-05        | 5.09E-05        | 1.54E-04        | 1.73E-04        | 4.26E-04        | 6.18E-04        | 3.89E-05                         | 9.60E-05          | 9.37E-06         | 1.01E-05          | 0.00E+00                |
| Texas                                                                                           | Anderson           | 48001      | R                    | 2.50E-05                                                               | 2.65E-05        | 2.84E-05        | 1.02E-04        | 8.84E-05        | 1.06E-04        | 1.70E-04        | 2.08E-04        | 7.62E-06                         | 5.61E-05          | 2.46E-05         | 1.26E-09          | 0.00E+00                |
| Texas                                                                                           | Andrews            | 48003      | U                    | 3.43E-06                                                               | 3.43E-06        | 3.88E-05        | 7.65E-05        | 5.91E-05        | 7.95E-05        | 8.01E-05        | 8.01E-05        | 0.00E+00                         | 3.32E-05          | 7.75E-06         | 1.81E-05          | 0.00E+00                |
| Texas                                                                                           | Angelina           | 48005      | U                    | 1.76E-04                                                               | 2.51E-04        | 3.71E-04        | 5.72E-04        | 5.76E-04        | 7.87E-04        | 8.35E-04        | 9.49E-04        | 2.77E-04                         | 2.56E-04          | 4.28E-05         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Aransas            | 48007      | R                    | 5.57E-05                                                               | 5.57E-05        | 5.98E-05        | 9.65E-05        | 1.18E-04        | 1.81E-04        | 1.96E-04        | 1.96E-04        | 1.27E-05                         | 5.23E-05          | 2.14E-05         | 3.15E-05          | 0.00E+00                |
| Texas                                                                                           | Archer             | 48009      | R                    | 3.78E-05                                                               | 3.78E-05        | 3.78E-05        | 5.54E-05        | 6.84E-05        | 1.12E-04        | 1.12E-04        | 1.12E-04        | 6.51E-07                         | 1.35E-05          | 3.11E-06         | 5.11E-05          | 0.00E+00                |
| Texas                                                                                           | Armstrong          | 48011      | R                    | 7.57E-05                                                               | 7.57E-05        | 7.57E-05        | 9.49E-05        | 9.49E-05        | 1.14E-04        | 1.14E-04        | 1.14E-04        | 2.03E-06                         | 4.02E-05          | 1.59E-06         | 5.11E-05          | 0.00E+00                |
| Texas                                                                                           | Atascosa           | 48013      | U                    | 2.46E-05                                                               | 2.46E-05        | 5.83E-04        | 8.77E-04        | 7.65E-04        | 1.10E-03        | 1.14E-03        | 1.14E-03        | 1.77E-05                         | 7.08E-04          | 1.43E-05         | 2.49E-05          | 0.00E+00                |
| Texas                                                                                           | Austin             | 48015      | R                    | 1.70E-05                                                               | 1.70E-05        | 2.18E-05        | 3.89E-05        | 4.03E-05        | 5.99E-05        | 6.42E-05        | 6.42E-05        | 2.12E-06                         | 2.82E-05          | 9.84E-06         | 1.63E-07          | 0.00E+00                |
| Texas                                                                                           | Bailey             | 48017      | U                    | 2.72E-05                                                               | 2.72E-05        | 2.72E-05        | 3.36E-05        | 3.36E-05        | 4.00E-05        | 4.00E-05        | 4.00E-05        | 2.67E-05                         | 3.29E-06          | 1.26E-06         | 2.31E-06          | 0.00E+00                |
| Texas                                                                                           | Bandera            | 48019      | R                    | 1.62E-05                                                               | 1.62E-05        | 4.45E-05        | 4.40E-04        | 4.27E-04        | 8.10E-04        | 8.11E-04        | 8.11E-04        | 8.67E-08                         | 3.58E-04          | 9.12E-06         | 6.01E-05          | 0.00E+00                |
| Texas                                                                                           | Bastrop            | 48021      | U                    | 1.97E-05                                                               | 1.97E-05        | 1.21E-04        | 2.23E-04        | 2.40E-04        | 3.82E-04        | 4.47E-04        | 4.47E-04        | 3.27E-06                         | 3.48E-05          | 1.40E-05         | 1.88E-04          | 0.00E+00                |
| Texas                                                                                           | Baylor             | 48023      | U                    | 1.91E-05                                                               | 1.91E-05        | 1.91E-05        | 1.91E-05        | 1.91E-05        | 1.91E-05        | 1.91E-05        | 1.91E-05        | 0.00E+00                         | 1.70E-05          | 2.06E-06         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Bee                | 48025      | R                    | 1.39E-05                                                               | 1.39E-05        | 8.74E-05        | 1.57E-04        | 1.52E-04        | 1.73E-04        | 3.26E-04        | 3.26E-04        | 3.87E-05                         | 8.69E-05          | 2.65E-05         | 2.89E-07          | 0.00E+00                |
| Texas                                                                                           | Bell               | 48027      | U                    | 1.56E-04                                                               | 2.17E-04        | 2.76E-04        | 4.38E-04        | 8.86E-04        | 6.74E-04        | 2.74E-03        | 3.32E-03        | 1.71E-07                         | 2.90E-04          | 1.79E-05         | 5.78E-04          | 0.00E+00                |
| Texas                                                                                           | Bexar              | 48029      | U                    | 5.91E-04                                                               | 8.99E-04        | 1.51E-03        | 1.96E-03        | 2.44E-03        | 2.51E-03        | 3.95E-03        | 4.63E-03        | 2.21E-05                         | 1.34E-03          | 5.81E-05         | 1.02E-03          | 0.00E+00                |
| Texas                                                                                           | Blanco             | 48031      | R                    | 7.87E-06                                                               | 7.87E-06        | 7.87E-06        | 2.55E-05        | 2.55E-05        | 4.32E-05        | 4.32E-05        | 4.32E-05        | 0.00E+00                         | 2.22E-05          | 3.29E-06         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Borden             | 48033      | R                    | 2.08E-06                                                               | 2.08E-06        | 2.08E-06        | 2.08E-06        | 2.08E-06        | 2.08E-06        | 2.08E-06        | 2.08E-06        | 0.00E+00                         | 1.51E-06          | 5.67E-07         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Bosque             | 48035      | R                    | 8.21E-06                                                               | 8.21E-06        | 1.21E-05        | 1.81E-05        | 2.12E-05        | 2.14E-05        | 5.26E-05        | 5.26E-05        | 2.33E-07                         | 1.43E-05          | 6.26E-06         | 3.69E-07          | 0.00E+00                |
| Texas                                                                                           | Bowie              | 48037      | U                    | 4.58E-04                                                               | 7.83E-04        | 9.51E-04        | 1.28E-03        | 1.46E-03        | 2.05E-03        | 2.32E-03        | 2.35E-03        | 5.58E-04                         | 2.32E-04          | 7.95E-06         | 6.66E-04          | 0.00E+00                |

| Estimated Annual Average Ambient Concentrations ( $\mu\text{g}/\text{m}^3$ ) for Lead Compounds |               |       |                      |                                                                        |          |          |          |          |          |          |          |                                  |                   |                  |                   |                         |
|-------------------------------------------------------------------------------------------------|---------------|-------|----------------------|------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------------------------------|-------------------|------------------|-------------------|-------------------------|
| State                                                                                           | County        | FIPS  | Urban<br>or<br>Rural | Percentile Distribution of Ambient Concentrations Across Census Tracts |          |          |          |          |          |          |          | Contribution to Average from ... |                   |                  |                   |                         |
|                                                                                                 |               |       |                      | 5th                                                                    | 10th     | 25th     | Median   | Average  | 75th     | 90th     | 95th     | Major                            | Area and<br>Other | Onroad<br>Mobile | Nonroad<br>Mobile | Estimated<br>Background |
| Texas                                                                                           | Brazoria      | 48039 | U                    | 4.23E-04                                                               | 4.46E-04 | 6.06E-04 | 9.71E-04 | 3.39E-03 | 2.32E-03 | 4.12E-03 | 4.73E-03 | 1.76E-04                         | 2.87E-03          | 1.70E-05         | 3.31E-04          | 0.00E+00                |
| Texas                                                                                           | Brazos        | 48041 | U                    | 9.61E-05                                                               | 9.65E-05 | 1.49E-04 | 2.37E-04 | 3.06E-04 | 3.02E-04 | 4.52E-04 | 9.05E-04 | 3.72E-06                         | 2.67E-04          | 2.87E-05         | 6.15E-06          | 0.00E+00                |
| Texas                                                                                           | Brewster      | 48043 | U                    | 5.67E-07                                                               | 5.67E-07 | 8.01E-07 | 1.27E-04 | 1.27E-04 | 2.53E-04 | 2.53E-04 | 2.53E-04 | 0.00E+00                         | 1.16E-04          | 1.12E-05         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Briscoe       | 48045 | R                    | 4.98E-07                                                               | 4.98E-07 | 4.98E-07 | 8.82E-07 | 8.82E-07 | 1.27E-06 | 1.27E-06 | 1.27E-06 | 0.00E+00                         | 4.10E-07          | 4.72E-07         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Brooks        | 48047 | U                    | 7.01E-06                                                               | 7.01E-06 | 7.01E-06 | 5.75E-05 | 5.75E-05 | 1.08E-04 | 1.08E-04 | 1.08E-04 | 0.00E+00                         | 4.92E-05          | 8.33E-06         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Brown         | 48049 | U                    | 1.41E-05                                                               | 3.08E-05 | 6.90E-05 | 1.76E-04 | 1.44E-04 | 1.94E-04 | 2.06E-04 | 2.11E-04 | 0.00E+00                         | 6.67E-05          | 1.61E-05         | 6.14E-05          | 0.00E+00                |
| Texas                                                                                           | Burleson      | 48051 | R                    | 1.11E-04                                                               | 1.11E-04 | 1.89E-04 | 2.08E-04 | 1.10E-03 | 4.26E-04 | 4.54E-03 | 4.54E-03 | 7.53E-07                         | 1.09E-03          | 8.07E-06         | 2.78E-07          | 0.00E+00                |
| Texas                                                                                           | Burnet        | 48053 | R                    | 8.81E-06                                                               | 8.81E-06 | 1.22E-05 | 2.06E-05 | 2.18E-05 | 3.08E-05 | 3.85E-05 | 3.85E-05 | 5.42E-08                         | 1.36E-05          | 7.56E-06         | 6.07E-07          | 0.00E+00                |
| Texas                                                                                           | Caldwell      | 48055 | U                    | 2.81E-05                                                               | 2.81E-05 | 5.35E-05 | 2.92E-04 | 1.98E-04 | 3.15E-04 | 3.24E-04 | 3.24E-04 | 0.00E+00                         | 5.56E-05          | 2.35E-05         | 1.19E-04          | 0.00E+00                |
| Texas                                                                                           | Calhoun       | 48057 | U                    | 7.59E-06                                                               | 7.59E-06 | 1.40E-05 | 4.62E-05 | 2.07E-04 | 8.73E-05 | 1.04E-03 | 1.04E-03 | 0.00E+00                         | 1.94E-04          | 9.27E-06         | 3.83E-06          | 0.00E+00                |
| Texas                                                                                           | Callahan      | 48059 | R                    | 2.72E-05                                                               | 2.72E-05 | 2.72E-05 | 8.40E-05 | 8.40E-05 | 1.41E-04 | 1.41E-04 | 1.41E-04 | 0.00E+00                         | 6.84E-06          | 2.79E-06         | 7.44E-05          | 0.00E+00                |
| Texas                                                                                           | Cameron       | 48061 | U                    | 7.18E-05                                                               | 1.13E-04 | 1.98E-04 | 2.82E-04 | 4.54E-04 | 4.54E-04 | 7.96E-04 | 1.11E-03 | 0.00E+00                         | 1.17E-04          | 1.33E-05         | 3.24E-04          | 0.00E+00                |
| Texas                                                                                           | Camp          | 48063 | R                    | 3.03E-04                                                               | 3.03E-04 | 3.03E-04 | 3.04E-04 | 3.04E-04 | 3.04E-04 | 3.04E-04 | 3.04E-04 | 1.46E-05                         | 2.69E-04          | 1.96E-05         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Carson        | 48065 | R                    | 7.83E-05                                                               | 7.83E-05 | 7.83E-05 | 1.70E-04 | 1.70E-04 | 2.63E-04 | 2.63E-04 | 2.63E-04 | 7.39E-05                         | 6.46E-05          | 2.60E-06         | 2.94E-05          | 0.00E+00                |
| Texas                                                                                           | Cass          | 48067 | R                    | 1.85E-04                                                               | 1.85E-04 | 1.90E-04 | 4.54E-04 | 3.60E-04 | 4.69E-04 | 5.42E-04 | 5.42E-04 | 6.64E-05                         | 2.77E-04          | 1.13E-05         | 4.77E-06          | 0.00E+00                |
| Texas                                                                                           | Castro        | 48069 | R                    | 4.15E-06                                                               | 4.15E-06 | 4.15E-06 | 2.48E-05 | 2.17E-05 | 3.61E-05 | 3.61E-05 | 3.61E-05 | 1.31E-05                         | 6.44E-06          | 2.14E-06         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Chambers      | 48071 | U                    | 3.44E-04                                                               | 3.44E-04 | 3.60E-04 | 8.35E-04 | 9.39E-04 | 1.46E-03 | 1.80E-03 | 1.80E-03 | 1.18E-04                         | 6.01E-04          | 8.19E-06         | 2.11E-04          | 0.00E+00                |
| Texas                                                                                           | Cherokee      | 48073 | R                    | 3.59E-05                                                               | 5.43E-05 | 6.44E-05 | 1.13E-04 | 1.32E-04 | 1.69E-04 | 1.91E-04 | 3.51E-04 | 2.82E-05                         | 8.27E-05          | 2.15E-05         | 5.02E-09          | 0.00E+00                |
| Texas                                                                                           | Childress     | 48075 | U                    | 1.69E-05                                                               | 1.69E-05 | 1.69E-05 | 4.81E-05 | 4.81E-05 | 7.93E-05 | 7.93E-05 | 7.93E-05 | 0.00E+00                         | 4.04E-05          | 7.69E-06         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Clay          | 48077 | R                    | 2.42E-05                                                               | 2.42E-05 | 2.55E-05 | 3.47E-05 | 4.81E-05 | 7.08E-05 | 9.88E-05 | 9.88E-05 | 2.77E-07                         | 4.67E-06          | 2.45E-06         | 4.07E-05          | 0.00E+00                |
| Texas                                                                                           | Cochran       | 48079 | R                    | 1.58E-06                                                               | 1.58E-06 | 1.58E-06 | 2.11E-06 | 2.11E-06 | 2.63E-06 | 2.63E-06 | 2.63E-06 | 0.00E+00                         | 1.04E-06          | 1.07E-06         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Coke          | 48081 | R                    | 3.15E-06                                                               | 3.15E-06 | 3.15E-06 | 7.97E-06 | 7.97E-06 | 1.28E-05 | 1.28E-05 | 1.28E-05 | 0.00E+00                         | 6.73E-06          | 1.24E-06         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Coleman       | 48083 | U                    | 3.35E-06                                                               | 3.35E-06 | 3.55E-06 | 1.00E-05 | 1.37E-05 | 1.81E-05 | 3.35E-05 | 3.35E-05 | 0.00E+00                         | 7.25E-06          | 2.55E-06         | 3.90E-06          | 0.00E+00                |
| Texas                                                                                           | Collin        | 48085 | U                    | 1.35E-03                                                               | 2.06E-03 | 4.41E-03 | 8.67E-03 | 8.75E-03 | 1.17E-02 | 1.54E-02 | 1.89E-02 | 1.49E-05                         | 7.36E-03          | 5.17E-05         | 1.32E-03          | 0.00E+00                |
| Texas                                                                                           | Collingsworth | 48087 | R                    | 2.69E-06                                                               | 2.69E-06 | 2.69E-06 | 6.48E-06 | 6.48E-06 | 1.03E-05 | 1.03E-05 | 1.03E-05 | 0.00E+00                         | 3.75E-06          | 2.73E-06         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Colorado      | 48089 | R                    | 1.52E-05                                                               | 1.52E-05 | 1.62E-05 | 1.82E-05 | 1.82E-05 | 1.82E-05 | 2.34E-05 | 2.34E-05 | 2.23E-06                         | 1.09E-05          | 5.09E-06         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Comal         | 48091 | U                    | 1.20E-04                                                               | 1.47E-04 | 1.65E-04 | 1.81E-04 | 2.13E-04 | 2.58E-04 | 3.10E-04 | 3.94E-04 | 4.05E-06                         | 1.32E-04          | 1.56E-05         | 6.05E-05          | 0.00E+00                |
| Texas                                                                                           | Comanche      | 48093 | R                    | 5.11E-06                                                               | 5.11E-06 | 6.56E-06 | 1.11E-05 | 1.38E-05 | 2.11E-05 | 2.50E-05 | 2.50E-05 | 0.00E+00                         | 8.52E-06          | 4.04E-06         | 1.21E-06          | 0.00E+00                |
| Texas                                                                                           | Concho        | 48095 | R                    | 1.40E-06                                                               | 1.40E-06 | 1.40E-06 | 4.01E-06 | 4.01E-06 | 6.61E-06 | 6.61E-06 | 6.61E-06 | 0.00E+00                         | 3.12E-06          | 8.20E-07         | 6.85E-08          | 0.00E+00                |
| Texas                                                                                           | Cooke         | 48097 | R                    | 1.23E-05                                                               | 1.23E-05 | 2.75E-05 | 1.19E-04 | 1.17E-04 | 1.64E-04 | 2.22E-04 | 2.22E-04 | 5.85E-07                         | 9.71E-05          | 1.97E-05         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Coryell       | 48099 | U                    | 1.04E-04                                                               | 1.24E-04 | 1.25E-04 | 2.12E-04 | 2.26E-04 | 2.88E-04 | 3.91E-04 | 4.38E-04 | 1.14E-08                         | 7.44E-05          | 9.99E-06         | 1.42E-04          | 0.00E+00                |
| Texas                                                                                           | Cottle        | 48101 | R                    | 1.46E-06                                                               | 1.46E-06 | 1.46E-06 | 1.46E-06 | 1.46E-06 | 1.46E-06 | 1.46E-06 | 1.46E-06 | 0.00E+00                         | 9.89E-07          | 4.74E-07         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Crane         | 48103 | U                    | 1.68E-05                                                               | 1.68E-05 | 1.68E-05 | 1.68E-05 | 1.68E-05 | 1.68E-05 | 1.68E-05 | 1.68E-05 | 5.38E-06                         | 8.31E-06          | 3.12E-06         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Crockett      | 48105 | R                    | 1.38E-06                                                               | 1.38E-06 | 1.38E-06 | 1.38E-06 | 1.38E-06 | 1.38E-06 | 1.38E-06 | 1.38E-06 | 0.00E+00                         | 1.03E-06          | 3.51E-07         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Crosby        | 48107 | R                    | 7.18E-06                                                               | 7.18E-06 | 7.18E-06 | 1.46E-04 | 1.39E-04 | 2.64E-04 | 2.64E-04 | 2.64E-04 | 0.00E+00                         | 1.14E-05          | 2.75E-06         | 1.25E-04          | 0.00E+00                |
| Texas                                                                                           | Culberson     | 48109 | U                    | 2.12E-07                                                               | 2.12E-07 | 2.12E-07 | 1.01E-06 | 1.01E-06 | 1.80E-06 | 1.80E-06 | 1.80E-06 | 0.00E+00                         | 4.52E-07          | 5.55E-07         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Dallam        | 48111 | U                    | 2.42E-06                                                               | 2.42E-06 | 2.42E-06 | 3.84E-06 | 3.10E-05 | 8.66E-05 | 8.66E-05 | 8.66E-05 | 0.00E+00                         | 2.69E-05          | 4.05E-06         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Dallas        | 48113 | U                    | 3.63E-03                                                               | 4.16E-03 | 5.16E-03 | 6.97E-03 | 9.81E-03 | 1.01E-02 | 1.83E-02 | 2.96E-02 | 2.28E-04                         | 2.11E-03          | 8.14E-05         | 7.39E-03          | 0.00E+00                |
| Texas                                                                                           | Dawson        | 48115 | U                    | 2.24E-06                                                               | 2.24E-06 | 2.60E-06 | 3.46E-06 | 1.57E-05 | 2.17E-05 | 6.08E-05 | 6.08E-05 | 0.00E+00                         | 1.16E-05          | 4.12E-06         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Deaf Smith    | 48117 | U                    | 2.44E-06                                                               | 2.44E-06 | 7.97E-06 | 1.07E-04 | 8.65E-05 | 1.17E-04 | 1.99E-04 | 1.99E-04 | 0.00E+00                         | 6.98E-05          | 1.67E-05         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Delta         | 48119 | R                    | 7.05E-05                                                               | 7.05E-05 | 7.05E-05 | 7.43E-05 | 7.43E-05 | 7.81E-05 | 7.81E-05 | 7.81E-05 | 0.00E+00                         | 6.35E-05          | 1.08E-05         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Denton        | 48121 | U                    | 3.80E-03                                                               | 4.10E-03 | 5.07E-03 | 6.63E-03 | 9.00E-03 | 1.16E-02 | 1.84E-02 | 2.04E-02 | 4.91E-05                         | 1.41E-03          | 5.06E-05         | 7.49E-03          | 0.00E+00                |
| Texas                                                                                           | DeWitt        | 48123 | R                    | 1.47E-05                                                               | 1.47E-05 | 1.81E-05 | 3.76E-05 | 3.41E-05 | 5.00E-05 | 5.02E-05 | 5.02E-05 | 1.07E-05                         | 1.05E-05          | 5.33E-06         | 7.50E-06          | 0.00E+00                |
| Texas                                                                                           | Dickens       | 48125 | R                    | 8.37E-07                                                               | 8.37E-07 | 8.37E-07 | 8.66E-07 | 8.66E-07 | 8.95E-07 | 8.95E-07 | 8.95E-07 | 0.00E+00                         | 3.76E-07          | 4.90E-07         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Dimmit        | 48127 | U                    | 2.84E-06                                                               | 2.84E-06 | 2.84E-06 | 2.88E-06 | 3.49E-06 | 4.76E-06 | 4.76E-06 | 4.76E-06 | 0.00E+00                         | 1.24E-06          | 2.25E-06         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Donley        | 48129 | R                    | 1.30E-06                                                               | 1.30E-06 | 1.30E-06 | 7.19E-06 | 6.30E-06 | 1.04E-05 | 1.04E-05 | 1.04E-05 | 2.37E-06                         | 1.89E-06          | 2.04E-06         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Duval         | 48131 | U                    | 2.00E-06                                                               | 2.00E-06 | 3.09E-06 | 4.41E-06 | 6.98E-06 | 1.09E-05 | 1.71E-05 | 1.71E-05 | 0.00E+00                         | 3.77E-06          | 3.21E-06         | 3.26E-09          | 0.00E+00                |
| Texas                                                                                           | Eastland      | 48133 | U                    | 9.40E-06                                                               | 9.40E-06 | 9.68E-06 | 1.06E-05 | 2.52E-05 | 1.23E-05 | 8.40E-05 | 8.40E-05 | 0.00E+00                         | 8.75E-06          | 3.69E-06         | 1.27E-05          | 0.00E+00                |
| Texas                                                                                           | Ector         | 48135 | U                    | 2.84E-04                                                               | 2.92E-04 | 4.50E-04 | 5.43E-04 | 5.72E-04 | 6.86E-04 | 8.83E-04 | 1.05E-03 | 1.71E-04                         | 1.15E-04          | 2.15E-05         | 2.65E-04          | 0.00E+00                |
| Texas                                                                                           | Edwards       | 48137 | R                    | 1.45E-05                                                               | 1.45E-05 | 1.45E-05 | 2.07E-05 | 2.07E-05 | 2.69E-05 | 2.69E-05 | 2.69E-05 | 0.00E+00                         | 2.01E-05          | 5.87E-07         | 0.00E+00          | 0.00E+00                |

| Estimated Annual Average Ambient Concentrations (µg/m <sup>3</sup> ) for Lead Compounds |            |       |                      |                                                                        |          |          |          |          |          |          |          |                                  |                   |                  |                   |                         |
|-----------------------------------------------------------------------------------------|------------|-------|----------------------|------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------------------------------|-------------------|------------------|-------------------|-------------------------|
| State                                                                                   | County     | FIPS  | Urban<br>or<br>Rural | Percentile Distribution of Ambient Concentrations Across Census Tracts |          |          |          |          |          |          |          | Contribution to Average from ... |                   |                  |                   |                         |
|                                                                                         |            |       |                      | 5th                                                                    | 10th     | 25th     | Median   | Average  | 75th     | 90th     | 95th     | Major                            | Area and<br>Other | Onroad<br>Mobile | Nonroad<br>Mobile | Estimated<br>Background |
| Texas                                                                                   | Ellis      | 48139 | U                    | 1.16E-04                                                               | 1.46E-04 | 2.58E-04 | 5.61E-04 | 1.09E-03 | 9.10E-04 | 3.29E-03 | 4.00E-03 | 1.50E-04                         | 2.92E-04          | 1.94E-05         | 6.27E-04          | 0.00E+00                |
| Texas                                                                                   | El Paso    | 48141 | U                    | 1.65E-03                                                               | 2.37E-03 | 3.50E-03 | 6.84E-03 | 9.22E-03 | 1.06E-02 | 1.79E-02 | 2.24E-02 | 3.92E-05                         | 6.39E-03          | 3.81E-05         | 2.75E-03          | 0.00E+00                |
| Texas                                                                                   | Erath      | 48143 | U                    | 1.03E-05                                                               | 1.03E-05 | 1.35E-05 | 1.16E-04 | 1.10E-04 | 1.89E-04 | 2.45E-04 | 2.45E-04 | 0.00E+00                         | 9.11E-05          | 1.89E-05         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                   | Falls      | 48145 | R                    | 1.93E-05                                                               | 1.93E-05 | 2.33E-05 | 3.45E-05 | 4.58E-05 | 8.61E-05 | 8.62E-05 | 8.62E-05 | 0.00E+00                         | 3.77E-05          | 7.68E-06         | 4.51E-07          | 0.00E+00                |
| Texas                                                                                   | Fannin     | 48147 | R                    | 2.84E-05                                                               | 2.84E-05 | 5.03E-05 | 5.50E-05 | 5.98E-05 | 6.38E-05 | 1.12E-04 | 1.12E-04 | 0.00E+00                         | 5.29E-05          | 6.93E-06         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                   | Fayette    | 48149 | R                    | 1.01E-05                                                               | 1.01E-05 | 1.23E-05 | 1.41E-05 | 2.22E-05 | 2.86E-05 | 5.30E-05 | 5.30E-05 | 5.63E-06                         | 1.03E-05          | 6.21E-06         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                   | Fisher     | 48151 | R                    | 5.10E-06                                                               | 5.10E-06 | 5.10E-06 | 8.95E-06 | 1.27E-05 | 2.41E-05 | 2.41E-05 | 2.41E-05 | 0.00E+00                         | 7.50E-06          | 5.23E-06         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                   | Floyd      | 48153 | R                    | 4.70E-06                                                               | 4.70E-06 | 9.39E-06 | 1.47E-05 | 1.55E-05 | 2.16E-05 | 2.79E-05 | 2.79E-05 | 0.00E+00                         | 1.23E-05          | 3.13E-06         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                   | Foard      | 48155 | R                    | 2.64E-06                                                               | 2.64E-06 | 2.64E-06 | 2.64E-06 | 2.64E-06 | 2.64E-06 | 2.64E-06 | 2.64E-06 | 0.00E+00                         | 1.87E-06          | 7.67E-07         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                   | Fort Bend  | 48157 | U                    | 2.65E-04                                                               | 5.73E-04 | 1.28E-03 | 1.74E-03 | 1.94E-03 | 2.79E-03 | 3.26E-03 | 3.38E-03 | 3.26E-04                         | 8.45E-04          | 3.69E-05         | 7.32E-04          | 0.00E+00                |
| Texas                                                                                   | Franklin   | 48159 | R                    | 5.63E-05                                                               | 5.63E-05 | 5.63E-05 | 5.72E-05 | 5.80E-05 | 6.05E-05 | 6.05E-05 | 6.05E-05 | 9.20E-06                         | 3.50E-05          | 1.38E-05         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                   | Freestone  | 48161 | R                    | 1.51E-05                                                               | 1.51E-05 | 3.61E-05 | 5.68E-05 | 6.44E-05 | 1.01E-04 | 1.04E-04 | 1.04E-04 | 1.80E-05                         | 3.77E-05          | 8.70E-06         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                   | Frio       | 48163 | U                    | 5.02E-06                                                               | 5.02E-06 | 5.02E-06 | 7.63E-06 | 6.96E-06 | 8.24E-06 | 8.24E-06 | 8.24E-06 | 0.00E+00                         | 3.12E-06          | 3.84E-06         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                   | Gaines     | 48165 | R                    | 3.60E-06                                                               | 3.60E-06 | 3.60E-06 | 2.66E-05 | 3.29E-05 | 6.85E-05 | 6.85E-05 | 6.85E-05 | 0.00E+00                         | 2.02E-05          | 4.90E-06         | 7.85E-06          | 0.00E+00                |
| Texas                                                                                   | Galveston  | 48167 | U                    | 4.65E-04                                                               | 5.55E-04 | 6.33E-04 | 2.02E-03 | 2.01E-03 | 2.53E-03 | 3.29E-03 | 5.44E-03 | 8.34E-04                         | 9.87E-04          | 3.07E-05         | 1.62E-04          | 0.00E+00                |
| Texas                                                                                   | Garza      | 48169 | U                    | 1.65E-06                                                               | 1.65E-06 | 1.65E-06 | 1.65E-06 | 1.65E-06 | 1.65E-06 | 1.65E-06 | 1.65E-06 | 0.00E+00                         | 9.17E-07          | 7.29E-07         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                   | Gillespie  | 48171 | R                    | 1.26E-05                                                               | 1.26E-05 | 3.31E-05 | 4.58E-05 | 4.31E-05 | 6.18E-05 | 6.21E-05 | 6.21E-05 | 0.00E+00                         | 3.36E-05          | 9.46E-06         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                   | Glasscock  | 48173 | R                    | 8.53E-06                                                               | 8.53E-06 | 8.53E-06 | 8.53E-06 | 8.53E-06 | 8.53E-06 | 8.53E-06 | 8.53E-06 | 7.39E-06                         | 6.08E-07          | 5.27E-07         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                   | Goliad     | 48175 | R                    | 1.01E-05                                                               | 1.01E-05 | 1.01E-05 | 1.51E-05 | 1.51E-05 | 2.01E-05 | 2.01E-05 | 2.01E-05 | 3.79E-06                         | 6.37E-06          | 2.84E-06         | 2.10E-06          | 0.00E+00                |
| Texas                                                                                   | Gonzales   | 48177 | R                    | 9.90E-06                                                               | 9.90E-06 | 1.47E-05 | 1.12E-04 | 1.42E-04 | 2.08E-04 | 3.97E-04 | 3.97E-04 | 0.00E+00                         | 1.32E-04          | 1.05E-05         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                   | Gray       | 48179 | U                    | 1.50E-05                                                               | 1.50E-05 | 1.20E-04 | 1.43E-04 | 1.37E-04 | 1.92E-04 | 2.20E-04 | 2.20E-04 | 7.63E-05                         | 4.16E-05          | 1.92E-05         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                   | Grayson    | 48181 | U                    | 6.01E-05                                                               | 9.19E-05 | 1.04E-04 | 2.48E-04 | 4.20E-04 | 4.03E-04 | 1.00E-03 | 1.61E-03 | 0.00E+00                         | 4.08E-04          | 1.21E-05         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                   | Gregg      | 48183 | U                    | 4.66E-04                                                               | 5.01E-04 | 9.75E-04 | 1.67E-03 | 2.14E-03 | 2.67E-03 | 4.80E-03 | 5.18E-03 | 4.87E-05                         | 2.07E-03          | 1.51E-05         | 2.65E-06          | 0.00E+00                |
| Texas                                                                                   | Grimes     | 48185 | R                    | 1.32E-05                                                               | 1.32E-05 | 1.32E-05 | 4.60E-05 | 3.72E-05 | 5.23E-05 | 5.23E-05 | 5.23E-05 | 1.67E-06                         | 2.56E-05          | 9.44E-06         | 5.02E-07          | 0.00E+00                |
| Texas                                                                                   | Guadalupe  | 48187 | U                    | 2.62E-05                                                               | 5.15E-05 | 1.37E-04 | 1.90E-04 | 1.82E-04 | 2.28E-04 | 3.09E-04 | 3.35E-04 | 7.57E-06                         | 1.29E-04          | 1.37E-05         | 3.18E-05          | 0.00E+00                |
| Texas                                                                                   | Hale       | 48189 | U                    | 1.10E-05                                                               | 1.10E-05 | 5.59E-05 | 1.05E-04 | 1.03E-04 | 1.19E-04 | 2.71E-04 | 2.71E-04 | 0.00E+00                         | 3.49E-05          | 1.65E-05         | 5.14E-05          | 0.00E+00                |
| Texas                                                                                   | Hall       | 48191 | R                    | 8.97E-07                                                               | 8.97E-07 | 9.01E-07 | 1.33E-06 | 1.55E-06 | 2.19E-06 | 2.64E-06 | 2.64E-06 | 0.00E+00                         | 6.22E-07          | 9.25E-07         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                   | Hamilton   | 48193 | R                    | 6.80E-06                                                               | 6.80E-06 | 6.80E-06 | 9.10E-06 | 1.97E-05 | 4.33E-05 | 4.33E-05 | 4.33E-05 | 0.00E+00                         | 1.63E-05          | 3.45E-06         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                   | Hansford   | 48195 | U                    | 2.26E-06                                                               | 2.26E-06 | 2.26E-06 | 4.33E-06 | 4.33E-06 | 6.40E-06 | 6.40E-06 | 6.40E-06 | 0.00E+00                         | 2.72E-06          | 1.61E-06         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                   | Hardeman   | 48197 | U                    | 5.68E-06                                                               | 5.68E-06 | 5.68E-06 | 8.95E-06 | 8.95E-06 | 1.22E-05 | 1.22E-05 | 1.22E-05 | 1.79E-06                         | 5.38E-06          | 1.78E-06         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                   | Hardin     | 48199 | U                    | 1.38E-04                                                               | 4.00E-04 | 6.84E-04 | 1.36E-03 | 1.19E-03 | 1.57E-03 | 1.87E-03 | 2.09E-03 | 7.03E-04                         | 4.79E-04          | 7.69E-06         | 4.96E-07          | 0.00E+00                |
| Texas                                                                                   | Harris     | 48201 | U                    | 3.28E-03                                                               | 4.04E-03 | 6.01E-03 | 1.00E-02 | 1.22E-02 | 1.41E-02 | 2.10E-02 | 2.84E-02 | 4.40E-04                         | 6.35E-03          | 7.80E-05         | 5.32E-03          | 0.00E+00                |
| Texas                                                                                   | Harrison   | 48203 | R                    | 2.15E-04                                                               | 2.15E-04 | 4.73E-04 | 6.02E-04 | 5.30E-04 | 6.30E-04 | 6.38E-04 | 6.38E-04 | 2.50E-04                         | 2.42E-04          | 7.12E-06         | 3.12E-05          | 0.00E+00                |
| Texas                                                                                   | Hartley    | 48205 | R                    | 2.57E-06                                                               | 2.57E-06 | 2.57E-06 | 6.06E-06 | 6.06E-06 | 9.56E-06 | 9.56E-06 | 9.56E-06 | 0.00E+00                         | 4.65E-06          | 1.41E-06         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                   | Haskell    | 48207 | R                    | 4.11E-06                                                               | 4.11E-06 | 4.11E-06 | 5.81E-06 | 5.49E-06 | 6.56E-06 | 6.56E-06 | 6.56E-06 | 0.00E+00                         | 4.14E-06          | 1.35E-06         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                   | Hays       | 48209 | U                    | 3.30E-05                                                               | 5.47E-05 | 1.47E-04 | 1.88E-04 | 2.48E-04 | 2.71E-04 | 6.63E-04 | 7.39E-04 | 2.63E-07                         | 1.76E-04          | 1.50E-05         | 5.67E-05          | 0.00E+00                |
| Texas                                                                                   | Hemphill   | 48211 | R                    | 1.54E-06                                                               | 1.54E-06 | 1.54E-06 | 6.00E-06 | 6.00E-06 | 1.05E-05 | 1.05E-05 | 1.05E-05 | 0.00E+00                         | 3.35E-06          | 2.66E-06         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                   | Henderson  | 48213 | U                    | 1.24E-04                                                               | 1.31E-04 | 1.41E-04 | 2.34E-04 | 7.56E-04 | 5.17E-04 | 3.76E-03 | 3.81E-03 | 2.73E-05                         | 7.08E-04          | 2.10E-05         | 9.64E-09          | 0.00E+00                |
| Texas                                                                                   | Hidalgo    | 48215 | U                    | 7.59E-05                                                               | 9.37E-05 | 1.19E-04 | 1.55E-04 | 5.36E-04 | 3.59E-04 | 1.02E-03 | 3.88E-03 | 0.00E+00                         | 8.20E-05          | 1.88E-05         | 4.35E-04          | 0.00E+00                |
| Texas                                                                                   | Hill       | 48217 | R                    | 2.05E-05                                                               | 2.47E-05 | 3.43E-05 | 5.25E-05 | 6.67E-05 | 9.97E-05 | 1.35E-04 | 1.49E-04 | 1.40E-06                         | 5.20E-05          | 1.25E-05         | 8.52E-07          | 0.00E+00                |
| Texas                                                                                   | Hockley    | 48219 | U                    | 6.85E-06                                                               | 6.85E-06 | 3.87E-05 | 4.88E-05 | 4.54E-05 | 5.32E-05 | 7.49E-05 | 7.49E-05 | 0.00E+00                         | 1.88E-05          | 6.94E-06         | 1.97E-05          | 0.00E+00                |
| Texas                                                                                   | Hood       | 48221 | U                    | 2.08E-05                                                               | 2.08E-05 | 5.25E-05 | 5.38E-05 | 6.01E-05 | 5.64E-05 | 1.17E-04 | 1.17E-04 | 1.75E-06                         | 3.72E-05          | 2.12E-05         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                   | Hopkins    | 48223 | R                    | 1.74E-05                                                               | 1.74E-05 | 2.39E-05 | 6.02E-05 | 9.39E-05 | 1.76E-04 | 2.15E-04 | 2.15E-04 | 0.00E+00                         | 7.15E-05          | 2.24E-05         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                   | Houston    | 48225 | R                    | 1.71E-05                                                               | 1.71E-05 | 2.48E-05 | 3.52E-05 | 1.99E-04 | 5.01E-04 | 6.86E-04 | 6.86E-04 | 1.06E-05                         | 1.79E-04          | 9.44E-06         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                   | Howard     | 48227 | U                    | 6.29E-05                                                               | 6.29E-05 | 1.83E-04 | 5.21E-04 | 1.63E-03 | 8.40E-03 | 8.40E-03 | 8.40E-03 | 1.52E-03                         | 9.48E-05          | 2.26E-05         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                   | Hudspeth   | 48229 | R                    | 2.29E-07                                                               | 2.29E-07 | 2.29E-07 | 2.33E-07 | 2.33E-07 | 2.36E-07 | 2.36E-07 | 2.36E-07 | 0.00E+00                         | 5.90E-08          | 1.74E-07         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                   | Hunt       | 48231 | U                    | 4.49E-05                                                               | 4.99E-05 | 1.19E-04 | 2.34E-04 | 2.46E-04 | 3.01E-04 | 6.08E-04 | 6.44E-04 | 1.71E-07                         | 2.24E-04          | 2.16E-05         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                   | Hutchinson | 48233 | U                    | 6.81E-05                                                               | 6.81E-05 | 4.50E-04 | 5.82E-04 | 6.72E-04 | 9.09E-04 | 1.25E-03 | 1.25E-03 | 5.28E-04                         | 1.19E-04          | 2.09E-05         | 3.72E-06          | 0.00E+00                |
| Texas                                                                                   | Irion      | 48235 | R                    | 4.10E-06                                                               | 4.10E-06 | 4.10E-06 | 4.10E-06 | 4.10E-06 | 4.10E-06 | 4.10E-06 | 4.10E-06 | 0.00E+00                         | 3.19E-06          | 6.38E-07         | 2.74E-07          | 0.00E+00                |
| Texas                                                                                   | Jack       | 48237 | R                    | 3.75E-06                                                               | 3.75E-06 | 5.66E-06 | 8.30E-06 | 2.56E-05 | 4.56E-05 | 8.22E-05 | 8.22E-05 | 0.00E+00                         | 2.21E-05          | 3.56E-06         | 0.00E+00          | 0.00E+00                |



| Estimated Annual Average Ambient Concentrations (µg/m <sup>3</sup> ) for Lead Compounds |            |       |                      |                                                                        |          |          |          |          |          |          |          |                                  |                   |                  |                   |                         |
|-----------------------------------------------------------------------------------------|------------|-------|----------------------|------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------------------------------|-------------------|------------------|-------------------|-------------------------|
| State                                                                                   | County     | FIPS  | Urban<br>or<br>Rural | Percentile Distribution of Ambient Concentrations Across Census Tracts |          |          |          |          |          |          |          | Contribution to Average from ... |                   |                  |                   |                         |
|                                                                                         |            |       |                      | 5th                                                                    | 10th     | 25th     | Median   | Average  | 75th     | 90th     | 95th     | Major                            | Area and<br>Other | Onroad<br>Mobile | Nonroad<br>Mobile | Estimated<br>Background |
| Texas                                                                                   | Jackson    | 48239 | R                    | 1.55E-05                                                               | 1.55E-05 | 1.55E-05 | 2.82E-05 | 2.60E-05 | 3.42E-05 | 3.42E-05 | 3.42E-05 | 0.00E+00                         | 1.35E-05          | 5.66E-06         | 6.77E-06          | 0.00E+00                |
| Texas                                                                                   | Jasper     | 48241 | R                    | 5.03E-05                                                               | 5.03E-05 | 1.40E-04 | 2.50E-04 | 4.88E-04 | 9.74E-04 | 1.12E-03 | 1.12E-03 | 1.53E-04                         | 3.21E-04          | 1.35E-05         | 1.08E-07          | 0.00E+00                |
| Texas                                                                                   | Jeff Davis | 48243 | R                    | 1.08E-06                                                               | 1.08E-06 | 1.08E-06 | 1.08E-06 | 1.08E-06 | 1.08E-06 | 1.08E-06 | 1.08E-06 | 0.00E+00                         | 2.62E-07          | 8.19E-07         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                   | Jefferson  | 48245 | U                    | 1.95E-03                                                               | 2.42E-03 | 3.10E-03 | 3.83E-03 | 4.56E-03 | 5.56E-03 | 7.29E-03 | 8.33E-03 | 2.09E-03                         | 2.41E-03          | 2.15E-05         | 3.88E-05          | 0.00E+00                |
| Texas                                                                                   | Jim Hogg   | 48247 | R                    | 2.43E-06                                                               | 2.43E-06 | 2.43E-06 | 5.76E-06 | 4.66E-06 | 5.79E-06 | 5.79E-06 | 5.79E-06 | 0.00E+00                         | 1.88E-06          | 2.78E-06         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                   | Jim Wells  | 48249 | U                    | 2.08E-05                                                               | 2.08E-05 | 3.58E-05 | 1.27E-04 | 1.15E-04 | 1.67E-04 | 1.99E-04 | 1.99E-04 | 8.80E-06                         | 7.64E-05          | 2.93E-05         | 1.17E-07          | 0.00E+00                |
| Texas                                                                                   | Johnson    | 48251 | U                    | 1.03E-04                                                               | 1.15E-04 | 1.81E-04 | 3.31E-04 | 4.69E-04 | 6.24E-04 | 7.64E-04 | 1.83E-03 | 6.38E-05                         | 2.57E-04          | 2.31E-05         | 1.25E-04          | 0.00E+00                |
| Texas                                                                                   | Jones      | 48253 | R                    | 4.51E-05                                                               | 4.51E-05 | 4.98E-05 | 1.33E-04 | 2.11E-04 | 1.58E-04 | 6.70E-04 | 6.70E-04 | 0.00E+00                         | 3.61E-05          | 8.18E-06         | 1.67E-04          | 0.00E+00                |
| Texas                                                                                   | Karnes     | 48255 | U                    | 6.94E-06                                                               | 6.94E-06 | 1.00E-05 | 1.56E-05 | 1.42E-05 | 1.83E-05 | 1.86E-05 | 1.86E-05 | 5.92E-07                         | 8.73E-06          | 4.87E-06         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                   | Kaufman    | 48257 | U                    | 8.19E-04                                                               | 9.10E-04 | 1.46E-03 | 7.81E-03 | 1.21E-02 | 1.71E-02 | 3.49E-02 | 4.16E-02 | 1.01E-05                         | 1.20E-02          | 1.56E-05         | 5.21E-05          | 0.00E+00                |
| Texas                                                                                   | Kendall    | 48259 | R                    | 1.02E-04                                                               | 1.02E-04 | 2.92E-04 | 6.22E-04 | 5.49E-04 | 8.06E-04 | 8.51E-04 | 8.51E-04 | 1.22E-07                         | 3.21E-04          | 2.19E-05         | 2.06E-04          | 0.00E+00                |
| Texas                                                                                   | Kenedy     | 48261 | R                    | 2.48E-06                                                               | 2.48E-06 | 2.48E-06 | 2.48E-06 | 2.48E-06 | 2.48E-06 | 2.48E-06 | 2.48E-06 | 0.00E+00                         | 1.51E-06          | 9.72E-07         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                   | Kent       | 48263 | R                    | 6.97E-07                                                               | 6.97E-07 | 6.97E-07 | 6.97E-07 | 6.97E-07 | 6.97E-07 | 6.97E-07 | 6.97E-07 | 0.00E+00                         | 5.52E-07          | 1.45E-07         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                   | Kerr       | 48265 | R                    | 3.96E-05                                                               | 3.96E-05 | 7.43E-05 | 1.36E-04 | 2.16E-04 | 4.14E-04 | 4.37E-04 | 4.37E-04 | 0.00E+00                         | 1.86E-04          | 2.95E-05         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                   | Kimble     | 48267 | U                    | 7.19E-06                                                               | 7.19E-06 | 7.19E-06 | 1.20E-05 | 1.20E-05 | 1.69E-05 | 1.69E-05 | 1.69E-05 | 0.00E+00                         | 1.11E-05          | 9.14E-07         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                   | King       | 48269 | R                    | 2.65E-07                                                               | 2.65E-07 | 2.65E-07 | 2.65E-07 | 2.65E-07 | 2.65E-07 | 2.65E-07 | 2.65E-07 | 0.00E+00                         | 1.33E-07          | 1.32E-07         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                   | Kinney     | 48271 | R                    | 7.70E-07                                                               | 7.70E-07 | 7.70E-07 | 7.70E-07 | 7.70E-07 | 7.70E-07 | 7.70E-07 | 7.70E-07 | 0.00E+00                         | 2.49E-07          | 5.22E-07         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                   | Kleberg    | 48273 | U                    | 1.62E-05                                                               | 1.62E-05 | 1.63E-04 | 1.92E-04 | 1.66E-04 | 2.17E-04 | 2.43E-04 | 2.43E-04 | 3.46E-05                         | 7.66E-05          | 2.99E-05         | 2.53E-05          | 0.00E+00                |
| Texas                                                                                   | Knox       | 48275 | R                    | 3.75E-06                                                               | 3.75E-06 | 3.75E-06 | 4.11E-06 | 4.11E-06 | 4.47E-06 | 4.47E-06 | 4.47E-06 | 0.00E+00                         | 2.99E-06          | 1.12E-06         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                   | Lamar      | 48277 | U                    | 9.05E-05                                                               | 1.24E-04 | 2.11E-04 | 8.51E-04 | 1.62E-03 | 3.08E-03 | 3.85E-03 | 4.50E-03 | 1.27E-06                         | 1.58E-03          | 3.92E-05         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                   | Lamb       | 48279 | R                    | 1.77E-05                                                               | 1.77E-05 | 4.66E-05 | 4.97E-05 | 4.74E-05 | 5.42E-05 | 6.68E-05 | 6.68E-05 | 2.61E-05                         | 1.18E-05          | 4.80E-06         | 4.73E-06          | 0.00E+00                |
| Texas                                                                                   | Lampasas   | 48281 | R                    | 6.41E-06                                                               | 6.41E-06 | 1.05E-05 | 2.38E-05 | 2.30E-05 | 3.56E-05 | 3.82E-05 | 3.82E-05 | 3.83E-10                         | 1.17E-05          | 4.71E-06         | 6.66E-06          | 0.00E+00                |
| Texas                                                                                   | La Salle   | 48283 | U                    | 4.52E-07                                                               | 4.52E-07 | 4.52E-07 | 6.35E-07 | 6.35E-07 | 8.18E-07 | 8.18E-07 | 8.18E-07 | 0.00E+00                         | 1.68E-07          | 4.67E-07         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                   | Lavaca     | 48285 | R                    | 8.70E-06                                                               | 8.70E-06 | 1.10E-05 | 1.52E-05 | 1.91E-05 | 1.84E-05 | 4.60E-05 | 4.60E-05 | 0.00E+00                         | 1.34E-05          | 5.69E-06         | 1.32E-08          | 0.00E+00                |
| Texas                                                                                   | Lee        | 48287 | R                    | 4.80E-05                                                               | 4.80E-05 | 4.82E-05 | 5.14E-05 | 5.30E-05 | 5.77E-05 | 6.12E-05 | 6.12E-05 | 1.31E-05                         | 3.19E-05          | 7.96E-06         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                   | Leon       | 48289 | R                    | 1.19E-05                                                               | 1.19E-05 | 1.19E-05 | 1.89E-05 | 1.82E-05 | 2.38E-05 | 2.38E-05 | 2.38E-05 | 2.63E-06                         | 1.25E-05          | 3.04E-06         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                   | Liberty    | 48291 | U                    | 3.47E-05                                                               | 9.20E-05 | 1.56E-04 | 3.74E-04 | 5.89E-04 | 1.02E-03 | 1.07E-03 | 1.17E-03 | 8.91E-05                         | 2.31E-04          | 8.01E-06         | 2.61E-04          | 0.00E+00                |
| Texas                                                                                   | Limestone  | 48293 | R                    | 1.24E-05                                                               | 1.32E-05 | 1.43E-05 | 2.03E-05 | 3.69E-05 | 6.93E-05 | 8.73E-05 | 9.34E-05 | 5.29E-06                         | 2.28E-05          | 8.82E-06         | 5.33E-09          | 0.00E+00                |
| Texas                                                                                   | Lipscomb   | 48295 | R                    | 1.23E-06                                                               | 1.23E-06 | 1.23E-06 | 1.67E-06 | 1.98E-06 | 3.03E-06 | 3.03E-06 | 3.03E-06 | 0.00E+00                         | 1.46E-06          | 5.13E-07         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                   | Live Oak   | 48297 | R                    | 3.21E-05                                                               | 3.21E-05 | 4.26E-05 | 1.91E-04 | 2.00E-04 | 3.57E-04 | 3.85E-04 | 3.85E-04 | 1.02E-04                         | 9.19E-05          | 5.59E-06         | 1.53E-07          | 0.00E+00                |
| Texas                                                                                   | Llano      | 48299 | R                    | 4.86E-06                                                               | 4.86E-06 | 6.21E-06 | 1.46E-05 | 1.76E-05 | 2.87E-05 | 3.67E-05 | 3.67E-05 | 0.00E+00                         | 1.27E-05          | 4.92E-06         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                   | Loving     | 48301 | R                    | 2.13E-06                                                               | 2.13E-06 | 2.13E-06 | 2.13E-06 | 2.13E-06 | 2.13E-06 | 2.13E-06 | 2.13E-06 | 0.00E+00                         | 1.07E-06          | 1.06E-06         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                   | Lubbock    | 48303 | U                    | 1.31E-04                                                               | 1.61E-04 | 2.17E-04 | 2.71E-04 | 3.61E-04 | 4.80E-04 | 6.25E-04 | 7.00E-04 | 0.00E+00                         | 1.17E-04          | 1.85E-05         | 2.25E-04          | 0.00E+00                |
| Texas                                                                                   | Lynn       | 48305 | R                    | 3.76E-06                                                               | 3.76E-06 | 3.76E-06 | 6.15E-06 | 2.24E-05 | 5.73E-05 | 5.73E-05 | 5.73E-05 | 0.00E+00                         | 5.06E-06          | 1.90E-06         | 1.55E-05          | 0.00E+00                |
| Texas                                                                                   | McCulloch  | 48307 | U                    | 2.25E-06                                                               | 2.25E-06 | 2.74E-06 | 3.53E-05 | 3.50E-05 | 6.74E-05 | 6.74E-05 | 6.74E-05 | 0.00E+00                         | 2.90E-05          | 6.06E-06         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                   | McLennan   | 48309 | U                    | 6.20E-05                                                               | 7.32E-05 | 1.02E-04 | 1.69E-04 | 1.88E-04 | 2.22E-04 | 3.53E-04 | 4.70E-04 | 3.47E-11                         | 1.65E-04          | 1.79E-05         | 4.97E-06          | 0.00E+00                |
| Texas                                                                                   | McMullen   | 48311 | R                    | 8.36E-06                                                               | 8.36E-06 | 8.36E-06 | 8.36E-06 | 8.36E-06 | 8.36E-06 | 8.36E-06 | 8.36E-06 | 8.03E-06                         | 1.07E-07          | 2.19E-07         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                   | Madison    | 48313 | R                    | 1.75E-05                                                               | 1.75E-05 | 2.44E-05 | 5.93E-05 | 5.59E-05 | 8.75E-05 | 8.76E-05 | 8.76E-05 | 5.52E-06                         | 3.94E-05          | 1.10E-05         | 3.63E-08          | 0.00E+00                |
| Texas                                                                                   | Marion     | 48315 | R                    | 1.87E-04                                                               | 1.87E-04 | 1.92E-04 | 2.28E-04 | 2.40E-04 | 2.88E-04 | 3.16E-04 | 3.16E-04 | 1.36E-05                         | 2.19E-04          | 6.92E-06         | 9.49E-08          | 0.00E+00                |
| Texas                                                                                   | Martin     | 48317 | R                    | 1.74E-05                                                               | 1.74E-05 | 1.74E-05 | 5.54E-05 | 5.54E-05 | 9.34E-05 | 9.34E-05 | 9.34E-05 | 1.58E-05                         | 5.03E-06          | 2.24E-06         | 3.23E-05          | 0.00E+00                |
| Texas                                                                                   | Mason      | 48319 | R                    | 1.33E-06                                                               | 1.33E-06 | 1.33E-06 | 1.52E-06 | 1.52E-06 | 1.72E-06 | 1.72E-06 | 1.72E-06 | 0.00E+00                         | 5.45E-07          | 9.80E-07         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                   | Matagorda  | 48321 | U                    | 1.66E-05                                                               | 1.66E-05 | 1.51E-04 | 4.81E-04 | 4.20E-04 | 5.41E-04 | 9.94E-04 | 9.94E-04 | 4.73E-05                         | 3.57E-04          | 1.14E-05         | 4.00E-06          | 0.00E+00                |
| Texas                                                                                   | Maverick   | 48323 | U                    | 7.75E-06                                                               | 7.75E-06 | 1.39E-05 | 7.99E-05 | 1.08E-04 | 1.60E-04 | 3.05E-04 | 3.05E-04 | 0.00E+00                         | 7.46E-05          | 3.31E-05         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                   | Medina     | 48325 | R                    | 9.70E-06                                                               | 9.70E-06 | 2.43E-04 | 3.09E-04 | 3.87E-04 | 5.08E-04 | 9.04E-04 | 9.04E-04 | 2.61E-07                         | 3.72E-04          | 1.04E-05         | 3.82E-06          | 0.00E+00                |
| Texas                                                                                   | Menard     | 48327 | R                    | 5.75E-06                                                               | 5.75E-06 | 5.75E-06 | 7.00E-06 | 7.00E-06 | 8.25E-06 | 8.25E-06 | 8.25E-06 | 0.00E+00                         | 5.54E-06          | 1.46E-06         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                   | Midland    | 48329 | U                    | 4.08E-04                                                               | 4.68E-04 | 5.42E-04 | 6.97E-04 | 8.53E-04 | 9.85E-04 | 1.18E-03 | 1.27E-03 | 3.38E-05                         | 1.43E-04          | 2.10E-05         | 6.54E-04          | 0.00E+00                |
| Texas                                                                                   | Milam      | 48331 | R                    | 3.28E-05                                                               | 3.28E-05 | 4.12E-05 | 7.19E-05 | 9.30E-05 | 1.47E-04 | 1.91E-04 | 1.91E-04 | 4.89E-06                         | 7.98E-05          | 8.33E-06         | 2.44E-08          | 0.00E+00                |
| Texas                                                                                   | Mills      | 48333 | R                    | 6.65E-06                                                               | 6.65E-06 | 6.65E-06 | 6.67E-06 | 1.29E-05 | 2.53E-05 | 2.53E-05 | 2.53E-05 | 0.00E+00                         | 5.49E-06          | 1.55E-06         | 5.85E-06          | 0.00E+00                |
| Texas                                                                                   | Mitchell   | 48335 | U                    | 7.96E-06                                                               | 7.96E-06 | 7.96E-06 | 1.44E-05 | 1.24E-05 | 1.48E-05 | 1.48E-05 | 1.48E-05 | 2.69E-06                         | 6.33E-06          | 3.38E-06         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                   | Montague   | 48337 | R                    | 5.79E-06                                                               | 5.79E-06 | 5.96E-06 | 8.23E-06 | 1.19E-05 | 1.90E-05 | 2.41E-05 | 2.41E-05 | 0.00E+00                         | 6.15E-06          | 5.74E-06         | 0.00E+00          | 0.00E+00                |

| Estimated Annual Average Ambient Concentrations ( $\mu\text{g}/\text{m}^3$ ) for Lead Compounds |               |       |                      |                                                                        |          |          |          |          |          |          |          |                                  |                   |                  |                   |                         |
|-------------------------------------------------------------------------------------------------|---------------|-------|----------------------|------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------------------------------|-------------------|------------------|-------------------|-------------------------|
| State                                                                                           | County        | FIPS  | Urban<br>or<br>Rural | Percentile Distribution of Ambient Concentrations Across Census Tracts |          |          |          |          |          |          |          | Contribution to Average from ... |                   |                  |                   |                         |
|                                                                                                 |               |       |                      | 5th                                                                    | 10th     | 25th     | Median   | Average  | 75th     | 90th     | 95th     | Major                            | Area and<br>Other | Onroad<br>Mobile | Nonroad<br>Mobile | Estimated<br>Background |
| Texas                                                                                           | Montgomery    | 48339 | U                    | 1.37E-03                                                               | 2.37E-03 | 3.50E-03 | 8.31E-03 | 7.66E-03 | 1.06E-02 | 1.33E-02 | 1.37E-02 | 2.77E-03                         | 8.93E-04          | 3.44E-05         | 3.97E-03          | 0.00E+00                |
| Texas                                                                                           | Moore         | 48341 | U                    | 6.67E-06                                                               | 6.67E-06 | 7.90E-06 | 5.54E-05 | 6.49E-05 | 1.22E-04 | 1.42E-04 | 1.42E-04 | 0.00E+00                         | 5.30E-05          | 1.19E-05         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Morris        | 48343 | R                    | 2.93E-04                                                               | 2.93E-04 | 2.93E-04 | 6.46E-04 | 5.37E-04 | 6.74E-04 | 6.74E-04 | 6.74E-04 | 3.94E-05                         | 4.83E-04          | 1.50E-05         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Motley        | 48345 | R                    | 5.05E-07                                                               | 5.05E-07 | 5.05E-07 | 6.17E-07 | 6.17E-07 | 7.28E-07 | 7.28E-07 | 7.28E-07 | 0.00E+00                         | 2.97E-07          | 3.19E-07         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Nacogdoches   | 48347 | U                    | 1.82E-04                                                               | 5.08E-04 | 5.56E-04 | 2.93E-03 | 5.09E-03 | 9.09E-03 | 1.15E-02 | 1.73E-02 | 2.55E-04                         | 4.80E-03          | 3.31E-05         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Navarro       | 48349 | U                    | 1.83E-05                                                               | 2.03E-05 | 2.85E-05 | 6.02E-05 | 8.32E-05 | 1.27E-04 | 1.34E-04 | 2.31E-04 | 3.13E-06                         | 6.50E-05          | 1.51E-05         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Newton        | 48351 | R                    | 9.62E-05                                                               | 9.62E-05 | 1.05E-04 | 1.29E-04 | 2.42E-04 | 3.79E-04 | 6.14E-04 | 6.14E-04 | 1.34E-04                         | 9.99E-05          | 5.09E-06         | 3.17E-06          | 0.00E+00                |
| Texas                                                                                           | Nolan         | 48353 | U                    | 8.16E-06                                                               | 8.16E-06 | 6.31E-05 | 6.97E-05 | 9.42E-05 | 1.57E-04 | 1.73E-04 | 1.73E-04 | 0.00E+00                         | 7.66E-05          | 1.76E-05         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Nueces        | 48355 | U                    | 2.08E-04                                                               | 2.23E-04 | 3.06E-04 | 4.03E-04 | 6.49E-04 | 6.81E-04 | 1.18E-03 | 1.49E-03 | 2.69E-04                         | 1.44E-04          | 2.17E-05         | 2.14E-04          | 0.00E+00                |
| Texas                                                                                           | Ochiltree     | 48357 | U                    | 2.73E-06                                                               | 2.73E-06 | 2.86E-06 | 6.06E-05 | 6.05E-05 | 1.18E-04 | 1.18E-04 | 1.18E-04 | 0.00E+00                         | 5.06E-05          | 9.92E-06         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Oldham        | 48359 | R                    | 2.97E-07                                                               | 2.97E-07 | 2.97E-07 | 3.97E-06 | 3.97E-06 | 7.65E-06 | 7.65E-06 | 7.65E-06 | 0.00E+00                         | 3.49E-06          | 4.79E-07         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Orange        | 48361 | U                    | 6.71E-04                                                               | 7.12E-04 | 8.27E-04 | 1.18E-03 | 1.61E-03 | 2.54E-03 | 3.35E-03 | 3.54E-03 | 9.09E-04                         | 6.74E-04          | 1.32E-05         | 1.58E-05          | 0.00E+00                |
| Texas                                                                                           | Palo Pinto    | 48363 | U                    | 6.96E-06                                                               | 6.96E-06 | 1.03E-05 | 5.48E-05 | 5.41E-05 | 7.90E-05 | 1.20E-04 | 1.20E-04 | 0.00E+00                         | 3.74E-05          | 1.67E-05         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Panola        | 48365 | R                    | 2.48E-04                                                               | 2.48E-04 | 2.97E-04 | 6.26E-04 | 7.86E-04 | 1.39E-03 | 1.53E-03 | 1.53E-03 | 6.77E-04                         | 9.35E-05          | 9.65E-06         | 5.47E-06          | 0.00E+00                |
| Texas                                                                                           | Parker        | 48367 | U                    | 2.89E-05                                                               | 2.89E-05 | 7.00E-05 | 1.20E-04 | 1.29E-04 | 1.69E-04 | 2.85E-04 | 2.85E-04 | 2.27E-07                         | 1.14E-04          | 1.52E-05         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Parmer        | 48369 | R                    | 9.42E-06                                                               | 9.42E-06 | 9.42E-06 | 3.31E-05 | 3.31E-05 | 5.67E-05 | 5.67E-05 | 5.67E-05 | 7.73E-06                         | 2.28E-06          | 2.14E-06         | 2.09E-05          | 0.00E+00                |
| Texas                                                                                           | Pecos         | 48371 | U                    | 1.55E-06                                                               | 1.55E-06 | 7.38E-06 | 1.17E-05 | 9.46E-05 | 2.26E-04 | 2.26E-04 | 2.26E-04 | 0.00E+00                         | 7.61E-05          | 1.84E-05         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Polk          | 48373 | R                    | 8.86E-05                                                               | 8.86E-05 | 1.03E-04 | 1.54E-04 | 1.79E-04 | 2.71E-04 | 2.79E-04 | 2.79E-04 | 1.46E-05                         | 1.51E-04          | 1.32E-05         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Potter        | 48375 | U                    | 3.05E-04                                                               | 3.34E-04 | 3.70E-04 | 4.35E-04 | 5.06E-04 | 5.54E-04 | 6.76E-04 | 7.57E-04 | 0.00E+00                         | 2.63E-04          | 1.73E-05         | 2.25E-04          | 0.00E+00                |
| Texas                                                                                           | Presidio      | 48377 | U                    | 6.20E-07                                                               | 6.20E-07 | 6.20E-07 | 8.93E-07 | 8.93E-07 | 1.17E-06 | 1.17E-06 | 1.17E-06 | 0.00E+00                         | 2.67E-07          | 6.27E-07         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Rains         | 48379 | R                    | 1.76E-05                                                               | 1.76E-05 | 1.76E-05 | 4.72E-05 | 4.72E-05 | 7.68E-05 | 7.68E-05 | 7.68E-05 | 3.75E-08                         | 4.00E-05          | 7.18E-06         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Randall       | 48381 | U                    | 1.92E-04                                                               | 2.09E-04 | 2.68E-04 | 3.28E-04 | 3.19E-04 | 3.73E-04 | 4.09E-04 | 4.41E-04 | 0.00E+00                         | 2.39E-04          | 1.84E-05         | 6.17E-05          | 0.00E+00                |
| Texas                                                                                           | Reagan        | 48383 | U                    | 1.75E-06                                                               | 1.75E-06 | 1.75E-06 | 1.75E-06 | 1.75E-06 | 1.75E-06 | 1.75E-06 | 1.75E-06 | 0.00E+00                         | 1.18E-06          | 5.68E-07         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Real          | 48385 | R                    | 3.75E-05                                                               | 3.75E-05 | 3.75E-05 | 3.75E-05 | 3.75E-05 | 3.75E-05 | 3.75E-05 | 3.75E-05 | 0.00E+00                         | 3.68E-05          | 7.30E-07         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Red River     | 48387 | R                    | 2.63E-05                                                               | 2.63E-05 | 4.22E-05 | 6.60E-05 | 1.70E-04 | 9.97E-05 | 7.19E-04 | 7.19E-04 | 1.20E-04                         | 4.39E-05          | 5.82E-06         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Reeves        | 48389 | U                    | 2.02E-06                                                               | 2.02E-06 | 3.84E-06 | 1.25E-04 | 7.75E-05 | 1.27E-04 | 1.30E-04 | 1.30E-04 | 0.00E+00                         | 6.19E-05          | 1.55E-05         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Refugio       | 48391 | R                    | 1.69E-05                                                               | 1.69E-05 | 1.69E-05 | 8.33E-05 | 1.01E-04 | 2.02E-04 | 2.02E-04 | 2.02E-04 | 1.62E-05                         | 7.36E-05          | 3.44E-06         | 7.46E-06          | 0.00E+00                |
| Texas                                                                                           | Roberts       | 48393 | R                    | 2.62E-06                                                               | 2.62E-06 | 2.62E-06 | 2.62E-06 | 2.62E-06 | 2.62E-06 | 2.62E-06 | 2.62E-06 | 1.55E-06                         | 5.99E-07          | 4.71E-07         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Robertson     | 48395 | R                    | 1.48E-05                                                               | 1.48E-05 | 2.10E-05 | 2.41E-05 | 4.59E-05 | 7.49E-05 | 9.48E-05 | 9.48E-05 | 2.24E-06                         | 3.77E-05          | 5.66E-06         | 3.12E-07          | 0.00E+00                |
| Texas                                                                                           | Rockwall      | 48397 | U                    | 1.53E-03                                                               | 1.53E-03 | 1.56E-03 | 1.61E-03 | 1.75E-03 | 1.70E-03 | 2.48E-03 | 2.48E-03 | 7.62E-06                         | 1.49E-03          | 2.41E-05         | 2.27E-04          | 0.00E+00                |
| Texas                                                                                           | Runnels       | 48399 | U                    | 1.07E-05                                                               | 1.07E-05 | 1.38E-05 | 5.13E-05 | 3.64E-05 | 5.15E-05 | 5.48E-05 | 5.48E-05 | 0.00E+00                         | 2.95E-05          | 6.83E-06         | 4.43E-08          | 0.00E+00                |
| Texas                                                                                           | Rusk          | 48401 | R                    | 1.16E-04                                                               | 1.86E-04 | 2.19E-04 | 2.88E-04 | 2.90E-04 | 3.41E-04 | 3.81E-04 | 5.30E-04 | 8.71E-05                         | 1.85E-04          | 1.78E-05         | 2.80E-07          | 0.00E+00                |
| Texas                                                                                           | Sabine        | 48403 | R                    | 4.05E-05                                                               | 4.05E-05 | 7.62E-05 | 1.19E-04 | 1.04E-04 | 1.32E-04 | 1.38E-04 | 1.38E-04 | 5.70E-05                         | 4.30E-05          | 4.09E-06         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | San Augustine | 48405 | R                    | 5.31E-05                                                               | 5.31E-05 | 5.31E-05 | 1.47E-04 | 1.27E-04 | 1.80E-04 | 1.80E-04 | 1.80E-04 | 8.39E-05                         | 3.69E-05          | 6.05E-06         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | San Jacinto   | 48407 | R                    | 6.19E-05                                                               | 6.19E-05 | 6.19E-05 | 1.17E-04 | 2.27E-04 | 5.02E-04 | 5.02E-04 | 5.02E-04 | 1.23E-04                         | 9.35E-05          | 9.57E-06         | 6.90E-07          | 0.00E+00                |
| Texas                                                                                           | San Patricio  | 48409 | U                    | 3.11E-04                                                               | 3.31E-04 | 6.12E-04 | 8.43E-04 | 1.09E-03 | 1.25E-03 | 1.87E-03 | 4.05E-03 | 2.13E-04                         | 7.29E-04          | 1.20E-05         | 1.35E-04          | 0.00E+00                |
| Texas                                                                                           | San Saba      | 48411 | R                    | 4.20E-06                                                               | 4.20E-06 | 4.20E-06 | 5.50E-06 | 5.50E-06 | 6.80E-06 | 6.80E-06 | 6.80E-06 | 0.00E+00                         | 4.22E-06          | 1.28E-06         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Schleicher    | 48413 | R                    | 1.50E-06                                                               | 1.50E-06 | 1.50E-06 | 3.40E-06 | 3.40E-06 | 5.30E-06 | 5.30E-06 | 5.30E-06 | 0.00E+00                         | 1.58E-06          | 1.82E-06         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Scurry        | 48415 | U                    | 9.87E-06                                                               | 9.87E-06 | 1.15E-05 | 2.05E-05 | 2.78E-05 | 2.10E-05 | 7.59E-05 | 7.59E-05 | 0.00E+00                         | 2.12E-05          | 6.59E-06         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Shackelford   | 48417 | R                    | 5.18E-06                                                               | 5.18E-06 | 5.18E-06 | 4.07E-05 | 4.07E-05 | 7.61E-05 | 7.61E-05 | 7.61E-05 | 0.00E+00                         | 3.01E-06          | 1.60E-06         | 3.60E-05          | 0.00E+00                |
| Texas                                                                                           | Shelby        | 48419 | R                    | 1.99E-04                                                               | 1.99E-04 | 3.08E-04 | 5.00E-04 | 5.56E-04 | 6.27E-04 | 1.20E-03 | 1.20E-03 | 4.69E-04                         | 7.88E-05          | 7.87E-06         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Sherman       | 48421 | R                    | 2.55E-06                                                               | 2.55E-06 | 2.55E-06 | 3.26E-06 | 3.26E-06 | 3.97E-06 | 3.97E-06 | 3.97E-06 | 0.00E+00                         | 2.23E-06          | 1.04E-06         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Smith         | 48423 | U                    | 2.07E-04                                                               | 2.68E-04 | 3.66E-04 | 5.17E-04 | 6.18E-04 | 7.73E-04 | 9.15E-04 | 1.67E-03 | 3.87E-04                         | 2.15E-04          | 1.60E-05         | 9.27E-08          | 0.00E+00                |
| Texas                                                                                           | Somervell     | 48425 | R                    | 6.92E-05                                                               | 6.92E-05 | 6.92E-05 | 6.96E-05 | 6.96E-05 | 6.99E-05 | 6.99E-05 | 6.99E-05 | 0.00E+00                         | 5.29E-05          | 1.67E-05         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Starr         | 48427 | R                    | 1.16E-05                                                               | 1.16E-05 | 1.40E-05 | 4.37E-05 | 4.66E-05 | 5.14E-05 | 1.15E-04 | 1.15E-04 | 0.00E+00                         | 2.32E-05          | 1.82E-05         | 5.17E-06          | 0.00E+00                |
| Texas                                                                                           | Stephens      | 48429 | U                    | 9.86E-06                                                               | 9.86E-06 | 1.20E-05 | 2.87E-05 | 2.77E-05 | 4.33E-05 | 4.33E-05 | 4.33E-05 | 0.00E+00                         | 1.94E-05          | 8.24E-06         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Sterling      | 48431 | R                    | 3.90E-07                                                               | 3.90E-07 | 3.90E-07 | 3.90E-07 | 3.90E-07 | 3.90E-07 | 3.90E-07 | 3.90E-07 | 0.00E+00                         | 9.46E-08          | 2.95E-07         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Stonewall     | 48433 | R                    | 2.50E-06                                                               | 2.50E-06 | 2.50E-06 | 2.64E-06 | 2.64E-06 | 2.77E-06 | 2.77E-06 | 2.77E-06 | 0.00E+00                         | 1.89E-06          | 7.48E-07         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Sutton        | 48435 | U                    | 4.37E-07                                                               | 4.37E-07 | 4.37E-07 | 1.26E-06 | 1.26E-06 | 2.08E-06 | 2.08E-06 | 2.08E-06 | 0.00E+00                         | 4.21E-07          | 8.36E-07         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Swisher       | 48437 | U                    | 3.83E-06                                                               | 3.83E-06 | 4.94E-06 | 2.56E-05 | 2.50E-05 | 4.51E-05 | 4.51E-05 | 4.51E-05 | 0.00E+00                         | 2.02E-05          | 4.83E-06         | 3.41E-08          | 0.00E+00                |

| Estimated Annual Average Ambient Concentrations ( $\mu\text{g}/\text{m}^3$ ) for Lead Compounds |                    |       |                      |                                                                        |          |          |          |          |          |          |          |                                  |                   |                  |                   |                         |
|-------------------------------------------------------------------------------------------------|--------------------|-------|----------------------|------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------------------------------|-------------------|------------------|-------------------|-------------------------|
| State                                                                                           | County             | FIPS  | Urban<br>or<br>Rural | Percentile Distribution of Ambient Concentrations Across Census Tracts |          |          |          |          |          |          |          | Contribution to Average from ... |                   |                  |                   |                         |
|                                                                                                 |                    |       |                      | 5th                                                                    | 10th     | 25th     | Median   | Average  | 75th     | 90th     | 95th     | Major                            | Area and<br>Other | Onroad<br>Mobile | Nonroad<br>Mobile | Estimated<br>Background |
| Texas                                                                                           | Tarrant            | 48439 | U                    | 1.32E-03                                                               | 1.51E-03 | 1.98E-03 | 2.73E-03 | 4.08E-03 | 4.42E-03 | 7.51E-03 | 1.18E-02 | 8.88E-05                         | 9.02E-04          | 6.27E-05         | 3.03E-03          | 0.00E+00                |
| Texas                                                                                           | Taylor             | 48441 | U                    | 1.77E-04                                                               | 4.22E-04 | 5.78E-04 | 7.49E-04 | 8.79E-04 | 9.76E-04 | 1.44E-03 | 2.08E-03 | 0.00E+00                         | 1.81E-04          | 2.38E-05         | 6.74E-04          | 0.00E+00                |
| Texas                                                                                           | Terrell            | 48443 | R                    | 8.86E-07                                                               | 8.86E-07 | 8.86E-07 | 8.86E-07 | 8.86E-07 | 8.86E-07 | 8.86E-07 | 8.86E-07 | 0.00E+00                         | 7.35E-07          | 1.51E-07         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Terry              | 48445 | U                    | 4.14E-06                                                               | 4.14E-06 | 5.88E-06 | 4.41E-05 | 4.32E-05 | 8.05E-05 | 8.06E-05 | 8.06E-05 | 0.00E+00                         | 3.53E-05          | 7.89E-06         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Throckmorton       | 48447 | R                    | 2.00E-06                                                               | 2.00E-06 | 2.00E-06 | 3.41E-06 | 3.41E-06 | 4.82E-06 | 4.82E-06 | 4.82E-06 | 0.00E+00                         | 2.64E-06          | 7.77E-07         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Titus              | 48449 | U                    | 5.72E-05                                                               | 5.72E-05 | 1.30E-04 | 1.85E-04 | 2.46E-04 | 3.86E-04 | 5.10E-04 | 5.10E-04 | 1.28E-05                         | 2.03E-04          | 3.02E-05         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Tom Green          | 48451 | U                    | 4.46E-05                                                               | 5.29E-05 | 1.11E-04 | 1.25E-04 | 1.57E-04 | 1.79E-04 | 2.74E-04 | 2.75E-04 | 0.00E+00                         | 1.42E-04          | 1.17E-05         | 3.58E-06          | 0.00E+00                |
| Texas                                                                                           | Travis             | 48453 | U                    | 2.20E-04                                                               | 2.42E-04 | 5.97E-04 | 1.73E-03 | 5.34E-03 | 5.09E-03 | 1.02E-02 | 1.68E-02 | 1.91E-05                         | 2.95E-04          | 3.24E-05         | 4.99E-03          | 0.00E+00                |
| Texas                                                                                           | Trinity            | 48455 | R                    | 2.37E-05                                                               | 2.37E-05 | 2.98E-05 | 3.03E-05 | 4.73E-05 | 4.55E-05 | 1.07E-04 | 1.07E-04 | 1.40E-05                         | 2.50E-05          | 8.34E-06         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Tyler              | 48457 | R                    | 3.59E-05                                                               | 3.59E-05 | 1.47E-04 | 1.94E-04 | 1.91E-04 | 2.29E-04 | 3.48E-04 | 3.48E-04 | 1.25E-04                         | 5.84E-05          | 7.15E-06         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Upshur             | 48459 | R                    | 4.87E-04                                                               | 4.87E-04 | 5.02E-04 | 6.66E-04 | 1.30E-03 | 2.00E-03 | 4.04E-03 | 4.04E-03 | 3.48E-05                         | 1.25E-03          | 1.49E-05         | 3.78E-07          | 0.00E+00                |
| Texas                                                                                           | Upton              | 48461 | R                    | 1.07E-06                                                               | 1.07E-06 | 1.07E-06 | 1.95E-06 | 1.95E-06 | 2.83E-06 | 2.83E-06 | 2.83E-06 | 0.00E+00                         | 8.52E-07          | 1.10E-06         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Uvalde             | 48463 | U                    | 6.50E-06                                                               | 6.50E-06 | 9.91E-06 | 6.70E-05 | 5.95E-05 | 9.00E-05 | 1.24E-04 | 1.24E-04 | 0.00E+00                         | 4.39E-05          | 1.56E-05         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Val Verde          | 48465 | U                    | 5.20E-06                                                               | 5.20E-06 | 1.78E-05 | 5.48E-05 | 5.41E-05 | 1.00E-04 | 1.13E-04 | 1.13E-04 | 0.00E+00                         | 2.95E-05          | 2.46E-05         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Van Zandt          | 48467 | R                    | 1.64E-04                                                               | 1.74E-04 | 1.89E-04 | 2.74E-04 | 2.72E-04 | 3.14E-04 | 3.87E-04 | 3.88E-04 | 9.63E-05                         | 1.63E-04          | 1.26E-05         | 2.77E-08          | 0.00E+00                |
| Texas                                                                                           | Victoria           | 48469 | U                    | 4.51E-05                                                               | 4.65E-05 | 8.01E-05 | 1.70E-04 | 1.57E-04 | 2.07E-04 | 2.40E-04 | 2.54E-04 | 6.79E-07                         | 7.45E-05          | 7.24E-06         | 7.45E-05          | 0.00E+00                |
| Texas                                                                                           | Walker             | 48471 | U                    | 3.27E-05                                                               | 3.27E-05 | 5.60E-05 | 1.66E-04 | 3.59E-04 | 2.61E-04 | 1.87E-03 | 1.87E-03 | 2.24E-04                         | 1.00E-04          | 3.41E-05         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Waller             | 48473 | U                    | 5.23E-05                                                               | 5.23E-05 | 1.23E-04 | 6.11E-04 | 5.00E-04 | 7.91E-04 | 8.95E-04 | 8.95E-04 | 2.50E-04                         | 2.27E-04          | 1.82E-05         | 4.23E-06          | 0.00E+00                |
| Texas                                                                                           | Ward               | 48475 | U                    | 5.81E-06                                                               | 5.81E-06 | 7.96E-06 | 8.82E-06 | 7.99E-05 | 1.88E-04 | 1.88E-04 | 1.88E-04 | 0.00E+00                         | 6.65E-05          | 1.34E-05         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Washington         | 48477 | R                    | 3.33E-05                                                               | 3.33E-05 | 4.41E-05 | 8.79E-05 | 8.80E-05 | 1.36E-04 | 1.39E-04 | 1.39E-04 | 9.67E-07                         | 6.42E-05          | 2.26E-05         | 2.33E-07          | 0.00E+00                |
| Texas                                                                                           | Webb               | 48479 | U                    | 1.64E-05                                                               | 6.14E-05 | 1.87E-04 | 2.99E-04 | 3.70E-04 | 4.23E-04 | 8.57E-04 | 8.75E-04 | 0.00E+00                         | 1.22E-04          | 8.91E-06         | 2.39E-04          | 0.00E+00                |
| Texas                                                                                           | Wharton            | 48481 | R                    | 1.74E-05                                                               | 4.56E-05 | 5.20E-05 | 9.31E-05 | 1.75E-04 | 2.41E-04 | 3.67E-04 | 5.21E-04 | 6.97E-05                         | 8.81E-05          | 1.70E-05         | 1.03E-07          | 0.00E+00                |
| Texas                                                                                           | Wheeler            | 48483 | R                    | 3.14E-06                                                               | 3.14E-06 | 3.14E-06 | 4.26E-06 | 4.26E-06 | 5.38E-06 | 5.38E-06 | 5.38E-06 | 0.00E+00                         | 3.15E-06          | 1.11E-06         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Wichita            | 48485 | U                    | 1.68E-04                                                               | 2.05E-04 | 2.66E-04 | 3.83E-04 | 5.27E-04 | 5.83E-04 | 8.11E-04 | 2.19E-03 | 3.72E-06                         | 1.25E-04          | 1.50E-05         | 3.84E-04          | 0.00E+00                |
| Texas                                                                                           | Wilbarger          | 48487 | U                    | 9.91E-06                                                               | 9.91E-06 | 1.25E-05 | 7.53E-05 | 5.93E-05 | 9.45E-05 | 1.24E-04 | 1.24E-04 | 5.32E-06                         | 4.08E-05          | 1.32E-05         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Willacy            | 48489 | R                    | 5.94E-05                                                               | 5.94E-05 | 1.98E-04 | 3.15E-04 | 3.02E-04 | 3.85E-04 | 5.37E-04 | 5.37E-04 | 0.00E+00                         | 2.57E-05          | 1.00E-05         | 2.66E-04          | 0.00E+00                |
| Texas                                                                                           | Williamson         | 48491 | U                    | 9.86E-05                                                               | 1.01E-04 | 1.94E-04 | 6.60E-04 | 9.46E-04 | 1.58E-03 | 2.26E-03 | 2.50E-03 | 8.87E-06                         | 1.41E-04          | 1.77E-05         | 7.78E-04          | 0.00E+00                |
| Texas                                                                                           | Wilson             | 48493 | U                    | 3.34E-05                                                               | 3.34E-05 | 4.08E-05 | 1.48E-04 | 2.04E-04 | 3.53E-04 | 5.03E-04 | 5.03E-04 | 8.45E-06                         | 1.34E-04          | 1.20E-05         | 4.97E-05          | 0.00E+00                |
| Texas                                                                                           | Winkler            | 48495 | U                    | 1.15E-05                                                               | 1.15E-05 | 1.94E-04 | 3.77E-04 | 2.86E-04 | 3.78E-04 | 3.80E-04 | 3.80E-04 | 0.00E+00                         | 2.66E-04          | 1.99E-05         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Wise               | 48497 | R                    | 1.70E-05                                                               | 1.70E-05 | 6.20E-05 | 6.27E-05 | 6.75E-05 | 6.57E-05 | 1.35E-04 | 1.35E-04 | 1.78E-07                         | 5.35E-05          | 1.38E-05         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Wood               | 48499 | R                    | 5.16E-05                                                               | 5.16E-05 | 1.92E-04 | 4.08E-04 | 3.67E-04 | 5.29E-04 | 6.27E-04 | 6.27E-04 | 2.74E-04                         | 7.73E-05          | 1.55E-05         | 2.39E-08          | 0.00E+00                |
| Texas                                                                                           | Yoakum             | 48501 | U                    | 3.07E-06                                                               | 3.07E-06 | 3.07E-06 | 1.10E-05 | 1.10E-05 | 1.90E-05 | 1.90E-05 | 1.90E-05 | 0.00E+00                         | 2.23E-06          | 2.18E-06         | 6.62E-06          | 0.00E+00                |
| Texas                                                                                           | Young              | 48503 | U                    | 7.73E-06                                                               | 7.73E-06 | 7.97E-06 | 8.49E-05 | 1.15E-04 | 2.53E-04 | 2.53E-04 | 2.53E-04 | 0.00E+00                         | 1.04E-04          | 1.07E-05         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Zapata             | 48505 | R                    | 1.00E-06                                                               | 1.00E-06 | 1.00E-06 | 2.60E-06 | 7.02E-06 | 1.75E-05 | 1.75E-05 | 1.75E-05 | 0.00E+00                         | 3.05E-06          | 3.98E-06         | 0.00E+00          | 0.00E+00                |
| Texas                                                                                           | Zavala             | 48507 | U                    | 2.33E-06                                                               | 2.33E-06 | 2.33E-06 | 3.21E-06 | 3.27E-06 | 4.26E-06 | 4.26E-06 | 4.26E-06 | 0.00E+00                         | 1.04E-06          | 2.22E-06         | 0.00E+00          | 0.00E+00                |
| Utah                                                                                            | Statewide          | N/A   | N/A                  | 5.87E-06                                                               | 1.34E-05 | 1.55E-04 | 8.55E-04 | 1.24E-03 | 1.97E-03 | 2.77E-03 | 3.25E-03 | 1.30E-04                         | 3.61E-04          | 2.86E-05         | 7.16E-04          | 0.00E+00                |
| Utah                                                                                            | All Urban Counties | N/A   | U                    | 4.53E-05                                                               | 1.10E-04 | 4.36E-04 | 1.27E-03 | 1.46E-03 | 2.12E-03 | 2.88E-03 | 3.38E-03 | 1.54E-04                         | 4.24E-04          | 3.29E-05         | 8.47E-04          | 0.00E+00                |
| Utah                                                                                            | All Rural Counties | N/A   | R                    | 1.30E-06                                                               | 1.78E-06 | 5.54E-06 | 1.57E-05 | 6.69E-05 | 5.58E-05 | 2.47E-04 | 3.15E-04 | 5.31E-06                         | 2.85E-05          | 5.99E-06         | 2.71E-05          | 0.00E+00                |
| Utah                                                                                            | Beaver             | 49001 | R                    | 1.30E-06                                                               | 1.30E-06 | 1.30E-06 | 2.15E-06 | 2.15E-06 | 3.00E-06 | 3.00E-06 | 3.00E-06 | 0.00E+00                         | 1.32E-06          | 8.27E-07         | 0.00E+00          | 0.00E+00                |
| Utah                                                                                            | Box Elder          | 49003 | U                    | 4.65E-05                                                               | 4.65E-05 | 1.12E-04 | 1.37E-04 | 1.36E-04 | 1.70E-04 | 2.06E-04 | 2.06E-04 | 1.94E-06                         | 1.26E-04          | 8.97E-06         | 1.30E-08          | 0.00E+00                |
| Utah                                                                                            | Cache              | 49005 | U                    | 1.13E-05                                                               | 1.16E-05 | 5.80E-05 | 2.24E-04 | 4.09E-04 | 6.17E-04 | 1.35E-03 | 1.47E-03 | 5.60E-07                         | 4.03E-04          | 4.79E-06         | 3.08E-10          | 0.00E+00                |
| Utah                                                                                            | Carbon             | 49007 | R                    | 1.38E-05                                                               | 1.38E-05 | 2.67E-05 | 1.18E-04 | 1.67E-04 | 3.15E-04 | 4.12E-04 | 4.12E-04 | 2.18E-05                         | 1.20E-04          | 2.56E-05         | 0.00E+00          | 0.00E+00                |
| Utah                                                                                            | Daggett            | 49009 | R                    | 8.35E-07                                                               | 8.35E-07 | 8.35E-07 | 8.35E-07 | 8.35E-07 | 8.35E-07 | 8.35E-07 | 8.35E-07 | 0.00E+00                         | 4.46E-07          | 3.88E-07         | 0.00E+00          | 0.00E+00                |
| Utah                                                                                            | Davis              | 49011 | U                    | 7.23E-04                                                               | 7.65E-04 | 8.90E-04 | 1.11E-03 | 1.23E-03 | 1.45E-03 | 1.86E-03 | 2.13E-03 | 1.88E-04                         | 3.64E-04          | 2.90E-05         | 6.52E-04          | 0.00E+00                |
| Utah                                                                                            | Duchesne           | 49013 | R                    | 1.78E-06                                                               | 1.78E-06 | 5.24E-06 | 1.20E-05 | 4.04E-05 | 9.15E-05 | 9.17E-05 | 9.17E-05 | 0.00E+00                         | 3.16E-05          | 7.06E-06         | 1.75E-06          | 0.00E+00                |
| Utah                                                                                            | Emery              | 49015 | R                    | 3.16E-06                                                               | 3.16E-06 | 6.82E-06 | 1.15E-05 | 2.84E-05 | 5.00E-05 | 8.76E-05 | 8.76E-05 | 2.14E-05                         | 2.60E-06          | 1.66E-06         | 2.72E-06          | 0.00E+00                |
| Utah                                                                                            | Garfield           | 49017 | R                    | 1.26E-05                                                               | 1.26E-05 | 1.26E-05 | 1.71E-05 | 1.73E-05 | 2.23E-05 | 2.23E-05 | 2.23E-05 | 3.94E-06                         | 9.06E-07          | 3.66E-07         | 1.21E-05          | 0.00E+00                |
| Utah                                                                                            | Grand              | 49019 | U                    | 5.94E-05                                                               | 5.94E-05 | 5.94E-05 | 6.53E-05 | 6.53E-05 | 7.11E-05 | 7.11E-05 | 7.11E-05 | 0.00E+00                         | 4.44E-05          | 5.39E-06         | 1.55E-05          | 0.00E+00                |
| Utah                                                                                            | Iron               | 49021 | U                    | 1.55E-05                                                               | 1.55E-05 | 4.53E-05 | 6.70E-05 | 2.44E-04 | 1.83E-04 | 9.07E-04 | 9.07E-04 | 0.00E+00                         | 1.94E-04          | 1.11E-05         | 3.87E-05          | 0.00E+00                |
| Utah                                                                                            | Juab               | 49023 | U                    | 3.36E-06                                                               | 3.36E-06 | 3.36E-06 | 3.19E-05 | 3.19E-05 | 6.04E-05 | 6.04E-05 | 6.04E-05 | 1.51E-05                         | 1.24E-05          | 4.35E-06         | 0.00E+00          | 0.00E+00                |

| Estimated Annual Average Ambient Concentrations (µg/m <sup>3</sup> ) for Lead Compounds |                    |       |                      |                                                                        |          |          |          |          |          |          |          |                                  |                   |                  |                   |                         |
|-----------------------------------------------------------------------------------------|--------------------|-------|----------------------|------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------------------------------|-------------------|------------------|-------------------|-------------------------|
| State                                                                                   | County             | FIPS  | Urban<br>or<br>Rural | Percentile Distribution of Ambient Concentrations Across Census Tracts |          |          |          |          |          |          |          | Contribution to Average from ... |                   |                  |                   |                         |
|                                                                                         |                    |       |                      | 5th                                                                    | 10th     | 25th     | Median   | Average  | 75th     | 90th     | 95th     | Major                            | Area and<br>Other | Onroad<br>Mobile | Nonroad<br>Mobile | Estimated<br>Background |
| Utah                                                                                    | Kane               | 49025 | U                    | 1.99E-06                                                               | 1.99E-06 | 1.99E-06 | 3.54E-06 | 3.54E-06 | 5.08E-06 | 5.08E-06 | 5.08E-06 | 0.00E+00                         | 2.79E-06          | 7.42E-07         | 0.00E+00          | 0.00E+00                |
| Utah                                                                                    | Millard            | 49027 | R                    | 3.05E-06                                                               | 3.05E-06 | 3.05E-06 | 7.37E-06 | 1.07E-05 | 2.16E-05 | 2.16E-05 | 2.16E-05 | 3.74E-06                         | 5.32E-06          | 1.61E-06         | 0.00E+00          | 0.00E+00                |
| Utah                                                                                    | Morgan             | 49029 | R                    | 1.99E-04                                                               | 1.99E-04 | 1.99E-04 | 2.23E-04 | 2.23E-04 | 2.47E-04 | 2.47E-04 | 2.47E-04 | 3.14E-05                         | 3.30E-05          | 3.96E-06         | 1.55E-04          | 0.00E+00                |
| Utah                                                                                    | Piute              | 49031 | R                    | 1.19E-06                                                               | 1.19E-06 | 1.19E-06 | 1.19E-06 | 1.19E-06 | 1.19E-06 | 1.19E-06 | 1.19E-06 | 0.00E+00                         | 7.25E-07          | 4.61E-07         | 0.00E+00          | 0.00E+00                |
| Utah                                                                                    | Rich               | 49033 | R                    | 1.33E-06                                                               | 1.33E-06 | 1.33E-06 | 1.48E-06 | 1.48E-06 | 1.63E-06 | 1.63E-06 | 1.63E-06 | 0.00E+00                         | 1.18E-06          | 2.98E-07         | 0.00E+00          | 0.00E+00                |
| Utah                                                                                    | Salt Lake          | 49035 | U                    | 1.29E-03                                                               | 1.37E-03 | 1.70E-03 | 2.16E-03 | 2.46E-03 | 2.77E-03 | 3.44E-03 | 4.64E-03 | 2.65E-04                         | 6.21E-04          | 4.61E-05         | 1.53E-03          | 0.00E+00                |
| Utah                                                                                    | San Juan           | 49037 | R                    | 2.10E-06                                                               | 2.10E-06 | 2.20E-06 | 2.35E-06 | 2.49E-06 | 2.78E-06 | 3.16E-06 | 3.16E-06 | 0.00E+00                         | 1.52E-06          | 6.60E-07         | 3.06E-07          | 0.00E+00                |
| Utah                                                                                    | Sanpete            | 49039 | R                    | 6.51E-06                                                               | 6.51E-06 | 1.49E-05 | 2.05E-05 | 2.21E-05 | 2.55E-05 | 4.31E-05 | 4.31E-05 | 0.00E+00                         | 1.48E-05          | 7.33E-06         | 0.00E+00          | 0.00E+00                |
| Utah                                                                                    | Sevier             | 49041 | R                    | 1.47E-05                                                               | 1.47E-05 | 1.96E-05 | 2.02E-05 | 5.07E-05 | 9.95E-05 | 9.95E-05 | 9.95E-05 | 6.26E-07                         | 4.22E-05          | 7.89E-06         | 0.00E+00          | 0.00E+00                |
| Utah                                                                                    | Summit             | 49043 | R                    | 5.91E-06                                                               | 5.91E-06 | 9.44E-06 | 1.32E-04 | 1.54E-04 | 2.98E-04 | 3.44E-04 | 3.44E-04 | 6.34E-06                         | 2.97E-05          | 4.61E-06         | 1.13E-04          | 0.00E+00                |
| Utah                                                                                    | Tooele             | 49045 | U                    | 3.56E-04                                                               | 3.56E-04 | 6.76E-04 | 7.36E-04 | 7.01E-04 | 8.06E-04 | 8.85E-04 | 8.85E-04 | 1.97E-04                         | 2.74E-04          | 1.49E-05         | 2.15E-04          | 0.00E+00                |
| Utah                                                                                    | Uintah             | 49047 | R                    | 1.65E-05                                                               | 1.65E-05 | 3.61E-05 | 6.84E-05 | 2.46E-04 | 3.13E-04 | 7.98E-04 | 7.98E-04 | 1.77E-06                         | 5.28E-05          | 7.95E-06         | 1.84E-04          | 0.00E+00                |
| Utah                                                                                    | Utah               | 49049 | U                    | 8.97E-06                                                               | 3.28E-05 | 1.15E-04 | 2.45E-04 | 3.15E-04 | 4.75E-04 | 6.27E-04 | 7.06E-04 | 1.74E-05                         | 2.28E-04          | 2.35E-05         | 4.56E-05          | 0.00E+00                |
| Utah                                                                                    | Wasatch            | 49051 | R                    | 3.90E-06                                                               | 5.83E-06 | 8.47E-06 | 1.18E-05 | 1.84E-05 | 3.05E-05 | 3.18E-05 | 4.14E-05 | 4.68E-08                         | 1.53E-05          | 3.05E-06         | 0.00E+00          | 0.00E+00                |
| Utah                                                                                    | Washington         | 49053 | U                    | 1.76E-05                                                               | 2.68E-05 | 3.75E-05 | 3.11E-04 | 7.58E-04 | 1.54E-03 | 2.38E-03 | 2.82E-03 | 0.00E+00                         | 1.20E-04          | 3.31E-05         | 6.05E-04          | 0.00E+00                |
| Utah                                                                                    | Wayne              | 49055 | R                    | 1.15E-06                                                               | 1.15E-06 | 1.15E-06 | 1.15E-06 | 1.15E-06 | 1.15E-06 | 1.15E-06 | 1.15E-06 | 0.00E+00                         | 6.81E-07          | 4.69E-07         | 0.00E+00          | 0.00E+00                |
| Utah                                                                                    | Weber              | 49057 | U                    | 1.13E-04                                                               | 1.94E-04 | 2.45E-04 | 6.81E-04 | 5.91E-04 | 7.79E-04 | 9.43E-04 | 1.13E-03 | 3.20E-05                         | 2.13E-04          | 2.50E-05         | 3.21E-04          | 0.00E+00                |
| Vermont                                                                                 | Statewide          | N/A   | N/A                  | 3.86E-05                                                               | 5.35E-05 | 8.73E-05 | 1.78E-04 | 9.61E-04 | 4.30E-04 | 1.52E-03 | 4.29E-03 | 1.03E-05                         | 1.43E-04          | 1.57E-05         | 7.92E-04          | 0.00E+00                |
| Vermont                                                                                 | All Rural Counties | N/A   | R                    | 3.86E-05                                                               | 5.35E-05 | 8.73E-05 | 1.78E-04 | 9.61E-04 | 4.30E-04 | 1.52E-03 | 4.29E-03 | 1.03E-05                         | 1.43E-04          | 1.57E-05         | 7.92E-04          | 0.00E+00                |
| Vermont                                                                                 | Addison            | 50001 | R                    | 6.02E-05                                                               | 6.26E-05 | 6.62E-05 | 1.24E-04 | 2.38E-04 | 4.18E-04 | 4.62E-04 | 7.17E-04 | 1.06E-05                         | 6.45E-05          | 9.39E-06         | 1.54E-04          | 0.00E+00                |
| Vermont                                                                                 | Bennington         | 50003 | R                    | 5.35E-05                                                               | 8.67E-05 | 1.05E-04 | 1.74E-04 | 2.52E-04 | 3.47E-04 | 4.97E-04 | 6.76E-04 | 9.71E-05                         | 1.07E-04          | 1.39E-05         | 3.46E-05          | 0.00E+00                |
| Vermont                                                                                 | Caledonia          | 50005 | R                    | 3.86E-05                                                               | 4.56E-05 | 5.89E-05 | 9.01E-05 | 1.23E-04 | 1.78E-04 | 2.46E-04 | 2.46E-04 | 1.40E-05                         | 9.95E-05          | 9.96E-06         | 0.00E+00          | 0.00E+00                |
| Vermont                                                                                 | Chittenden         | 50007 | R                    | 9.87E-04                                                               | 1.12E-03 | 1.37E-03 | 3.70E-03 | 5.33E-03 | 4.99E-03 | 7.57E-03 | 1.18E-02 | 0.00E+00                         | 4.40E-04          | 2.76E-05         | 4.86E-03          | 0.00E+00                |
| Vermont                                                                                 | Essex              | 50009 | R                    | 3.79E-05                                                               | 3.79E-05 | 5.19E-05 | 6.71E-05 | 6.77E-05 | 8.34E-05 | 9.88E-05 | 9.88E-05 | 3.85E-05                         | 2.54E-05          | 3.77E-06         | 0.00E+00          | 0.00E+00                |
| Vermont                                                                                 | Franklin           | 50011 | R                    | 2.57E-05                                                               | 2.81E-05 | 3.50E-05 | 6.93E-04 | 6.30E-04 | 9.79E-04 | 1.30E-03 | 1.52E-03 | 0.00E+00                         | 8.34E-05          | 8.62E-06         | 5.38E-04          | 0.00E+00                |
| Vermont                                                                                 | Grand Isle         | 50013 | R                    | 9.56E-05                                                               | 9.56E-05 | 9.56E-05 | 2.79E-04 | 2.79E-04 | 4.63E-04 | 4.63E-04 | 4.63E-04 | 0.00E+00                         | 2.57E-05          | 5.43E-06         | 2.48E-04          | 0.00E+00                |
| Vermont                                                                                 | Lamoille           | 50015 | R                    | 4.33E-05                                                               | 4.33E-05 | 1.12E-04 | 1.36E-04 | 1.86E-04 | 2.83E-04 | 3.86E-04 | 3.86E-04 | 0.00E+00                         | 6.92E-05          | 8.11E-06         | 1.08E-04          | 0.00E+00                |
| Vermont                                                                                 | Orange             | 50017 | R                    | 3.19E-05                                                               | 3.19E-05 | 8.37E-05 | 1.25E-04 | 1.33E-04 | 1.78E-04 | 3.06E-04 | 3.06E-04 | 0.00E+00                         | 5.13E-05          | 9.12E-06         | 7.22E-05          | 0.00E+00                |
| Vermont                                                                                 | Orleans            | 50019 | R                    | 2.32E-05                                                               | 2.48E-05 | 2.72E-05 | 4.38E-05 | 5.33E-05 | 6.21E-05 | 1.08E-04 | 1.31E-04 | 0.00E+00                         | 4.57E-05          | 7.63E-06         | 0.00E+00          | 0.00E+00                |
| Vermont                                                                                 | Rutland            | 50021 | R                    | 5.48E-05                                                               | 9.99E-05 | 1.46E-04 | 2.15E-04 | 2.77E-04 | 3.52E-04 | 5.61E-04 | 7.02E-04 | 2.75E-06                         | 1.74E-04          | 1.61E-05         | 8.44E-05          | 0.00E+00                |
| Vermont                                                                                 | Washington         | 50023 | R                    | 4.23E-05                                                               | 4.75E-05 | 6.69E-05 | 1.90E-04 | 2.17E-04 | 3.47E-04 | 4.80E-04 | 4.96E-04 | 0.00E+00                         | 1.08E-04          | 2.08E-05         | 8.91E-05          | 0.00E+00                |
| Vermont                                                                                 | Windham            | 50025 | R                    | 5.43E-05                                                               | 6.64E-05 | 8.73E-05 | 1.01E-04 | 1.16E-04 | 1.36E-04 | 2.10E-04 | 2.15E-04 | 2.86E-06                         | 6.94E-05          | 2.30E-05         | 2.03E-05          | 0.00E+00                |
| Vermont                                                                                 | Windsor            | 50027 | R                    | 1.14E-04                                                               | 1.18E-04 | 1.23E-04 | 1.72E-04 | 2.91E-04 | 2.38E-04 | 1.04E-03 | 1.21E-03 | 3.79E-06                         | 8.60E-05          | 1.28E-05         | 1.88E-04          | 0.00E+00                |
| Virginia                                                                                | Statewide          | N/A   | N/A                  | 1.02E-04                                                               | 1.64E-04 | 4.59E-04 | 1.26E-03 | 3.58E-03 | 3.17E-03 | 5.34E-03 | 9.03E-03 | 2.20E-04                         | 9.12E-04          | 5.08E-05         | 2.40E-03          | 0.00E+00                |
| Virginia                                                                                | All Urban Counties | N/A   | U                    | 2.99E-04                                                               | 4.57E-04 | 9.11E-04 | 1.80E-03 | 4.47E-03 | 3.65E-03 | 5.95E-03 | 1.01E-02 | 1.74E-04                         | 1.08E-03          | 6.20E-05         | 3.16E-03          | 0.00E+00                |
| Virginia                                                                                | All Rural Counties | N/A   | R                    | 5.68E-05                                                               | 7.58E-05 | 1.27E-04 | 2.43E-04 | 9.89E-04 | 7.75E-04 | 1.97E-03 | 3.18E-03 | 3.51E-04                         | 4.37E-04          | 1.87E-05         | 1.81E-04          | 0.00E+00                |
| Virginia                                                                                | Accomack           | 51001 | R                    | 5.89E-05                                                               | 5.89E-05 | 6.76E-05 | 7.56E-05 | 1.00E-04 | 1.32E-04 | 2.07E-04 | 2.07E-04 | 0.00E+00                         | 4.72E-05          | 1.11E-05         | 4.20E-05          | 0.00E+00                |
| Virginia                                                                                | Albemarle          | 51003 | R                    | 5.95E-05                                                               | 8.56E-05 | 1.52E-04 | 3.16E-04 | 5.60E-04 | 6.14E-04 | 2.00E-03 | 2.76E-03 | 2.56E-05                         | 5.02E-04          | 1.62E-05         | 1.59E-05          | 0.00E+00                |
| Virginia                                                                                | Alleghany          | 51005 | R                    | 1.20E-04                                                               | 1.20E-04 | 1.25E-04 | 1.31E-04 | 2.10E-04 | 2.36E-04 | 4.45E-04 | 4.45E-04 | 4.71E-05                         | 1.01E-04          | 1.92E-05         | 4.20E-05          | 0.00E+00                |
| Virginia                                                                                | Amelia             | 51007 | R                    | 9.65E-05                                                               | 9.65E-05 | 9.65E-05 | 1.03E-04 | 1.03E-04 | 1.10E-04 | 1.10E-04 | 1.10E-04 | 1.08E-05                         | 8.23E-05          | 1.01E-05         | 1.92E-07          | 0.00E+00                |
| Virginia                                                                                | Amherst            | 51009 | R                    | 4.88E-04                                                               | 4.88E-04 | 8.73E-04 | 1.36E-03 | 1.60E-03 | 2.42E-03 | 3.02E-03 | 3.02E-03 | 1.75E-05                         | 9.00E-04          | 1.93E-05         | 6.66E-04          | 0.00E+00                |
| Virginia                                                                                | Appomattox         | 51011 | R                    | 3.23E-04                                                               | 3.23E-04 | 3.23E-04 | 5.04E-04 | 4.56E-04 | 5.42E-04 | 5.42E-04 | 5.42E-04 | 1.07E-05                         | 1.98E-04          | 1.31E-05         | 2.35E-04          | 0.00E+00                |
| Virginia                                                                                | Arlington          | 51013 | U                    | 3.86E-03                                                               | 3.97E-03 | 5.95E-03 | 1.25E-02 | 4.80E-02 | 2.20E-02 | 4.91E-02 | 7.27E-02 | 3.57E-04                         | 2.31E-03          | 1.14E-04         | 4.52E-02          | 0.00E+00                |
| Virginia                                                                                | Augusta            | 51015 | R                    | 4.60E-05                                                               | 6.12E-05 | 8.79E-05 | 1.65E-04 | 2.32E-04 | 2.98E-04 | 6.55E-04 | 6.82E-04 | 6.67E-06                         | 1.07E-04          | 3.25E-05         | 8.59E-05          | 0.00E+00                |
| Virginia                                                                                | Bath               | 51017 | R                    | 8.84E-06                                                               | 8.84E-06 | 8.84E-06 | 8.84E-06 | 8.84E-06 | 8.84E-06 | 8.84E-06 | 8.84E-06 | 1.69E-06                         | 4.98E-06          | 2.17E-06         | 0.00E+00          | 0.00E+00                |
| Virginia                                                                                | Bedford            | 51019 | R                    | 2.06E-04                                                               | 3.34E-04 | 4.29E-04 | 6.02E-04 | 7.37E-04 | 1.04E-03 | 1.38E-03 | 1.41E-03 | 2.89E-05                         | 3.23E-04          | 2.51E-05         | 3.60E-04          | 0.00E+00                |
| Virginia                                                                                | Bland              | 51021 | R                    | 8.54E-05                                                               | 8.54E-05 | 8.54E-05 | 8.56E-05 | 8.56E-05 | 8.58E-05 | 8.58E-05 | 8.58E-05 | 1.35E-06                         | 4.30E-05          | 7.81E-06         | 3.34E-05          | 0.00E+00                |
| Virginia                                                                                | Botetourt          | 51023 | R                    | 5.63E-05                                                               | 5.63E-05 | 9.28E-05 | 1.07E-04 | 1.54E-04 | 1.86E-04 | 3.28E-04 | 3.28E-04 | 1.79E-05                         | 5.86E-05          | 1.02E-05         | 6.74E-05          | 0.00E+00                |
| Virginia                                                                                | Brunswick          | 51025 | R                    | 3.76E-05                                                               | 3.76E-05 | 3.76E-05 | 1.74E-04 | 1.32E-04 | 1.86E-04 | 1.86E-04 | 1.86E-04 | 9.06E-05                         | 3.57E-05          | 6.03E-06         | 0.00E+00          | 0.00E+00                |
| Virginia                                                                                | Buchanan           | 51027 | R                    | 4.61E-05                                                               | 4.61E-05 | 5.37E-05 | 7.26E-05 | 6.92E-05 | 8.42E-05 | 9.50E-05 | 9.50E-05 | 0.00E+00                         | 5.67E-05          | 1.25E-05         | 0.00E+00          | 0.00E+00                |

| Estimated Annual Average Ambient Concentrations (µg/m <sup>3</sup> ) for Lead Compounds |                |       |                      |                                                                        |          |          |          |          |          |          |          |                                  |                   |                  |                   |                         |
|-----------------------------------------------------------------------------------------|----------------|-------|----------------------|------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------------------------------|-------------------|------------------|-------------------|-------------------------|
| State                                                                                   | County         | FIPS  | Urban<br>or<br>Rural | Percentile Distribution of Ambient Concentrations Across Census Tracts |          |          |          |          |          |          |          | Contribution to Average from ... |                   |                  |                   |                         |
|                                                                                         |                |       |                      | 5th                                                                    | 10th     | 25th     | Median   | Average  | 75th     | 90th     | 95th     | Major                            | Area and<br>Other | Onroad<br>Mobile | Nonroad<br>Mobile | Estimated<br>Background |
| Virginia                                                                                | Buckingham     | 51029 | R                    | 9.48E-05                                                               | 9.48E-05 | 9.48E-05 | 1.75E-04 | 1.75E-04 | 2.56E-04 | 2.56E-04 | 2.56E-04 | 1.25E-04                         | 4.35E-05          | 7.30E-06         | 0.00E+00          | 0.00E+00                |
| Virginia                                                                                | Campbell       | 51031 | R                    | 3.62E-04                                                               | 3.63E-04 | 9.06E-04 | 1.36E-03 | 2.09E-03 | 2.24E-03 | 4.66E-03 | 8.21E-03 | 5.47E-05                         | 3.87E-04          | 2.12E-05         | 1.63E-03          | 0.00E+00                |
| Virginia                                                                                | Caroline       | 51033 | R                    | 8.48E-05                                                               | 8.48E-05 | 1.06E-04 | 1.23E-04 | 1.63E-04 | 1.40E-04 | 4.00E-04 | 4.00E-04 | 3.32E-06                         | 1.07E-04          | 1.84E-05         | 3.45E-05          | 0.00E+00                |
| Virginia                                                                                | Carroll        | 51035 | R                    | 7.73E-05                                                               | 7.73E-05 | 2.16E-04 | 3.75E-04 | 4.58E-04 | 7.40E-04 | 9.01E-04 | 9.01E-04 | 3.77E-04                         | 6.68E-05          | 1.42E-05         | 0.00E+00          | 0.00E+00                |
| Virginia                                                                                | Charles City   | 51036 | U                    | 3.59E-04                                                               | 3.59E-04 | 3.59E-04 | 5.46E-04 | 6.06E-04 | 9.11E-04 | 9.11E-04 | 9.11E-04 | 1.80E-04                         | 1.64E-04          | 7.19E-06         | 2.55E-04          | 0.00E+00                |
| Virginia                                                                                | Charlotte      | 51037 | R                    | 3.88E-05                                                               | 3.88E-05 | 3.88E-05 | 1.04E-04 | 5.15E-04 | 1.40E-03 | 1.40E-03 | 1.40E-03 | 4.72E-04                         | 3.47E-05          | 8.17E-06         | 0.00E+00          | 0.00E+00                |
| Virginia                                                                                | Chesterfield   | 51041 | U                    | 3.93E-04                                                               | 4.43E-04 | 5.79E-04 | 8.06E-04 | 8.52E-04 | 1.03E-03 | 1.31E-03 | 1.60E-03 | 4.37E-05                         | 4.76E-04          | 3.95E-05         | 2.93E-04          | 0.00E+00                |
| Virginia                                                                                | Clarke         | 51043 | U                    | 8.68E-04                                                               | 8.68E-04 | 8.68E-04 | 1.05E-03 | 1.00E-03 | 1.09E-03 | 1.09E-03 | 1.09E-03 | 2.79E-07                         | 2.53E-04          | 2.13E-05         | 7.30E-04          | 0.00E+00                |
| Virginia                                                                                | Craig          | 51045 | R                    | 1.26E-04                                                               | 1.26E-04 | 1.26E-04 | 1.27E-04 | 1.38E-04 | 1.62E-04 | 1.62E-04 | 1.62E-04 | 1.20E-05                         | 5.62E-05          | 5.58E-06         | 6.45E-05          | 0.00E+00                |
| Virginia                                                                                | Culpeper       | 51047 | U                    | 4.12E-04                                                               | 4.12E-04 | 4.61E-04 | 1.82E-03 | 1.83E-03 | 2.11E-03 | 4.37E-03 | 4.37E-03 | 0.00E+00                         | 1.81E-03          | 2.67E-05         | 4.24E-09          | 0.00E+00                |
| Virginia                                                                                | Cumberland     | 51049 | R                    | 1.12E-04                                                               | 1.12E-04 | 1.12E-04 | 1.20E-04 | 1.20E-04 | 1.28E-04 | 1.28E-04 | 1.28E-04 | 3.54E-05                         | 7.55E-05          | 8.89E-06         | 0.00E+00          | 0.00E+00                |
| Virginia                                                                                | Dickenson      | 51051 | R                    | 5.87E-05                                                               | 5.87E-05 | 6.73E-05 | 7.62E-05 | 7.31E-05 | 7.89E-05 | 8.14E-05 | 8.14E-05 | 0.00E+00                         | 6.00E-05          | 1.31E-05         | 0.00E+00          | 0.00E+00                |
| Virginia                                                                                | Dinwiddie      | 51053 | U                    | 7.78E-05                                                               | 7.78E-05 | 1.42E-04 | 3.24E-04 | 3.48E-04 | 5.39E-04 | 6.83E-04 | 6.83E-04 | 6.95E-05                         | 2.08E-04          | 1.15E-05         | 5.89E-05          | 0.00E+00                |
| Virginia                                                                                | Essex          | 51057 | R                    | 5.28E-05                                                               | 5.28E-05 | 5.28E-05 | 1.30E-04 | 1.08E-04 | 1.41E-04 | 1.41E-04 | 1.41E-04 | 5.88E-05                         | 4.09E-05          | 8.48E-06         | 0.00E+00          | 0.00E+00                |
| Virginia                                                                                | Fairfax        | 51059 | U                    | 2.65E-03                                                               | 2.73E-03 | 3.01E-03 | 3.46E-03 | 3.90E-03 | 4.17E-03 | 5.34E-03 | 5.95E-03 | 1.52E-04                         | 1.15E-03          | 8.92E-05         | 2.51E-03          | 0.00E+00                |
| Virginia                                                                                | Fauquier       | 51061 | U                    | 1.11E-04                                                               | 1.11E-04 | 3.51E-04 | 8.54E-04 | 1.10E-03 | 1.56E-03 | 3.12E-03 | 3.12E-03 | 2.37E-06                         | 3.21E-04          | 2.58E-05         | 7.50E-04          | 0.00E+00                |
| Virginia                                                                                | Floyd          | 51063 | R                    | 1.13E-04                                                               | 1.13E-04 | 1.13E-04 | 1.81E-04 | 1.81E-04 | 2.49E-04 | 2.49E-04 | 2.49E-04 | 1.69E-05                         | 1.31E-04          | 1.26E-05         | 2.08E-05          | 0.00E+00                |
| Virginia                                                                                | Fluvanna       | 51065 | R                    | 1.02E-04                                                               | 1.02E-04 | 1.29E-04 | 1.69E-04 | 3.29E-04 | 5.30E-04 | 8.77E-04 | 8.77E-04 | 8.55E-05                         | 2.38E-04          | 5.27E-06         | 2.00E-08          | 0.00E+00                |
| Virginia                                                                                | Franklin       | 51067 | R                    | 2.97E-04                                                               | 2.97E-04 | 3.18E-04 | 4.24E-04 | 6.40E-04 | 5.14E-04 | 2.58E-03 | 2.58E-03 | 3.57E-04                         | 2.02E-04          | 1.61E-05         | 6.47E-05          | 0.00E+00                |
| Virginia                                                                                | Frederick      | 51069 | R                    | 1.55E-04                                                               | 2.46E-04 | 4.72E-04 | 2.02E-03 | 5.91E-03 | 4.84E-03 | 2.24E-02 | 3.53E-02 | 5.26E-07                         | 5.87E-03          | 4.22E-05         | 0.00E+00          | 0.00E+00                |
| Virginia                                                                                | Giles          | 51071 | R                    | 1.21E-04                                                               | 1.21E-04 | 1.27E-04 | 1.40E-04 | 1.39E-04 | 1.50E-04 | 1.53E-04 | 1.53E-04 | 6.80E-06                         | 1.03E-04          | 1.46E-05         | 1.41E-05          | 0.00E+00                |
| Virginia                                                                                | Gloucester     | 51073 | U                    | 2.22E-04                                                               | 2.22E-04 | 2.99E-04 | 4.99E-04 | 4.47E-04 | 5.60E-04 | 6.54E-04 | 6.54E-04 | 4.92E-05                         | 1.05E-04          | 1.06E-05         | 2.82E-04          | 0.00E+00                |
| Virginia                                                                                | Goochland      | 51075 | U                    | 8.52E-05                                                               | 8.52E-05 | 8.55E-05 | 1.29E-04 | 1.30E-04 | 1.74E-04 | 1.78E-04 | 1.78E-04 | 1.52E-05                         | 8.73E-05          | 1.14E-05         | 1.63E-05          | 0.00E+00                |
| Virginia                                                                                | Grayson        | 51077 | R                    | 2.56E-04                                                               | 2.56E-04 | 2.56E-04 | 1.51E-03 | 1.37E-03 | 2.35E-03 | 2.35E-03 | 2.35E-03 | 1.32E-03                         | 4.12E-05          | 9.78E-06         | 0.00E+00          | 0.00E+00                |
| Virginia                                                                                | Greene         | 51079 | R                    | 1.85E-04                                                               | 1.85E-04 | 1.85E-04 | 2.06E-04 | 2.06E-04 | 2.27E-04 | 2.27E-04 | 2.27E-04 | 6.97E-06                         | 1.58E-04          | 9.22E-06         | 3.14E-05          | 0.00E+00                |
| Virginia                                                                                | Greensville    | 51081 | R                    | 5.12E-04                                                               | 5.12E-04 | 5.12E-04 | 6.89E-04 | 6.89E-04 | 8.66E-04 | 8.66E-04 | 8.66E-04 | 5.31E-04                         | 1.51E-04          | 6.77E-06         | 0.00E+00          | 0.00E+00                |
| Virginia                                                                                | Halifax        | 51083 | R                    | 1.84E-03                                                               | 3.07E-03 | 7.83E-03 | 9.39E-03 | 8.30E-03 | 9.77E-03 | 1.13E-02 | 1.22E-02 | 8.06E-03                         | 2.20E-04          | 2.04E-05         | 4.25E-06          | 0.00E+00                |
| Virginia                                                                                | Hanover        | 51085 | U                    | 2.00E-04                                                               | 2.23E-04 | 7.03E-04 | 1.03E-03 | 1.33E-03 | 1.76E-03 | 2.18E-03 | 4.79E-03 | 4.11E-05                         | 8.11E-04          | 2.44E-05         | 4.51E-04          | 0.00E+00                |
| Virginia                                                                                | Henrico        | 51087 | U                    | 3.32E-04                                                               | 4.74E-04 | 5.82E-04 | 9.87E-04 | 1.52E-03 | 1.61E-03 | 3.16E-03 | 4.08E-03 | 4.62E-05                         | 5.46E-04          | 4.64E-05         | 8.81E-04          | 0.00E+00                |
| Virginia                                                                                | Henry          | 51089 | R                    | 1.60E-04                                                               | 1.77E-04 | 2.12E-04 | 2.93E-04 | 3.05E-04 | 3.75E-04 | 5.09E-04 | 5.48E-04 | 1.34E-04                         | 1.41E-04          | 3.05E-05         | 4.86E-07          | 0.00E+00                |
| Virginia                                                                                | Highland       | 51091 | R                    | 4.43E-06                                                               | 4.43E-06 | 4.43E-06 | 4.43E-06 | 4.43E-06 | 4.43E-06 | 4.43E-06 | 4.43E-06 | 0.00E+00                         | 2.58E-06          | 1.85E-06         | 0.00E+00          | 0.00E+00                |
| Virginia                                                                                | Isle of Wight  | 51093 | U                    | 2.72E-04                                                               | 2.72E-04 | 2.97E-04 | 3.36E-04 | 3.51E-04 | 4.05E-04 | 4.62E-04 | 4.62E-04 | 1.28E-04                         | 8.55E-05          | 1.33E-05         | 1.25E-04          | 0.00E+00                |
| Virginia                                                                                | James City     | 51095 | U                    | 2.94E-04                                                               | 2.94E-04 | 3.14E-04 | 3.90E-04 | 4.03E-04 | 4.91E-04 | 5.37E-04 | 5.37E-04 | 1.49E-04                         | 1.42E-04          | 1.39E-05         | 9.77E-05          | 0.00E+00                |
| Virginia                                                                                | King and Queen | 51097 | R                    | 2.09E-04                                                               | 2.09E-04 | 2.09E-04 | 2.64E-04 | 2.64E-04 | 3.19E-04 | 3.19E-04 | 3.19E-04 | 1.42E-04                         | 5.48E-05          | 6.34E-06         | 6.08E-05          | 0.00E+00                |
| Virginia                                                                                | King George    | 51099 | U                    | 7.92E-05                                                               | 7.92E-05 | 1.56E-04 | 1.92E-04 | 1.85E-04 | 2.05E-04 | 2.92E-04 | 2.92E-04 | 1.04E-05                         | 1.54E-04          | 2.07E-05         | 0.00E+00          | 0.00E+00                |
| Virginia                                                                                | King William   | 51101 | R                    | 3.41E-04                                                               | 3.41E-04 | 3.41E-04 | 4.08E-04 | 4.98E-04 | 7.45E-04 | 7.45E-04 | 7.45E-04 | 1.48E-04                         | 1.43E-04          | 1.01E-05         | 1.98E-04          | 0.00E+00                |
| Virginia                                                                                | Lancaster      | 51103 | R                    | 1.26E-04                                                               | 1.26E-04 | 1.26E-04 | 1.34E-04 | 1.36E-04 | 1.48E-04 | 1.48E-04 | 1.48E-04 | 6.49E-05                         | 6.09E-05          | 9.79E-06         | 0.00E+00          | 0.00E+00                |
| Virginia                                                                                | Lee            | 51105 | R                    | 5.75E-05                                                               | 5.75E-05 | 1.59E-04 | 2.02E-04 | 2.72E-04 | 4.05E-04 | 6.07E-04 | 6.07E-04 | 1.46E-04                         | 1.13E-04          | 1.26E-05         | 0.00E+00          | 0.00E+00                |
| Virginia                                                                                | Loudoun        | 51107 | U                    | 1.66E-04                                                               | 1.92E-04 | 4.49E-03 | 5.61E-03 | 1.46E-02 | 1.08E-02 | 5.05E-02 | 8.77E-02 | 1.23E-05                         | 3.50E-04          | 4.13E-05         | 1.42E-02          | 0.00E+00                |
| Virginia                                                                                | Louisa         | 51109 | R                    | 6.53E-05                                                               | 6.53E-05 | 7.59E-05 | 8.58E-05 | 1.71E-04 | 2.86E-04 | 3.42E-04 | 3.42E-04 | 6.41E-06                         | 1.52E-04          | 1.24E-05         | 2.03E-08          | 0.00E+00                |
| Virginia                                                                                | Lunenburg      | 51111 | R                    | 3.26E-05                                                               | 3.26E-05 | 3.26E-05 | 3.28E-05 | 4.29E-05 | 6.33E-05 | 6.33E-05 | 6.33E-05 | 0.00E+00                         | 3.41E-05          | 8.79E-06         | 0.00E+00          | 0.00E+00                |
| Virginia                                                                                | Madison        | 51113 | R                    | 2.77E-04                                                               | 2.77E-04 | 2.77E-04 | 3.23E-04 | 3.23E-04 | 3.69E-04 | 3.69E-04 | 3.69E-04 | 1.07E-05                         | 3.00E-04          | 1.29E-05         | 4.65E-08          | 0.00E+00                |
| Virginia                                                                                | Mathews        | 51115 | U                    | 1.99E-04                                                               | 1.99E-04 | 1.99E-04 | 2.08E-04 | 2.08E-04 | 2.16E-04 | 2.16E-04 | 2.16E-04 | 3.73E-05                         | 4.70E-05          | 1.05E-05         | 1.13E-04          | 0.00E+00                |
| Virginia                                                                                | Mecklenburg    | 51117 | R                    | 5.93E-05                                                               | 5.93E-05 | 1.12E-04 | 5.86E-04 | 1.19E-03 | 1.32E-03 | 5.41E-03 | 5.41E-03 | 1.09E-03                         | 8.86E-05          | 1.27E-05         | 0.00E+00          | 0.00E+00                |
| Virginia                                                                                | Middlesex      | 51119 | R                    | 1.47E-04                                                               | 1.47E-04 | 1.65E-04 | 1.86E-04 | 1.86E-04 | 2.06E-04 | 2.24E-04 | 2.24E-04 | 8.83E-05                         | 4.14E-05          | 7.76E-06         | 4.82E-05          | 0.00E+00                |
| Virginia                                                                                | Montgomery     | 51121 | U                    | 2.12E-04                                                               | 2.41E-04 | 3.22E-04 | 4.38E-04 | 4.98E-04 | 5.69E-04 | 9.08E-04 | 1.24E-03 | 9.83E-06                         | 4.17E-04          | 5.18E-05         | 1.96E-05          | 0.00E+00                |
| Virginia                                                                                | Nelson         | 51125 | R                    | 8.20E-05                                                               | 8.20E-05 | 8.20E-05 | 1.91E-04 | 1.67E-04 | 2.29E-04 | 2.29E-04 | 2.29E-04 | 1.18E-05                         | 1.41E-04          | 1.03E-05         | 4.08E-06          | 0.00E+00                |
| Virginia                                                                                | New Kent       | 51127 | U                    | 3.57E-04                                                               | 3.57E-04 | 3.57E-04 | 6.86E-04 | 7.02E-04 | 1.06E-03 | 1.06E-03 | 1.06E-03 | 1.37E-04                         | 1.46E-04          | 9.30E-06         | 4.11E-04          | 0.00E+00                |
| Virginia                                                                                | Northampton    | 51131 | R                    | 5.64E-05                                                               | 5.64E-05 | 5.64E-05 | 5.68E-05 | 1.60E-04 | 3.66E-04 | 3.66E-04 | 3.66E-04 | 7.64E-06                         | 4.69E-05          | 5.49E-06         | 9.97E-05          | 0.00E+00                |
| Virginia                                                                                | Northumberland | 51133 | R                    | 3.04E-05                                                               | 3.04E-05 | 3.04E-05 | 3.36E-05 | 3.78E-05 | 4.95E-05 | 4.95E-05 | 4.95E-05 | 0.00E+00                         | 2.75E-05          | 1.04E-05         | 0.00E+00          | 0.00E+00                |

| Estimated Annual Average Ambient Concentrations (µg/m <sup>3</sup> ) for Lead Compounds |                      |       |                      |                                                                        |          |          |          |          |          |          |          |                                  |                   |                  |                   |                         |
|-----------------------------------------------------------------------------------------|----------------------|-------|----------------------|------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------------------------------|-------------------|------------------|-------------------|-------------------------|
| State                                                                                   | County               | FIPS  | Urban<br>or<br>Rural | Percentile Distribution of Ambient Concentrations Across Census Tracts |          |          |          |          |          |          |          | Contribution to Average from ... |                   |                  |                   |                         |
|                                                                                         |                      |       |                      | 5th                                                                    | 10th     | 25th     | Median   | Average  | 75th     | 90th     | 95th     | Major                            | Area and<br>Other | Onroad<br>Mobile | Nonroad<br>Mobile | Estimated<br>Background |
| Virginia                                                                                | Nottoway             | 51135 | R                    | 8.77E-05                                                               | 8.77E-05 | 8.77E-05 | 1.15E-04 | 1.14E-04 | 1.40E-04 | 1.40E-04 | 1.40E-04 | 0.00E+00                         | 9.97E-05          | 1.46E-05         | 0.00E+00          | 0.00E+00                |
| Virginia                                                                                | Orange               | 51137 | R                    | 2.65E-04                                                               | 2.65E-04 | 2.65E-04 | 5.14E-04 | 6.19E-04 | 1.08E-03 | 1.08E-03 | 1.08E-03 | 1.18E-07                         | 6.02E-04          | 1.71E-05         | 3.82E-08          | 0.00E+00                |
| Virginia                                                                                | Page                 | 51139 | R                    | 1.23E-04                                                               | 1.23E-04 | 2.16E-04 | 2.28E-04 | 2.98E-04 | 2.39E-04 | 8.93E-04 | 8.93E-04 | 1.24E-05                         | 2.54E-04          | 2.16E-05         | 9.18E-06          | 0.00E+00                |
| Virginia                                                                                | Patrick              | 51141 | R                    | 6.29E-05                                                               | 6.29E-05 | 6.29E-05 | 9.11E-05 | 9.51E-05 | 1.31E-04 | 1.31E-04 | 1.31E-04 | 4.24E-05                         | 4.29E-05          | 9.79E-06         | 0.00E+00          | 0.00E+00                |
| Virginia                                                                                | Pittsylvania         | 51143 | R                    | 1.26E-04                                                               | 1.44E-04 | 2.46E-04 | 1.36E-03 | 1.69E-03 | 2.29E-03 | 3.00E-03 | 8.46E-03 | 1.21E-03                         | 1.42E-04          | 8.30E-06         | 3.31E-04          | 0.00E+00                |
| Virginia                                                                                | Powhatan             | 51145 | U                    | 7.55E-05                                                               | 7.55E-05 | 7.87E-05 | 1.16E-04 | 1.17E-04 | 1.55E-04 | 1.60E-04 | 1.60E-04 | 5.00E-06                         | 8.57E-05          | 1.14E-05         | 1.49E-05          | 0.00E+00                |
| Virginia                                                                                | Prince Edward        | 51147 | R                    | 8.30E-05                                                               | 8.30E-05 | 8.30E-05 | 2.36E-04 | 2.11E-04 | 3.13E-04 | 3.13E-04 | 3.13E-04 | 8.60E-06                         | 1.88E-04          | 1.39E-05         | 0.00E+00          | 0.00E+00                |
| Virginia                                                                                | Prince George        | 51149 | U                    | 4.75E-04                                                               | 4.75E-04 | 5.40E-04 | 1.18E-03 | 1.20E-03 | 1.61E-03 | 2.19E-03 | 2.19E-03 | 3.58E-04                         | 4.33E-04          | 1.70E-05         | 3.94E-04          | 0.00E+00                |
| Virginia                                                                                | Prince William       | 51153 | U                    | 9.66E-04                                                               | 9.83E-04 | 1.17E-03 | 3.13E-03 | 2.68E-03 | 3.85E-03 | 4.79E-03 | 4.86E-03 | 4.81E-05                         | 6.00E-04          | 6.87E-05         | 1.97E-03          | 0.00E+00                |
| Virginia                                                                                | Pulaski              | 51155 | R                    | 1.67E-04                                                               | 1.67E-04 | 1.90E-04 | 2.80E-04 | 3.64E-04 | 4.41E-04 | 9.20E-04 | 9.20E-04 | 4.18E-06                         | 3.24E-04          | 3.13E-05         | 4.14E-06          | 0.00E+00                |
| Virginia                                                                                | Rappahannock         | 51157 | R                    | 2.70E-04                                                               | 2.70E-04 | 2.70E-04 | 2.75E-04 | 2.75E-04 | 2.81E-04 | 2.81E-04 | 2.81E-04 | 0.00E+00                         | 2.62E-04          | 1.32E-05         | 0.00E+00          | 0.00E+00                |
| Virginia                                                                                | Richmond             | 51159 | R                    | 1.03E-04                                                               | 1.03E-04 | 1.03E-04 | 1.03E-04 | 1.03E-04 | 1.03E-04 | 1.03E-04 | 1.03E-04 | 5.96E-05                         | 3.19E-05          | 1.15E-05         | 0.00E+00          | 0.00E+00                |
| Virginia                                                                                | Roanoke              | 51161 | R                    | 3.45E-04                                                               | 3.76E-04 | 6.57E-04 | 1.07E-03 | 1.57E-03 | 1.62E-03 | 2.56E-03 | 8.27E-03 | 2.63E-05                         | 6.54E-04          | 3.05E-05         | 8.58E-04          | 0.00E+00                |
| Virginia                                                                                | Rockbridge           | 51163 | R                    | 3.04E-05                                                               | 3.04E-05 | 5.49E-05 | 9.47E-05 | 3.28E-04 | 1.40E-04 | 1.55E-03 | 1.55E-03 | 1.22E-05                         | 2.74E-04          | 1.34E-05         | 2.87E-05          | 0.00E+00                |
| Virginia                                                                                | Rockingham           | 51165 | R                    | 5.55E-05                                                               | 7.06E-05 | 1.28E-04 | 2.26E-04 | 2.16E-04 | 3.00E-04 | 3.57E-04 | 3.67E-04 | 2.53E-05                         | 9.79E-05          | 2.89E-05         | 6.41E-05          | 0.00E+00                |
| Virginia                                                                                | Russell              | 51167 | R                    | 1.08E-04                                                               | 1.08E-04 | 1.34E-04 | 1.77E-04 | 3.82E-04 | 7.74E-04 | 9.23E-04 | 9.23E-04 | 1.69E-04                         | 1.59E-04          | 1.25E-05         | 4.21E-05          | 0.00E+00                |
| Virginia                                                                                | Scott                | 51169 | U                    | 9.24E-04                                                               | 9.24E-04 | 2.56E-03 | 2.81E-03 | 4.28E-03 | 6.49E-03 | 1.01E-02 | 1.01E-02 | 3.53E-03                         | 4.48E-04          | 9.25E-06         | 2.86E-04          | 0.00E+00                |
| Virginia                                                                                | Shenandoah           | 51171 | R                    | 3.45E-05                                                               | 3.45E-05 | 7.98E-05 | 1.01E-04 | 9.96E-05 | 1.33E-04 | 1.34E-04 | 1.34E-04 | 4.04E-06                         | 7.40E-05          | 1.79E-05         | 3.68E-06          | 0.00E+00                |
| Virginia                                                                                | Smyth                | 51173 | R                    | 1.38E-04                                                               | 1.38E-04 | 1.73E-04 | 2.63E-04 | 2.60E-04 | 3.12E-04 | 3.99E-04 | 3.99E-04 | 1.46E-04                         | 9.74E-05          | 1.67E-05         | 0.00E+00          | 0.00E+00                |
| Virginia                                                                                | Southampton          | 51175 | R                    | 2.18E-04                                                               | 2.18E-04 | 2.32E-04 | 3.12E-04 | 4.53E-04 | 4.79E-04 | 1.16E-03 | 1.16E-03 | 3.97E-04                         | 4.88E-05          | 6.61E-06         | 1.18E-07          | 0.00E+00                |
| Virginia                                                                                | Spotsylvania         | 51177 | U                    | 8.45E-05                                                               | 8.45E-05 | 3.76E-04 | 4.71E-04 | 5.27E-04 | 5.45E-04 | 1.22E-03 | 1.22E-03 | 1.73E-06                         | 4.54E-04          | 7.17E-05         | 0.00E+00          | 0.00E+00                |
| Virginia                                                                                | Stafford             | 51179 | U                    | 1.97E-04                                                               | 2.31E-04 | 2.34E-04 | 2.77E-04 | 3.32E-04 | 3.22E-04 | 4.34E-04 | 8.75E-04 | 1.37E-05                         | 2.54E-04          | 4.20E-05         | 2.22E-05          | 0.00E+00                |
| Virginia                                                                                | Surry                | 51181 | R                    | 2.17E-04                                                               | 2.17E-04 | 2.17E-04 | 2.22E-04 | 2.22E-04 | 2.27E-04 | 2.27E-04 | 2.27E-04 | 1.01E-04                         | 5.08E-05          | 6.07E-06         | 6.41E-05          | 0.00E+00                |
| Virginia                                                                                | Sussex               | 51183 | R                    | 9.64E-05                                                               | 9.64E-05 | 1.18E-04 | 1.51E-04 | 1.59E-04 | 2.00E-04 | 2.37E-04 | 2.37E-04 | 7.85E-05                         | 5.44E-05          | 4.37E-06         | 2.17E-05          | 0.00E+00                |
| Virginia                                                                                | Tazewell             | 51185 | R                    | 9.36E-05                                                               | 9.76E-05 | 1.03E-04 | 1.15E-04 | 1.42E-04 | 1.50E-04 | 2.34E-04 | 2.69E-04 | 2.85E-08                         | 1.02E-04          | 2.46E-05         | 1.48E-05          | 0.00E+00                |
| Virginia                                                                                | Warren               | 51187 | U                    | 2.21E-04                                                               | 2.21E-04 | 2.63E-04 | 3.52E-04 | 5.37E-04 | 7.29E-04 | 1.39E-03 | 1.39E-03 | 0.00E+00                         | 4.95E-04          | 4.18E-05         | 0.00E+00          | 0.00E+00                |
| Virginia                                                                                | Washington           | 51191 | U                    | 1.64E-04                                                               | 2.10E-04 | 2.47E-04 | 7.60E-04 | 8.65E-04 | 1.14E-03 | 2.23E-03 | 2.30E-03 | 1.34E-04                         | 6.51E-04          | 9.63E-06         | 6.93E-05          | 0.00E+00                |
| Virginia                                                                                | Westmoreland         | 51193 | R                    | 4.65E-05                                                               | 4.65E-05 | 5.22E-05 | 5.83E-05 | 6.05E-05 | 6.88E-05 | 7.88E-05 | 7.88E-05 | 1.67E-05                         | 2.89E-05          | 1.49E-05         | 0.00E+00          | 0.00E+00                |
| Virginia                                                                                | Wise                 | 51195 | R                    | 7.12E-05                                                               | 1.03E-04 | 2.07E-04 | 1.06E-03 | 9.27E-04 | 1.52E-03 | 1.91E-03 | 1.97E-03 | 7.01E-04                         | 1.97E-04          | 1.99E-05         | 9.72E-06          | 0.00E+00                |
| Virginia                                                                                | Wythe                | 51197 | R                    | 1.30E-04                                                               | 1.30E-04 | 1.41E-04 | 1.96E-04 | 2.34E-04 | 3.27E-04 | 4.14E-04 | 4.14E-04 | 1.51E-04                         | 6.11E-05          | 1.31E-05         | 9.14E-06          | 0.00E+00                |
| Virginia                                                                                | York                 | 51199 | U                    | 3.31E-04                                                               | 4.13E-04 | 4.77E-04 | 1.03E-03 | 1.17E-03 | 1.25E-03 | 2.33E-03 | 3.71E-03 | 5.96E-05                         | 2.09E-04          | 2.32E-05         | 8.78E-04          | 0.00E+00                |
| Virginia                                                                                | Alexandria City      | 51510 | U                    | 6.20E-03                                                               | 6.99E-03 | 7.86E-03 | 1.00E-02 | 1.47E-02 | 1.71E-02 | 2.99E-02 | 4.98E-02 | 6.96E-04                         | 2.11E-03          | 1.09E-04         | 1.18E-02          | 0.00E+00                |
| Virginia                                                                                | Bedford City         | 51515 | U                    | 8.42E-04                                                               | 8.42E-04 | 8.42E-04 | 8.45E-04 | 8.45E-04 | 8.48E-04 | 8.48E-04 | 8.48E-04 | 1.91E-05                         | 5.84E-04          | 6.82E-05         | 1.74E-04          | 0.00E+00                |
| Virginia                                                                                | Bristol City         | 51520 | U                    | 9.81E-04                                                               | 9.81E-04 | 1.09E-03 | 1.24E-03 | 1.44E-03 | 1.79E-03 | 2.28E-03 | 2.28E-03 | 2.54E-04                         | 1.02E-03          | 3.11E-05         | 1.36E-04          | 0.00E+00                |
| Virginia                                                                                | Buena Vista City     | 51530 | U                    | 2.00E-04                                                               | 2.00E-04 | 2.00E-04 | 2.35E-04 | 2.35E-04 | 2.70E-04 | 2.70E-04 | 2.70E-04 | 1.28E-05                         | 1.22E-04          | 3.31E-05         | 6.68E-05          | 0.00E+00                |
| Virginia                                                                                | Charlottesville City | 51540 | U                    | 2.39E-04                                                               | 2.94E-04 | 4.30E-04 | 7.17E-04 | 1.98E-03 | 1.15E-03 | 1.37E-03 | 1.35E-02 | 3.18E-05                         | 1.90E-03          | 2.83E-05         | 1.64E-05          | 0.00E+00                |
| Virginia                                                                                | Chesapeake City      | 51550 | U                    | 3.44E-04                                                               | 4.57E-04 | 6.84E-04 | 1.09E-03 | 1.70E-03 | 2.31E-03 | 4.06E-03 | 4.32E-03 | 4.94E-05                         | 1.27E-03          | 4.79E-05         | 3.32E-04          | 0.00E+00                |
| Virginia                                                                                | Clifton Forge City   | 51560 | U                    | 1.75E-04                                                               | 1.75E-04 | 1.75E-04 | 2.89E-04 | 2.89E-04 | 4.03E-04 | 4.03E-04 | 4.03E-04 | 4.38E-05                         | 2.03E-04          | 3.11E-05         | 1.03E-05          | 0.00E+00                |
| Virginia                                                                                | Colonial Heights Cit | 51570 | U                    | 8.01E-04                                                               | 8.01E-04 | 8.20E-04 | 9.51E-04 | 9.33E-04 | 1.01E-03 | 1.08E-03 | 1.08E-03 | 1.75E-04                         | 4.75E-04          | 4.33E-05         | 2.40E-04          | 0.00E+00                |
| Virginia                                                                                | Covington City       | 51580 | U                    | 1.22E-04                                                               | 1.22E-04 | 1.72E-04 | 3.19E-04 | 3.07E-04 | 4.41E-04 | 4.66E-04 | 4.66E-04 | 1.24E-04                         | 1.10E-04          | 3.23E-05         | 4.05E-05          | 0.00E+00                |
| Virginia                                                                                | Danville City        | 51590 | U                    | 1.59E-03                                                               | 1.72E-03 | 2.08E-03 | 2.65E-03 | 2.69E-03 | 2.93E-03 | 3.57E-03 | 4.71E-03 | 2.02E-03                         | 6.35E-04          | 1.80E-05         | 2.61E-05          | 0.00E+00                |
| Virginia                                                                                | Emporia City         | 51595 | U                    | 7.05E-04                                                               | 7.05E-04 | 7.28E-04 | 7.93E-04 | 8.45E-04 | 9.96E-04 | 1.06E-03 | 1.06E-03 | 4.69E-04                         | 3.39E-04          | 3.78E-05         | 0.00E+00          | 0.00E+00                |
| Virginia                                                                                | Fairfax City         | 51600 | U                    | 2.60E-03                                                               | 2.98E-03 | 3.40E-03 | 3.83E-03 | 3.63E-03 | 3.92E-03 | 4.06E-03 | 4.10E-03 | 4.32E-05                         | 1.34E-03          | 9.39E-05         | 2.15E-03          | 0.00E+00                |
| Virginia                                                                                | Falls Church City    | 51610 | U                    | 3.54E-03                                                               | 3.54E-03 | 3.91E-03 | 5.31E-03 | 4.99E-03 | 5.84E-03 | 6.26E-03 | 6.26E-03 | 1.87E-04                         | 2.48E-03          | 8.07E-05         | 2.24E-03          | 0.00E+00                |
| Virginia                                                                                | Franklin City        | 51620 | U                    | 1.04E-03                                                               | 1.04E-03 | 1.35E-03 | 1.73E-03 | 1.24E-03 | 5.13E-03 | 8.48E-03 | 8.48E-03 | 3.06E-03                         | 1.47E-04          | 3.36E-05         | 0.00E+00          | 0.00E+00                |
| Virginia                                                                                | Fredericksburg City  | 51630 | U                    | 5.36E-04                                                               | 5.36E-04 | 8.45E-04 | 1.09E-03 | 1.23E-03 | 1.37E-03 | 2.27E-03 | 2.27E-03 | 3.52E-06                         | 1.09E-03          | 1.41E-04         | 0.00E+00          | 0.00E+00                |
| Virginia                                                                                | Galax City           | 51640 | U                    | 7.88E-04                                                               | 7.88E-04 | 7.88E-04 | 1.14E-03 | 1.14E-03 | 1.49E-03 | 1.49E-03 | 1.49E-03 | 8.72E-04                         | 2.30E-04          | 3.81E-05         | 0.00E+00          | 0.00E+00                |
| Virginia                                                                                | Hampton City         | 51650 | U                    | 8.07E-04                                                               | 8.66E-04 | 9.28E-04 | 9.82E-04 | 1.00E-03 | 1.07E-03 | 1.20E-03 | 1.25E-03 | 8.54E-05                         | 4.15E-04          | 5.67E-05         | 4.47E-04          | 0.00E+00                |
| Virginia                                                                                | Harrisonburg City    | 51660 | U                    | 2.60E-04                                                               | 2.60E-04 | 7.45E-04 | 1.21E-03 | 1.11E-03 | 1.61E-03 | 1.61E-03 | 1.61E-03 | 1.27E-05                         | 8.75E-04          | 1.50E-04         | 6.96E-05          | 0.00E+00                |
| Virginia                                                                                | Hopewell City        | 51670 | U                    | 1.32E-03                                                               | 1.32E-03 | 1.49E-03 | 1.89E-03 | 2.81E-03 | 2.98E-03 | 7.98E-03 | 7.98E-03 | 6.66E-04                         | 1.59E-03          | 3.52E-05         | 5.21E-04          | 0.00E+00                |

| Estimated Annual Average Ambient Concentrations (µg/m <sup>3</sup> ) for Lead Compounds |                     |       |                      |                                                                        |          |          |          |          |          |          |          |                                  |                   |                  |                   |                         |
|-----------------------------------------------------------------------------------------|---------------------|-------|----------------------|------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------------------------------|-------------------|------------------|-------------------|-------------------------|
| State                                                                                   | County              | FIPS  | Urban<br>or<br>Rural | Percentile Distribution of Ambient Concentrations Across Census Tracts |          |          |          |          |          |          |          | Contribution to Average from ... |                   |                  |                   |                         |
|                                                                                         |                     |       |                      | 5th                                                                    | 10th     | 25th     | Median   | Average  | 75th     | 90th     | 95th     | Major                            | Area and<br>Other | Onroad<br>Mobile | Nonroad<br>Mobile | Estimated<br>Background |
| Virginia                                                                                | Lexington City      | 51678 | U                    | 3.59E-04                                                               | 3.59E-04 | 3.59E-04 | 3.59E-04 | 3.59E-04 | 3.59E-04 | 3.59E-04 | 3.59E-04 | 1.79E-05                         | 2.75E-04          | 6.58E-05         | 0.00E+00          | 0.00E+00                |
| Virginia                                                                                | Lynchburg City      | 51680 | U                    | 8.12E-04                                                               | 1.26E-03 | 1.53E-03 | 2.43E-03 | 3.32E-03 | 3.37E-03 | 6.54E-03 | 1.06E-02 | 4.39E-05                         | 7.81E-04          | 3.93E-05         | 2.46E-03          | 0.00E+00                |
| Virginia                                                                                | Manassas City       | 51683 | U                    | 3.81E-03                                                               | 3.82E-03 | 3.88E-03 | 4.27E-03 | 4.36E-03 | 4.63E-03 | 4.94E-03 | 6.15E-03 | 2.79E-05                         | 7.34E-04          | 6.74E-05         | 3.53E-03          | 0.00E+00                |
| Virginia                                                                                | Manassas Park City  | 51685 | U                    | 4.72E-03                                                               | 4.72E-03 | 4.72E-03 | 5.04E-03 | 5.04E-03 | 5.36E-03 | 5.36E-03 | 5.36E-03 | 3.12E-05                         | 1.20E-03          | 9.35E-05         | 3.72E-03          | 0.00E+00                |
| Virginia                                                                                | Martinsville City   | 51690 | U                    | 5.50E-04                                                               | 5.50E-04 | 5.78E-04 | 8.12E-04 | 7.77E-04 | 9.49E-04 | 9.62E-04 | 9.62E-04 | 1.80E-04                         | 5.08E-04          | 8.81E-05         | 8.95E-07          | 0.00E+00                |
| Virginia                                                                                | Newport News City   | 51700 | U                    | 8.97E-04                                                               | 9.53E-04 | 1.06E-03 | 1.27E-03 | 1.99E-03 | 1.78E-03 | 3.28E-03 | 3.56E-03 | 4.98E-05                         | 3.98E-04          | 4.69E-05         | 1.50E-03          | 0.00E+00                |
| Virginia                                                                                | Norfolk City        | 51710 | U                    | 1.52E-03                                                               | 1.68E-03 | 2.06E-03 | 2.65E-03 | 3.83E-03 | 3.86E-03 | 7.04E-03 | 1.10E-02 | 1.00E-04                         | 1.45E-03          | 7.41E-05         | 2.21E-03          | 0.00E+00                |
| Virginia                                                                                | Norton City         | 51720 | U                    | 1.48E-03                                                               | 1.48E-03 | 1.50E-03 | 1.81E-03 | 1.76E-03 | 1.97E-03 | 1.99E-03 | 1.99E-03 | 1.28E-03                         | 4.49E-04          | 3.04E-05         | 0.00E+00          | 0.00E+00                |
| Virginia                                                                                | Petersburg City     | 51730 | U                    | 6.03E-04                                                               | 6.10E-04 | 6.74E-04 | 8.63E-04 | 9.42E-04 | 1.02E-03 | 1.08E-03 | 2.17E-03 | 1.32E-04                         | 5.37E-04          | 4.02E-05         | 2.33E-04          | 0.00E+00                |
| Virginia                                                                                | Poquoson City       | 51735 | U                    | 9.18E-04                                                               | 9.18E-04 | 9.18E-04 | 1.13E-03 | 1.12E-03 | 1.30E-03 | 1.30E-03 | 1.30E-03 | 9.19E-05                         | 2.41E-04          | 3.15E-05         | 7.53E-04          | 0.00E+00                |
| Virginia                                                                                | Portsmouth City     | 51740 | U                    | 8.52E-04                                                               | 9.44E-04 | 1.11E-03 | 1.39E-03 | 1.68E-03 | 1.83E-03 | 3.54E-03 | 3.94E-03 | 4.65E-05                         | 1.09E-03          | 6.63E-05         | 4.79E-04          | 0.00E+00                |
| Virginia                                                                                | Radford City        | 51750 | U                    | 1.71E-03                                                               | 1.71E-03 | 1.83E-03 | 1.83E-03 | 3.77E-03 | 6.72E-03 | 6.74E-03 | 6.74E-03 | 6.40E-06                         | 3.70E-03          | 5.46E-05         | 0.00E+00          | 0.00E+00                |
| Virginia                                                                                | Richmond City       | 51760 | U                    | 8.02E-04                                                               | 8.46E-04 | 1.12E-03 | 1.58E-03 | 1.82E-03 | 2.09E-03 | 3.17E-03 | 3.94E-03 | 3.58E-05                         | 1.39E-03          | 6.38E-05         | 3.24E-04          | 0.00E+00                |
| Virginia                                                                                | Roanoke City        | 51770 | U                    | 1.89E-03                                                               | 1.98E-03 | 2.63E-03 | 3.14E-03 | 3.69E-03 | 3.55E-03 | 5.00E-03 | 6.55E-03 | 2.54E-05                         | 2.53E-03          | 5.69E-05         | 1.08E-03          | 0.00E+00                |
| Virginia                                                                                | Salem City          | 51775 | U                    | 7.83E-04                                                               | 7.83E-04 | 1.04E-03 | 1.68E-03 | 2.13E-03 | 2.50E-03 | 5.01E-03 | 5.01E-03 | 2.34E-05                         | 1.73E-03          | 3.77E-05         | 3.36E-04          | 0.00E+00                |
| Virginia                                                                                | Staunton City       | 51790 | U                    | 2.67E-04                                                               | 2.67E-04 | 3.18E-04 | 4.32E-04 | 5.23E-04 | 5.03E-04 | 1.18E-03 | 1.18E-03 | 4.18E-06                         | 3.73E-04          | 1.19E-04         | 2.65E-05          | 0.00E+00                |
| Virginia                                                                                | Suffolk City        | 51800 | U                    | 1.55E-04                                                               | 3.76E-04 | 3.86E-04 | 5.22E-04 | 4.97E-04 | 5.59E-04 | 6.72E-04 | 7.00E-04 | 1.03E-04                         | 1.61E-04          | 1.74E-05         | 2.15E-04          | 0.00E+00                |
| Virginia                                                                                | Virginia Beach City | 51810 | U                    | 5.14E-04                                                               | 6.25E-04 | 8.78E-04 | 1.13E-03 | 1.91E-03 | 1.69E-03 | 3.90E-03 | 5.77E-03 | 1.02E-04                         | 4.30E-04          | 6.28E-05         | 1.31E-03          | 0.00E+00                |
| Virginia                                                                                | Waynesboro City     | 51820 | U                    | 1.68E-04                                                               | 1.68E-04 | 2.94E-04 | 4.43E-04 | 5.37E-04 | 7.12E-04 | 1.23E-03 | 1.23E-03 | 6.19E-06                         | 3.99E-04          | 1.11E-04         | 2.09E-05          | 0.00E+00                |
| Virginia                                                                                | Williamsburg City   | 51830 | U                    | 3.53E-04                                                               | 3.53E-04 | 3.69E-04 | 4.28E-04 | 4.69E-04 | 5.60E-04 | 6.87E-04 | 6.87E-04 | 1.02E-04                         | 2.47E-04          | 2.49E-05         | 9.50E-05          | 0.00E+00                |
| Virginia                                                                                | Winchester City     | 51840 | U                    | 3.82E-03                                                               | 3.82E-03 | 4.26E-03 | 7.17E-03 | 2.09E-02 | 1.08E-02 | 9.20E-02 | 9.20E-02 | 3.35E-07                         | 2.08E-02          | 1.20E-04         | 0.00E+00          | 0.00E+00                |
| Washington                                                                              | Statewide           | N/A   | N/A                  | 2.82E-05                                                               | 1.00E-04 | 3.61E-04 | 2.23E-03 | 6.40E-03 | 6.17E-03 | 1.54E-02 | 2.47E-02 | 1.07E-04                         | 1.45E-03          | 3.53E-05         | 4.81E-03          | 0.00E+00                |
| Washington                                                                              | All Urban Counties  | N/A   | U                    | 1.26E-04                                                               | 2.38E-04 | 5.92E-04 | 3.27E-03 | 7.60E-03 | 7.46E-03 | 1.86E-02 | 2.63E-02 | 1.24E-04                         | 1.71E-03          | 3.98E-05         | 5.73E-03          | 0.00E+00                |
| Washington                                                                              | All Rural Counties  | N/A   | R                    | 5.50E-06                                                               | 1.01E-05 | 3.02E-05 | 1.68E-04 | 7.69E-04 | 5.55E-04 | 1.98E-03 | 4.16E-03 | 2.86E-05                         | 2.48E-04          | 1.38E-05         | 4.79E-04          | 0.00E+00                |
| Washington                                                                              | Adams               | 53001 | R                    | 3.41E-06                                                               | 3.41E-06 | 5.15E-06 | 9.60E-05 | 6.99E-05 | 1.22E-04 | 1.23E-04 | 1.23E-04 | 0.00E+00                         | 5.81E-05          | 1.18E-05         | 0.00E+00          | 0.00E+00                |
| Washington                                                                              | Asotin              | 53003 | R                    | 5.78E-04                                                               | 5.78E-04 | 4.16E-03 | 4.90E-03 | 4.48E-03 | 6.16E-03 | 6.20E-03 | 6.20E-03 | 2.28E-04                         | 5.49E-04          | 4.95E-05         | 3.66E-03          | 0.00E+00                |
| Washington                                                                              | Benton              | 53005 | U                    | 9.00E-05                                                               | 9.40E-05 | 2.86E-04 | 4.11E-04 | 3.77E-04 | 5.09E-04 | 5.66E-04 | 5.78E-04 | 1.57E-04                         | 1.62E-04          | 1.55E-05         | 4.29E-05          | 0.00E+00                |
| Washington                                                                              | Chelan              | 53007 | U                    | 1.12E-05                                                               | 2.68E-05 | 4.17E-05 | 1.52E-04 | 3.28E-04 | 4.89E-04 | 9.47E-04 | 1.15E-03 | 0.00E+00                         | 1.49E-04          | 2.28E-05         | 1.56E-04          | 0.00E+00                |
| Washington                                                                              | Clallam             | 53009 | R                    | 9.19E-06                                                               | 2.85E-05 | 1.02E-04 | 1.76E-04 | 3.00E-04 | 3.35E-04 | 7.26E-04 | 9.72E-04 | 2.43E-05                         | 1.03E-04          | 2.16E-05         | 1.51E-04          | 0.00E+00                |
| Washington                                                                              | Clark               | 53011 | U                    | 1.70E-03                                                               | 3.23E-03 | 4.98E-03 | 9.27E-03 | 1.31E-02 | 1.51E-02 | 2.50E-02 | 4.96E-02 | 6.95E-04                         | 5.36E-04          | 4.54E-05         | 1.19E-02          | 0.00E+00                |
| Washington                                                                              | Columbia            | 53013 | U                    | 2.18E-05                                                               | 2.18E-05 | 2.18E-05 | 2.54E-05 | 2.54E-05 | 2.90E-05 | 2.90E-05 | 2.90E-05 | 0.00E+00                         | 1.20E-05          | 1.48E-06         | 1.19E-05          | 0.00E+00                |
| Washington                                                                              | Cowlitz             | 53015 | U                    | 1.01E-03                                                               | 1.23E-03 | 1.82E-03 | 2.47E-03 | 2.61E-03 | 3.12E-03 | 4.15E-03 | 4.54E-03 | 2.28E-03                         | 2.13E-04          | 1.53E-05         | 1.03E-04          | 0.00E+00                |
| Washington                                                                              | Douglas             | 53017 | R                    | 1.04E-05                                                               | 1.04E-05 | 1.16E-04 | 5.51E-04 | 8.35E-04 | 1.50E-03 | 2.34E-03 | 2.34E-03 | 0.00E+00                         | 1.03E-04          | 3.66E-05         | 6.95E-04          | 0.00E+00                |
| Washington                                                                              | Ferry               | 53019 | R                    | 5.50E-06                                                               | 5.50E-06 | 5.50E-06 | 7.21E-06 | 9.72E-06 | 1.64E-05 | 1.64E-05 | 1.64E-05 | 0.00E+00                         | 9.03E-06          | 6.93E-07         | 0.00E+00          | 0.00E+00                |
| Washington                                                                              | Franklin            | 53021 | U                    | 7.47E-05                                                               | 7.47E-05 | 2.91E-04 | 3.86E-04 | 4.15E-04 | 6.54E-04 | 7.25E-04 | 7.25E-04 | 1.29E-04                         | 1.74E-04          | 1.12E-05         | 1.01E-04          | 0.00E+00                |
| Washington                                                                              | Garfield            | 53023 | R                    | 2.58E-04                                                               | 2.58E-04 | 2.58E-04 | 3.04E-04 | 3.04E-04 | 3.50E-04 | 3.50E-04 | 3.50E-04 | 0.00E+00                         | 1.50E-05          | 4.29E-06         | 2.85E-04          | 0.00E+00                |
| Washington                                                                              | Grant               | 53025 | R                    | 5.76E-06                                                               | 7.71E-06 | 1.01E-05 | 2.31E-05 | 7.32E-05 | 1.14E-04 | 2.39E-04 | 3.43E-04 | 0.00E+00                         | 2.91E-05          | 1.25E-05         | 3.15E-05          | 0.00E+00                |
| Washington                                                                              | Grays Harbor        | 53027 | U                    | 1.26E-05                                                               | 1.66E-05 | 2.23E-05 | 5.86E-05 | 1.11E-04 | 1.34E-04 | 3.31E-04 | 3.91E-04 | 6.59E-09                         | 9.47E-05          | 1.53E-05         | 1.29E-06          | 0.00E+00                |
| Washington                                                                              | Island              | 53029 | U                    | 1.35E-04                                                               | 1.53E-04 | 2.26E-04 | 4.25E-04 | 5.15E-04 | 6.99E-04 | 9.77E-04 | 1.23E-03 | 4.17E-05                         | 1.93E-04          | 2.89E-05         | 2.51E-04          | 0.00E+00                |
| Washington                                                                              | Jefferson           | 53031 | R                    | 5.40E-06                                                               | 5.40E-06 | 3.28E-04 | 4.86E-04 | 4.24E-04 | 5.92E-04 | 6.57E-04 | 6.57E-04 | 1.34E-04                         | 2.06E-04          | 9.72E-06         | 7.36E-05          | 0.00E+00                |
| Washington                                                                              | King                | 53033 | U                    | 1.59E-03                                                               | 2.49E-03 | 4.97E-03 | 1.00E-02 | 1.66E-02 | 1.89E-02 | 3.10E-02 | 5.16E-02 | 1.06E-05                         | 3.83E-03          | 5.86E-05         | 1.27E-02          | 0.00E+00                |
| Washington                                                                              | Kitsap              | 53035 | U                    | 2.26E-03                                                               | 2.44E-03 | 3.38E-03 | 4.03E-03 | 4.08E-03 | 4.72E-03 | 5.87E-03 | 6.21E-03 | 1.87E-05                         | 1.63E-03          | 2.44E-05         | 2.41E-03          | 0.00E+00                |
| Washington                                                                              | Kittitas            | 53037 | R                    | 3.35E-06                                                               | 3.35E-06 | 1.22E-05 | 6.62E-05 | 9.01E-05 | 1.76E-04 | 1.77E-04 | 1.77E-04 | 0.00E+00                         | 5.47E-05          | 2.11E-05         | 1.43E-05          | 0.00E+00                |
| Washington                                                                              | Klickitat           | 53039 | R                    | 9.99E-06                                                               | 9.99E-06 | 9.99E-06 | 2.53E-05 | 2.52E-05 | 4.02E-05 | 4.02E-05 | 4.02E-05 | 0.00E+00                         | 2.19E-05          | 3.24E-06         | 0.00E+00          | 0.00E+00                |
| Washington                                                                              | Lewis               | 53041 | R                    | 2.07E-05                                                               | 2.68E-05 | 7.40E-05 | 4.02E-04 | 4.46E-04 | 6.07E-04 | 9.41E-04 | 1.33E-03 | 1.27E-04                         | 3.00E-04          | 1.62E-05         | 2.93E-06          | 0.00E+00                |
| Washington                                                                              | Lincoln             | 53043 | R                    | 1.97E-06                                                               | 1.97E-06 | 2.72E-06 | 3.12E-05 | 5.01E-05 | 9.74E-05 | 1.36E-04 | 1.36E-04 | 0.00E+00                         | 2.19E-05          | 3.32E-06         | 2.48E-05          | 0.00E+00                |
| Washington                                                                              | Mason               | 53045 | R                    | 2.89E-05                                                               | 5.75E-05 | 1.12E-04 | 1.67E-04 | 2.94E-04 | 4.32E-04 | 7.70E-04 | 1.07E-03 | 2.36E-06                         | 1.68E-04          | 2.27E-05         | 1.00E-04          | 0.00E+00                |
| Washington                                                                              | Okanogan            | 53047 | R                    | 1.66E-06                                                               | 2.90E-06 | 5.03E-06 | 1.12E-05 | 3.44E-05 | 3.10E-05 | 1.21E-04 | 2.03E-04 | 0.00E+00                         | 3.10E-05          | 3.43E-06         | 0.00E+00          | 0.00E+00                |
| Washington                                                                              | Pacific             | 53049 | R                    | 9.58E-06                                                               | 9.58E-06 | 2.82E-05 | 5.49E-05 | 4.89E-05 | 5.85E-05 | 9.00E-05 | 9.00E-05 | 4.25E-06                         | 2.36E-05          | 4.57E-06         | 1.65E-05          | 0.00E+00                |
| Washington                                                                              | Pend Oreille        | 53051 | R                    | 5.21E-06                                                               | 5.21E-06 | 1.75E-05 | 3.02E-05 | 5.62E-05 | 5.05E-05 | 1.78E-04 | 1.78E-04 | 0.00E+00                         | 5.24E-05          | 3.79E-06         | 0.00E+00          | 0.00E+00                |

| Estimated Annual Average Ambient Concentrations (µg/m <sup>3</sup> ) for Lead Compounds |                    |       |                      |                                                                        |          |          |          |          |          |          |          |                                  |                   |                  |                   |                         |
|-----------------------------------------------------------------------------------------|--------------------|-------|----------------------|------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------------------------------|-------------------|------------------|-------------------|-------------------------|
| State                                                                                   | County             | FIPS  | Urban<br>or<br>Rural | Percentile Distribution of Ambient Concentrations Across Census Tracts |          |          |          |          |          |          |          | Contribution to Average from ... |                   |                  |                   |                         |
|                                                                                         |                    |       |                      | 5th                                                                    | 10th     | 25th     | Median   | Average  | 75th     | 90th     | 95th     | Major                            | Area and<br>Other | Onroad<br>Mobile | Nonroad<br>Mobile | Estimated<br>Background |
| Washington                                                                              | Pierce             | 53053 | U                    | 1.27E-03                                                               | 1.77E-03 | 2.46E-03 | 3.48E-03 | 3.47E-03 | 4.31E-03 | 5.43E-03 | 6.01E-03 | 8.50E-05                         | 9.42E-04          | 4.81E-05         | 2.39E-03          | 0.00E+00                |
| Washington                                                                              | San Juan           | 53055 | R                    | 1.59E-04                                                               | 1.59E-04 | 1.84E-04 | 2.19E-04 | 1.02E-03 | 9.27E-04 | 4.41E-03 | 4.41E-03 | 1.29E-05                         | 9.74E-06          | 5.19E-06         | 9.92E-04          | 0.00E+00                |
| Washington                                                                              | Skagit             | 53057 | U                    | 4.55E-05                                                               | 6.55E-05 | 2.19E-04 | 3.05E-04 | 4.98E-04 | 5.17E-04 | 9.93E-04 | 1.11E-03 | 1.08E-05                         | 1.64E-04          | 3.00E-05         | 2.93E-04          | 0.00E+00                |
| Washington                                                                              | Skamania           | 53059 | R                    | 1.01E-05                                                               | 1.01E-05 | 2.37E-05 | 3.45E-05 | 1.99E-04 | 3.54E-05 | 8.89E-04 | 8.89E-04 | 7.34E-06                         | 2.97E-05          | 4.76E-06         | 1.57E-04          | 0.00E+00                |
| Washington                                                                              | Snohomish          | 53061 | U                    | 1.23E-04                                                               | 1.90E-04 | 4.32E-04 | 1.51E-03 | 2.69E-03 | 5.14E-03 | 6.16E-03 | 6.54E-03 | 4.47E-06                         | 9.84E-04          | 3.81E-05         | 1.66E-03          | 0.00E+00                |
| Washington                                                                              | Spokane            | 53063 | U                    | 1.89E-04                                                               | 2.45E-04 | 3.37E-04 | 5.36E-04 | 5.89E-04 | 6.64E-04 | 8.10E-04 | 1.00E-03 | 1.07E-05                         | 2.27E-04          | 1.85E-05         | 3.33E-04          | 0.00E+00                |
| Washington                                                                              | Stevens            | 53065 | R                    | 1.13E-05                                                               | 1.35E-05 | 2.18E-05 | 9.96E-05 | 1.52E-04 | 2.05E-04 | 3.33E-04 | 6.87E-04 | 2.67E-07                         | 1.03E-04          | 7.56E-06         | 4.07E-05          | 0.00E+00                |
| Washington                                                                              | Thurston           | 53067 | U                    | 9.99E-05                                                               | 1.16E-04 | 1.72E-04 | 3.24E-04 | 3.98E-04 | 5.54E-04 | 7.03E-04 | 1.08E-03 | 4.32E-06                         | 2.15E-04          | 2.15E-05         | 1.56E-04          | 0.00E+00                |
| Washington                                                                              | Wahkiakum          | 53069 | R                    | 1.75E-04                                                               | 1.75E-04 | 1.75E-04 | 1.75E-04 | 1.75E-04 | 1.75E-04 | 1.75E-04 | 1.75E-04 | 1.47E-04                         | 1.38E-05          | 6.52E-06         | 7.50E-06          | 0.00E+00                |
| Washington                                                                              | Walla Walla        | 53071 | U                    | 1.26E-04                                                               | 2.97E-04 | 6.70E-04 | 7.07E-04 | 1.11E-03 | 1.02E-03 | 2.96E-03 | 3.12E-03 | 7.52E-05                         | 9.42E-04          | 2.89E-05         | 6.33E-05          | 0.00E+00                |
| Washington                                                                              | Whatcom            | 53073 | U                    | 7.73E-05                                                               | 9.69E-05 | 1.42E-04 | 3.79E-04 | 9.93E-04 | 9.43E-04 | 1.69E-03 | 2.05E-03 | 5.00E-05                         | 1.59E-04          | 9.23E-06         | 7.75E-04          | 0.00E+00                |
| Washington                                                                              | Whitman            | 53075 | U                    | 2.57E-05                                                               | 2.34E-04 | 5.98E-04 | 2.25E-03 | 3.37E-03 | 5.48E-03 | 8.89E-03 | 1.16E-02 | 5.17E-05                         | 2.54E-04          | 2.71E-05         | 3.04E-03          | 0.00E+00                |
| Washington                                                                              | Yakima             | 53077 | R                    | 1.17E-04                                                               | 1.22E-04 | 4.17E-04 | 1.39E-03 | 2.57E-03 | 2.66E-03 | 7.22E-03 | 9.85E-03 | 0.00E+00                         | 9.04E-04          | 8.22E-06         | 1.66E-03          | 0.00E+00                |
| West Virginia                                                                           | Statewide          | N/A   | N/A                  | 3.32E-05                                                               | 5.46E-05 | 1.41E-04 | 3.47E-04 | 9.69E-04 | 9.14E-04 | 2.42E-03 | 4.28E-03 | 4.03E-05                         | 7.22E-04          | 1.87E-05         | 1.89E-04          | 0.00E+00                |
| West Virginia                                                                           | All Urban Counties | N/A   | U                    | 2.16E-04                                                               | 2.59E-04 | 4.20E-04 | 7.77E-04 | 1.78E-03 | 2.06E-03 | 4.50E-03 | 5.88E-03 | 6.65E-05                         | 1.46E-03          | 2.22E-05         | 2.36E-04          | 0.00E+00                |
| West Virginia                                                                           | All Rural Counties | N/A   | R                    | 2.29E-05                                                               | 3.63E-05 | 8.15E-05 | 1.83E-04 | 4.65E-04 | 4.43E-04 | 1.01E-03 | 1.62E-03 | 2.40E-05                         | 2.66E-04          | 1.65E-05         | 1.59E-04          | 0.00E+00                |
| West Virginia                                                                           | Barbour            | 54001 | R                    | 9.05E-05                                                               | 9.05E-05 | 1.12E-04 | 1.77E-04 | 1.77E-04 | 2.42E-04 | 2.63E-04 | 2.63E-04 | 1.08E-04                         | 4.13E-05          | 7.27E-06         | 2.01E-05          | 0.00E+00                |
| West Virginia                                                                           | Berkeley           | 54003 | U                    | 1.55E-04                                                               | 2.51E-04 | 2.59E-04 | 2.82E-04 | 3.13E-04 | 3.61E-04 | 4.11E-04 | 5.63E-04 | 3.88E-06                         | 2.42E-04          | 3.45E-05         | 3.23E-05          | 0.00E+00                |
| West Virginia                                                                           | Boone              | 54005 | R                    | 6.12E-05                                                               | 6.12E-05 | 6.37E-05 | 8.12E-05 | 8.61E-05 | 1.02E-04 | 1.41E-04 | 1.41E-04 | 1.16E-05                         | 3.99E-05          | 1.19E-05         | 2.27E-05          | 0.00E+00                |
| West Virginia                                                                           | Braxton            | 54007 | R                    | 2.33E-05                                                               | 2.33E-05 | 2.33E-05 | 3.53E-05 | 3.19E-05 | 3.70E-05 | 3.70E-05 | 3.70E-05 | 1.58E-06                         | 2.45E-05          | 5.79E-06         | 0.00E+00          | 0.00E+00                |
| West Virginia                                                                           | Brooke             | 54009 | R                    | 9.72E-04                                                               | 9.72E-04 | 1.53E-03 | 2.53E-03 | 3.58E-03 | 5.03E-03 | 9.68E-03 | 9.68E-03 | 9.32E-05                         | 3.25E-03          | 1.29E-05         | 2.28E-04          | 0.00E+00                |
| West Virginia                                                                           | Cabell             | 54011 | U                    | 3.12E-04                                                               | 3.57E-04 | 5.25E-04 | 1.36E-03 | 1.75E-03 | 2.42E-03 | 3.51E-03 | 4.58E-03 | 2.74E-05                         | 1.61E-03          | 2.10E-05         | 9.20E-05          | 0.00E+00                |
| West Virginia                                                                           | Calhoun            | 54013 | R                    | 2.03E-05                                                               | 2.03E-05 | 2.03E-05 | 3.39E-05 | 3.39E-05 | 4.76E-05 | 4.76E-05 | 4.76E-05 | 2.91E-07                         | 2.91E-05          | 4.54E-06         | 0.00E+00          | 0.00E+00                |
| West Virginia                                                                           | Clay               | 54015 | R                    | 4.50E-05                                                               | 4.50E-05 | 4.50E-05 | 7.94E-05 | 7.29E-05 | 9.42E-05 | 9.42E-05 | 9.42E-05 | 5.51E-06                         | 4.19E-05          | 8.17E-06         | 1.73E-05          | 0.00E+00                |
| West Virginia                                                                           | Doddridge          | 54017 | R                    | 1.30E-04                                                               | 1.30E-04 | 1.30E-04 | 1.34E-04 | 1.34E-04 | 1.39E-04 | 1.39E-04 | 1.39E-04 | 8.79E-06                         | 1.15E-04          | 4.38E-06         | 5.94E-06          | 0.00E+00                |
| West Virginia                                                                           | Fayette            | 54019 | R                    | 1.28E-04                                                               | 1.78E-04 | 1.81E-04 | 2.26E-04 | 2.71E-04 | 2.95E-04 | 4.90E-04 | 5.65E-04 | 3.87E-06                         | 7.45E-05          | 2.03E-05         | 1.73E-04          | 0.00E+00                |
| West Virginia                                                                           | Gilmer             | 54021 | R                    | 2.28E-05                                                               | 2.28E-05 | 2.28E-05 | 2.29E-05 | 2.71E-05 | 3.56E-05 | 3.56E-05 | 3.56E-05 | 1.84E-06                         | 1.98E-05          | 5.42E-06         | 0.00E+00          | 0.00E+00                |
| West Virginia                                                                           | Grant              | 54023 | R                    | 1.69E-05                                                               | 1.69E-05 | 1.69E-05 | 1.82E-05 | 2.03E-05 | 2.58E-05 | 2.58E-05 | 2.58E-05 | 2.85E-06                         | 1.36E-05          | 3.80E-06         | 0.00E+00          | 0.00E+00                |
| West Virginia                                                                           | Greenbrier         | 54025 | R                    | 3.37E-05                                                               | 3.37E-05 | 6.97E-05 | 1.21E-04 | 1.36E-04 | 2.18E-04 | 2.66E-04 | 2.66E-04 | 2.80E-06                         | 2.59E-05          | 6.83E-06         | 1.00E-04          | 0.00E+00                |
| West Virginia                                                                           | Hampshire          | 54027 | R                    | 1.21E-04                                                               | 1.21E-04 | 1.38E-04 | 1.90E-04 | 1.83E-04 | 2.25E-04 | 2.43E-04 | 2.43E-04 | 2.47E-06                         | 4.48E-05          | 6.82E-06         | 1.29E-04          | 0.00E+00                |
| West Virginia                                                                           | Hancock            | 54029 | U                    | 1.63E-03                                                               | 1.80E-03 | 1.96E-03 | 2.08E-03 | 2.57E-03 | 3.08E-03 | 3.49E-03 | 5.19E-03 | 9.63E-05                         | 1.98E-03          | 1.68E-05         | 4.75E-04          | 0.00E+00                |
| West Virginia                                                                           | Hardy              | 54031 | R                    | 1.72E-05                                                               | 1.72E-05 | 1.72E-05 | 2.84E-05 | 2.48E-05 | 2.87E-05 | 2.87E-05 | 2.87E-05 | 3.54E-06                         | 1.62E-05          | 5.00E-06         | 0.00E+00          | 0.00E+00                |
| West Virginia                                                                           | Harrison           | 54033 | R                    | 1.17E-04                                                               | 1.36E-04 | 1.63E-04 | 2.69E-04 | 3.65E-04 | 3.29E-04 | 4.45E-04 | 4.76E-04 | 3.84E-05                         | 1.21E-04          | 2.23E-05         | 1.84E-04          | 0.00E+00                |
| West Virginia                                                                           | Jackson            | 54035 | R                    | 1.18E-04                                                               | 1.18E-04 | 1.47E-04 | 1.76E-04 | 1.92E-04 | 2.56E-04 | 2.75E-04 | 2.75E-04 | 2.63E-05                         | 1.39E-04          | 1.09E-05         | 1.60E-05          | 0.00E+00                |
| West Virginia                                                                           | Jefferson          | 54037 | U                    | 7.82E-04                                                               | 7.82E-04 | 9.77E-04 | 1.07E-03 | 1.15E-03 | 1.30E-03 | 1.65E-03 | 1.65E-03 | 3.02E-06                         | 1.92E-04          | 2.95E-05         | 9.25E-04          | 0.00E+00                |
| West Virginia                                                                           | Kanawha            | 54039 | U                    | 2.52E-04                                                               | 3.28E-04 | 4.21E-04 | 5.85E-04 | 7.84E-04 | 9.29E-04 | 1.22E-03 | 2.47E-03 | 1.35E-04                         | 2.93E-04          | 3.19E-05         | 3.23E-04          | 0.00E+00                |
| West Virginia                                                                           | Lewis              | 54041 | R                    | 3.63E-05                                                               | 3.63E-05 | 5.65E-05 | 9.66E-05 | 9.53E-05 | 1.38E-04 | 1.49E-04 | 1.49E-04 | 2.62E-05                         | 4.83E-05          | 1.04E-05         | 1.04E-05          | 0.00E+00                |
| West Virginia                                                                           | Lincoln            | 54043 | R                    | 3.53E-05                                                               | 3.53E-05 | 1.15E-04 | 1.31E-04 | 1.27E-04 | 1.47E-04 | 2.10E-04 | 2.10E-04 | 3.03E-05                         | 7.14E-05          | 8.61E-06         | 1.71E-05          | 0.00E+00                |
| West Virginia                                                                           | Logan              | 54045 | R                    | 5.18E-05                                                               | 5.18E-05 | 6.01E-05 | 6.73E-05 | 7.80E-05 | 8.12E-05 | 1.54E-04 | 1.54E-04 | 0.00E+00                         | 6.21E-05          | 1.58E-05         | 9.76E-09          | 0.00E+00                |
| West Virginia                                                                           | McDowell           | 54047 | R                    | 4.36E-05                                                               | 4.36E-05 | 5.46E-05 | 6.93E-05 | 2.10E-04 | 9.10E-05 | 1.29E-03 | 1.29E-03 | 0.00E+00                         | 1.88E-04          | 1.38E-05         | 8.32E-06          | 0.00E+00                |
| West Virginia                                                                           | Marion             | 54049 | R                    | 2.42E-04                                                               | 2.96E-04 | 3.25E-04 | 4.41E-04 | 4.55E-04 | 5.30E-04 | 5.64E-04 | 1.00E-03 | 4.76E-05                         | 1.96E-04          | 3.22E-05         | 1.80E-04          | 0.00E+00                |
| West Virginia                                                                           | Marshall           | 54051 | R                    | 2.38E-04                                                               | 2.55E-04 | 2.98E-04 | 3.29E-04 | 3.75E-04 | 4.30E-04 | 5.86E-04 | 7.31E-04 | 1.47E-05                         | 3.50E-04          | 1.08E-05         | 0.00E+00          | 0.00E+00                |
| West Virginia                                                                           | Mason              | 54053 | R                    | 7.33E-05                                                               | 7.33E-05 | 8.36E-05 | 9.88E-05 | 1.13E-04 | 1.43E-04 | 1.81E-04 | 1.81E-04 | 1.70E-05                         | 8.03E-05          | 1.27E-05         | 2.98E-06          | 0.00E+00                |
| West Virginia                                                                           | Mercer             | 54055 | R                    | 9.47E-05                                                               | 1.14E-04 | 1.45E-04 | 1.77E-04 | 3.55E-04 | 2.93E-04 | 5.66E-04 | 2.39E-03 | 5.96E-07                         | 1.11E-04          | 2.35E-05         | 2.20E-04          | 0.00E+00                |
| West Virginia                                                                           | Mineral            | 54057 | R                    | 3.57E-05                                                               | 3.57E-05 | 1.19E-04 | 1.47E-04 | 5.82E-04 | 9.84E-04 | 2.15E-03 | 2.15E-03 | 6.64E-06                         | 6.42E-05          | 6.37E-06         | 5.05E-04          | 0.00E+00                |
| West Virginia                                                                           | Mingo              | 54059 | R                    | 3.30E-05                                                               | 3.30E-05 | 3.32E-05 | 4.14E-05 | 5.10E-05 | 5.49E-05 | 1.16E-04 | 1.16E-04 | 6.82E-07                         | 3.65E-05          | 1.38E-05         | 0.00E+00          | 0.00E+00                |
| West Virginia                                                                           | Monongalia         | 54061 | R                    | 3.91E-04                                                               | 3.98E-04 | 5.77E-04 | 9.55E-04 | 1.34E-03 | 1.51E-03 | 3.02E-03 | 6.63E-03 | 7.56E-05                         | 3.84E-04          | 4.06E-05         | 8.44E-04          | 0.00E+00                |
| West Virginia                                                                           | Monroe             | 54063 | R                    | 3.99E-05                                                               | 3.99E-05 | 3.99E-05 | 6.18E-05 | 7.27E-05 | 1.16E-04 | 1.16E-04 | 1.16E-04 | 3.44E-06                         | 3.15E-05          | 6.05E-06         | 3.18E-05          | 0.00E+00                |
| West Virginia                                                                           | Morgan             | 54065 | R                    | 1.06E-04                                                               | 1.06E-04 | 1.42E-04 | 1.88E-04 | 1.71E-04 | 2.00E-04 | 2.04E-04 | 2.04E-04 | 2.70E-06                         | 1.06E-04          | 1.18E-05         | 5.08E-05          | 0.00E+00                |
| West Virginia                                                                           | Nicholas           | 54067 | R                    | 2.25E-05                                                               | 2.25E-05 | 3.05E-05 | 5.51E-05 | 5.70E-05 | 8.08E-05 | 1.04E-04 | 1.04E-04 | 1.43E-06                         | 3.08E-05          | 7.44E-06         | 1.73E-05          | 0.00E+00                |



| Estimated Annual Average Ambient Concentrations (µg/m <sup>3</sup> ) for Lead Compounds |                    |       |                      |                                                                        |          |          |          |          |          |          |          |                                  |                   |                  |                   |                         |
|-----------------------------------------------------------------------------------------|--------------------|-------|----------------------|------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------------------------------|-------------------|------------------|-------------------|-------------------------|
| State                                                                                   | County             | FIPS  | Urban<br>or<br>Rural | Percentile Distribution of Ambient Concentrations Across Census Tracts |          |          |          |          |          |          |          | Contribution to Average from ... |                   |                  |                   |                         |
|                                                                                         |                    |       |                      | 5th                                                                    | 10th     | 25th     | Median   | Average  | 75th     | 90th     | 95th     | Major                            | Area and<br>Other | Onroad<br>Mobile | Nonroad<br>Mobile | Estimated<br>Background |
| West Virginia                                                                           | Ohio               | 54069 | U                    | 3.56E-04                                                               | 3.72E-04 | 4.32E-04 | 4.78E-04 | 5.26E-04 | 5.59E-04 | 7.86E-04 | 8.27E-04 | 2.16E-05                         | 4.87E-04          | 1.71E-05         | 8.40E-11          | 0.00E+00                |
| West Virginia                                                                           | Pendleton          | 54071 | R                    | 1.36E-05                                                               | 1.36E-05 | 1.36E-05 | 1.87E-05 | 1.83E-05 | 2.25E-05 | 2.25E-05 | 2.25E-05 | 9.08E-07                         | 1.38E-05          | 2.85E-06         | 7.54E-07          | 0.00E+00                |
| West Virginia                                                                           | Pleasants          | 54073 | R                    | 1.46E-03                                                               | 1.46E-03 | 1.46E-03 | 1.48E-03 | 1.48E-03 | 1.51E-03 | 1.51E-03 | 1.51E-03 | 2.14E-05                         | 1.32E-03          | 7.60E-06         | 1.36E-04          | 0.00E+00                |
| West Virginia                                                                           | Pocahontas         | 54075 | R                    | 5.67E-06                                                               | 5.67E-06 | 7.17E-06 | 8.39E-06 | 1.13E-05 | 1.54E-05 | 1.97E-05 | 1.97E-05 | 1.18E-06                         | 8.11E-06          | 1.58E-06         | 3.92E-07          | 0.00E+00                |
| West Virginia                                                                           | Preston            | 54077 | R                    | 1.53E-04                                                               | 1.53E-04 | 2.86E-04 | 4.20E-04 | 7.78E-04 | 1.38E-03 | 1.91E-03 | 1.91E-03 | 5.95E-05                         | 6.65E-04          | 6.81E-06         | 4.64E-05          | 0.00E+00                |
| West Virginia                                                                           | Putnam             | 54079 | U                    | 1.74E-04                                                               | 1.74E-04 | 2.16E-04 | 2.34E-04 | 2.76E-04 | 3.53E-04 | 4.10E-04 | 4.10E-04 | 9.35E-05                         | 1.33E-04          | 1.68E-05         | 3.20E-05          | 0.00E+00                |
| West Virginia                                                                           | Raleigh            | 54081 | R                    | 1.23E-04                                                               | 1.59E-04 | 2.59E-04 | 3.79E-04 | 7.20E-04 | 7.69E-04 | 1.13E-03 | 3.81E-03 | 4.30E-07                         | 1.83E-04          | 4.15E-05         | 4.96E-04          | 0.00E+00                |
| West Virginia                                                                           | Randolph           | 54083 | R                    | 2.43E-05                                                               | 2.43E-05 | 4.78E-05 | 2.10E-04 | 3.31E-04 | 2.71E-04 | 1.49E-03 | 1.49E-03 | 1.36E-05                         | 3.09E-04          | 8.29E-06         | 0.00E+00          | 0.00E+00                |
| West Virginia                                                                           | Ritchie            | 54085 | R                    | 1.99E-04                                                               | 1.99E-04 | 1.99E-04 | 2.17E-04 | 2.23E-04 | 2.54E-04 | 2.54E-04 | 2.54E-04 | 6.28E-06                         | 1.83E-04          | 4.13E-06         | 3.03E-05          | 0.00E+00                |
| West Virginia                                                                           | Roane              | 54087 | R                    | 8.30E-05                                                               | 8.30E-05 | 9.17E-05 | 1.08E-04 | 1.15E-04 | 1.37E-04 | 1.59E-04 | 1.59E-04 | 1.39E-05                         | 6.10E-05          | 8.43E-06         | 3.13E-05          | 0.00E+00                |
| West Virginia                                                                           | Summers            | 54089 | R                    | 1.16E-04                                                               | 1.16E-04 | 1.32E-04 | 1.63E-04 | 1.88E-04 | 2.43E-04 | 3.08E-04 | 3.08E-04 | 1.19E-06                         | 5.75E-05          | 1.09E-05         | 1.18E-04          | 0.00E+00                |
| West Virginia                                                                           | Taylor             | 54091 | R                    | 3.08E-04                                                               | 3.08E-04 | 3.08E-04 | 3.13E-04 | 3.72E-04 | 4.36E-04 | 5.55E-04 | 5.55E-04 | 1.33E-04                         | 5.85E-05          | 1.20E-05         | 1.68E-04          | 0.00E+00                |
| West Virginia                                                                           | Tucker             | 54093 | R                    | 2.63E-05                                                               | 2.63E-05 | 2.63E-05 | 5.08E-05 | 5.00E-05 | 7.28E-05 | 7.28E-05 | 7.28E-05 | 7.52E-06                         | 3.85E-05          | 3.92E-06         | 0.00E+00          | 0.00E+00                |
| West Virginia                                                                           | Tyler              | 54095 | R                    | 4.49E-04                                                               | 4.49E-04 | 4.49E-04 | 5.17E-04 | 5.08E-04 | 5.58E-04 | 5.58E-04 | 5.58E-04 | 4.26E-06                         | 4.74E-04          | 6.64E-06         | 2.28E-05          | 0.00E+00                |
| West Virginia                                                                           | Upshur             | 54097 | R                    | 6.56E-05                                                               | 6.56E-05 | 8.93E-05 | 3.46E-04 | 3.22E-04 | 4.65E-04 | 6.23E-04 | 6.23E-04 | 5.66E-05                         | 2.30E-04          | 1.57E-05         | 1.96E-05          | 0.00E+00                |
| West Virginia                                                                           | Wayne              | 54099 | U                    | 4.41E-05                                                               | 1.01E-04 | 1.51E-04 | 3.62E-04 | 4.75E-04 | 8.35E-04 | 9.60E-04 | 1.04E-03 | 2.75E-05                         | 3.23E-04          | 1.01E-05         | 1.14E-04          | 0.00E+00                |
| West Virginia                                                                           | Webster            | 54101 | R                    | 3.94E-05                                                               | 3.94E-05 | 3.94E-05 | 5.98E-05 | 5.40E-05 | 6.28E-05 | 6.28E-05 | 6.28E-05 | 0.00E+00                         | 4.83E-05          | 5.76E-06         | 0.00E+00          | 0.00E+00                |
| West Virginia                                                                           | Wetzel             | 54103 | R                    | 8.10E-04                                                               | 8.10E-04 | 8.40E-04 | 9.40E-04 | 1.08E-03 | 1.31E-03 | 1.62E-03 | 1.62E-03 | 4.40E-06                         | 1.06E-03          | 8.69E-06         | 3.98E-06          | 0.00E+00                |
| West Virginia                                                                           | Wirt               | 54105 | R                    | 3.28E-04                                                               | 3.28E-04 | 3.28E-04 | 3.28E-04 | 3.28E-04 | 3.28E-04 | 3.28E-04 | 3.28E-04 | 1.63E-05                         | 2.75E-04          | 4.53E-06         | 3.24E-05          | 0.00E+00                |
| West Virginia                                                                           | Wood               | 54107 | U                    | 1.53E-03                                                               | 1.62E-03 | 3.63E-03 | 4.98E-03 | 6.17E-03 | 7.51E-03 | 1.22E-02 | 1.55E-02 | 4.96E-05                         | 5.77E-03          | 1.16E-05         | 3.30E-04          | 0.00E+00                |
| West Virginia                                                                           | Wyoming            | 54109 | R                    | 3.95E-05                                                               | 3.95E-05 | 5.98E-05 | 6.21E-05 | 8.07E-05 | 8.26E-05 | 1.60E-04 | 1.60E-04 | 2.43E-07                         | 3.30E-05          | 1.11E-05         | 3.64E-05          | 0.00E+00                |
| Wisconsin                                                                               | Statewide          | N/A   | N/A                  | 3.54E-05                                                               | 5.78E-05 | 2.11E-04 | 8.12E-04 | 2.17E-03 | 2.53E-03 | 5.80E-03 | 8.42E-03 | 2.52E-05                         | 1.32E-03          | 3.74E-05         | 7.94E-04          | 0.00E+00                |
| Wisconsin                                                                               | All Urban Counties | N/A   | U                    | 2.18E-04                                                               | 3.76E-04 | 7.40E-04 | 1.45E-03 | 3.10E-03 | 4.17E-03 | 7.18E-03 | 1.06E-02 | 2.81E-05                         | 1.87E-03          | 5.00E-05         | 1.15E-03          | 0.00E+00                |
| Wisconsin                                                                               | All Rural Counties | N/A   | R                    | 2.08E-05                                                               | 2.92E-05 | 4.98E-05 | 1.16E-04 | 2.94E-04 | 2.89E-04 | 6.80E-04 | 8.65E-04 | 1.94E-05                         | 1.95E-04          | 1.20E-05         | 6.79E-05          | 0.00E+00                |
| Wisconsin                                                                               | Adams              | 55001 | R                    | 3.37E-05                                                               | 3.37E-05 | 3.73E-05 | 1.17E-04 | 1.07E-04 | 1.46E-04 | 2.35E-04 | 2.35E-04 | 6.07E-05                         | 3.85E-05          | 7.36E-06         | 0.00E+00          | 0.00E+00                |
| Wisconsin                                                                               | Ashland            | 55003 | U                    | 2.16E-05                                                               | 2.16E-05 | 2.36E-05 | 4.72E-05 | 1.42E-04 | 3.81E-04 | 3.81E-04 | 3.81E-04 | 7.98E-07                         | 1.29E-04          | 6.25E-06         | 6.20E-06          | 0.00E+00                |
| Wisconsin                                                                               | Barron             | 55005 | R                    | 6.43E-05                                                               | 6.87E-05 | 8.64E-05 | 1.06E-04 | 2.03E-04 | 1.27E-04 | 6.57E-04 | 6.81E-04 | 1.34E-05                         | 1.71E-04          | 1.56E-05         | 2.57E-06          | 0.00E+00                |
| Wisconsin                                                                               | Bayfield           | 55007 | R                    | 7.02E-06                                                               | 7.02E-06 | 7.63E-06 | 8.05E-06 | 1.02E-05 | 1.21E-05 | 1.95E-05 | 1.95E-05 | 6.62E-08                         | 8.69E-06          | 1.37E-06         | 7.07E-08          | 0.00E+00                |
| Wisconsin                                                                               | Brown              | 55009 | U                    | 4.26E-04                                                               | 4.86E-04 | 7.83E-04 | 1.14E-03 | 1.18E-03 | 1.38E-03 | 2.17E-03 | 2.43E-03 | 9.07E-05                         | 4.54E-04          | 2.86E-05         | 6.08E-04          | 0.00E+00                |
| Wisconsin                                                                               | Buffalo            | 55011 | R                    | 3.41E-05                                                               | 3.41E-05 | 3.62E-05 | 7.45E-05 | 1.02E-04 | 1.13E-04 | 2.54E-04 | 2.54E-04 | 2.72E-06                         | 6.05E-05          | 6.28E-06         | 3.28E-05          | 0.00E+00                |
| Wisconsin                                                                               | Burnett            | 55013 | R                    | 1.25E-05                                                               | 1.29E-05 | 1.78E-05 | 2.45E-05 | 2.61E-05 | 3.56E-05 | 3.99E-05 | 4.27E-05 | 0.00E+00                         | 2.31E-05          | 3.01E-06         | 0.00E+00          | 0.00E+00                |
| Wisconsin                                                                               | Calumet            | 55015 | U                    | 2.20E-04                                                               | 2.44E-04 | 3.61E-04 | 5.48E-04 | 5.87E-04 | 7.19E-04 | 1.05E-03 | 1.32E-03 | 3.69E-05                         | 3.02E-04          | 1.12E-05         | 2.36E-04          | 0.00E+00                |
| Wisconsin                                                                               | Chippewa           | 55017 | R                    | 9.61E-05                                                               | 1.46E-04 | 1.79E-04 | 4.26E-04 | 1.25E-03 | 1.05E-03 | 1.27E-03 | 9.16E-03 | 6.23E-08                         | 2.05E-04          | 7.47E-06         | 1.04E-03          | 0.00E+00                |
| Wisconsin                                                                               | Clark              | 55019 | R                    | 3.82E-05                                                               | 3.82E-05 | 4.64E-05 | 5.46E-05 | 6.78E-05 | 8.93E-05 | 1.24E-04 | 1.24E-04 | 1.51E-06                         | 5.94E-05          | 6.92E-06         | 0.00E+00          | 0.00E+00                |
| Wisconsin                                                                               | Columbia           | 55021 | R                    | 6.07E-05                                                               | 9.90E-05 | 1.59E-04 | 1.98E-04 | 1.95E-04 | 2.41E-04 | 2.77E-04 | 2.79E-04 | 4.62E-06                         | 1.08E-04          | 1.57E-05         | 6.66E-05          | 0.00E+00                |
| Wisconsin                                                                               | Crawford           | 55023 | R                    | 2.70E-05                                                               | 2.70E-05 | 2.74E-05 | 2.91E-05 | 8.86E-05 | 1.11E-04 | 3.08E-04 | 3.08E-04 | 3.28E-06                         | 7.73E-05          | 7.96E-06         | 0.00E+00          | 0.00E+00                |
| Wisconsin                                                                               | Dane               | 55025 | U                    | 3.68E-04                                                               | 5.17E-04 | 7.15E-04 | 9.11E-04 | 1.58E-03 | 1.59E-03 | 2.75E-03 | 4.66E-03 | 5.39E-06                         | 5.92E-04          | 2.33E-05         | 9.60E-04          | 0.00E+00                |
| Wisconsin                                                                               | Dodge              | 55027 | R                    | 8.20E-05                                                               | 8.95E-05 | 1.11E-04 | 1.53E-04 | 2.85E-04 | 4.22E-04 | 6.64E-04 | 9.46E-04 | 1.40E-06                         | 2.52E-04          | 2.92E-05         | 2.35E-06          | 0.00E+00                |
| Wisconsin                                                                               | Door               | 55029 | R                    | 3.21E-05                                                               | 6.35E-05 | 1.09E-04 | 1.43E-04 | 3.23E-04 | 5.73E-04 | 6.62E-04 | 8.65E-04 | 9.57E-07                         | 1.13E-04          | 9.50E-06         | 2.00E-04          | 0.00E+00                |
| Wisconsin                                                                               | Douglas            | 55031 | U                    | 4.51E-05                                                               | 1.10E-04 | 5.34E-04 | 8.73E-04 | 8.20E-04 | 1.10E-03 | 1.60E-03 | 1.77E-03 | 3.92E-04                         | 2.05E-04          | 4.98E-06         | 2.18E-04          | 0.00E+00                |
| Wisconsin                                                                               | Dunn               | 55033 | R                    | 8.50E-05                                                               | 8.50E-05 | 9.74E-05 | 1.57E-04 | 2.58E-04 | 4.04E-04 | 6.63E-04 | 6.63E-04 | 1.30E-06                         | 1.87E-04          | 1.89E-05         | 5.11E-05          | 0.00E+00                |
| Wisconsin                                                                               | Eau Claire         | 55035 | U                    | 1.31E-04                                                               | 2.03E-04 | 6.45E-04 | 1.18E-03 | 1.35E-03 | 1.78E-03 | 2.87E-03 | 3.90E-03 | 1.04E-06                         | 6.34E-04          | 1.68E-05         | 6.97E-04          | 0.00E+00                |
| Wisconsin                                                                               | Florence           | 55037 | R                    | 4.81E-05                                                               | 4.81E-05 | 4.81E-05 | 7.80E-05 | 7.80E-05 | 1.08E-04 | 1.08E-04 | 1.08E-04 | 4.61E-05                         | 2.20E-05          | 2.34E-06         | 7.50E-06          | 0.00E+00                |
| Wisconsin                                                                               | Fond du Lac        | 55039 | U                    | 1.04E-04                                                               | 1.24E-04 | 1.49E-04 | 3.75E-04 | 4.27E-04 | 5.98E-04 | 8.44E-04 | 1.06E-03 | 3.98E-07                         | 3.71E-04          | 4.54E-05         | 9.38E-06          | 0.00E+00                |
| Wisconsin                                                                               | Forest             | 55041 | R                    | 1.16E-05                                                               | 1.16E-05 | 1.53E-05 | 3.53E-05 | 3.66E-05 | 5.79E-05 | 6.43E-05 | 6.43E-05 | 3.03E-07                         | 1.87E-05          | 2.78E-06         | 1.49E-05          | 0.00E+00                |
| Wisconsin                                                                               | Grant              | 55043 | R                    | 3.45E-05                                                               | 3.79E-05 | 5.02E-05 | 4.42E-04 | 4.55E-04 | 7.82E-04 | 8.81E-04 | 1.01E-03 | 3.48E-06                         | 4.15E-04          | 9.20E-06         | 2.68E-05          | 0.00E+00                |
| Wisconsin                                                                               | Green              | 55045 | R                    | 7.23E-04                                                               | 7.23E-04 | 7.73E-04 | 2.08E-03 | 2.36E-03 | 3.14E-03 | 6.17E-03 | 6.17E-03 | 1.12E-07                         | 2.33E-03          | 2.27E-05         | 8.95E-06          | 0.00E+00                |
| Wisconsin                                                                               | Green Lake         | 55047 | R                    | 5.79E-05                                                               | 5.79E-05 | 5.81E-05 | 7.89E-05 | 1.24E-04 | 2.35E-04 | 2.37E-04 | 2.37E-04 | 1.00E-06                         | 1.01E-04          | 1.28E-05         | 9.41E-06          | 0.00E+00                |
| Wisconsin                                                                               | Iowa               | 55049 | R                    | 2.82E-05                                                               | 2.82E-05 | 3.14E-05 | 2.70E-04 | 2.84E-04 | 5.20E-04 | 5.87E-04 | 5.87E-04 | 0.00E+00                         | 2.78E-04          | 5.99E-06         | 0.00E+00          | 0.00E+00                |
| Wisconsin                                                                               | Iron               | 55051 | R                    | 4.39E-05                                                               | 4.39E-05 | 5.24E-05 | 7.75E-05 | 1.10E-04 | 1.68E-04 | 2.42E-04 | 2.42E-04 | 3.56E-07                         | 4.12E-05          | 4.59E-06         | 6.41E-05          | 0.00E+00                |

| Estimated Annual Average Ambient Concentrations (µg/m <sup>3</sup> ) for Lead Compounds |                    |       |                      |                                                                        |          |          |          |          |          |          |          |                                  |                   |                  |                   |                         |
|-----------------------------------------------------------------------------------------|--------------------|-------|----------------------|------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------------------------------|-------------------|------------------|-------------------|-------------------------|
| State                                                                                   | County             | FIPS  | Urban<br>or<br>Rural | Percentile Distribution of Ambient Concentrations Across Census Tracts |          |          |          |          |          |          |          | Contribution to Average from ... |                   |                  |                   |                         |
|                                                                                         |                    |       |                      | 5th                                                                    | 10th     | 25th     | Median   | Average  | 75th     | 90th     | 95th     | Major                            | Area and<br>Other | Onroad<br>Mobile | Nonroad<br>Mobile | Estimated<br>Background |
| Wisconsin                                                                               | Jackson            | 55053 | R                    | 2.03E-05                                                               | 2.03E-05 | 3.07E-05 | 3.07E-05 | 5.46E-05 | 4.15E-05 | 1.50E-04 | 1.50E-04 | 3.20E-07                         | 4.76E-05          | 5.27E-06         | 1.43E-06          | 0.00E+00                |
| Wisconsin                                                                               | Jefferson          | 55055 | U                    | 1.57E-04                                                               | 1.57E-04 | 2.12E-04 | 3.76E-04 | 3.86E-04 | 4.99E-04 | 6.85E-04 | 8.80E-04 | 3.21E-07                         | 2.76E-04          | 3.63E-05         | 7.27E-05          | 0.00E+00                |
| Wisconsin                                                                               | Juneau             | 55057 | R                    | 3.65E-05                                                               | 3.65E-05 | 3.90E-05 | 6.51E-05 | 6.98E-05 | 6.81E-05 | 1.64E-04 | 1.64E-04 | 6.69E-06                         | 5.65E-05          | 6.57E-06         | 0.00E+00          | 0.00E+00                |
| Wisconsin                                                                               | Kenosha            | 55059 | U                    | 6.39E-04                                                               | 8.57E-04 | 1.24E-03 | 1.45E-03 | 1.37E-03 | 1.57E-03 | 1.70E-03 | 1.84E-03 | 3.43E-06                         | 8.30E-04          | 4.17E-05         | 4.94E-04          | 0.00E+00                |
| Wisconsin                                                                               | Kewaunee           | 55061 | R                    | 8.01E-05                                                               | 8.01E-05 | 1.72E-04 | 2.06E-04 | 2.58E-04 | 4.11E-04 | 4.15E-04 | 4.15E-04 | 1.34E-05                         | 1.80E-04          | 1.07E-05         | 5.36E-05          | 0.00E+00                |
| Wisconsin                                                                               | La Crosse          | 55063 | U                    | 1.46E-04                                                               | 2.05E-04 | 2.72E-04 | 5.55E-04 | 6.88E-04 | 1.03E-03 | 1.60E-03 | 1.61E-03 | 1.02E-04                         | 3.74E-04          | 2.02E-05         | 1.92E-04          | 0.00E+00                |
| Wisconsin                                                                               | Lafayette          | 55065 | R                    | 6.23E-04                                                               | 6.23E-04 | 6.25E-04 | 7.27E-04 | 9.26E-04 | 1.27E-03 | 1.39E-03 | 1.39E-03 | 8.08E-07                         | 9.10E-04          | 4.87E-06         | 1.00E-05          | 0.00E+00                |
| Wisconsin                                                                               | Langlade           | 55067 | R                    | 1.61E-05                                                               | 1.61E-05 | 3.29E-05 | 1.23E-04 | 1.66E-04 | 3.98E-04 | 3.98E-04 | 3.98E-04 | 4.16E-07                         | 1.26E-04          | 1.28E-05         | 2.64E-05          | 0.00E+00                |
| Wisconsin                                                                               | Lincoln            | 55069 | R                    | 6.89E-05                                                               | 8.81E-05 | 1.13E-04 | 1.48E-04 | 2.31E-04 | 2.53E-04 | 5.55E-04 | 7.18E-04 | 7.36E-06                         | 1.59E-04          | 1.57E-05         | 4.99E-05          | 0.00E+00                |
| Wisconsin                                                                               | Manitowoc          | 55071 | U                    | 2.56E-04                                                               | 3.12E-04 | 3.52E-04 | 1.40E-03 | 1.82E-03 | 2.30E-03 | 5.56E-03 | 6.86E-03 | 5.82E-06                         | 1.77E-03          | 3.46E-05         | 9.54E-06          | 0.00E+00                |
| Wisconsin                                                                               | Marathon           | 55073 | R                    | 1.01E-04                                                               | 1.04E-04 | 1.60E-04 | 4.00E-04 | 4.86E-04 | 6.67E-04 | 8.12E-04 | 8.22E-04 | 4.87E-05                         | 2.69E-04          | 8.23E-06         | 1.60E-04          | 0.00E+00                |
| Wisconsin                                                                               | Marinette          | 55075 | R                    | 2.52E-05                                                               | 3.65E-05 | 5.35E-05 | 8.75E-05 | 4.08E-04 | 2.88E-04 | 1.95E-03 | 2.40E-03 | 2.10E-05                         | 3.70E-04          | 8.73E-06         | 8.68E-06          | 0.00E+00                |
| Wisconsin                                                                               | Marquette          | 55077 | R                    | 2.63E-05                                                               | 2.63E-05 | 4.29E-05 | 4.65E-05 | 4.35E-05 | 4.87E-05 | 5.29E-05 | 5.29E-05 | 3.96E-06                         | 3.26E-05          | 6.86E-06         | 0.00E+00          | 0.00E+00                |
| Wisconsin                                                                               | Menominee          | 55078 | R                    | 3.06E-05                                                               | 3.06E-05 | 3.06E-05 | 3.06E-05 | 3.06E-05 | 3.06E-05 | 3.06E-05 | 3.06E-05 | 4.40E-08                         | 2.68E-05          | 3.62E-06         | 1.37E-07          | 0.00E+00                |
| Wisconsin                                                                               | Milwaukee          | 55079 | U                    | 3.16E-03                                                               | 3.40E-03 | 3.98E-03 | 5.22E-03 | 7.04E-03 | 7.66E-03 | 1.32E-02 | 1.77E-02 | 8.45E-07                         | 4.25E-03          | 9.42E-05         | 2.69E-03          | 0.00E+00                |
| Wisconsin                                                                               | Monroe             | 55081 | R                    | 3.16E-05                                                               | 3.52E-05 | 4.20E-05 | 6.03E-05 | 1.18E-04 | 2.10E-04 | 2.42E-04 | 2.43E-04 | 5.12E-07                         | 1.03E-04          | 1.27E-05         | 2.14E-06          | 0.00E+00                |
| Wisconsin                                                                               | Oconto             | 55083 | R                    | 1.92E-05                                                               | 2.07E-05 | 2.69E-05 | 4.63E-05 | 9.55E-05 | 1.52E-04 | 2.08E-04 | 2.69E-04 | 1.40E-05                         | 5.03E-05          | 6.24E-06         | 2.49E-05          | 0.00E+00                |
| Wisconsin                                                                               | Oneida             | 55085 | R                    | 5.87E-05                                                               | 7.19E-05 | 1.54E-04 | 2.89E-04 | 4.11E-04 | 6.89E-04 | 9.59E-04 | 1.03E-03 | 3.95E-06                         | 1.27E-04          | 1.12E-05         | 2.69E-04          | 0.00E+00                |
| Wisconsin                                                                               | Outagamie          | 55087 | U                    | 4.73E-04                                                               | 6.49E-04 | 1.11E-03 | 1.34E-03 | 1.27E-03 | 1.58E-03 | 1.69E-03 | 1.70E-03 | 7.33E-05                         | 8.14E-04          | 2.25E-05         | 3.62E-04          | 0.00E+00                |
| Wisconsin                                                                               | Ozaukee            | 55089 | U                    | 2.02E-04                                                               | 7.05E-04 | 7.55E-04 | 1.16E-03 | 1.12E-03 | 1.26E-03 | 1.55E-03 | 1.94E-03 | 5.77E-06                         | 6.37E-04          | 2.93E-05         | 4.45E-04          | 0.00E+00                |
| Wisconsin                                                                               | Pepin              | 55091 | R                    | 8.21E-05                                                               | 8.21E-05 | 8.21E-05 | 9.77E-05 | 9.77E-05 | 1.13E-04 | 1.13E-04 | 1.13E-04 | 2.45E-05                         | 4.47E-05          | 6.20E-06         | 2.23E-05          | 0.00E+00                |
| Wisconsin                                                                               | Pierce             | 55093 | U                    | 1.16E-04                                                               | 1.16E-04 | 3.77E-04 | 8.95E-04 | 1.27E-03 | 2.12E-03 | 3.27E-03 | 3.27E-03 | 2.85E-04                         | 8.06E-04          | 2.02E-05         | 1.59E-04          | 0.00E+00                |
| Wisconsin                                                                               | Polk               | 55095 | R                    | 5.56E-05                                                               | 6.41E-05 | 8.27E-05 | 1.09E-04 | 1.53E-04 | 2.38E-04 | 2.50E-04 | 3.50E-04 | 9.15E-06                         | 1.34E-04          | 9.39E-06         | 1.16E-07          | 0.00E+00                |
| Wisconsin                                                                               | Portage            | 55097 | U                    | 1.06E-04                                                               | 1.70E-04 | 2.51E-04 | 3.82E-04 | 4.97E-04 | 6.62E-04 | 1.08E-03 | 1.10E-03 | 7.67E-05                         | 2.75E-04          | 3.30E-05         | 1.12E-04          | 0.00E+00                |
| Wisconsin                                                                               | Price              | 55099 | R                    | 2.60E-05                                                               | 2.60E-05 | 2.73E-05 | 3.06E-05 | 6.32E-05 | 1.33E-04 | 1.42E-04 | 1.42E-04 | 8.32E-06                         | 4.93E-05          | 4.59E-06         | 9.90E-07          | 0.00E+00                |
| Wisconsin                                                                               | Racine             | 55101 | U                    | 7.04E-04                                                               | 8.12E-04 | 1.25E-03 | 1.61E-03 | 1.62E-03 | 2.04E-03 | 2.24E-03 | 2.69E-03 | 2.20E-06                         | 9.54E-04          | 4.01E-05         | 6.19E-04          | 0.00E+00                |
| Wisconsin                                                                               | Richland           | 55103 | R                    | 2.92E-05                                                               | 2.92E-05 | 3.65E-05 | 3.67E-05 | 7.93E-05 | 1.41E-04 | 1.53E-04 | 1.53E-04 | 0.00E+00                         | 6.93E-05          | 9.96E-06         | 0.00E+00          | 0.00E+00                |
| Wisconsin                                                                               | Rock               | 55105 | U                    | 2.31E-04                                                               | 2.89E-04 | 5.74E-04 | 7.30E-04 | 9.03E-04 | 1.14E-03 | 1.54E-03 | 2.63E-03 | 1.73E-06                         | 8.08E-04          | 2.40E-05         | 6.95E-05          | 0.00E+00                |
| Wisconsin                                                                               | Rusk               | 55107 | R                    | 2.55E-05                                                               | 2.55E-05 | 3.52E-05 | 4.31E-05 | 7.71E-05 | 4.63E-05 | 2.36E-04 | 2.36E-04 | 1.55E-06                         | 6.81E-05          | 7.52E-06         | 0.00E+00          | 0.00E+00                |
| Wisconsin                                                                               | St. Croix          | 55109 | U                    | 1.32E-04                                                               | 2.71E-04 | 6.41E-04 | 1.25E-03 | 1.47E-03 | 2.53E-03 | 2.93E-03 | 3.22E-03 | 1.55E-04                         | 1.18E-03          | 1.60E-05         | 1.18E-04          | 0.00E+00                |
| Wisconsin                                                                               | Sauk               | 55111 | R                    | 4.10E-05                                                               | 4.46E-05 | 6.40E-05 | 1.34E-04 | 1.40E-04 | 2.13E-04 | 2.34E-04 | 2.68E-04 | 1.55E-06                         | 1.06E-04          | 1.47E-05         | 1.80E-05          | 0.00E+00                |
| Wisconsin                                                                               | Sawyer             | 55113 | R                    | 1.20E-05                                                               | 1.20E-05 | 1.58E-05 | 2.19E-05 | 3.18E-05 | 3.96E-05 | 8.77E-05 | 8.77E-05 | 2.59E-07                         | 2.82E-05          | 3.28E-06         | 0.00E+00          | 0.00E+00                |
| Wisconsin                                                                               | Shawano            | 55115 | R                    | 3.65E-05                                                               | 3.96E-05 | 7.07E-05 | 1.14E-04 | 1.52E-04 | 2.29E-04 | 3.47E-04 | 3.55E-04 | 1.01E-05                         | 1.20E-04          | 1.27E-05         | 9.34E-06          | 0.00E+00                |
| Wisconsin                                                                               | Sheboygan          | 55117 | U                    | 1.50E-04                                                               | 1.57E-04 | 3.53E-04 | 9.82E-04 | 1.46E-03 | 2.36E-03 | 2.88E-03 | 3.73E-03 | 1.10E-04                         | 1.34E-03          | 1.09E-05         | 6.56E-07          | 0.00E+00                |
| Wisconsin                                                                               | Taylor             | 55119 | R                    | 2.62E-05                                                               | 2.62E-05 | 2.65E-05 | 4.64E-05 | 1.22E-04 | 1.59E-04 | 4.30E-04 | 4.30E-04 | 5.50E-07                         | 1.15E-04          | 7.26E-06         | 0.00E+00          | 0.00E+00                |
| Wisconsin                                                                               | Trempealeau        | 55121 | R                    | 4.53E-05                                                               | 4.53E-05 | 5.32E-05 | 6.35E-05 | 7.40E-05 | 9.55E-05 | 1.22E-04 | 1.22E-04 | 2.39E-06                         | 4.62E-05          | 5.92E-06         | 1.95E-05          | 0.00E+00                |
| Wisconsin                                                                               | Vernon             | 55123 | R                    | 3.37E-05                                                               | 3.37E-05 | 3.43E-05 | 5.87E-05 | 6.15E-05 | 9.47E-05 | 9.56E-05 | 9.56E-05 | 4.45E-06                         | 4.24E-05          | 5.72E-06         | 8.89E-06          | 0.00E+00                |
| Wisconsin                                                                               | Vilas              | 55125 | R                    | 2.06E-05                                                               | 2.35E-05 | 2.81E-05 | 6.95E-05 | 1.13E-04 | 1.08E-04 | 1.63E-04 | 6.80E-04 | 4.73E-07                         | 3.36E-05          | 4.75E-06         | 7.43E-05          | 0.00E+00                |
| Wisconsin                                                                               | Walworth           | 55127 | R                    | 1.71E-04                                                               | 2.67E-04 | 2.86E-04 | 3.89E-04 | 3.89E-04 | 4.85E-04 | 5.12E-04 | 6.07E-04 | 3.08E-06                         | 3.15E-04          | 3.56E-05         | 3.59E-05          | 0.00E+00                |
| Wisconsin                                                                               | Washburn           | 55129 | R                    | 1.53E-05                                                               | 1.53E-05 | 2.61E-05 | 3.79E-05 | 4.36E-05 | 4.63E-05 | 9.81E-05 | 9.81E-05 | 1.41E-06                         | 3.77E-05          | 4.52E-06         | 0.00E+00          | 0.00E+00                |
| Wisconsin                                                                               | Washington         | 55131 | U                    | 1.31E-04                                                               | 1.43E-04 | 2.56E-04 | 4.37E-04 | 4.39E-04 | 6.06E-04 | 6.93E-04 | 9.37E-04 | 1.02E-06                         | 3.59E-04          | 2.61E-05         | 5.30E-05          | 0.00E+00                |
| Wisconsin                                                                               | Waukesha           | 55133 | U                    | 4.59E-04                                                               | 4.95E-04 | 7.79E-04 | 1.07E-03 | 1.15E-03 | 1.53E-03 | 1.79E-03 | 1.97E-03 | 1.64E-07                         | 8.62E-04          | 4.43E-05         | 2.48E-04          | 0.00E+00                |
| Wisconsin                                                                               | Waupaca            | 55135 | R                    | 5.46E-05                                                               | 5.54E-05 | 8.28E-05 | 1.06E-04 | 1.54E-04 | 1.71E-04 | 2.53E-04 | 5.56E-04 | 3.27E-06                         | 1.22E-04          | 1.32E-05         | 1.60E-05          | 0.00E+00                |
| Wisconsin                                                                               | Waushara           | 55137 | R                    | 4.22E-05                                                               | 4.22E-05 | 4.86E-05 | 6.40E-05 | 7.12E-05 | 9.50E-05 | 1.12E-04 | 1.12E-04 | 1.66E-05                         | 4.07E-05          | 6.86E-06         | 7.07E-06          | 0.00E+00                |
| Wisconsin                                                                               | Winnebago          | 55139 | U                    | 2.14E-04                                                               | 2.76E-04 | 6.18E-04 | 9.26E-04 | 8.66E-04 | 1.15E-03 | 1.31E-03 | 1.33E-03 | 1.63E-05                         | 5.59E-04          | 2.22E-05         | 2.69E-04          | 0.00E+00                |
| Wisconsin                                                                               | Wood               | 55141 | R                    | 2.17E-04                                                               | 2.47E-04 | 3.91E-04 | 6.17E-04 | 6.47E-04 | 7.26E-04 | 1.32E-03 | 1.54E-03 | 2.90E-04                         | 2.89E-04          | 3.74E-05         | 3.01E-05          | 0.00E+00                |
| Wyoming                                                                                 | Statewide          | N/A   | N/A                  | 1.15E-06                                                               | 1.48E-06 | 7.52E-06 | 5.95E-05 | 1.68E-04 | 2.15E-04 | 4.13E-04 | 5.95E-04 | 1.44E-05                         | 5.42E-05          | 6.64E-06         | 9.26E-05          | 0.00E+00                |
| Wyoming                                                                                 | All Urban Counties | N/A   | U                    | 1.33E-06                                                               | 1.92E-06 | 1.46E-05 | 1.05E-04 | 2.17E-04 | 2.74E-04 | 4.45E-04 | 7.31E-04 | 1.92E-05                         | 7.20E-05          | 8.10E-06         | 1.18E-04          | 0.00E+00                |
| Wyoming                                                                                 | All Rural Counties | N/A   | R                    | 7.13E-07                                                               | 9.89E-07 | 2.54E-06 | 1.31E-05 | 5.67E-05 | 5.72E-05 | 1.60E-04 | 2.94E-04 | 3.65E-06                         | 1.44E-05          | 3.36E-06         | 3.54E-05          | 0.00E+00                |
| Wyoming                                                                                 | Albany             | 56001 | U                    | 1.51E-06                                                               | 7.24E-06 | 8.92E-05 | 2.60E-04 | 2.35E-04 | 3.47E-04 | 4.28E-04 | 4.45E-04 | 0.00E+00                         | 1.12E-04          | 1.64E-05         | 1.06E-04          | 0.00E+00                |

| Estimated Annual Average Ambient Concentrations (µg/m <sup>3</sup> ) for Lead Compounds |                        |            |                      |                                                                        |                 |                 |                 |                 |                 |                 |                 |                                  |                   |                  |                   |                         |
|-----------------------------------------------------------------------------------------|------------------------|------------|----------------------|------------------------------------------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------------------------|-------------------|------------------|-------------------|-------------------------|
| State                                                                                   | County                 | FIPS       | Urban<br>or<br>Rural | Percentile Distribution of Ambient Concentrations Across Census Tracts |                 |                 |                 |                 |                 |                 |                 | Contribution to Average from ... |                   |                  |                   |                         |
|                                                                                         |                        |            |                      | 5th                                                                    | 10th            | 25th            | Median          | Average         | 75th            | 90th            | 95th            | Major                            | Area and<br>Other | Onroad<br>Mobile | Nonroad<br>Mobile | Estimated<br>Background |
| Wyoming                                                                                 | Big Horn               | 56003      | R                    | 2.36E-06                                                               | 2.36E-06        | 2.36E-06        | 3.69E-06        | 8.89E-06        | 2.06E-05        | 2.06E-05        | 2.06E-05        | 0.00E+00                         | 1.92E-06          | 1.26E-06         | 5.70E-06          | 0.00E+00                |
| Wyoming                                                                                 | Campbell               | 56005      | U                    | 1.35E-06                                                               | 2.56E-05        | 6.75E-05        | 1.65E-04        | 2.07E-04        | 2.32E-04        | 5.44E-04        | 7.31E-04        | 2.31E-06                         | 2.97E-05          | 8.54E-06         | 1.67E-04          | 0.00E+00                |
| Wyoming                                                                                 | Carbon                 | 56007      | U                    | 4.79E-07                                                               | 4.79E-07        | 1.63E-06        | 3.41E-06        | 4.06E-05        | 7.99E-05        | 1.54E-04        | 1.54E-04        | 1.94E-06                         | 3.58E-05          | 2.88E-06         | 0.00E+00          | 0.00E+00                |
| Wyoming                                                                                 | Converse               | 56009      | R                    | 8.04E-07                                                               | 8.04E-07        | 5.46E-06        | 2.51E-05        | 3.14E-05        | 5.72E-05        | 7.51E-05        | 7.51E-05        | 1.08E-05                         | 1.30E-05          | 2.25E-06         | 5.38E-06          | 0.00E+00                |
| Wyoming                                                                                 | Crook                  | 56011      | R                    | 8.32E-07                                                               | 8.32E-07        | 3.73E-06        | 3.63E-06        | 3.08E-06        | 4.77E-06        | 4.77E-06        | 4.77E-06        | 1.02E-06                         | 1.58E-06          | 4.81E-07         | 0.00E+00          | 0.00E+00                |
| Wyoming                                                                                 | Fremont                | 56013      | R                    | 7.13E-07                                                               | 2.54E-06        | 1.12E-05        | 5.90E-05        | 1.52E-04        | 2.94E-04        | 4.35E-04        | 6.42E-04        | 0.00E+00                         | 2.66E-05          | 8.82E-06         | 1.16E-04          | 0.00E+00                |
| Wyoming                                                                                 | Goshen                 | 56015      | R                    | 2.69E-06                                                               | 2.69E-06        | 9.14E-06        | 3.39E-05        | 3.80E-05        | 5.97E-05        | 8.85E-05        | 8.85E-05        | 1.55E-05                         | 1.91E-05          | 3.37E-06         | 0.00E+00          | 0.00E+00                |
| Wyoming                                                                                 | Hot Springs            | 56017      | U                    | 7.52E-06                                                               | 7.52E-06        | 7.52E-06        | 1.41E-05        | 1.22E-04        | 3.44E-04        | 3.44E-04        | 3.44E-04        | 0.00E+00                         | 1.11E-04          | 6.54E-06         | 4.59E-06          | 0.00E+00                |
| Wyoming                                                                                 | Johnson                | 56019      | U                    | 1.08E-06                                                               | 1.08E-06        | 1.27E-06        | 1.88E-05        | 1.87E-05        | 3.61E-05        | 3.61E-05        | 3.61E-05        | 0.00E+00                         | 1.67E-05          | 1.99E-06         | 0.00E+00          | 0.00E+00                |
| Wyoming                                                                                 | Laramie                | 56021      | U                    | 7.44E-06                                                               | 9.63E-06        | 9.10E-05        | 1.57E-04        | 2.05E-04        | 2.38E-04        | 6.51E-04        | 8.25E-04        | 1.05E-04                         | 8.16E-05          | 8.11E-06         | 9.71E-06          | 0.00E+00                |
| Wyoming                                                                                 | Lincoln                | 56023      | R                    | 1.72E-06                                                               | 1.72E-06        | 5.06E-06        | 1.49E-05        | 1.68E-05        | 1.62E-05        | 4.60E-05        | 4.60E-05        | 0.00E+00                         | 1.58E-05          | 9.93E-07         | 0.00E+00          | 0.00E+00                |
| Wyoming                                                                                 | Natrona                | 56025      | U                    | 4.48E-06                                                               | 1.44E-05        | 1.09E-04        | 2.75E-04        | 2.66E-04        | 3.90E-04        | 5.27E-04        | 5.40E-04        | 8.15E-06                         | 1.00E-04          | 6.75E-06         | 1.51E-04          | 0.00E+00                |
| Wyoming                                                                                 | Niobrara               | 56027      | R                    | 4.37E-07                                                               | 4.37E-07        | 4.37E-07        | 4.42E-07        | 4.42E-07        | 4.48E-07        | 4.48E-07        | 4.48E-07        | 0.00E+00                         | 1.46E-07          | 2.96E-07         | 0.00E+00          | 0.00E+00                |
| Wyoming                                                                                 | Park                   | 56029      | U                    | 1.92E-06                                                               | 1.92E-06        | 1.40E-05        | 5.94E-05        | 5.26E-04        | 1.98E-04        | 3.32E-03        | 3.32E-03        | 0.00E+00                         | 4.38E-05          | 7.02E-06         | 4.75E-04          | 0.00E+00                |
| Wyoming                                                                                 | Platte                 | 56031      | R                    | 1.48E-06                                                               | 1.48E-06        | 1.97E-06        | 3.07E-06        | 4.61E-06        | 7.26E-06        | 1.08E-05        | 1.08E-05        | 0.00E+00                         | 3.70E-06          | 9.13E-07         | 0.00E+00          | 0.00E+00                |
| Wyoming                                                                                 | Sheridan               | 56033      | U                    | 2.20E-05                                                               | 2.20E-05        | 3.49E-05        | 5.95E-04        | 6.12E-04        | 9.24E-04        | 1.75E-03        | 1.75E-03        | 0.00E+00                         | 1.54E-04          | 1.24E-05         | 4.45E-04          | 0.00E+00                |
| Wyoming                                                                                 | Sublette               | 56035      | R                    | 1.15E-06                                                               | 1.15E-06        | 1.15E-06        | 2.18E-06        | 2.18E-06        | 3.20E-06        | 3.20E-06        | 3.20E-06        | 0.00E+00                         | 1.70E-06          | 4.77E-07         | 0.00E+00          | 0.00E+00                |
| Wyoming                                                                                 | Sweetwater             | 56037      | U                    | 6.35E-07                                                               | 1.17E-06        | 1.33E-06        | 3.88E-05        | 6.41E-05        | 9.05E-05        | 2.10E-04        | 2.23E-04        | 3.83E-06                         | 3.76E-05          | 6.72E-06         | 1.59E-05          | 0.00E+00                |
| Wyoming                                                                                 | Teton                  | 56039      | R                    | 1.08E-04                                                               | 1.08E-04        | 1.08E-04        | 1.95E-04        | 1.67E-04        | 1.97E-04        | 1.97E-04        | 1.97E-04        | 0.00E+00                         | 1.96E-05          | 4.62E-06         | 1.42E-04          | 0.00E+00                |
| Wyoming                                                                                 | Uinta                  | 56041      | U                    | 1.10E-05                                                               | 1.10E-05        | 1.10E-05        | 1.84E-05        | 1.84E-05        | 2.57E-05        | 2.57E-05        | 2.57E-05        | 0.00E+00                         | 1.56E-05          | 2.80E-06         | 0.00E+00          | 0.00E+00                |
| Wyoming                                                                                 | Washakie               | 56043      | U                    | 1.48E-05                                                               | 1.48E-05        | 1.48E-05        | 1.80E-04        | 1.64E-04        | 2.96E-04        | 2.96E-04        | 2.96E-04        | 0.00E+00                         | 4.22E-05          | 6.42E-06         | 1.15E-04          | 0.00E+00                |
| Wyoming                                                                                 | Weston                 | 56045      | R                    | 2.28E-06                                                               | 2.28E-06        | 2.28E-06        | 6.95E-06        | 1.46E-05        | 3.45E-05        | 3.45E-05        | 3.45E-05        | 0.00E+00                         | 1.33E-05          | 1.25E-06         | 0.00E+00          | 0.00E+00                |
| <b>Puerto Rico</b>                                                                      | <b>Statewide</b>       | <b>N/A</b> | <b>N/A</b>           | <b>3.87E-05</b>                                                        | <b>4.59E-05</b> | <b>6.84E-05</b> | <b>1.35E-04</b> | <b>2.09E-04</b> | <b>2.80E-04</b> | <b>4.67E-04</b> | <b>6.23E-04</b> | <b>0.00E+00</b>                  | <b>1.53E-04</b>   | <b>5.06E-05</b>  | <b>5.61E-06</b>   | <b>0.00E+00</b>         |
| Puerto Rico                                                                             | All Urban Counties     | N/A        | U                    | 3.87E-05                                                               | 4.71E-05        | 7.64E-05        | 1.52E-04        | 2.22E-04        | 2.93E-04        | 4.84E-04        | 6.29E-04        | 0.00E+00                         | 1.61E-04          | 5.50E-05         | 6.64E-06          | 0.00E+00                |
| Puerto Rico                                                                             | All Rural Counties     | N/A        | R                    | 3.74E-05                                                               | 4.20E-05        | 5.20E-05        | 7.53E-05        | 1.39E-04        | 1.83E-04        | 3.37E-04        | 4.32E-04        | 0.00E+00                         | 1.12E-04          | 2.68E-05         | 1.38E-07          | 0.00E+00                |
| Puerto Rico                                                                             | Adjuntas Municipio     | 72001      | R                    | 3.50E-05                                                               | 3.50E-05        | 4.20E-05        | 4.39E-05        | 1.55E-04        | 3.30E-04        | 4.32E-04        | 4.32E-04        | 0.00E+00                         | 1.34E-04          | 2.04E-05         | 0.00E+00          | 0.00E+00                |
| Puerto Rico                                                                             | Aguada Municipio       | 72003      | U                    | 5.24E-05                                                               | 5.24E-05        | 6.35E-05        | 6.65E-05        | 9.43E-05        | 7.58E-05        | 2.41E-04        | 2.41E-04        | 0.00E+00                         | 7.11E-05          | 2.32E-05         | 0.00E+00          | 0.00E+00                |
| Puerto Rico                                                                             | Aguadilla Municipio    | 72005      | U                    | 4.32E-05                                                               | 4.87E-05        | 5.52E-05        | 7.06E-05        | 1.66E-04        | 2.46E-04        | 3.38E-04        | 9.01E-04        | 0.00E+00                         | 1.35E-04          | 3.17E-05         | 0.00E+00          | 0.00E+00                |
| Puerto Rico                                                                             | Aguas Buenas Municipip | 72007      | U                    | 7.67E-05                                                               | 7.67E-05        | 8.53E-05        | 1.05E-04        | 1.05E-04        | 1.24E-04        | 1.34E-04        | 1.34E-04        | 0.00E+00                         | 7.15E-05          | 3.21E-05         | 1.38E-06          | 0.00E+00                |
| Puerto Rico                                                                             | Aibonito Municipio     | 72009      | R                    | 7.88E-05                                                               | 7.88E-05        | 1.00E-04        | 1.19E-04        | 1.69E-04        | 2.04E-04        | 3.94E-04        | 3.94E-04        | 0.00E+00                         | 1.25E-04          | 4.40E-05         | 5.99E-07          | 0.00E+00                |
| Puerto Rico                                                                             | Anasco Municipio       | 72011      | U                    | 4.29E-05                                                               | 4.29E-05        | 4.52E-05        | 4.90E-05        | 1.18E-04        | 1.08E-04        | 4.98E-04        | 4.98E-04        | 0.00E+00                         | 9.52E-05          | 2.30E-05         | 0.00E+00          | 0.00E+00                |
| Puerto Rico                                                                             | Arecibo Municipio      | 72013      | U                    | 8.44E-05                                                               | 8.68E-05        | 1.02E-04        | 1.25E-04        | 2.05E-04        | 2.05E-04        | 4.57E-04        | 4.60E-04        | 0.00E+00                         | 1.85E-04          | 1.97E-05         | 0.00E+00          | 0.00E+00                |
| Puerto Rico                                                                             | Arroyo Municipio       | 72015      | R                    | 7.01E-05                                                               | 7.01E-05        | 7.01E-05        | 1.08E-04        | 1.08E-04        | 1.45E-04        | 1.45E-04        | 1.45E-04        | 0.00E+00                         | 7.65E-05          | 3.08E-05         | 2.49E-07          | 0.00E+00                |
| Puerto Rico                                                                             | Barceloneta Municipi   | 72017      | U                    | 8.65E-05                                                               | 8.65E-05        | 9.69E-05        | 1.20E-04        | 1.21E-04        | 1.46E-04        | 1.59E-04        | 1.59E-04        | 0.00E+00                         | 9.97E-05          | 2.15E-05         | 1.87E-07          | 0.00E+00                |
| Puerto Rico                                                                             | Barranquitas Municipip | 72019      | R                    | 1.11E-04                                                               | 1.11E-04        | 1.18E-04        | 1.24E-04        | 1.37E-04        | 1.56E-04        | 1.87E-04        | 1.87E-04        | 0.00E+00                         | 9.88E-05          | 3.70E-05         | 8.90E-07          | 0.00E+00                |
| Puerto Rico                                                                             | Bayamon Municipio      | 72021      | U                    | 1.14E-04                                                               | 1.45E-04        | 2.11E-04        | 3.17E-04        | 3.77E-04        | 5.53E-04        | 6.23E-04        | 7.39E-04        | 0.00E+00                         | 2.80E-04          | 9.31E-05         | 3.62E-06          | 0.00E+00                |
| Puerto Rico                                                                             | Cabo Rojo Municipio    | 72023      | U                    | 3.17E-05                                                               | 3.17E-05        | 4.64E-05        | 5.81E-05        | 7.56E-05        | 1.22E-04        | 1.37E-04        | 1.37E-04        | 0.00E+00                         | 5.62E-05          | 1.95E-05         | 0.00E+00          | 0.00E+00                |
| Puerto Rico                                                                             | Caguas Municipio       | 72025      | U                    | 7.30E-05                                                               | 7.74E-05        | 9.44E-05        | 1.90E-04        | 2.14E-04        | 2.75E-04        | 3.27E-04        | 3.68E-04        | 0.00E+00                         | 1.57E-04          | 5.60E-05         | 9.95E-07          | 0.00E+00                |
| Puerto Rico                                                                             | Camuy Municipio        | 72027      | U                    | 7.47E-05                                                               | 7.47E-05        | 8.42E-05        | 1.24E-04        | 1.36E-04        | 1.33E-04        | 2.80E-04        | 2.80E-04        | 0.00E+00                         | 1.22E-04          | 1.40E-05         | 0.00E+00          | 0.00E+00                |
| Puerto Rico                                                                             | Canovanas Municipio    | 72029      | U                    | 2.84E-05                                                               | 2.84E-05        | 4.95E-05        | 6.42E-05        | 7.58E-05        | 7.92E-05        | 1.91E-04        | 1.91E-04        | 0.00E+00                         | 5.43E-05          | 2.11E-05         | 4.13E-07          | 0.00E+00                |
| Puerto Rico                                                                             | Carolina Municipio     | 72031      | U                    | 6.47E-05                                                               | 7.95E-05        | 1.08E-04        | 2.08E-04        | 2.57E-04        | 3.48E-04        | 5.74E-04        | 6.29E-04        | 0.00E+00                         | 1.91E-04          | 6.41E-05         | 1.62E-06          | 0.00E+00                |
| Puerto Rico                                                                             | Catano Municipio       | 72033      | U                    | 1.30E-04                                                               | 1.30E-04        | 1.65E-04        | 2.48E-04        | 4.40E-04        | 1.01E-03        | 1.05E-03        | 1.05E-03        | 0.00E+00                         | 3.59E-04          | 7.31E-05         | 7.28E-06          | 0.00E+00                |
| Puerto Rico                                                                             | Cayey Municipio        | 72035      | U                    | 5.29E-05                                                               | 5.29E-05        | 6.47E-05        | 1.15E-04        | 2.24E-04        | 1.97E-04        | 6.62E-04        | 6.62E-04        | 0.00E+00                         | 1.89E-04          | 3.43E-05         | 3.97E-07          | 0.00E+00                |
| Puerto Rico                                                                             | Ceiba Municipio        | 72037      | U                    | 1.01E-05                                                               | 1.01E-05        | 1.01E-05        | 4.71E-05        | 3.96E-05        | 6.17E-05        | 6.17E-05        | 6.17E-05        | 0.00E+00                         | 2.75E-05          | 1.20E-05         | 7.67E-08          | 0.00E+00                |
| Puerto Rico                                                                             | Ciales Municipio       | 72039      | R                    | 5.65E-05                                                               | 5.65E-05        | 6.81E-05        | 8.56E-05        | 1.10E-04        | 1.51E-04        | 2.11E-04        | 2.11E-04        | 0.00E+00                         | 8.60E-05          | 2.32E-05         | 5.51E-07          | 0.00E+00                |
| Puerto Rico                                                                             | Cidra Municipio        | 72041      | U                    | 8.02E-05                                                               | 8.02E-05        | 8.77E-05        | 8.96E-05        | 1.12E-04        | 1.40E-04        | 1.86E-04        | 1.86E-04        | 0.00E+00                         | 7.88E-05          | 3.28E-05         | 5.97E-07          | 0.00E+00                |
| Puerto Rico                                                                             | Coama Municipio        | 72043      | R                    | 6.84E-05                                                               | 6.84E-05        | 7.43E-05        | 1.11E-04        | 1.74E-04        | 1.47E-04        | 6.06E-04        | 6.06E-04        | 0.00E+00                         | 1.37E-04          | 3.70E-05         | 2.41E-07          | 0.00E+00                |
| Puerto Rico                                                                             | Comerio Municipio      | 72045      | U                    | 7.44E-05                                                               | 7.44E-05        | 8.73E-05        | 1.40E-04        | 1.21E-04        | 1.46E-04        | 1.54E-04        | 1.54E-04        | 0.00E+00                         | 8.62E-05          | 3.33E-05         | 1.08E-06          | 0.00E+00                |
| Puerto Rico                                                                             | Corozal Municipio      | 72047      | U                    | 8.46E-05                                                               | 8.46E-05        | 1.04E-04        | 1.07E-04        | 1.29E-04        | 1.09E-04        | 2.60E-04        | 2.60E-04        | 0.00E+00                         | 9.41E-05          | 3.30E-05         | 1.45E-06          | 0.00E+00                |
| Puerto Rico                                                                             | Culebra Municipio      | 72049      | R                    | 1.22E-05                                                               | 1.22E-05        | 1.22E-05        | 1.22E-05        | 1.22E-05        | 1.22E-05        | 1.22E-05        | 1.22E-05        | 0.00E+00                         | 8.70E-06          | 3.37E-06         | 9.08E-08          | 0.00E+00                |

| Estimated Annual Average Ambient Concentrations ( $\mu\text{g}/\text{m}^3$ ) for Lead Compounds |                      |       |                      |                                                                        |          |          |          |          |          |          |          |                                  |                   |                  |                   |                         |
|-------------------------------------------------------------------------------------------------|----------------------|-------|----------------------|------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------------------------------|-------------------|------------------|-------------------|-------------------------|
| State                                                                                           | County               | FIPS  | Urban<br>or<br>Rural | Percentile Distribution of Ambient Concentrations Across Census Tracts |          |          |          |          |          |          |          | Contribution to Average from ... |                   |                  |                   |                         |
|                                                                                                 |                      |       |                      | 5th                                                                    | 10th     | 25th     | Median   | Average  | 75th     | 90th     | 95th     | Major                            | Area and<br>Other | Onroad<br>Mobile | Nonroad<br>Mobile | Estimated<br>Background |
| Puerto Rico                                                                                     | Dorado Municipio     | 72051 | U                    | 5.73E-05                                                               | 5.73E-05 | 7.49E-05 | 8.40E-05 | 9.31E-05 | 1.08E-04 | 1.45E-04 | 1.45E-04 | 0.00E+00                         | 6.38E-05          | 2.76E-05         | 1.78E-06          | 0.00E+00                |
| Puerto Rico                                                                                     | Fajardo Municipio    | 72053 | U                    | 2.07E-05                                                               | 2.07E-05 | 4.05E-05 | 4.71E-05 | 6.60E-05 | 7.59E-05 | 1.65E-04 | 1.65E-04 | 0.00E+00                         | 4.78E-05          | 1.81E-05         | 8.83E-08          | 0.00E+00                |
| Puerto Rico                                                                                     | Florida Municipio    | 72054 | U                    | 1.00E-04                                                               | 1.00E-04 | 1.00E-04 | 1.04E-04 | 1.04E-04 | 1.07E-04 | 1.07E-04 | 1.07E-04 | 0.00E+00                         | 8.42E-05          | 1.93E-05         | 8.82E-08          | 0.00E+00                |
| Puerto Rico                                                                                     | Guanica Municipio    | 72055 | R                    | 4.41E-05                                                               | 4.41E-05 | 4.61E-05 | 8.61E-05 | 1.37E-04 | 2.04E-04 | 3.95E-04 | 3.95E-04 | 0.00E+00                         | 1.09E-04          | 2.82E-05         | 0.00E+00          | 0.00E+00                |
| Puerto Rico                                                                                     | Guayama Municipio    | 72057 | U                    | 4.35E-05                                                               | 4.35E-05 | 5.19E-05 | 7.67E-05 | 2.09E-04 | 1.56E-04 | 1.06E-03 | 1.06E-03 | 0.00E+00                         | 1.76E-04          | 3.30E-05         | 1.67E-07          | 0.00E+00                |
| Puerto Rico                                                                                     | Guayanilla Municipio | 72059 | U                    | 3.81E-05                                                               | 3.81E-05 | 3.83E-05 | 3.98E-05 | 1.13E-04 | 1.87E-04 | 3.34E-04 | 3.34E-04 | 0.00E+00                         | 9.27E-05          | 2.01E-05         | 0.00E+00          | 0.00E+00                |
| Puerto Rico                                                                                     | Guaynabo Municipio   | 72061 | U                    | 1.35E-04                                                               | 1.37E-04 | 1.85E-04 | 2.44E-04 | 2.64E-04 | 3.15E-04 | 3.69E-04 | 3.98E-04 | 0.00E+00                         | 1.77E-04          | 8.15E-05         | 5.89E-06          | 0.00E+00                |
| Puerto Rico                                                                                     | Gurabo Municipio     | 72063 | U                    | 5.65E-05                                                               | 5.65E-05 | 5.92E-05 | 9.26E-05 | 2.18E-04 | 2.36E-04 | 6.46E-04 | 6.46E-04 | 0.00E+00                         | 1.79E-04          | 3.77E-05         | 7.10E-07          | 0.00E+00                |
| Puerto Rico                                                                                     | Hatillo Municipio    | 72065 | U                    | 7.11E-05                                                               | 7.11E-05 | 8.60E-05 | 1.04E-04 | 1.12E-04 | 1.19E-04 | 1.87E-04 | 1.87E-04 | 0.00E+00                         | 9.71E-05          | 1.49E-05         | 0.00E+00          | 0.00E+00                |
| Puerto Rico                                                                                     | Hormigueros Municipi | 72067 | U                    | 4.59E-05                                                               | 4.59E-05 | 5.85E-05 | 1.05E-04 | 1.00E-04 | 1.19E-04 | 1.73E-04 | 1.73E-04 | 0.00E+00                         | 7.23E-05          | 2.80E-05         | 0.00E+00          | 0.00E+00                |
| Puerto Rico                                                                                     | Humacao Municipio    | 72069 | U                    | 3.21E-05                                                               | 3.21E-05 | 3.83E-05 | 4.17E-05 | 9.89E-05 | 6.18E-05 | 4.11E-04 | 4.11E-04 | 0.00E+00                         | 7.80E-05          | 2.07E-05         | 1.96E-07          | 0.00E+00                |
| Puerto Rico                                                                                     | Isabela Municipio    | 72071 | R                    | 6.08E-05                                                               | 6.08E-05 | 8.94E-05 | 1.66E-04 | 1.83E-04 | 1.97E-04 | 4.50E-04 | 4.50E-04 | 0.00E+00                         | 1.59E-04          | 2.37E-05         | 0.00E+00          | 0.00E+00                |
| Puerto Rico                                                                                     | Jayuya Municipio     | 72073 | R                    | 4.94E-05                                                               | 4.94E-05 | 4.94E-05 | 5.76E-05 | 1.24E-04 | 2.66E-04 | 2.66E-04 | 2.66E-04 | 0.00E+00                         | 9.78E-05          | 2.64E-05         | 0.00E+00          | 0.00E+00                |
| Puerto Rico                                                                                     | Juana Diaz Municipio | 72075 | U                    | 4.34E-05                                                               | 4.77E-05 | 5.02E-05 | 5.19E-05 | 9.30E-05 | 9.79E-05 | 2.26E-04 | 2.88E-04 | 0.00E+00                         | 6.80E-05          | 2.50E-05         | 5.86E-09          | 0.00E+00                |
| Puerto Rico                                                                                     | Juncos Municipio     | 72077 | U                    | 4.71E-05                                                               | 4.71E-05 | 5.71E-05 | 7.71E-05 | 8.12E-05 | 1.05E-04 | 1.24E-04 | 1.24E-04 | 0.00E+00                         | 5.60E-05          | 2.49E-05         | 3.68E-07          | 0.00E+00                |
| Puerto Rico                                                                                     | Lajas Municipio      | 72079 | R                    | 4.40E-05                                                               | 4.40E-05 | 4.81E-05 | 5.29E-05 | 8.47E-05 | 1.21E-04 | 1.89E-04 | 1.89E-04 | 0.00E+00                         | 6.49E-05          | 1.99E-05         | 0.00E+00          | 0.00E+00                |
| Puerto Rico                                                                                     | Lares Municipio      | 72081 | R                    | 4.02E-05                                                               | 4.02E-05 | 4.66E-05 | 5.63E-05 | 1.49E-04 | 2.58E-04 | 4.26E-04 | 4.26E-04 | 0.00E+00                         | 1.24E-04          | 2.46E-05         | 0.00E+00          | 0.00E+00                |
| Puerto Rico                                                                                     | Las Marias Municipio | 72083 | R                    | 3.74E-05                                                               | 3.74E-05 | 3.74E-05 | 4.32E-05 | 5.16E-05 | 7.43E-05 | 7.43E-05 | 7.43E-05 | 0.00E+00                         | 3.56E-05          | 1.61E-05         | 0.00E+00          | 0.00E+00                |
| Puerto Rico                                                                                     | Las Piedras Municipi | 72085 | U                    | 4.53E-05                                                               | 4.53E-05 | 4.53E-05 | 4.88E-05 | 8.13E-05 | 1.50E-04 | 1.50E-04 | 1.50E-04 | 0.00E+00                         | 5.96E-05          | 2.14E-05         | 2.61E-07          | 0.00E+00                |
| Puerto Rico                                                                                     | Loiza Municipio      | 72087 | U                    | 3.43E-05                                                               | 3.43E-05 | 5.90E-05 | 7.65E-05 | 1.19E-04 | 1.84E-04 | 2.93E-04 | 2.93E-04 | 0.00E+00                         | 9.15E-05          | 2.75E-05         | 2.87E-07          | 0.00E+00                |
| Puerto Rico                                                                                     | Luquillo Municipio   | 72089 | U                    | 2.44E-05                                                               | 2.44E-05 | 2.44E-05 | 2.56E-05 | 5.64E-05 | 1.19E-04 | 1.19E-04 | 1.19E-04 | 0.00E+00                         | 4.44E-05          | 1.19E-05         | 1.27E-07          | 0.00E+00                |
| Puerto Rico                                                                                     | Manati Municipio     | 72091 | U                    | 8.79E-05                                                               | 8.79E-05 | 9.14E-05 | 1.33E-04 | 2.11E-04 | 1.67E-04 | 8.20E-04 | 8.20E-04 | 0.00E+00                         | 1.80E-04          | 3.02E-05         | 7.70E-07          | 0.00E+00                |
| Puerto Rico                                                                                     | Maricao Municipio    | 72093 | R                    | 3.24E-05                                                               | 3.24E-05 | 3.24E-05 | 4.10E-05 | 4.10E-05 | 4.97E-05 | 4.97E-05 | 4.97E-05 | 0.00E+00                         | 2.78E-05          | 1.32E-05         | 0.00E+00          | 0.00E+00                |
| Puerto Rico                                                                                     | Maunabo Municipio    | 72095 | R                    | 4.26E-05                                                               | 4.26E-05 | 4.26E-05 | 9.64E-05 | 2.02E-04 | 4.67E-04 | 4.67E-04 | 4.67E-04 | 0.00E+00                         | 1.75E-04          | 2.72E-05         | 1.56E-07          | 0.00E+00                |
| Puerto Rico                                                                                     | Mayaguez Municipio   | 72097 | U                    | 3.52E-05                                                               | 3.62E-05 | 4.28E-05 | 5.49E-05 | 6.72E-05 | 6.74E-05 | 8.05E-05 | 8.60E-05 | 0.00E+00                         | 3.17E-05          | 3.55E-05         | 0.00E+00          | 0.00E+00                |
| Puerto Rico                                                                                     | Moca Municipio       | 72099 | R                    | 4.91E-05                                                               | 4.91E-05 | 6.37E-05 | 6.59E-05 | 1.01E-04 | 7.53E-05 | 2.50E-04 | 2.50E-04 | 0.00E+00                         | 7.21E-05          | 2.86E-05         | 0.00E+00          | 0.00E+00                |
| Puerto Rico                                                                                     | Morovis Municipio    | 72101 | U                    | 7.82E-05                                                               | 7.82E-05 | 8.08E-05 | 8.66E-05 | 1.55E-04 | 2.29E-04 | 3.69E-04 | 3.69E-04 | 0.00E+00                         | 1.21E-04          | 3.28E-05         | 1.06E-06          | 0.00E+00                |
| Puerto Rico                                                                                     | Naguabo Municipio    | 72103 | U                    | 2.10E-05                                                               | 2.10E-05 | 2.15E-05 | 2.39E-05 | 3.04E-05 | 3.93E-05 | 5.28E-05 | 5.28E-05 | 0.00E+00                         | 2.13E-05          | 8.95E-06         | 1.62E-07          | 0.00E+00                |
| Puerto Rico                                                                                     | Naranjito Municipio  | 72105 | U                    | 9.36E-05                                                               | 9.36E-05 | 1.05E-04 | 1.11E-04 | 1.16E-04 | 1.16E-04 | 1.53E-04 | 1.53E-04 | 0.00E+00                         | 7.76E-05          | 3.65E-05         | 1.77E-06          | 0.00E+00                |
| Puerto Rico                                                                                     | Orocovis Municipio   | 72107 | R                    | 6.93E-05                                                               | 6.93E-05 | 7.80E-05 | 9.66E-05 | 1.36E-04 | 1.95E-04 | 2.82E-04 | 2.82E-04 | 0.00E+00                         | 1.04E-04          | 3.16E-05         | 7.47E-07          | 0.00E+00                |
| Puerto Rico                                                                                     | Patillas Municipio   | 72109 | R                    | 4.39E-05                                                               | 4.39E-05 | 5.01E-05 | 6.64E-05 | 7.11E-05 | 9.22E-05 | 1.08E-04 | 1.08E-04 | 0.00E+00                         | 5.15E-05          | 1.94E-05         | 2.69E-07          | 0.00E+00                |
| Puerto Rico                                                                                     | Penuelas Municipio   | 72111 | U                    | 3.56E-05                                                               | 3.56E-05 | 4.09E-05 | 4.73E-05 | 7.04E-05 | 6.00E-05 | 1.92E-04 | 1.92E-04 | 0.00E+00                         | 5.23E-05          | 1.81E-05         | 0.00E+00          | 0.00E+00                |
| Puerto Rico                                                                                     | Ponce Municipio      | 72113 | U                    | 4.63E-05                                                               | 5.13E-05 | 7.31E-05 | 1.31E-04 | 2.25E-04 | 2.86E-04 | 6.06E-04 | 7.15E-04 | 0.00E+00                         | 1.76E-04          | 4.92E-05         | 0.00E+00          | 0.00E+00                |
| Puerto Rico                                                                                     | Quebradillas Municip | 72115 | R                    | 1.22E-04                                                               | 1.22E-04 | 1.44E-04 | 1.94E-04 | 1.87E-04 | 2.29E-04 | 2.38E-04 | 2.38E-04 | 0.00E+00                         | 1.59E-04          | 2.78E-05         | 0.00E+00          | 0.00E+00                |
| Puerto Rico                                                                                     | Rincon Municipio     | 72117 | R                    | 5.99E-05                                                               | 5.99E-05 | 5.99E-05 | 6.77E-05 | 1.03E-04 | 1.83E-04 | 1.83E-04 | 1.83E-04 | 0.00E+00                         | 7.60E-05          | 2.75E-05         | 0.00E+00          | 0.00E+00                |
| Puerto Rico                                                                                     | Rio Grande Municipio | 72119 | U                    | 3.18E-05                                                               | 3.18E-05 | 3.59E-05 | 4.54E-05 | 5.26E-05 | 6.71E-05 | 9.26E-05 | 9.26E-05 | 0.00E+00                         | 3.50E-05          | 1.74E-05         | 2.46E-07          | 0.00E+00                |
| Puerto Rico                                                                                     | Sabana Grande Munic  | 72121 | U                    | 3.11E-05                                                               | 3.11E-05 | 3.83E-05 | 6.22E-05 | 1.81E-04 | 9.23E-05 | 8.00E-04 | 8.00E-04 | 0.00E+00                         | 1.57E-04          | 2.35E-05         | 0.00E+00          | 0.00E+00                |
| Puerto Rico                                                                                     | Salinas Municipio    | 72123 | R                    | 5.06E-05                                                               | 5.06E-05 | 5.06E-05 | 7.39E-05 | 1.70E-04 | 1.57E-04 | 7.22E-04 | 7.22E-04 | 0.00E+00                         | 1.40E-04          | 2.94E-05         | 9.59E-08          | 0.00E+00                |
| Puerto Rico                                                                                     | San German Municipio | 72125 | U                    | 3.18E-05                                                               | 3.18E-05 | 3.76E-05 | 4.80E-05 | 6.19E-05 | 6.54E-05 | 1.45E-04 | 1.45E-04 | 0.00E+00                         | 4.49E-05          | 1.69E-05         | 0.00E+00          | 0.00E+00                |
| Puerto Rico                                                                                     | San Juan Municipio   | 72127 | U                    | 1.37E-04                                                               | 1.67E-04 | 2.22E-04 | 3.23E-04 | 3.69E-04 | 4.22E-04 | 6.18E-04 | 8.49E-04 | 0.00E+00                         | 2.41E-04          | 9.95E-05         | 2.84E-05          | 0.00E+00                |
| Puerto Rico                                                                                     | San Lorenzo Municipi | 72129 | U                    | 4.92E-05                                                               | 4.92E-05 | 5.44E-05 | 6.26E-05 | 1.19E-04 | 2.49E-04 | 2.92E-04 | 2.92E-04 | 0.00E+00                         | 9.38E-05          | 2.47E-05         | 4.43E-07          | 0.00E+00                |
| Puerto Rico                                                                                     | San Sebastian Munci  | 72131 | R                    | 5.20E-05                                                               | 5.28E-05 | 5.89E-05 | 7.49E-05 | 1.78E-04 | 2.39E-04 | 3.80E-04 | 7.56E-04 | 0.00E+00                         | 1.48E-04          | 3.03E-05         | 0.00E+00          | 0.00E+00                |
| Puerto Rico                                                                                     | Santa Isabel Municip | 72133 | R                    | 4.96E-05                                                               | 4.96E-05 | 5.13E-05 | 6.84E-05 | 1.63E-04 | 1.61E-04 | 6.82E-04 | 6.82E-04 | 0.00E+00                         | 1.36E-04          | 2.68E-05         | 2.38E-08          | 0.00E+00                |
| Puerto Rico                                                                                     | Toa Alta Municipio   | 72135 | U                    | 1.38E-04                                                               | 1.38E-04 | 1.45E-04 | 1.64E-04 | 2.03E-04 | 2.12E-04 | 4.44E-04 | 4.44E-04 | 0.00E+00                         | 1.47E-04          | 5.33E-05         | 2.30E-06          | 0.00E+00                |
| Puerto Rico                                                                                     | Toa Baja Municipio   | 72137 | U                    | 9.65E-05                                                               | 9.95E-05 | 1.20E-04 | 1.75E-04 | 2.19E-04 | 2.64E-04 | 4.11E-04 | 5.14E-04 | 0.00E+00                         | 1.53E-04          | 6.30E-05         | 3.52E-06          | 0.00E+00                |
| Puerto Rico                                                                                     | Trujillo Alto Munici | 72139 | U                    | 7.64E-05                                                               | 8.43E-05 | 1.13E-04 | 2.06E-04 | 2.63E-04 | 3.12E-04 | 6.16E-04 | 8.12E-04 | 0.00E+00                         | 1.91E-04          | 6.95E-05         | 2.66E-06          | 0.00E+00                |
| Puerto Rico                                                                                     | Utua Municipio       | 72141 | R                    | 3.88E-05                                                               | 3.88E-05 | 4.00E-05 | 5.17E-05 | 1.32E-04 | 2.49E-04 | 3.37E-04 | 3.37E-04 | 0.00E+00                         | 1.09E-04          | 2.29E-05         | 0.00E+00          | 0.00E+00                |
| Puerto Rico                                                                                     | Vega Alta Municipio  | 72143 | U                    | 7.40E-05                                                               | 7.40E-05 | 8.32E-05 | 1.04E-04 | 1.11E-04 | 1.26E-04 | 1.73E-04 | 1.73E-04 | 0.00E+00                         | 7.69E-05          | 3.22E-05         | 1.48E-06          | 0.00E+00                |
| Puerto Rico                                                                                     | Vega Baja Municipio  | 72145 | U                    | 8.65E-05                                                               | 8.65E-05 | 9.82E-05 | 1.00E-04 | 1.54E-04 | 1.16E-04 | 5.37E-04 | 5.37E-04 | 0.00E+00                         | 1.29E-04          | 2.48E-05         | 1.08E-06          | 0.00E+00                |
| Puerto Rico                                                                                     | Vieques Municipio    | 72147 | R                    | 5.80E-06                                                               | 5.80E-06 | 6.79E-06 | 1.22E-05 | 1.78E-05 | 2.87E-05 | 4.08E-05 | 4.08E-05 | 0.00E+00                         | 1.19E-05          | 5.87E-06         | 4.99E-09          | 0.00E+00                |

| Estimated Annual Average Ambient Concentrations ( $\mu\text{g}/\text{m}^3$ ) for Lead Compounds |                    |       |                      |                                                                        |          |          |          |          |          |          |          |                                  |                   |                  |                   |                         |
|-------------------------------------------------------------------------------------------------|--------------------|-------|----------------------|------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------------------------------|-------------------|------------------|-------------------|-------------------------|
| State                                                                                           | County             | FIPS  | Urban<br>or<br>Rural | Percentile Distribution of Ambient Concentrations Across Census Tracts |          |          |          |          |          |          |          | Contribution to Average from ... |                   |                  |                   |                         |
|                                                                                                 |                    |       |                      | 5th                                                                    | 10th     | 25th     | Median   | Average  | 75th     | 90th     | 95th     | Major                            | Area and<br>Other | Onroad<br>Mobile | Nonroad<br>Mobile | Estimated<br>Background |
| Puerto Rico                                                                                     | Villalba Municipio | 72149 | U                    | 5.67E-05                                                               | 5.67E-05 | 5.77E-05 | 6.62E-05 | 1.05E-04 | 1.52E-04 | 2.31E-04 | 2.31E-04 | 0.00E+00                         | 7.98E-05          | 2.52E-05         | 6.73E-08          | 0.00E+00                |
| Puerto Rico                                                                                     | Yabucoa Municipio  | 72151 | U                    | 3.34E-05                                                               | 3.34E-05 | 3.72E-05 | 4.46E-05 | 8.76E-05 | 9.39E-05 | 3.16E-04 | 3.16E-04 | 0.00E+00                         | 6.93E-05          | 1.81E-05         | 1.96E-07          | 0.00E+00                |
| Puerto Rico                                                                                     | Yauco Municipio    | 72153 | U                    | 3.28E-05                                                               | 3.28E-05 | 3.30E-05 | 4.89E-05 | 8.93E-05 | 1.30E-04 | 2.60E-04 | 2.60E-04 | 0.00E+00                         | 7.10E-05          | 1.83E-05         | 0.00E+00          | 0.00E+00                |
| Virgin Islands                                                                                  | Statewide          | N/A   | N/A                  | 2.23E-05                                                               | 2.38E-05 | 3.13E-05 | 6.15E-05 | 9.86E-05 | 1.54E-04 | 2.62E-04 | 2.76E-04 | 0.00E+00                         | 7.41E-05          | 1.88E-05         | 5.79E-06          | 0.00E+00                |
| Virgin Islands                                                                                  | All Urban Counties | N/A   | U                    | 2.24E-05                                                               | 2.38E-05 | 2.62E-05 | 8.53E-05 | 1.18E-04 | 2.17E-04 | 2.62E-04 | 2.76E-04 | 0.00E+00                         | 8.83E-05          | 2.22E-05         | 7.26E-06          | 0.00E+00                |
| Virgin Islands                                                                                  | All Rural Counties | N/A   | R                    | 5.26E-06                                                               | 2.23E-05 | 4.09E-05 | 5.84E-05 | 8.27E-05 | 8.89E-05 | 1.84E-04 | 3.37E-04 | 0.00E+00                         | 6.22E-05          | 1.59E-05         | 4.56E-06          | 0.00E+00                |
| Virgin Islands                                                                                  | St. Croix          | 78010 | R                    | 2.23E-05                                                               | 3.77E-05 | 4.32E-05 | 6.69E-05 | 9.08E-05 | 9.80E-05 | 1.84E-04 | 3.37E-04 | 0.00E+00                         | 6.83E-05          | 1.75E-05         | 5.00E-06          | 0.00E+00                |
| Virgin Islands                                                                                  | St. John           | 78020 | R                    | 5.26E-06                                                               | 5.26E-06 | 5.26E-06 | 1.83E-05 | 1.83E-05 | 3.13E-05 | 3.13E-05 | 3.13E-05 | 0.00E+00                         | 1.37E-05          | 3.64E-06         | 1.00E-06          | 0.00E+00                |
| Virgin Islands                                                                                  | St. Thomas         | 78030 | U                    | 2.24E-05                                                               | 2.38E-05 | 2.62E-05 | 8.53E-05 | 1.18E-04 | 2.17E-04 | 2.62E-04 | 2.76E-04 | 0.00E+00                         | 8.83E-05          | 2.22E-05         | 7.26E-06          | 0.00E+00                |