

US EPA ARCHIVE DOCUMENT

## 1999 Draft Emissions for West Virginia: For Review Only

This spreadsheet summarizes the county-level emissions input into the ASPEN model. The purpose of presenting these estimates is to provide additional information for State, local, and tribal organization review of the draft 1999 NEI for HAPs posted October 2002. These results should not be used for comparison with 1996 NATA results to perform trends analysis because in addition to being draft, changes have been made to emission inventory and processing methodologies.

See [www.epa.gov/ttn/chief/net/index.html#1999](http://www.epa.gov/ttn/chief/net/index.html#1999) for more information on the draft 1999 NEI for HAPs.

For a discussion of limitations, please see <http://www.epa.gov/ttn/atw/nata1999/natsalim2.html>

### DRAFT FOR REVIEW ONLY

| State         | County             | FIPS  | Urban or Rural | Pollutant                           | Major               |                                      | Area and Other      |                                      | Onroad Mobile       |                                      | Nonroad Mobile      |                                      | Total               |                                      |
|---------------|--------------------|-------|----------------|-------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|
|               |                    |       |                |                                     | Emissions (tons/yr) | Emissions Density (tons/yr/sq. mile) |
| West Virginia | Statewide          | N/A   | N/A            | Acetaldehyde - Primary              | 8.50E+02            | 3.51E-02                             | 9.14E+01            | 3.77E-03                             | 1.91E+02            | 7.89E-03                             | 1.23E+02            | 5.08E-03                             | 1.26E+03            | 5.18E-02                             |
| West Virginia | Statewide          | N/A   | N/A            | Acrolein - Primary                  | 6.04E+00            | 2.49E-04                             | 8.63E+01            | 3.56E-03                             | 2.86E+01            | 1.18E-03                             | 1.10E+01            | 4.53E-04                             | 1.32E+02            | 5.44E-03                             |
| West Virginia | Statewide          | N/A   | N/A            | Acrylonitrile                       | 7.13E+00            | 2.94E-04                             | 2.17E+00            | 8.94E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 9.30E+00            | 3.84E-04                             |
| West Virginia | Statewide          | N/A   | N/A            | Arsenic Compounds                   | 1.03E+01            | 4.23E-04                             | 6.27E+00            | 2.59E-04                             | 1.65E-01            | 6.79E-06                             | 4.39E-02            | 1.81E-06                             | 1.67E+01            | 6.91E-04                             |
| West Virginia | Statewide          | N/A   | N/A            | Benzene                             | 4.53E+01            | 1.87E-03                             | 1.21E+03            | 4.98E-02                             | 1.43E+03            | 5.92E-02                             | 3.65E+02            | 1.51E-02                             | 3.05E+03            | 1.26E-01                             |
| West Virginia | Statewide          | N/A   | N/A            | Benzidine                           | 0.00E+00            | 0.00E+00                             |
| West Virginia | Statewide          | N/A   | N/A            | Beryllium Compounds                 | 6.76E-01            | 2.79E-05                             | 6.98E-02            | 2.88E-06                             | 0.00E+00            | 0.00E+00                             | 8.48E-03            | 3.50E-07                             | 7.54E-01            | 3.11E-05                             |
| West Virginia | Statewide          | N/A   | N/A            | 1,3-Butadiene                       | 3.53E+00            | 1.46E-04                             | 7.35E+01            | 3.04E-03                             | 1.71E+02            | 7.06E-03                             | 4.13E+01            | 1.70E-03                             | 2.89E+02            | 1.19E-02                             |
| West Virginia | Statewide          | N/A   | N/A            | Cadmium Compounds                   | 7.26E-01            | 3.00E-05                             | 7.05E-02            | 2.91E-06                             | 0.00E+00            | 0.00E+00                             | 1.09E-02            | 4.51E-07                             | 8.07E-01            | 3.33E-05                             |
| West Virginia | Statewide          | N/A   | N/A            | Carbon Disulfide                    | 9.56E+01            | 3.95E-03                             | 8.21E+00            | 3.39E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.04E+02            | 4.29E-03                             |
| West Virginia | Statewide          | N/A   | N/A            | Carbon Tetrachloride                | 5.22E-04            | 2.15E-08                             | 1.15E+00            | 4.74E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.15E+00            | 4.75E-05                             |
| West Virginia | Statewide          | N/A   | N/A            | Chloroform                          | 4.04E-02            | 1.67E-06                             | 3.40E+01            | 1.40E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.40E+01            | 1.40E-03                             |
| West Virginia | Statewide          | N/A   | N/A            | Chromium Compounds: Total           | 3.25E+01            | 1.34E-03                             | 1.20E+00            | 4.96E-05                             | 9.43E-02            | 3.89E-06                             | 1.34E-02            | 5.54E-07                             | 3.38E+01            | 1.39E-03                             |
| West Virginia | Statewide          | N/A   | N/A            | Chromium Compounds: Hexavalent only | 8.69E+00            | 3.59E-04                             | 3.25E+01            | 1.34E-05                             | 3.76E-02            | 1.55E-06                             | 4.56E-03            | 1.88E-07                             | 9.05E+00            | 3.74E-04                             |
| West Virginia | Statewide          | N/A   | N/A            | Coke Oven Emissions                 | 7.72E+01            | 3.18E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 7.72E+01            | 3.18E-03                             |
| West Virginia | Statewide          | N/A   | N/A            | 1,4-Dichlorobenzene                 | 5.53E+00            | 2.28E-04                             | 7.54E+01            | 3.11E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 8.09E+00            | 3.34E-03                             |
| West Virginia | Statewide          | N/A   | N/A            | 1,3-Dichloropropene                 | 0.00E+00            | 0.00E+00                             | 1.45E+02            | 5.97E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.45E+02            | 5.97E-03                             |
| West Virginia | Statewide          | N/A   | N/A            | Ethylene Dibromide                  | 1.87E-04            | 7.72E-09                             | 1.40E-03            | 5.77E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.58E-03            | 6.54E-08                             |
| West Virginia | Statewide          | N/A   | N/A            | Ethylene Dichloride                 | 7.01E-01            | 2.89E-05                             | 4.15E-01            | 1.71E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.12E+00            | 4.61E-05                             |
| West Virginia | Statewide          | N/A   | N/A            | Ethylene Oxide                      | 6.57E+00            | 2.71E-04                             | 1.61E+01            | 6.63E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.26E+01            | 9.34E-04                             |
| West Virginia | Statewide          | N/A   | N/A            | Formaldehyde - Primary              | 3.23E+01            | 1.33E-03                             | 6.38E+02            | 2.63E-02                             | 5.77E+02            | 2.38E-02                             | 2.79E+02            | 1.15E-02                             | 1.53E+03            | 6.30E-02                             |
| West Virginia | Statewide          | N/A   | N/A            | Hexachlorobenzene                   | 0.00E+00            | 0.00E+00                             | 4.50E-03            | 1.86E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.50E-03            | 1.86E-07                             |
| West Virginia | Statewide          | N/A   | N/A            | Hexachlorobutadiene                 | 0.00E+00            | 0.00E+00                             | 3.31E-04            | 1.37E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.31E-04            | 1.37E-08                             |
| West Virginia | Statewide          | N/A   | N/A            | Hexamethylene Diisocyanate          | 0.00E+00            | 0.00E+00                             |
| West Virginia | Statewide          | N/A   | N/A            | Hydrazine                           | 3.77E-01            | 1.56E-05                             | 5.08E-04            | 2.10E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.78E-01            | 1.56E-05                             |
| West Virginia | Statewide          | N/A   | N/A            | Lead Compounds                      | 1.05E+01            | 4.32E-04                             | 9.36E+00            | 3.87E-04                             | 0.00E+00            | 0.00E+00                             | 2.73E+00            | 1.13E-04                             | 2.26E+01            | 9.31E-04                             |
| West Virginia | Statewide          | N/A   | N/A            | Manganese Compounds                 | 3.19E+01            | 1.32E-03                             | 3.74E+00            | 1.54E-04                             | 3.21E-02            | 1.33E-06                             | 2.52E-02            | 1.04E-06                             | 3.57E+01            | 1.47E-03                             |
| West Virginia | Statewide          | N/A   | N/A            | Mercury Compounds                   | 5.20E-01            | 2.15E-05                             | 1.70E-01            | 7.01E-06                             | 1.93E-01            | 7.98E-06                             | 4.70E-02            | 1.94E-06                             | 9.30E-01            | 3.84E-05                             |
| West Virginia | Statewide          | N/A   | N/A            | Methylene Chloride                  | 1.26E+01            | 5.21E-04                             | 2.65E+02            | 1.10E-02                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.78E+02            | 1.15E-02                             |
| West Virginia | Statewide          | N/A   | N/A            | Nickel Compounds                    | 2.29E+01            | 9.46E-04                             | 3.84E+00            | 1.59E-04                             | 7.23E-02            | 2.98E-06                             | 5.17E-01            | 2.14E-05                             | 2.73E+01            | 1.13E-03                             |
| West Virginia | Statewide          | N/A   | N/A            | Perchloroethylene                   | 1.25E+00            | 5.15E-05                             | 1.48E+02            | 6.09E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.49E+02            | 6.14E-03                             |
| West Virginia | Statewide          | N/A   | N/A            | Polychlorinated Biphenyls           | 2.06E-06            | 8.50E-11                             | 5.62E-01            | 2.32E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.62E-01            | 2.32E-05                             |
| West Virginia | Statewide          | N/A   | N/A            | Polycyclic Organic Matter           | 4.09E+01            | 1.69E-03                             | 2.17E+02            | 8.96E-03                             | 3.71E+01            | 1.53E-03                             | 7.80E+00            | 3.22E-04                             | 3.03E+02            | 1.25E-02                             |
| West Virginia | Statewide          | N/A   | N/A            | 7-PAH                               | 1.23E-01            | 5.08E-06                             | 7.05E+00            | 2.91E-04                             | 2.79E-01            | 1.15E-05                             | 1.31E-01            | 5.42E-06                             | 7.59E+00            | 3.13E-04                             |
| West Virginia | Statewide          | N/A   | N/A            | Propylene Dichloride                | 1.73E-02            | 7.12E-07                             | 6.16E-01            | 2.54E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.33E-01            | 2.61E-05                             |
| West Virginia | Statewide          | N/A   | N/A            | Quinoline                           | 4.08E-01            | 1.68E-05                             | 1.07E-01            | 4.40E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.14E-01            | 2.12E-05                             |
| West Virginia | Statewide          | N/A   | N/A            | 1,1,2,2-Tetrachloroethane           | 1.58E-01            | 6.52E-06                             | 9.79E-01            | 4.04E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.14E+00            | 4.69E-05                             |
| West Virginia | Statewide          | N/A   | N/A            | Trichloroethylene                   | 3.14E-01            | 1.30E-05                             | 2.72E+01            | 1.12E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.75E+01            | 1.14E-03                             |
| West Virginia | Statewide          | N/A   | N/A            | Vinyl Chloride                      | 3.89E-01            | 1.61E-05                             | 2.36E+00            | 9.76E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.75E+00            | 1.14E-04                             |
| West Virginia | All Urban Counties | N/A   | U              | Acetaldehyde - Primary              | 2.61E+00            | 8.30E-04                             | 1.28E+01            | 4.07E-03                             | 7.16E+01            | 2.28E-02                             | 5.71E+01            | 1.81E-02                             | 1.44E+02            | 4.58E-02                             |
| West Virginia | Berkeley County    | 54003 | U              | Acetaldehyde - Primary              | 0.00E+00            | 0.00E+00                             | 7.26E-01            | 2.27E-03                             | 8.88E+00            | 2.78E-02                             | 2.04E+00            | 6.37E-03                             | 1.16E+01            | 3.64E-02                             |
| West Virginia | Cabell County      | 54011 | U              | Acetaldehyde - Primary              | 0.00E+00            | 0.00E+00                             | 9.73E-01            | 3.38E-03                             | 3.41E+00            | 3.41E-02                             | 2.06E+01            | 7.42E-02                             | 3.10E+01            | 1.12E-01                             |
| West Virginia | Hancock County     | 54029 | U              | Acetaldehyde - Primary              | 8.99E-03            | 1.04E-04                             | 1.86E-01            | 2.15E-03                             | 2.61E+00            | 3.02E-02                             | 3.67E+00            | 4.24E-02                             | 6.47E+00            | 7.49E-02                             |
| West Virginia | Jefferson County   | 54037 | U              | Acetaldehyde - Primary              | 0.00E+00            | 0.00E+00                             | 2.65E-01            | 1.27E-03                             | 3.40E+00            | 1.63E-02                             | 2.11E+00            | 1.01E-02                             | 5.78E+00            | 2.76E-02                             |
| West Virginia | Kanawha County     | 54039 | U              | Acetaldehyde - Primary              | 6.07E-01            | 6.70E-04                             | 5.25E+00            | 5.80E-03                             | 2.50E+01            | 2.76E-02                             | 6.88E+00            | 7.60E-03                             | 3.77E+01            | 4.17E-02                             |
| West Virginia | Ohio County        | 54069 | U              | Acetaldehyde - Primary              | 0.00E+00            | 0.00E+00                             | 2.93E-01            | 2.84E-03                             | 4.16E+00            | 4.03E-02                             | 5.13E+00            | 4.97E-02                             | 9.58E+00            | 9.28E-02                             |

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| State         | County             | FIPS  | Urban or Rural | Pollutant              | Major               |                                      | Area and Other      |                                      | Onroad Mobile       |                                      | Nonroad Mobile      |                                      | Total               |                                      |
|---------------|--------------------|-------|----------------|------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|
|               |                    |       |                |                        | Emissions (tons/yr) | Emissions Density (tons/yr/sq. mile) |
| West Virginia | Putnam County      | 54079 | U              | Acetaldehyde - Primary | 1.98E+00            | 5.72E-03                             | 1.16E+00            | 3.33E-03                             | 5.09E+00            | 1.47E-02                             | 4.94E+00            | 1.42E-02                             | 1.32E+01            | 3.80E-02                             |
| West Virginia | Wayne County       | 54099 | U              | Acetaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 2.96E+00            | 5.63E-03                             | 3.31E+00            | 6.31E-03                             | 5.00E+00            | 9.52E-03                             | 1.13E+01            | 2.15E-02                             |
| West Virginia | Wood County        | 54107 | U              | Acetaldehyde - Primary | 1.50E-02            | 4.00E-05                             | 1.05E+00            | 2.80E-03                             | 9.74E+00            | 2.60E-02                             | 6.73E+00            | 1.80E-02                             | 1.75E+01            | 4.68E-02                             |
| West Virginia | All Urban Counties | N/A   | U              | Acrolein - Primary     | 1.15E+00            | 3.64E-04                             | 1.30E+01            | 4.14E-03                             | 1.09E+01            | 3.45E-03                             | 4.79E+00            | 1.52E-03                             | 2.98E+01            | 9.48E-03                             |
| West Virginia | Berkeley County    | 54003 | U              | Acrolein - Primary     | 0.00E+00            | 0.00E+00                             | 1.12E+00            | 3.50E-03                             | 1.32E+00            | 4.13E-03                             | 2.37E-01            | 7.41E-04                             | 2.67E+00            | 8.37E-03                             |
| West Virginia | Cabell County      | 54011 | U              | Acrolein - Primary     | 0.00E+00            | 0.00E+00                             | 1.39E+00            | 5.00E-03                             | 1.45E+00            | 5.22E-03                             | 1.18E+00            | 4.24E-03                             | 4.01E+00            | 1.45E-02                             |
| West Virginia | Hancock County     | 54029 | U              | Acrolein - Primary     | 1.39E-02            | 1.61E-04                             | 3.45E-01            | 3.99E-03                             | 4.01E-01            | 4.63E-03                             | 2.57E-01            | 2.98E-03                             | 1.02E+00            | 1.18E-02                             |
| West Virginia | Jefferson County   | 54037 | U              | Acrolein - Primary     | 0.00E+00            | 0.00E+00                             | 4.65E-01            | 2.22E-03                             | 5.03E-01            | 2.40E-03                             | 2.57E-01            | 1.23E-03                             | 1.23E+00            | 5.86E-03                             |
| West Virginia | Kanawha County     | 54039 | U              | Acrolein - Primary     | 1.15E-01            | 1.27E-04                             | 4.50E+00            | 4.97E-03                             | 3.80E+00            | 4.20E-03                             | 8.27E-01            | 9.13E-04                             | 9.24E+00            | 1.02E-02                             |
| West Virginia | Ohio County        | 54069 | U              | Acrolein - Primary     | 0.00E+00            | 0.00E+00                             | 5.31E-01            | 5.14E-03                             | 6.31E-01            | 6.11E-03                             | 3.44E-01            | 3.33E-03                             | 1.51E+00            | 1.46E-02                             |
| West Virginia | Putnam County      | 54079 | U              | Acrolein - Primary     | 1.01E+00            | 2.91E-03                             | 1.34E+00            | 3.87E-03                             | 7.67E-01            | 2.21E-03                             | 4.44E-01            | 1.28E-03                             | 3.56E+00            | 1.03E-02                             |
| West Virginia | Wayne County       | 54099 | U              | Acrolein - Primary     | 0.00E+00            | 0.00E+00                             | 1.97E+00            | 3.74E-03                             | 4.99E-01            | 9.50E-04                             | 7.35E-01            | 1.40E-03                             | 3.20E+00            | 6.09E-03                             |
| West Virginia | Wood County        | 54107 | U              | Acrolein - Primary     | 7.63E-03            | 2.04E-05                             | 1.39E+00            | 3.71E-03                             | 1.49E+00            | 3.97E-03                             | 5.15E-01            | 1.37E-03                             | 3.40E+00            | 9.08E-03                             |
| West Virginia | All Urban Counties | N/A   | U              | Acrylonitrile          | 6.81E+00            | 2.16E-03                             | 7.72E-01            | 2.45E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 7.58E+00            | 2.41E-03                             |
| West Virginia | Berkeley County    | 54003 | U              | Acrylonitrile          | 0.00E+00            | 0.00E+00                             | 9.13E-02            | 2.86E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 9.13E-02            | 2.86E-04                             |
| West Virginia | Cabell County      | 54011 | U              | Acrylonitrile          | 0.00E+00            | 0.00E+00                             | 8.72E-02            | 3.14E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 8.72E-02            | 3.14E-04                             |
| West Virginia | Hancock County     | 54029 | U              | Acrylonitrile          | 0.00E+00            | 0.00E+00                             | 4.30E-03            | 4.97E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.30E-03            | 4.97E-05                             |
| West Virginia | Jefferson County   | 54037 | U              | Acrylonitrile          | 0.00E+00            | 0.00E+00                             | 6.97E-03            | 3.33E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.97E-03            | 3.33E-05                             |
| West Virginia | Kanawha County     | 54039 | U              | Acrylonitrile          | 4.89E-02            | 5.41E-05                             | 2.02E-01            | 2.23E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.51E-01            | 2.77E-04                             |
| West Virginia | Ohio County        | 54069 | U              | Acrylonitrile          | 2.85E-01            | 2.76E-03                             | 1.18E-01            | 1.15E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.03E-01            | 3.91E-03                             |
| West Virginia | Putnam County      | 54079 | U              | Acrylonitrile          | 0.00E+00            | 0.00E+00                             | 1.66E-01            | 4.78E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.66E-01            | 4.78E-04                             |
| West Virginia | Wayne County       | 54099 | U              | Acrylonitrile          | 0.00E+00            | 0.00E+00                             | 9.16E-03            | 1.74E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 9.16E-03            | 1.74E-05                             |
| West Virginia | Wood County        | 54107 | U              | Acrylonitrile          | 6.48E+00            | 1.73E-02                             | 8.72E-02            | 2.33E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.57E+00            | 1.75E-02                             |
| West Virginia | All Urban Counties | N/A   | U              | Arsenic Compounds      | 2.45E+00            | 7.78E-04                             | 5.95E+00            | 1.89E-03                             | 5.67E-02            | 1.80E-05                             | 1.76E-02            | 5.59E-06                             | 8.47E+00            | 2.69E-03                             |
| West Virginia | Berkeley County    | 54003 | U              | Arsenic Compounds      | 0.00E+00            | 0.00E+00                             | 5.19E+00            | 1.62E-02                             | 7.95E-03            | 2.49E-05                             | 8.61E-04            | 2.69E-06                             | 5.20E+00            | 1.63E-02                             |
| West Virginia | Cabell County      | 54011 | U              | Arsenic Compounds      | 0.00E+00            | 0.00E+00                             | 2.28E-03            | 8.21E-06                             | 7.03E-03            | 2.53E-05                             | 4.31E-03            | 1.55E-05                             | 1.36E-02            | 4.91E-05                             |
| West Virginia | Hancock County     | 54029 | U              | Arsenic Compounds      | 1.21E-03            | 1.40E-05                             | 1.04E-03            | 1.20E-05                             | 1.97E-03            | 2.28E-05                             | 1.25E-03            | 1.45E-05                             | 5.47E-03            | 6.33E-05                             |
| West Virginia | Jefferson County   | 54037 | U              | Arsenic Compounds      | 0.00E+00            | 0.00E+00                             | 3.77E-02            | 1.80E-04                             | 3.17E-03            | 1.51E-05                             | 7.44E-04            | 3.56E-06                             | 4.16E-02            | 1.99E-04                             |
| West Virginia | Kanawha County     | 54039 | U              | Arsenic Compounds      | 1.58E-01            | 1.75E-04                             | 7.01E-01            | 7.74E-04                             | 1.90E-02            | 2.10E-05                             | 2.71E-03            | 2.99E-06                             | 8.81E-01            | 9.73E-04                             |
| West Virginia | Ohio County        | 54069 | U              | Arsenic Compounds      | 0.00E+00            | 0.00E+00                             | 1.26E-03            | 1.22E-05                             | 3.07E-03            | 2.97E-05                             | 1.72E-03            | 1.67E-05                             | 6.05E-03            | 5.86E-05                             |
| West Virginia | Putnam County      | 54079 | U              | Arsenic Compounds      | 2.28E+00            | 6.58E-03                             | 5.73E-03            | 1.65E-05                             | 4.13E-03            | 1.19E-05                             | 2.21E-03            | 6.37E-06                             | 2.29E+00            | 6.62E-03                             |
| West Virginia | Wayne County       | 54099 | U              | Arsenic Compounds      | 0.00E+00            | 0.00E+00                             | 1.09E-02            | 2.07E-05                             | 2.76E-03            | 5.25E-06                             | 1.56E-03            | 2.97E-06                             | 1.52E-02            | 2.89E-05                             |
| West Virginia | Wood County        | 54107 | U              | Arsenic Compounds      | 6.18E-03            | 1.65E-05                             | 2.69E-03            | 7.19E-06                             | 7.64E-03            | 2.04E-05                             | 2.22E-03            | 5.92E-06                             | 1.87E-02            | 5.00E-05                             |
| West Virginia | All Urban Counties | N/A   | U              | Benzene                | 8.44E+00            | 2.68E-03                             | 2.95E+02            | 9.38E-02                             | 5.61E+02            | 1.78E-01                             | 1.34E+02            | 4.25E-02                             | 9.98E+02            | 3.17E-01                             |
| West Virginia | Berkeley County    | 54003 | U              | Benzene                | 0.00E+00            | 0.00E+00                             | 2.83E+01            | 8.87E-02                             | 6.58E+01            | 2.06E-01                             | 6.80E+00            | 2.13E-02                             | 1.01E+02            | 3.16E-01                             |
| West Virginia | Cabell County      | 54011 | U              | Benzene                | 0.00E+00            | 0.00E+00                             | 2.01E+01            | 7.23E-02                             | 7.60E+01            | 2.74E-01                             | 2.38E+01            | 8.59E-02                             | 1.20E+02            | 4.32E-01                             |
| West Virginia | Hancock County     | 54029 | U              | Benzene                | 4.89E-01            | 5.66E-03                             | 5.20E+00            | 6.02E-02                             | 2.02E+01            | 2.34E-01                             | 8.68E+00            | 1.00E-01                             | 3.46E+01            | 4.01E-01                             |
| West Virginia | Jefferson County   | 54037 | U              | Benzene                | 0.00E+00            | 0.00E+00                             | 1.65E+01            | 7.90E-02                             | 2.39E+01            | 1.14E-01                             | 6.52E+00            | 3.12E-02                             | 4.69E+01            | 2.24E-01                             |
| West Virginia | Kanawha County     | 54039 | U              | Benzene                | 5.25E-01            | 5.80E-04                             | 1.46E+02            | 1.61E-01                             | 2.01E+02            | 2.22E-01                             | 2.82E+01            | 3.11E-02                             | 3.76E+02            | 4.15E-01                             |
| West Virginia | Ohio County        | 54069 | U              | Benzene                | 7.36E-01            | 7.12E-03                             | 8.61E+00            | 8.34E-02                             | 3.42E+01            | 3.31E-01                             | 1.00E+01            | 9.72E-02                             | 5.36E+01            | 5.19E-01                             |
| West Virginia | Putnam County      | 54079 | U              | Benzene                | 4.52E+00            | 1.30E-02                             | 1.69E+01            | 4.88E-02                             | 3.97E+01            | 1.15E-01                             | 1.94E+01            | 5.59E-02                             | 8.05E+01            | 2.32E-01                             |
| West Virginia | Wayne County       | 54099 | U              | Benzene                | 0.00E+00            | 0.00E+00                             | 2.80E+01            | 5.33E-02                             | 2.48E+01            | 4.71E-02                             | 8.87E+00            | 1.69E-02                             | 6.16E+01            | 1.17E-01                             |
| West Virginia | Wood County        | 54107 | U              | Benzene                | 2.16E+00            | 5.78E-03                             | 2.53E+01            | 6.75E-02                             | 7.57E+01            | 2.02E-01                             | 2.14E+01            | 5.73E-02                             | 1.25E+02            | 3.33E-01                             |
| West Virginia | All Urban Counties | N/A   | U              | Benzidine              | 0.00E+00            | 0.00E+00                             |
| West Virginia | Berkeley County    | 54003 | U              | Benzidine              | 0.00E+00            | 0.00E+00                             |
| West Virginia | Cabell County      | 54011 | U              | Benzidine              | 0.00E+00            | 0.00E+00                             |
| West Virginia | Hancock County     | 54029 | U              | Benzidine              | 0.00E+00            | 0.00E+00                             |
| West Virginia | Jefferson County   | 54037 | U              | Benzidine              | 0.00E+00            | 0.00E+00                             |
| West Virginia | Kanawha County     | 54039 | U              | Benzidine              | 0.00E+00            | 0.00E+00                             |
| West Virginia | Ohio County        | 54069 | U              | Benzidine              | 0.00E+00            | 0.00E+00                             |
| West Virginia | Putnam County      | 54079 | U              | Benzidine              | 0.00E+00            | 0.00E+00                             |
| West Virginia | Wayne County       | 54099 | U              | Benzidine              | 0.00E+00            | 0.00E+00                             |
| West Virginia | Wood County        | 54107 | U              | Benzidine              | 0.00E+00            | 0.00E+00                             |
| West Virginia | All Urban Counties | N/A   | U              | Beryllium Compounds    | 1.20E-01            | 3.81E-05                             | 5.46E-03            | 1.73E-06                             | 0.00E+00            | 0.00E+00                             | 3.62E-03            | 1.15E-06                             | 1.29E-01            | 4.10E-05                             |

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| State         | County             | FIPS  | Urban or Rural | Pollutant            | Major               |                                      | Area and Other      |                                      | Onroad Mobile       |                                      | Nonroad Mobile      |                                      | Total               |                                      |
|---------------|--------------------|-------|----------------|----------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|
|               |                    |       |                |                      | Emissions (tons/yr) | Emissions Density (tons/yr/sq. mile) |
| West Virginia | Berkeley County    | 54003 | U              | Beryllium Compounds  | 0.00E+00            | 0.00E+00                             | 3.55E-04            | 1.11E-06                             | 0.00E+00            | 0.00E+00                             | 5.24E-04            | 1.64E-06                             | 8.78E-04            | 2.75E-06                             |
| West Virginia | Cabell County      | 54011 | U              | Beryllium Compounds  | 0.00E+00            | 0.00E+00                             | 6.27E-04            | 2.26E-06                             | 0.00E+00            | 0.00E+00                             | 5.76E-04            | 2.08E-06                             | 1.20E-03            | 4.34E-06                             |
| West Virginia | Hancock County     | 54029 | U              | Beryllium Compounds  | 3.03E-04            | 3.51E-06                             | 2.26E-04            | 2.62E-06                             | 0.00E+00            | 0.00E+00                             | 3.87E-05            | 4.47E-07                             | 5.68E-04            | 6.57E-06                             |
| West Virginia | Jefferson County   | 54037 | U              | Beryllium Compounds  | 0.00E+00            | 0.00E+00                             | 5.42E-04            | 2.59E-06                             | 0.00E+00            | 0.00E+00                             | 8.15E-04            | 3.89E-06                             | 1.36E-03            | 6.48E-06                             |
| West Virginia | Kanawha County     | 54039 | U              | Beryllium Compounds  | 8.25E-03            | 9.12E-06                             | 1.89E-03            | 2.09E-06                             | 0.00E+00            | 0.00E+00                             | 5.48E-04            | 6.05E-07                             | 1.07E-02            | 1.18E-05                             |
| West Virginia | Ohio County        | 54069 | U              | Beryllium Compounds  | 0.00E+00            | 0.00E+00                             | 3.52E-04            | 3.40E-06                             | 0.00E+00            | 0.00E+00                             | 1.78E-05            | 1.73E-07                             | 3.69E-04            | 3.58E-06                             |
| West Virginia | Putnam County      | 54079 | U              | Beryllium Compounds  | 1.11E-01            | 3.20E-04                             | 2.30E-04            | 6.62E-07                             | 0.00E+00            | 0.00E+00                             | 3.53E-04            | 1.02E-06                             | 1.12E-01            | 3.22E-04                             |
| West Virginia | Wayne County       | 54099 | U              | Beryllium Compounds  | 0.00E+00            | 0.00E+00                             | 7.12E-04            | 1.35E-06                             | 0.00E+00            | 0.00E+00                             | 6.43E-04            | 1.22E-06                             | 1.35E-03            | 2.58E-06                             |
| West Virginia | Wood County        | 54107 | U              | Beryllium Compounds  | 3.09E-04            | 8.26E-07                             | 5.28E-04            | 1.41E-06                             | 0.00E+00            | 0.00E+00                             | 1.04E-04            | 2.77E-07                             | 9.41E-04            | 2.51E-06                             |
| West Virginia | All Urban Counties | N/A   | U              | 1,3-Butadiene        | 3.53E+00            | 1.12E-03                             | 9.12E+00            | 2.90E-03                             | 6.62E+01            | 2.10E-02                             | 1.64E+01            | 5.22E-03                             | 9.53E+01            | 3.03E-02                             |
| West Virginia | Berkeley County    | 54003 | U              | 1,3-Butadiene        | 0.00E+00            | 0.00E+00                             | 7.06E-01            | 2.21E-03                             | 7.88E+00            | 2.47E-02                             | 9.02E-01            | 2.82E-03                             | 9.49E+00            | 2.97E-02                             |
| West Virginia | Cabell County      | 54011 | U              | 1,3-Butadiene        | 0.00E+00            | 0.00E+00                             | 8.64E-01            | 3.12E-03                             | 8.91E+00            | 3.21E-02                             | 2.32E+00            | 8.36E-03                             | 1.21E+01            | 4.36E-02                             |
| West Virginia | Hancock County     | 54029 | U              | 1,3-Butadiene        | 2.30E-01            | 2.67E-03                             | 1.77E-01            | 2.05E-03                             | 2.39E+00            | 2.77E-02                             | 9.63E-01            | 1.11E-02                             | 3.76E+00            | 4.35E-02                             |
| West Virginia | Jefferson County   | 54037 | U              | 1,3-Butadiene        | 0.00E+00            | 0.00E+00                             | 2.43E-01            | 1.16E-03                             | 2.90E+00            | 1.39E-02                             | 8.36E-01            | 4.00E-03                             | 3.98E+00            | 1.90E-02                             |
| West Virginia | Kanawha County     | 54039 | U              | 1,3-Butadiene        | 1.03E+00            | 1.14E-03                             | 3.24E+00            | 3.57E-03                             | 2.36E+01            | 2.60E-02                             | 3.99E+00            | 4.41E-03                             | 3.18E+01            | 3.52E-02                             |
| West Virginia | Ohio County        | 54069 | U              | 1,3-Butadiene        | 0.00E+00            | 0.00E+00                             | 2.81E-01            | 2.72E-03                             | 3.99E+00            | 3.87E-02                             | 1.20E+00            | 1.16E-02                             | 5.47E+00            | 5.30E-02                             |
| West Virginia | Putnam County      | 54079 | U              | 1,3-Butadiene        | 0.00E+00            | 0.00E+00                             | 1.03E+00            | 2.98E-03                             | 4.69E+00            | 1.35E-02                             | 2.42E+00            | 6.98E-03                             | 8.15E+00            | 2.35E-02                             |
| West Virginia | Wayne County       | 54099 | U              | 1,3-Butadiene        | 0.00E+00            | 0.00E+00                             | 1.67E+00            | 3.19E-03                             | 2.96E+00            | 5.63E-03                             | 1.34E+00            | 2.54E-03                             | 5.97E+00            | 1.14E-02                             |
| West Virginia | Wood County        | 54107 | U              | 1,3-Butadiene        | 2.27E+00            | 6.05E-03                             | 9.06E-01            | 2.42E-03                             | 8.94E+00            | 2.39E-02                             | 2.47E+00            | 6.59E-03                             | 1.46E+01            | 3.89E-02                             |
| West Virginia | All Urban Counties | N/A   | U              | Cadmium Compounds    | 2.00E-01            | 6.34E-05                             | 5.57E-02            | 1.77E-05                             | 0.00E+00            | 0.00E+00                             | 5.08E-03            | 1.61E-06                             | 2.60E-01            | 8.27E-05                             |
| West Virginia | Berkeley County    | 54003 | U              | Cadmium Compounds    | 0.00E+00            | 0.00E+00                             | 3.31E-03            | 1.04E-05                             | 0.00E+00            | 0.00E+00                             | 5.24E-04            | 1.64E-06                             | 3.84E-03            | 1.20E-05                             |
| West Virginia | Cabell County      | 54011 | U              | Cadmium Compounds    | 0.00E+00            | 0.00E+00                             | 5.82E-03            | 2.10E-05                             | 0.00E+00            | 0.00E+00                             | 1.38E-03            | 4.99E-06                             | 7.21E-03            | 2.60E-05                             |
| West Virginia | Hancock County     | 54029 | U              | Cadmium Compounds    | 1.48E-03            | 1.72E-05                             | 3.94E-04            | 4.55E-06                             | 0.00E+00            | 0.00E+00                             | 1.72E-04            | 1.99E-06                             | 2.05E-03            | 2.37E-05                             |
| West Virginia | Jefferson County   | 54037 | U              | Cadmium Compounds    | 0.00E+00            | 0.00E+00                             | 3.59E-03            | 1.72E-05                             | 0.00E+00            | 0.00E+00                             | 8.15E-04            | 3.89E-06                             | 4.41E-03            | 2.11E-05                             |
| West Virginia | Kanawha County     | 54039 | U              | Cadmium Compounds    | 2.00E-02            | 2.21E-05                             | 4.48E-03            | 4.95E-06                             | 0.00E+00            | 0.00E+00                             | 5.63E-04            | 6.22E-07                             | 2.50E-02            | 2.77E-05                             |
| West Virginia | Ohio County        | 54069 | U              | Cadmium Compounds    | 0.00E+00            | 0.00E+00                             | 1.32E-03            | 1.28E-05                             | 0.00E+00            | 0.00E+00                             | 2.16E-04            | 2.10E-06                             | 1.54E-03            | 1.49E-05                             |
| West Virginia | Putnam County      | 54079 | U              | Cadmium Compounds    | 1.77E-01            | 5.12E-04                             | 3.41E-02            | 9.84E-05                             | 0.00E+00            | 0.00E+00                             | 3.71E-04            | 1.07E-06                             | 2.12E-01            | 6.11E-04                             |
| West Virginia | Wayne County       | 54099 | U              | Cadmium Compounds    | 0.00E+00            | 0.00E+00                             | 1.65E-03            | 3.14E-06                             | 0.00E+00            | 0.00E+00                             | 7.06E-04            | 1.34E-06                             | 2.35E-03            | 4.48E-06                             |
| West Virginia | Wood County        | 54107 | U              | Cadmium Compounds    | 7.68E-04            | 2.05E-06                             | 1.04E-03            | 2.78E-06                             | 0.00E+00            | 0.00E+00                             | 3.32E-04            | 8.86E-07                             | 2.14E-03            | 5.71E-06                             |
| West Virginia | All Urban Counties | N/A   | U              | Carbon Disulfide     | 5.51E-01            | 1.75E-04                             | 3.67E+00            | 1.17E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.22E+00            | 1.34E-03                             |
| West Virginia | Berkeley County    | 54003 | U              | Carbon Disulfide     | 0.00E+00            | 0.00E+00                             | 1.95E-01            | 6.09E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.95E-01            | 6.09E-04                             |
| West Virginia | Cabell County      | 54011 | U              | Carbon Disulfide     | 0.00E+00            | 0.00E+00                             | 2.47E-01            | 8.92E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.47E-01            | 8.92E-04                             |
| West Virginia | Hancock County     | 54029 | U              | Carbon Disulfide     | 7.30E-03            | 8.45E-05                             | 1.09E-01            | 1.26E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.16E-01            | 1.34E-03                             |
| West Virginia | Jefferson County   | 54037 | U              | Carbon Disulfide     | 0.00E+00            | 0.00E+00                             | 2.71E-01            | 1.29E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.71E-01            | 1.29E-03                             |
| West Virginia | Kanawha County     | 54039 | U              | Carbon Disulfide     | 5.05E-02            | 5.58E-05                             | 2.53E-01            | 2.80E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.04E-01            | 3.36E-04                             |
| West Virginia | Ohio County        | 54069 | U              | Carbon Disulfide     | 3.75E-02            | 3.63E-04                             | 1.10E-01            | 1.06E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.47E-01            | 1.43E-03                             |
| West Virginia | Putnam County      | 54079 | U              | Carbon Disulfide     | 4.52E-01            | 1.30E-03                             | 2.33E+00            | 6.72E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.78E+00            | 8.02E-03                             |
| West Virginia | Wayne County       | 54099 | U              | Carbon Disulfide     | 0.00E+00            | 0.00E+00                             | 5.19E-02            | 9.88E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.19E-02            | 9.88E-05                             |
| West Virginia | Wood County        | 54107 | U              | Carbon Disulfide     | 3.42E-03            | 9.13E-06                             | 1.09E-01            | 2.92E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.13E-01            | 3.01E-04                             |
| West Virginia | All Urban Counties | N/A   | U              | Carbon Tetrachloride | 5.22E-04            | 1.66E-07                             | 5.08E-01            | 1.62E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.09E-01            | 1.62E-04                             |
| West Virginia | Berkeley County    | 54003 | U              | Carbon Tetrachloride | 0.00E+00            | 0.00E+00                             | 4.08E-02            | 1.28E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.08E-02            | 1.28E-04                             |
| West Virginia | Cabell County      | 54011 | U              | Carbon Tetrachloride | 0.00E+00            | 0.00E+00                             | 5.24E-02            | 1.89E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.24E-02            | 1.89E-04                             |
| West Virginia | Hancock County     | 54029 | U              | Carbon Tetrachloride | 0.00E+00            | 0.00E+00                             | 1.90E-02            | 2.20E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.90E-02            | 2.20E-04                             |
| West Virginia | Jefferson County   | 54037 | U              | Carbon Tetrachloride | 0.00E+00            | 0.00E+00                             | 2.47E-02            | 1.18E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.47E-02            | 1.18E-04                             |
| West Virginia | Kanawha County     | 54039 | U              | Carbon Tetrachloride | 0.00E+00            | 0.00E+00                             | 2.45E-01            | 2.71E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.45E-01            | 2.71E-04                             |
| West Virginia | Ohio County        | 54069 | U              | Carbon Tetrachloride | 5.22E-04            | 5.06E-06                             | 2.67E-02            | 2.58E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.72E-02            | 2.63E-04                             |
| West Virginia | Putnam County      | 54079 | U              | Carbon Tetrachloride | 0.00E+00            | 0.00E+00                             | 2.92E-02            | 8.41E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.92E-02            | 8.41E-05                             |
| West Virginia | Wayne County       | 54099 | U              | Carbon Tetrachloride | 0.00E+00            | 0.00E+00                             | 2.30E-02            | 4.37E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.30E-02            | 4.37E-05                             |
| West Virginia | Wood County        | 54107 | U              | Carbon Tetrachloride | 0.00E+00            | 0.00E+00                             | 4.75E-02            | 1.27E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.75E-02            | 1.27E-04                             |
| West Virginia | All Urban Counties | N/A   | U              | Chloroform           | 6.24E-03            | 1.98E-06                             | 1.67E+01            | 5.32E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.67E+01            | 5.32E-03                             |
| West Virginia | Berkeley County    | 54003 | U              | Chloroform           | 0.00E+00            | 0.00E+00                             | 1.88E+00            | 5.90E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.88E+00            | 5.90E-03                             |
| West Virginia | Cabell County      | 54011 | U              | Chloroform           | 0.00E+00            | 0.00E+00                             | 2.35E+00            | 8.47E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.35E+00            | 8.47E-03                             |
| West Virginia | Hancock County     | 54029 | U              | Chloroform           | 0.00E+00            | 0.00E+00                             | 3.49E-01            | 4.04E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.49E-01            | 4.04E-03                             |
| West Virginia | Jefferson County   | 54037 | U              | Chloroform           | 0.00E+00            | 0.00E+00                             | 1.53E+00            | 7.29E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.53E+00            | 7.29E-03                             |

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| State         | County             | FIPS  | Urban or Rural | Pollutant                           | Major               |                                      | Area and Other      |                                      | Onroad Mobile       |                                      | Nonroad Mobile      |                                      | Total               |                                      |
|---------------|--------------------|-------|----------------|-------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|
|               |                    |       |                |                                     | Emissions (tons/yr) | Emissions Density (tons/yr/sq. mile) |
| West Virginia | Kanawha County     | 54039 | U              | Chloroform                          | 2.55E-04            | 2.81E-07                             | 5.03E+00            | 5.55E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.03E+00            | 5.55E-03                             |
| West Virginia | Ohio County        | 54069 | U              | Chloroform                          | 3.04E-03            | 2.94E-05                             | 6.56E-01            | 6.35E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.59E-01            | 6.38E-03                             |
| West Virginia | Putnam County      | 54079 | U              | Chloroform                          | 0.00E+00            | 0.00E+00                             | 1.94E+00            | 5.59E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.94E+00            | 5.59E-03                             |
| West Virginia | Wayne County       | 54099 | U              | Chloroform                          | 0.00E+00            | 0.00E+00                             | 6.44E-01            | 1.23E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.44E-01            | 1.23E-03                             |
| West Virginia | Wood County        | 54107 | U              | Chloroform                          | 2.95E-03            | 7.87E-06                             | 2.36E+00            | 6.30E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.36E+00            | 6.31E-03                             |
| West Virginia | All Urban Counties | N/A   | U              | Chromium Compounds: Total           | 2.33E+00            | 7.39E-04                             | 4.40E-01            | 1.40E-04                             | 3.58E-02            | 1.14E-05                             | 7.06E-03            | 2.24E-06                             | 2.81E+00            | 8.93E-04                             |
| West Virginia | Berkeley County    | 54003 | U              | Chromium Compounds: Total           | 0.00E+00            | 0.00E+00                             | 9.13E-04            | 2.86E-06                             | 4.41E-03            | 1.38E-05                             | 1.92E-04            | 6.02E-07                             | 5.52E-03            | 1.73E-05                             |
| West Virginia | Cabell County      | 54011 | U              | Chromium Compounds: Total           | 0.00E+00            | 0.00E+00                             | 4.27E-02            | 1.54E-04                             | 4.74E-03            | 1.71E-05                             | 3.02E-03            | 1.09E-05                             | 5.05E-02            | 1.82E-04                             |
| West Virginia | Hancock County     | 54029 | U              | Chromium Compounds: Total           | 2.17E-03            | 2.51E-05                             | 2.21E-01            | 2.55E-03                             | 1.23E-03            | 1.42E-05                             | 5.22E-04            | 6.04E-06                             | 2.25E-01            | 2.60E-03                             |
| West Virginia | Jefferson County   | 54037 | U              | Chromium Compounds: Total           | 0.00E+00            | 0.00E+00                             | 8.45E-03            | 4.04E-05                             | 1.64E-03            | 7.81E-06                             | 2.48E-04            | 1.18E-06                             | 1.03E-02            | 4.94E-05                             |
| West Virginia | Kanawha County     | 54039 | U              | Chromium Compounds: Total           | 1.00E-01            | 1.11E-04                             | 1.27E-02            | 1.41E-05                             | 1.28E-02            | 1.41E-05                             | 5.47E-04            | 6.05E-07                             | 1.26E-01            | 1.39E-04                             |
| West Virginia | Ohio County        | 54069 | U              | Chromium Compounds: Total           | 0.00E+00            | 0.00E+00                             | 8.71E-04            | 8.44E-06                             | 2.14E-03            | 2.07E-05                             | 7.39E-04            | 7.16E-06                             | 3.75E-03            | 3.63E-05                             |
| West Virginia | Putnam County      | 54079 | U              | Chromium Compounds: Total           | 2.22E+00            | 6.40E-03                             | 1.33E-01            | 3.84E-04                             | 2.55E-03            | 7.36E-06                             | 3.94E-04            | 1.14E-06                             | 2.36E+00            | 6.80E-03                             |
| West Virginia | Wayne County       | 54099 | U              | Chromium Compounds: Total           | 0.00E+00            | 0.00E+00                             | 1.81E-02            | 3.45E-05                             | 1.60E-03            | 3.04E-06                             | 4.25E-04            | 8.09E-07                             | 2.02E-02            | 3.84E-05                             |
| West Virginia | Wood County        | 54107 | U              | Chromium Compounds: Total           | 4.89E-03            | 1.30E-05                             | 2.58E-03            | 6.89E-06                             | 4.74E-03            | 1.26E-05                             | 9.79E-04            | 2.61E-06                             | 1.32E-02            | 3.52E-05                             |
| West Virginia | All Urban Counties | N/A   | U              | Chromium Compounds: Hexavalent only | 2.60E-01            | 8.26E-05                             | 1.11E-01            | 3.54E-05                             | 1.43E-02            | 4.54E-06                             | 2.40E-03            | 7.63E-07                             | 3.88E-01            | 1.23E-04                             |
| West Virginia | Berkeley County    | 54003 | U              | Chromium Compounds: Hexavalent only | 0.00E+00            | 0.00E+00                             | 3.97E-04            | 1.24E-06                             | 1.78E-03            | 5.55E-06                             | 6.54E-05            | 2.05E-07                             | 2.24E-03            | 7.00E-06                             |
| West Virginia | Cabell County      | 54011 | U              | Chromium Compounds: Hexavalent only | 0.00E+00            | 0.00E+00                             | 9.59E-03            | 3.46E-05                             | 1.90E-03            | 6.83E-06                             | 1.03E-03            | 3.70E-06                             | 1.25E-02            | 4.51E-05                             |
| West Virginia | Hancock County     | 54029 | U              | Chromium Compounds: Hexavalent only | 1.30E-03            | 1.51E-05                             | 9.26E-03            | 1.07E-04                             | 4.80E-04            | 5.55E-06                             | 1.77E-04            | 2.05E-06                             | 1.12E-02            | 1.30E-04                             |
| West Virginia | Jefferson County   | 54037 | U              | Chromium Compounds: Hexavalent only | 0.00E+00            | 0.00E+00                             | 4.66E-03            | 2.23E-05                             | 6.50E-04            | 3.11E-06                             | 8.42E-05            | 4.02E-07                             | 5.39E-03            | 2.58E-05                             |
| West Virginia | Kanawha County     | 54039 | U              | Chromium Compounds: Hexavalent only | 1.17E-02            | 1.30E-05                             | 6.99E-03            | 7.72E-06                             | 5.10E-03            | 5.63E-06                             | 1.86E-04            | 2.06E-07                             | 2.40E-02            | 2.65E-05                             |
| West Virginia | Ohio County        | 54069 | U              | Chromium Compounds: Hexavalent only | 0.00E+00            | 0.00E+00                             | 4.11E-04            | 3.98E-06                             | 8.50E-04            | 8.23E-06                             | 2.51E-04            | 2.43E-06                             | 1.51E-03            | 1.46E-05                             |
| West Virginia | Putnam County      | 54079 | U              | Chromium Compounds: Hexavalent only | 2.44E-01            | 7.05E-04                             | 7.44E-02            | 2.14E-04                             | 1.03E-03            | 2.96E-06                             | 1.34E-04            | 3.87E-07                             | 3.20E-01            | 9.22E-04                             |
| West Virginia | Wayne County       | 54099 | U              | Chromium Compounds: Hexavalent only | 0.00E+00            | 0.00E+00                             | 4.43E-03            | 8.44E-06                             | 6.30E-04            | 1.20E-06                             | 1.44E-04            | 2.75E-07                             | 5.21E-03            | 9.91E-06                             |
| West Virginia | Wood County        | 54107 | U              | Chromium Compounds: Hexavalent only | 2.74E-03            | 7.30E-06                             | 1.31E-03            | 3.51E-06                             | 1.90E-03            | 5.06E-06                             | 3.33E-04            | 8.89E-07                             | 6.28E-03            | 1.68E-05                             |
| West Virginia | All Urban Counties | N/A   | U              | Coke Oven Emissions                 | 0.00E+00            | 0.00E+00                             |
| West Virginia | Berkeley County    | 54003 | U              | Coke Oven Emissions                 | 0.00E+00            | 0.00E+00                             |
| West Virginia | Cabell County      | 54011 | U              | Coke Oven Emissions                 | 0.00E+00            | 0.00E+00                             |
| West Virginia | Hancock County     | 54029 | U              | Coke Oven Emissions                 | 0.00E+00            | 0.00E+00                             |
| West Virginia | Jefferson County   | 54037 | U              | Coke Oven Emissions                 | 0.00E+00            | 0.00E+00                             |
| West Virginia | Kanawha County     | 54039 | U              | Coke Oven Emissions                 | 0.00E+00            | 0.00E+00                             |
| West Virginia | Ohio County        | 54069 | U              | Coke Oven Emissions                 | 0.00E+00            | 0.00E+00                             |
| West Virginia | Putnam County      | 54079 | U              | Coke Oven Emissions                 | 0.00E+00            | 0.00E+00                             |
| West Virginia | Wayne County       | 54099 | U              | Coke Oven Emissions                 | 0.00E+00            | 0.00E+00                             |
| West Virginia | Wood County        | 54107 | U              | Coke Oven Emissions                 | 0.00E+00            | 0.00E+00                             |
| West Virginia | All Urban Counties | N/A   | U              | 1,4-Dichlorobenzene                 | 2.66E-02            | 8.44E-06                             | 2.82E+01            | 8.97E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.83E+01            | 8.98E-03                             |
| West Virginia | Berkeley County    | 54003 | U              | 1,4-Dichlorobenzene                 | 0.00E+00            | 0.00E+00                             | 3.17E+00            | 9.91E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.17E+00            | 9.91E-03                             |
| West Virginia | Cabell County      | 54011 | U              | 1,4-Dichlorobenzene                 | 0.00E+00            | 0.00E+00                             | 4.03E+00            | 1.45E-02                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.03E+00            | 1.45E-02                             |
| West Virginia | Hancock County     | 54029 | U              | 1,4-Dichlorobenzene                 | 0.00E+00            | 0.00E+00                             | 1.36E+00            | 1.57E-02                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.36E+00            | 1.57E-02                             |
| West Virginia | Jefferson County   | 54037 | U              | 1,4-Dichlorobenzene                 | 0.00E+00            | 0.00E+00                             | 1.76E+00            | 8.40E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.76E+00            | 8.40E-03                             |
| West Virginia | Kanawha County     | 54039 | U              | 1,4-Dichlorobenzene                 | 3.72E-04            | 4.10E-07                             | 8.34E+00            | 9.21E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 8.34E+00            | 9.21E-03                             |
| West Virginia | Ohio County        | 54069 | U              | 1,4-Dichlorobenzene                 | 2.62E-02            | 2.54E-04                             | 1.98E+00            | 1.92E-02                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.01E+00            | 1.94E-02                             |
| West Virginia | Putnam County      | 54079 | U              | 1,4-Dichlorobenzene                 | 0.00E+00            | 0.00E+00                             | 2.16E+00            | 6.22E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.16E+00            | 6.22E-03                             |
| West Virginia | Wayne County       | 54099 | U              | 1,4-Dichlorobenzene                 | 0.00E+00            | 0.00E+00                             | 1.79E+00            | 3.40E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.79E+00            | 3.40E-03                             |
| West Virginia | Wood County        | 54107 | U              | 1,4-Dichlorobenzene                 | 0.00E+00            | 0.00E+00                             | 3.67E+00            | 9.79E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.67E+00            | 9.79E-03                             |
| West Virginia | All Urban Counties | N/A   | U              | 1,3-Dichloropropene                 | 0.00E+00            | 0.00E+00                             | 5.42E+01            | 1.72E-02                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.42E+01            | 1.72E-02                             |
| West Virginia | Berkeley County    | 54003 | U              | 1,3-Dichloropropene                 | 0.00E+00            | 0.00E+00                             | 6.07E+00            | 1.90E-02                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.07E+00            | 1.90E-02                             |
| West Virginia | Cabell County      | 54011 | U              | 1,3-Dichloropropene                 | 0.00E+00            | 0.00E+00                             | 7.74E+00            | 2.79E-02                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 7.74E+00            | 2.79E-02                             |
| West Virginia | Hancock County     | 54029 | U              | 1,3-Dichloropropene                 | 0.00E+00            | 0.00E+00                             | 2.61E+00            | 3.02E-02                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.61E+00            | 3.02E-02                             |
| West Virginia | Jefferson County   | 54037 | U              | 1,3-Dichloropropene                 | 0.00E+00            | 0.00E+00                             | 3.38E+00            | 1.61E-02                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.38E+00            | 1.61E-02                             |
| West Virginia | Kanawha County     | 54039 | U              | 1,3-Dichloropropene                 | 0.00E+00            | 0.00E+00                             | 1.60E+01            | 1.77E-02                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.60E+01            | 1.77E-02                             |
| West Virginia | Ohio County        | 54069 | U              | 1,3-Dichloropropene                 | 0.00E+00            | 0.00E+00                             | 3.79E+00            | 3.67E-02                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.79E+00            | 3.67E-02                             |
| West Virginia | Putnam County      | 54079 | U              | 1,3-Dichloropropene                 | 0.00E+00            | 0.00E+00                             | 4.13E+00            | 1.19E-02                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.13E+00            | 1.19E-02                             |
| West Virginia | Wayne County       | 54099 | U              | 1,3-Dichloropropene                 | 0.00E+00            | 0.00E+00                             | 3.43E+00            | 6.53E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.43E+00            | 6.53E-03                             |

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| State         | County             | FIPS  | Urban or Rural | Pollutant              | Major               |                                      | Area and Other      |                                      | Onroad Mobile       |                                      | Nonroad Mobile      |                                      | Total               |                                      |
|---------------|--------------------|-------|----------------|------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|
|               |                    |       |                |                        | Emissions (tons/yr) | Emissions Density (tons/yr/sq. mile) |
| West Virginia | Wood County        | 54107 | U              | 1,3-Dichloropropene    | 0.00E+00            | 0.00E+00                             | 7.04E+00            | 1.88E-02                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 7.04E+00            | 1.88E-02                             |
| West Virginia | All Urban Counties | N/A   | U              | Ethylene Dibromide     | 1.87E-04            | 5.94E-08                             | 4.75E-04            | 1.51E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.62E-04            | 2.10E-07                             |
| West Virginia | Berkeley County    | 54003 | U              | Ethylene Dibromide     | 0.00E+00            | 0.00E+00                             | 7.15E-05            | 2.24E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 7.15E-05            | 2.24E-07                             |
| West Virginia | Cabell County      | 54011 | U              | Ethylene Dibromide     | 0.00E+00            | 0.00E+00                             | 7.64E-05            | 2.75E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 7.64E-05            | 2.75E-07                             |
| West Virginia | Hancock County     | 54029 | U              | Ethylene Dibromide     | 0.00E+00            | 0.00E+00                             | 1.73E-05            | 2.00E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.73E-05            | 2.00E-07                             |
| West Virginia | Jefferson County   | 54037 | U              | Ethylene Dibromide     | 0.00E+00            | 0.00E+00                             | 5.41E-05            | 2.59E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.41E-05            | 2.59E-07                             |
| West Virginia | Kanawha County     | 54039 | U              | Ethylene Dibromide     | 0.00E+00            | 0.00E+00                             | 6.40E-05            | 7.07E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.40E-05            | 7.07E-08                             |
| West Virginia | Ohio County        | 54069 | U              | Ethylene Dibromide     | 1.59E-04            | 1.54E-06                             | 8.65E-05            | 8.38E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.46E-04            | 2.38E-06                             |
| West Virginia | Putnam County      | 54079 | U              | Ethylene Dibromide     | 0.00E+00            | 0.00E+00                             | 5.88E-05            | 1.70E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.88E-05            | 1.70E-07                             |
| West Virginia | Wayne County       | 54099 | U              | Ethylene Dibromide     | 0.00E+00            | 0.00E+00                             | 2.73E-06            | 5.20E-09                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.73E-06            | 5.20E-09                             |
| West Virginia | Wood County        | 54107 | U              | Ethylene Dibromide     | 2.76E-05            | 7.36E-08                             | 4.38E-05            | 1.17E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 7.14E-05            | 1.91E-07                             |
| West Virginia | All Urban Counties | N/A   | U              | Ethylene Dichloride    | 1.93E-01            | 6.14E-05                             | 8.02E-02            | 2.55E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.74E-01            | 8.69E-05                             |
| West Virginia | Berkeley County    | 54003 | U              | Ethylene Dichloride    | 0.00E+00            | 0.00E+00                             | 1.11E-02            | 3.49E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.11E-02            | 3.49E-05                             |
| West Virginia | Cabell County      | 54011 | U              | Ethylene Dichloride    | 0.00E+00            | 0.00E+00                             | 1.04E-02            | 3.74E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.04E-02            | 3.74E-05                             |
| West Virginia | Hancock County     | 54029 | U              | Ethylene Dichloride    | 1.91E-03            | 2.21E-05                             | 5.54E-04            | 6.40E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.47E-03            | 2.85E-05                             |
| West Virginia | Jefferson County   | 54037 | U              | Ethylene Dichloride    | 0.00E+00            | 0.00E+00                             | 2.20E-03            | 1.05E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.20E-03            | 1.05E-05                             |
| West Virginia | Kanawha County     | 54039 | U              | Ethylene Dichloride    | 1.68E-02            | 1.86E-05                             | 1.65E-02            | 1.82E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.33E-02            | 3.68E-05                             |
| West Virginia | Ohio County        | 54069 | U              | Ethylene Dichloride    | 3.44E-02            | 3.33E-04                             | 1.44E-02            | 1.39E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.88E-02            | 4.72E-04                             |
| West Virginia | Putnam County      | 54079 | U              | Ethylene Dichloride    | 1.39E-01            | 4.01E-04                             | 1.29E-02            | 3.71E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.52E-01            | 4.38E-04                             |
| West Virginia | Wayne County       | 54099 | U              | Ethylene Dichloride    | 0.00E+00            | 0.00E+00                             | 2.14E-03            | 4.08E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.14E-03            | 4.08E-06                             |
| West Virginia | Wood County        | 54107 | U              | Ethylene Dichloride    | 1.06E-03            | 2.82E-06                             | 1.01E-02            | 2.70E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.12E-02            | 2.98E-05                             |
| West Virginia | All Urban Counties | N/A   | U              | Ethylene Oxide         | 6.55E+00            | 2.08E-03                             | 6.34E+00            | 2.02E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.29E+01            | 4.10E-03                             |
| West Virginia | Berkeley County    | 54003 | U              | Ethylene Oxide         | 0.00E+00            | 0.00E+00                             | 6.69E-01            | 2.09E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.69E-01            | 2.09E-03                             |
| West Virginia | Cabell County      | 54011 | U              | Ethylene Oxide         | 0.00E+00            | 0.00E+00                             | 9.46E-01            | 3.41E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 9.46E-01            | 3.41E-03                             |
| West Virginia | Hancock County     | 54029 | U              | Ethylene Oxide         | 0.00E+00            | 0.00E+00                             | 2.49E-01            | 2.88E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.49E-01            | 2.88E-03                             |
| West Virginia | Jefferson County   | 54037 | U              | Ethylene Oxide         | 0.00E+00            | 0.00E+00                             | 3.40E-01            | 1.63E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.40E-01            | 1.63E-03                             |
| West Virginia | Kanawha County     | 54039 | U              | Ethylene Oxide         | 6.55E+00            | 7.23E-03                             | 1.92E+00            | 2.12E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 8.46E+00            | 9.35E-03                             |
| West Virginia | Ohio County        | 54069 | U              | Ethylene Oxide         | 0.00E+00            | 0.00E+00                             | 5.44E-01            | 5.27E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.44E-01            | 5.27E-03                             |
| West Virginia | Putnam County      | 54079 | U              | Ethylene Oxide         | 0.00E+00            | 0.00E+00                             | 4.11E-01            | 1.18E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.11E-01            | 1.18E-03                             |
| West Virginia | Wayne County       | 54099 | U              | Ethylene Oxide         | 0.00E+00            | 0.00E+00                             | 4.20E-01            | 7.99E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.20E-01            | 7.99E-04                             |
| West Virginia | Wood County        | 54107 | U              | Ethylene Oxide         | 0.00E+00            | 0.00E+00                             | 8.49E-01            | 2.27E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 8.49E-01            | 2.27E-03                             |
| West Virginia | All Urban Counties | N/A   | U              | Formaldehyde - Primary | 2.38E+01            | 7.56E-03                             | 1.20E+02            | 3.80E-02                             | 2.17E+02            | 6.90E-02                             | 1.28E+02            | 4.06E-02                             | 4.89E+02            | 1.55E-01                             |
| West Virginia | Berkeley County    | 54003 | U              | Formaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 5.07E+00            | 1.59E-02                             | 2.68E+01            | 8.38E-02                             | 4.94E+00            | 1.55E-02                             | 3.68E+01            | 1.15E-01                             |
| West Virginia | Cabell County      | 54011 | U              | Formaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 5.89E+00            | 2.12E-02                             | 2.88E+01            | 1.04E-01                             | 4.29E+01            | 1.55E-01                             | 7.76E+01            | 2.80E-01                             |
| West Virginia | Hancock County     | 54029 | U              | Formaldehyde - Primary | 3.45E-02            | 3.99E-04                             | 1.26E+00            | 1.46E-02                             | 7.93E+00            | 9.18E-02                             | 7.91E+00            | 9.15E-02                             | 1.71E+01            | 1.98E-01                             |
| West Virginia | Jefferson County   | 54037 | U              | Formaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 3.03E+00            | 1.45E-02                             | 1.02E+01            | 4.89E-02                             | 4.96E+00            | 2.37E-02                             | 1.82E+01            | 8.71E-02                             |
| West Virginia | Kanawha County     | 54039 | U              | Formaldehyde - Primary | 1.88E-01            | 2.08E-04                             | 4.33E+01            | 4.78E-02                             | 7.59E+01            | 8.38E-02                             | 1.71E+01            | 1.89E-02                             | 1.37E+02            | 1.51E-01                             |
| West Virginia | Ohio County        | 54069 | U              | Formaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 1.97E+00            | 1.91E-02                             | 1.26E+01            | 1.22E-01                             | 1.12E+01            | 1.08E-01                             | 2.58E+01            | 2.50E-01                             |
| West Virginia | Putnam County      | 54079 | U              | Formaldehyde - Primary | 8.35E-01            | 2.41E-03                             | 7.76E+00            | 2.24E-02                             | 1.54E+01            | 4.45E-02                             | 1.19E+01            | 3.42E-02                             | 3.59E+01            | 1.03E-01                             |
| West Virginia | Wayne County       | 54099 | U              | Formaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 3.52E+01            | 6.69E-02                             | 1.00E+01            | 1.91E-02                             | 1.19E+01            | 2.26E-02                             | 5.71E+01            | 1.09E-01                             |
| West Virginia | Wood County        | 54107 | U              | Formaldehyde - Primary | 2.27E+01            | 6.07E-02                             | 1.63E+01            | 4.35E-02                             | 2.96E+01            | 7.89E-02                             | 1.50E+01            | 4.00E-02                             | 8.36E+01            | 2.23E-01                             |
| West Virginia | All Urban Counties | N/A   | U              | Hexachlorobenzene      | 0.00E+00            | 0.00E+00                             | 1.07E-03            | 3.41E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.07E-03            | 3.41E-07                             |
| West Virginia | Berkeley County    | 54003 | U              | Hexachlorobenzene      | 0.00E+00            | 0.00E+00                             | 2.10E-04            | 6.58E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.10E-04            | 6.58E-07                             |
| West Virginia | Cabell County      | 54011 | U              | Hexachlorobenzene      | 0.00E+00            | 0.00E+00                             | 9.91E-05            | 3.57E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 9.91E-05            | 3.57E-07                             |
| West Virginia | Hancock County     | 54029 | U              | Hexachlorobenzene      | 0.00E+00            | 0.00E+00                             | 4.98E-05            | 5.76E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.98E-05            | 5.76E-07                             |
| West Virginia | Jefferson County   | 54037 | U              | Hexachlorobenzene      | 0.00E+00            | 0.00E+00                             | 1.40E-04            | 6.68E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.40E-04            | 6.68E-07                             |
| West Virginia | Kanawha County     | 54039 | U              | Hexachlorobenzene      | 0.00E+00            | 0.00E+00                             | 2.17E-04            | 2.39E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.17E-04            | 2.39E-07                             |
| West Virginia | Ohio County        | 54069 | U              | Hexachlorobenzene      | 0.00E+00            | 0.00E+00                             | 3.75E-05            | 3.64E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.75E-05            | 3.64E-07                             |
| West Virginia | Putnam County      | 54079 | U              | Hexachlorobenzene      | 0.00E+00            | 0.00E+00                             | 9.54E-05            | 2.75E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 9.54E-05            | 2.75E-07                             |
| West Virginia | Wayne County       | 54099 | U              | Hexachlorobenzene      | 0.00E+00            | 0.00E+00                             | 1.12E-04            | 2.13E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.12E-04            | 2.13E-07                             |
| West Virginia | Wood County        | 54107 | U              | Hexachlorobenzene      | 0.00E+00            | 0.00E+00                             | 1.13E-04            | 3.03E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.13E-04            | 3.03E-07                             |
| West Virginia | All Urban Counties | N/A   | U              | Hexachlorobutadiene    | 0.00E+00            | 0.00E+00                             | 1.23E-04            | 3.90E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.23E-04            | 3.90E-08                             |
| West Virginia | Berkeley County    | 54003 | U              | Hexachlorobutadiene    | 0.00E+00            | 0.00E+00                             | 1.34E-05            | 4.18E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.34E-05            | 4.18E-08                             |
| West Virginia | Cabell County      | 54011 | U              | Hexachlorobutadiene    | 0.00E+00            | 0.00E+00                             | 1.72E-05            | 6.19E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.72E-05            | 6.19E-08                             |

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| State         | County             | FIPS  | Urban or Rural | Pollutant                  | Major               |                                      | Area and Other      |                                      | Onroad Mobile       |                                      | Nonroad Mobile      |                                      | Total               |                                      |
|---------------|--------------------|-------|----------------|----------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|
|               |                    |       |                |                            | Emissions (tons/yr) | Emissions Density (tons/yr/sq. mile) |
| West Virginia | Hancock County     | 54029 | U              | Hexachlorobutadiene        | 0.00E+00            | 0.00E+00                             | 6.19E-06            | 7.16E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.19E-06            | 7.16E-08                             |
| West Virginia | Jefferson County   | 54037 | U              | Hexachlorobutadiene        | 0.00E+00            | 0.00E+00                             | 7.75E-06            | 3.71E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 7.75E-06            | 3.71E-08                             |
| West Virginia | Kanawha County     | 54039 | U              | Hexachlorobutadiene        | 0.00E+00            | 0.00E+00                             | 3.65E-05            | 4.04E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.65E-05            | 4.04E-08                             |
| West Virginia | Ohio County        | 54069 | U              | Hexachlorobutadiene        | 0.00E+00            | 0.00E+00                             | 8.75E-06            | 8.47E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 8.75E-06            | 8.47E-08                             |
| West Virginia | Putnam County      | 54079 | U              | Hexachlorobutadiene        | 0.00E+00            | 0.00E+00                             | 9.52E-06            | 2.75E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 9.52E-06            | 2.75E-08                             |
| West Virginia | Wayne County       | 54099 | U              | Hexachlorobutadiene        | 0.00E+00            | 0.00E+00                             | 7.68E-06            | 1.46E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 7.68E-06            | 1.46E-08                             |
| West Virginia | Wood County        | 54107 | U              | Hexachlorobutadiene        | 0.00E+00            | 0.00E+00                             | 1.58E-05            | 4.23E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.58E-05            | 4.23E-08                             |
| West Virginia | All Urban Counties | N/A   | U              | Hexamethylene Diisocyanate | 0.00E+00            | 0.00E+00                             |
| West Virginia | Berkeley County    | 54003 | U              | Hexamethylene Diisocyanate | 0.00E+00            | 0.00E+00                             |
| West Virginia | Cabell County      | 54011 | U              | Hexamethylene Diisocyanate | 0.00E+00            | 0.00E+00                             |
| West Virginia | Hancock County     | 54029 | U              | Hexamethylene Diisocyanate | 0.00E+00            | 0.00E+00                             |
| West Virginia | Jefferson County   | 54037 | U              | Hexamethylene Diisocyanate | 0.00E+00            | 0.00E+00                             |
| West Virginia | Kanawha County     | 54039 | U              | Hexamethylene Diisocyanate | 0.00E+00            | 0.00E+00                             |
| West Virginia | Ohio County        | 54069 | U              | Hexamethylene Diisocyanate | 0.00E+00            | 0.00E+00                             |
| West Virginia | Putnam County      | 54079 | U              | Hexamethylene Diisocyanate | 0.00E+00            | 0.00E+00                             |
| West Virginia | Wayne County       | 54099 | U              | Hexamethylene Diisocyanate | 0.00E+00            | 0.00E+00                             |
| West Virginia | Wood County        | 54107 | U              | Hexamethylene Diisocyanate | 0.00E+00            | 0.00E+00                             |
| West Virginia | All Urban Counties | N/A   | U              | Hydrazine                  | 0.00E+00            | 0.00E+00                             | 7.42E-05            | 2.36E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 7.42E-05            | 2.36E-08                             |
| West Virginia | Berkeley County    | 54003 | U              | Hydrazine                  | 0.00E+00            | 0.00E+00                             | 1.33E-05            | 4.17E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.33E-05            | 4.17E-08                             |
| West Virginia | Cabell County      | 54011 | U              | Hydrazine                  | 0.00E+00            | 0.00E+00                             | 1.79E-05            | 6.45E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.79E-05            | 6.45E-08                             |
| West Virginia | Hancock County     | 54029 | U              | Hydrazine                  | 0.00E+00            | 0.00E+00                             | 9.13E-06            | 1.06E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 9.13E-06            | 1.06E-07                             |
| West Virginia | Jefferson County   | 54037 | U              | Hydrazine                  | 0.00E+00            | 0.00E+00                             | 2.85E-05            | 1.36E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.85E-05            | 1.36E-07                             |
| West Virginia | Kanawha County     | 54039 | U              | Hydrazine                  | 0.00E+00            | 0.00E+00                             |
| West Virginia | Ohio County        | 54069 | U              | Hydrazine                  | 0.00E+00            | 0.00E+00                             | 5.33E-06            | 5.16E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.33E-06            | 5.16E-08                             |
| West Virginia | Putnam County      | 54079 | U              | Hydrazine                  | 0.00E+00            | 0.00E+00                             |
| West Virginia | Wayne County       | 54099 | U              | Hydrazine                  | 0.00E+00            | 0.00E+00                             |
| West Virginia | Wood County        | 54107 | U              | Hydrazine                  | 0.00E+00            | 0.00E+00                             |
| West Virginia | All Urban Counties | N/A   | U              | Lead Compounds             | 2.58E+00            | 8.21E-04                             | 2.77E+00            | 8.80E-04                             | 0.00E+00            | 0.00E+00                             | 1.58E+00            | 5.03E-04                             | 6.94E+00            | 2.20E-03                             |
| West Virginia | Berkeley County    | 54003 | U              | Lead Compounds             | 0.00E+00            | 0.00E+00                             | 9.59E-02            | 3.00E-04                             | 0.00E+00            | 0.00E+00                             | 2.12E-01            | 6.62E-04                             | 3.08E-01            | 9.62E-04                             |
| West Virginia | Cabell County      | 54011 | U              | Lead Compounds             | 0.00E+00            | 0.00E+00                             | 3.09E-01            | 1.11E-03                             | 0.00E+00            | 0.00E+00                             | 1.52E-02            | 5.47E-05                             | 3.24E-01            | 1.17E-03                             |
| West Virginia | Hancock County     | 54029 | U              | Lead Compounds             | 4.66E-03            | 5.39E-05                             | 3.14E-02            | 3.63E-04                             | 0.00E+00            | 0.00E+00                             | 2.04E-03            | 2.35E-05                             | 3.81E-02            | 4.41E-04                             |
| West Virginia | Jefferson County   | 54037 | U              | Lead Compounds             | 0.00E+00            | 0.00E+00                             | 1.18E-01            | 5.63E-04                             | 0.00E+00            | 0.00E+00                             | 2.52E-03            | 1.20E-05                             | 1.20E-01            | 5.75E-04                             |
| West Virginia | Kanawha County     | 54039 | U              | Lead Compounds             | 2.76E-01            | 3.05E-04                             | 7.55E-01            | 8.34E-04                             | 0.00E+00            | 0.00E+00                             | 4.82E-01            | 5.33E-04                             | 1.51E+00            | 1.67E-03                             |
| West Virginia | Ohio County        | 54069 | U              | Lead Compounds             | 0.00E+00            | 0.00E+00                             | 2.96E-02            | 2.87E-04                             | 0.00E+00            | 0.00E+00                             | 2.23E-01            | 2.16E-03                             | 2.52E-01            | 2.44E-03                             |
| West Virginia | Putnam County      | 54079 | U              | Lead Compounds             | 2.30E+00            | 6.62E-03                             | 7.60E-02            | 2.19E-04                             | 0.00E+00            | 0.00E+00                             | 1.58E-03            | 4.56E-06                             | 2.37E+00            | 6.85E-03                             |
| West Virginia | Wayne County       | 54099 | U              | Lead Compounds             | 0.00E+00            | 0.00E+00                             | 1.76E-02            | 3.35E-05                             | 0.00E+00            | 0.00E+00                             | 3.63E-01            | 6.91E-04                             | 3.81E-01            | 7.24E-04                             |
| West Virginia | Wood County        | 54107 | U              | Lead Compounds             | 6.78E-03            | 1.81E-05                             | 1.34E+00            | 3.57E-03                             | 0.00E+00            | 0.00E+00                             | 2.84E-01            | 7.57E-04                             | 1.63E+00            | 4.35E-03                             |
| West Virginia | All Urban Counties | N/A   | U              | Manganese Compounds        | 3.45E+00            | 1.10E-03                             | 1.91E+00            | 6.08E-04                             | 1.22E-02            | 3.88E-06                             | 1.42E-02            | 4.51E-06                             | 5.39E+00            | 1.71E-03                             |
| West Virginia | Berkeley County    | 54003 | U              | Manganese Compounds        | 0.00E+00            | 0.00E+00                             | 3.20E-03            | 1.00E-05                             | 1.50E-03            | 4.69E-06                             | 1.20E-04            | 3.76E-07                             | 4.82E-03            | 1.51E-05                             |
| West Virginia | Cabell County      | 54011 | U              | Manganese Compounds        | 0.00E+00            | 0.00E+00                             | 1.08E+00            | 3.90E-03                             | 1.63E-03            | 5.86E-06                             | 7.23E-03            | 2.61E-05                             | 1.09E+00            | 3.93E-03                             |
| West Virginia | Hancock County     | 54029 | U              | Manganese Compounds        | 7.05E-03            | 8.15E-05                             | 6.59E-01            | 7.63E-03                             | 4.10E-04            | 4.74E-06                             | 1.22E-03            | 1.42E-05                             | 6.68E-01            | 7.73E-03                             |
| West Virginia | Jefferson County   | 54037 | U              | Manganese Compounds        | 0.00E+00            | 0.00E+00                             | 1.06E-02            | 5.05E-05                             | 5.55E-04            | 2.65E-06                             | 1.31E-04            | 6.24E-07                             | 1.12E-02            | 5.37E-05                             |
| West Virginia | Kanawha County     | 54039 | U              | Manganese Compounds        | 1.30E-01            | 1.44E-04                             | 2.79E-02            | 3.08E-05                             | 4.37E-03            | 4.82E-06                             | 4.56E-04            | 5.04E-07                             | 1.63E-01            | 1.80E-04                             |
| West Virginia | Ohio County        | 54069 | U              | Manganese Compounds        | 0.00E+00            | 0.00E+00                             | 2.12E-03            | 2.06E-05                             | 7.30E-04            | 7.07E-06                             | 1.80E-03            | 1.74E-05                             | 4.65E-03            | 4.51E-05                             |
| West Virginia | Putnam County      | 54079 | U              | Manganese Compounds        | 3.30E+00            | 9.53E-03                             | 7.49E-03            | 2.16E-05                             | 8.80E-04            | 2.54E-06                             | 4.01E-04            | 1.16E-06                             | 3.31E+00            | 9.56E-03                             |
| West Virginia | Wayne County       | 54099 | U              | Manganese Compounds        | 0.00E+00            | 0.00E+00                             | 1.34E-02            | 2.55E-05                             | 5.30E-04            | 1.01E-06                             | 7.06E-04            | 1.34E-06                             | 1.46E-02            | 2.78E-05                             |
| West Virginia | Wood County        | 54107 | U              | Manganese Compounds        | 7.39E-03            | 1.97E-05                             | 1.09E-01            | 2.91E-04                             | 1.62E-03            | 4.33E-06                             | 2.12E-03            | 5.66E-06                             | 1.20E-01            | 3.21E-04                             |
| West Virginia | All Urban Counties | N/A   | U              | Mercury Compounds          | 1.76E-03            | 5.61E-07                             | 1.06E-01            | 3.37E-05                             | 6.40E-02            | 2.03E-05                             | 2.04E-02            | 6.47E-06                             | 1.92E-01            | 6.10E-05                             |
| West Virginia | Berkeley County    | 54003 | U              | Mercury Compounds          | 0.00E+00            | 0.00E+00                             | 2.52E-02            | 7.90E-05                             | 9.43E-03            | 2.95E-05                             | 1.19E-03            | 3.72E-06                             | 3.59E-02            | 1.12E-04                             |
| West Virginia | Cabell County      | 54011 | U              | Mercury Compounds          | 0.00E+00            | 0.00E+00                             | 7.36E-03            | 2.65E-05                             | 7.70E-03            | 2.77E-05                             | 6.25E-03            | 2.25E-05                             | 2.13E-02            | 7.68E-05                             |
| West Virginia | Hancock County     | 54029 | U              | Mercury Compounds          | 2.58E-04            | 2.98E-06                             | 4.20E-04            | 4.86E-06                             | 2.21E-03            | 2.56E-05                             | 1.19E-03            | 1.38E-05                             | 4.08E-03            | 4.72E-05                             |
| West Virginia | Jefferson County   | 54037 | U              | Mercury Compounds          | 0.00E+00            | 0.00E+00                             | 1.79E-03            | 8.55E-06                             | 3.86E-03            | 1.84E-05                             | 1.38E-03            | 6.61E-06                             | 7.03E-03            | 3.36E-05                             |
| West Virginia | Kanawha County     | 54039 | U              | Mercury Compounds          | 1.51E-04            | 1.67E-07                             | 5.01E-02            | 5.54E-05                             | 2.09E-02            | 2.31E-05                             | 2.59E-03            | 2.86E-06                             | 7.38E-02            | 8.15E-05                             |
| West Virginia | Ohio County        | 54069 | U              | Mercury Compounds          | 4.97E-05            | 4.81E-07                             | 1.02E-02            | 9.84E-05                             | 3.31E-03            | 3.20E-05                             | 1.64E-03            | 1.59E-05                             | 1.52E-02            | 1.47E-04                             |

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| State         | County             | FIPS  | Urban or Rural | Pollutant                 | Major               |                                      | Area and Other      |                                      | Onroad Mobile       |                                      | Nonroad Mobile      |                                      | Total               |                                      |
|---------------|--------------------|-------|----------------|---------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|
|               |                    |       |                |                           | Emissions (tons/yr) | Emissions Density (tons/yr/sq. mile) |
| West Virginia | Putnam County      | 54079 | U              | Mercury Compounds         | 4.83E-05            | 1.39E-07                             | 2.71E-03            | 7.80E-06                             | 4.65E-03            | 1.34E-05                             | 2.05E-03            | 5.92E-06                             | 9.46E-03            | 2.73E-05                             |
| West Virginia | Wayne County       | 54099 | U              | Mercury Compounds         | 0.00E+00            | 0.00E+00                             | 6.68E-03            | 1.27E-05                             | 3.24E-03            | 6.16E-06                             | 1.96E-03            | 3.74E-06                             | 1.19E-02            | 2.26E-05                             |
| West Virginia | Wood County        | 54107 | U              | Mercury Compounds         | 1.26E-03            | 3.36E-06                             | 1.55E-03            | 4.14E-06                             | 8.67E-03            | 2.31E-05                             | 2.10E-03            | 5.60E-06                             | 1.36E-02            | 3.62E-05                             |
| West Virginia | All Urban Counties | N/A   | U              | Methylene Chloride        | 8.42E+00            | 2.68E-03                             | 9.60E+01            | 3.05E-02                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.04E-02            | 3.32E-02                             |
| West Virginia | Berkeley County    | 54003 | U              | Methylene Chloride        | 0.00E+00            | 0.00E+00                             | 9.78E+00            | 3.06E-02                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 9.78E+00            | 3.06E-02                             |
| West Virginia | Cabell County      | 54011 | U              | Methylene Chloride        | 0.00E+00            | 0.00E+00                             | 1.50E+01            | 5.42E-02                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.50E+01            | 5.42E-02                             |
| West Virginia | Hancock County     | 54029 | U              | Methylene Chloride        | 1.39E-02            | 1.61E-04                             | 4.56E+00            | 5.28E-02                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.58E+00            | 5.30E-02                             |
| West Virginia | Jefferson County   | 54037 | U              | Methylene Chloride        | 0.00E+00            | 0.00E+00                             | 5.43E+00            | 2.60E-02                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.43E+00            | 2.60E-02                             |
| West Virginia | Kanawha County     | 54039 | U              | Methylene Chloride        | 1.13E-01            | 1.25E-04                             | 2.95E+01            | 3.26E-02                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.96E+01            | 3.27E-02                             |
| West Virginia | Ohio County        | 54069 | U              | Methylene Chloride        | 1.03E+00            | 9.98E-03                             | 6.97E+00            | 6.75E-02                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 8.00E+00            | 7.74E-02                             |
| West Virginia | Putnam County      | 54079 | U              | Methylene Chloride        | 1.01E+00            | 2.91E-03                             | 7.02E+00            | 2.03E-02                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 8.03E+00            | 2.32E-02                             |
| West Virginia | Wayne County       | 54099 | U              | Methylene Chloride        | 0.00E+00            | 0.00E+00                             | 5.61E+00            | 1.07E-02                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.61E+00            | 1.07E-02                             |
| West Virginia | Wood County        | 54107 | U              | Methylene Chloride        | 6.26E+00            | 1.67E-02                             | 1.20E+01            | 3.21E-02                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.83E+01            | 4.88E-02                             |
| West Virginia | All Urban Counties | N/A   | U              | Nickel Compounds          | 2.80E+00            | 8.91E-04                             | 1.83E+00            | 5.81E-04                             | 2.74E-02            | 8.69E-06                             | 3.13E-01            | 9.95E-05                             | 4.97E+00            | 1.58E-03                             |
| West Virginia | Berkeley County    | 54003 | U              | Nickel Compounds          | 0.00E+00            | 0.00E+00                             | 8.65E-03            | 2.71E-05                             | 3.43E-03            | 1.07E-05                             | 2.64E-04            | 8.25E-07                             | 1.23E-02            | 3.86E-05                             |
| West Virginia | Cabell County      | 54011 | U              | Nickel Compounds          | 0.00E+00            | 0.00E+00                             | 1.55E+00            | 5.59E-03                             | 3.58E-03            | 1.29E-05                             | 1.72E-01            | 6.20E-04                             | 1.73E+00            | 6.22E-03                             |
| West Virginia | Hancock County     | 54029 | U              | Nickel Compounds          | 2.71E-03            | 3.13E-05                             | 3.06E-02            | 3.55E-04                             | 9.45E-04            | 1.09E-05                             | 3.04E-02            | 3.51E-04                             | 6.47E-02            | 7.48E-04                             |
| West Virginia | Jefferson County   | 54037 | U              | Nickel Compounds          | 0.00E+00            | 0.00E+00                             | 1.09E-02            | 5.23E-05                             | 1.27E-03            | 6.05E-06                             | 3.14E-04            | 1.50E-06                             | 1.25E-02            | 5.99E-05                             |
| West Virginia | Kanawha County     | 54039 | U              | Nickel Compounds          | 1.18E-01            | 1.30E-04                             | 4.46E-02            | 4.92E-05                             | 9.73E-03            | 1.07E-05                             | 4.11E-03            | 4.54E-06                             | 1.76E-01            | 1.95E-04                             |
| West Virginia | Ohio County        | 54069 | U              | Nickel Compounds          | 0.00E+00            | 0.00E+00                             | 1.34E-01            | 1.30E-03                             | 1.62E-03            | 1.57E-05                             | 4.05E-02            | 3.92E-04                             | 1.76E-01            | 1.70E-03                             |
| West Virginia | Putnam County      | 54079 | U              | Nickel Compounds          | 2.68E+00            | 7.73E-03                             | 7.15E-03            | 2.06E-05                             | 1.96E-03            | 5.64E-06                             | 4.67E-03            | 1.35E-05                             | 2.69E+00            | 7.77E-03                             |
| West Virginia | Wayne County       | 54099 | U              | Nickel Compounds          | 0.00E+00            | 0.00E+00                             | 1.96E-02            | 3.73E-05                             | 1.22E-03            | 2.31E-06                             | 1.05E-02            | 1.99E-05                             | 3.13E-02            | 5.95E-05                             |
| West Virginia | Wood County        | 54107 | U              | Nickel Compounds          | 4.23E-03            | 1.13E-05                             | 2.41E-02            | 6.42E-05                             | 3.62E-03            | 9.65E-06                             | 5.07E-02            | 1.35E-04                             | 8.26E-02            | 2.20E-04                             |
| West Virginia | All Urban Counties | N/A   | U              | Perchloroethylene         | 7.01E-01            | 2.23E-04                             | 6.48E+01            | 2.06E-02                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.55E+01            | 2.08E-02                             |
| West Virginia | Berkeley County    | 54003 | U              | Perchloroethylene         | 0.00E+00            | 0.00E+00                             | 2.84E+00            | 8.90E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.84E+00            | 8.90E-03                             |
| West Virginia | Cabell County      | 54011 | U              | Perchloroethylene         | 0.00E+00            | 0.00E+00                             | 8.48E+00            | 3.06E-02                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 8.48E+00            | 3.06E-02                             |
| West Virginia | Hancock County     | 54029 | U              | Perchloroethylene         | 2.06E-03            | 2.38E-05                             | 1.98E+00            | 2.30E-02                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.99E+00            | 2.30E-02                             |
| West Virginia | Jefferson County   | 54037 | U              | Perchloroethylene         | 0.00E+00            | 0.00E+00                             | 2.34E+00            | 1.12E-02                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.34E+00            | 1.12E-02                             |
| West Virginia | Kanawha County     | 54039 | U              | Perchloroethylene         | 1.67E-02            | 1.85E-05                             | 1.56E+01            | 1.73E-02                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.57E+01            | 1.73E-02                             |
| West Virginia | Ohio County        | 54069 | U              | Perchloroethylene         | 5.25E-01            | 5.08E-03                             | 6.08E+00            | 5.89E-02                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.60E+00            | 6.39E-02                             |
| West Virginia | Putnam County      | 54079 | U              | Perchloroethylene         | 1.50E-01            | 4.31E-04                             | 5.91E+00            | 1.71E-02                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.06E+00            | 1.75E-02                             |
| West Virginia | Wayne County       | 54099 | U              | Perchloroethylene         | 0.00E+00            | 0.00E+00                             | 1.24E+01            | 2.36E-02                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.24E+01            | 2.36E-02                             |
| West Virginia | Wood County        | 54107 | U              | Perchloroethylene         | 8.36E-03            | 2.23E-05                             | 9.09E+00            | 2.43E-02                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 9.10E+00            | 2.43E-02                             |
| West Virginia | All Urban Counties | N/A   | U              | Polychlorinated Biphenyls | 2.06E-06            | 6.54E-10                             | 1.36E-01            | 4.32E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.36E-01            | 4.32E-05                             |
| West Virginia | Berkeley County    | 54003 | U              | Polychlorinated Biphenyls | 0.00E+00            | 0.00E+00                             | 2.64E-02            | 8.27E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.64E-02            | 8.27E-05                             |
| West Virginia | Cabell County      | 54011 | U              | Polychlorinated Biphenyls | 0.00E+00            | 0.00E+00                             | 1.26E-02            | 4.56E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.26E-02            | 4.56E-05                             |
| West Virginia | Hancock County     | 54029 | U              | Polychlorinated Biphenyls | 2.06E-06            | 2.38E-08                             | 6.37E-03            | 7.37E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.37E-03            | 7.37E-05                             |
| West Virginia | Jefferson County   | 54037 | U              | Polychlorinated Biphenyls | 0.00E+00            | 0.00E+00                             | 1.70E-02            | 8.14E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.70E-02            | 8.14E-05                             |
| West Virginia | Kanawha County     | 54039 | U              | Polychlorinated Biphenyls | 0.00E+00            | 0.00E+00                             | 2.81E-02            | 3.10E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.81E-02            | 3.10E-05                             |
| West Virginia | Ohio County        | 54069 | U              | Polychlorinated Biphenyls | 0.00E+00            | 0.00E+00                             | 4.66E-03            | 4.52E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.66E-03            | 4.52E-05                             |
| West Virginia | Putnam County      | 54079 | U              | Polychlorinated Biphenyls | 0.00E+00            | 0.00E+00                             | 1.21E-02            | 3.48E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.21E-02            | 3.48E-05                             |
| West Virginia | Wayne County       | 54099 | U              | Polychlorinated Biphenyls | 0.00E+00            | 0.00E+00                             | 1.44E-02            | 2.74E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.44E-02            | 2.74E-05                             |
| West Virginia | Wood County        | 54107 | U              | Polychlorinated Biphenyls | 0.00E+00            | 0.00E+00                             | 1.42E-02            | 3.80E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.42E-02            | 3.80E-05                             |
| West Virginia | All Urban Counties | N/A   | U              | Polycyclic Organic Matter | 1.76E+00            | 5.59E-04                             | 5.40E+01            | 1.72E-02                             | 1.41E+01            | 4.48E-03                             | 3.87E+00            | 1.23E-03                             | 7.37E+01            | 2.34E-02                             |
| West Virginia | Berkeley County    | 54003 | U              | Polycyclic Organic Matter | 0.00E+00            | 0.00E+00                             | 7.59E+00            | 2.37E-02                             | 1.73E+00            | 5.40E-03                             | 1.99E-01            | 6.24E-04                             | 9.51E+00            | 2.98E-02                             |
| West Virginia | Cabell County      | 54011 | U              | Polycyclic Organic Matter | 0.00E+00            | 0.00E+00                             | 4.67E+00            | 1.68E-02                             | 1.87E+00            | 6.75E-03                             | 8.91E-01            | 3.21E-03                             | 7.43E+00            | 2.68E-02                             |
| West Virginia | Hancock County     | 54029 | U              | Polycyclic Organic Matter | 1.04E+00            | 1.20E-02                             | 1.62E+00            | 1.88E-02                             | 5.02E-01            | 5.81E-03                             | 1.72E-01            | 1.99E-03                             | 3.34E+00            | 3.86E-02                             |
| West Virginia | Jefferson County   | 54037 | U              | Polycyclic Organic Matter | 0.00E+00            | 0.00E+00                             | 4.53E+00            | 2.17E-02                             | 6.41E-01            | 3.06E-03                             | 1.85E-01            | 8.87E-04                             | 5.36E+00            | 2.56E-02                             |
| West Virginia | Kanawha County     | 54039 | U              | Polycyclic Organic Matter | 6.49E-01            | 7.17E-04                             | 1.67E+01            | 1.84E-02                             | 4.99E+00            | 5.51E-03                             | 9.27E-01            | 1.02E-03                             | 2.33E+01            | 2.57E-02                             |
| West Virginia | Ohio County        | 54069 | U              | Polycyclic Organic Matter | 0.00E+00            | 0.00E+00                             | 2.23E+00            | 2.16E-02                             | 8.44E-01            | 8.17E-03                             | 2.90E-01            | 2.80E-03                             | 3.36E+00            | 3.26E-02                             |
| West Virginia | Putnam County      | 54079 | U              | Polycyclic Organic Matter | 6.62E-02            | 1.91E-04                             | 4.49E+00            | 1.30E-02                             | 1.00E+00            | 2.90E-03                             | 3.02E-01            | 8.72E-04                             | 5.86E+00            | 1.69E-02                             |
| West Virginia | Wayne County       | 54099 | U              | Polycyclic Organic Matter | 0.00E+00            | 0.00E+00                             | 5.74E+00            | 1.09E-02                             | 6.36E-01            | 1.21E-03                             | 4.18E-01            | 7.96E-04                             | 6.80E+00            | 1.29E-02                             |
| West Virginia | Wood County        | 54107 | U              | Polycyclic Organic Matter | 1.65E-03            | 4.40E-06                             | 6.44E+00            | 1.72E-02                             | 1.89E+00            | 5.05E-03                             | 4.86E-01            | 1.30E-03                             | 8.82E+00            | 2.35E-02                             |
| West Virginia | All Urban Counties | N/A   | U              | 7-PAH                     | 1.89E-03            | 5.99E-07                             | 1.17E+00            | 3.73E-04                             | 1.02E-01            | 3.23E-05                             | 6.74E-02            | 2.14E-05                             | 1.34E+00            | 4.27E-04                             |

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| State         | County             | FIPS  | Urban or Rural | Pollutant                 | Major               |                                      | Area and Other      |                                      | Onroad Mobile       |                                      | Nonroad Mobile      |                                      | Total               |                                      |
|---------------|--------------------|-------|----------------|---------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|
|               |                    |       |                |                           | Emissions (tons/yr) | Emissions Density (tons/yr/sq. mile) |
| West Virginia | Berkeley County    | 54003 | U              | 7-PAH                     | 0.00E+00            | 0.00E+00                             | 1.61E-01            | 5.05E-04                             | 1.34E-02            | 4.20E-05                             | 1.90E-03            | 5.95E-06                             | 1.77E-01            | 5.53E-04                             |
| West Virginia | Cabell County      | 54011 | U              | 7-PAH                     | 0.00E+00            | 0.00E+00                             | 1.09E-01            | 3.95E-04                             | 1.30E-02            | 4.70E-05                             | 2.57E-02            | 9.27E-05                             | 1.48E-01            | 5.34E-04                             |
| West Virginia | Hancock County     | 54029 | U              | 7-PAH                     | 3.39E-04            | 3.92E-06                             | 3.91E-02            | 4.52E-04                             | 3.39E-03            | 3.92E-05                             | 4.50E-03            | 5.21E-05                             | 4.73E-02            | 5.48E-04                             |
| West Virginia | Jefferson County   | 54037 | U              | 7-PAH                     | 0.00E+00            | 0.00E+00                             | 9.06E-02            | 4.33E-04                             | 5.16E-03            | 2.46E-05                             | 2.25E-03            | 1.08E-05                             | 9.80E-02            | 4.68E-04                             |
| West Virginia | Kanawha County     | 54039 | U              | 7-PAH                     | 1.60E-04            | 1.77E-07                             | 3.25E-01            | 3.59E-04                             | 3.55E-02            | 3.92E-05                             | 8.38E-03            | 9.26E-06                             | 3.69E-01            | 4.07E-04                             |
| West Virginia | Ohio County        | 54069 | U              | 7-PAH                     | 0.00E+00            | 0.00E+00                             | 3.81E-02            | 3.69E-04                             | 5.71E-03            | 5.53E-05                             | 6.01E-03            | 5.82E-05                             | 4.98E-02            | 4.82E-04                             |
| West Virginia | Putnam County      | 54079 | U              | 7-PAH                     | 1.35E-03            | 3.90E-06                             | 1.18E-01            | 3.39E-04                             | 7.21E-03            | 2.08E-05                             | 4.50E-03            | 1.30E-05                             | 1.31E-01            | 3.77E-04                             |
| West Virginia | Wayne County       | 54099 | U              | 7-PAH                     | 0.00E+00            | 0.00E+00                             | 1.72E-01            | 3.28E-04                             | 4.62E-03            | 8.80E-06                             | 4.82E-03            | 9.18E-06                             | 1.82E-01            | 3.46E-04                             |
| West Virginia | Wood County        | 54107 | U              | 7-PAH                     | 3.37E-05            | 8.99E-08                             | 1.19E-01            | 3.19E-04                             | 1.36E-02            | 3.63E-05                             | 9.33E-03            | 2.49E-05                             | 1.42E-01            | 3.80E-04                             |
| West Virginia | All Urban Counties | N/A   | U              | Propylene Dichloride      | 1.73E-02            | 5.48E-06                             | 3.84E-02            | 1.22E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.56E-02            | 1.77E-05                             |
| West Virginia | Berkeley County    | 54003 | U              | Propylene Dichloride      | 0.00E+00            | 0.00E+00                             | 5.50E-03            | 1.72E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.50E-03            | 1.72E-05                             |
| West Virginia | Cabell County      | 54011 | U              | Propylene Dichloride      | 0.00E+00            | 0.00E+00                             | 5.26E-03            | 1.90E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.26E-03            | 1.90E-05                             |
| West Virginia | Hancock County     | 54029 | U              | Propylene Dichloride      | 0.00E+00            | 0.00E+00                             | 2.93E-04            | 3.39E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.93E-04            | 3.39E-06                             |
| West Virginia | Jefferson County   | 54037 | U              | Propylene Dichloride      | 0.00E+00            | 0.00E+00                             | 7.25E-04            | 3.46E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 7.25E-04            | 3.46E-06                             |
| West Virginia | Kanawha County     | 54039 | U              | Propylene Dichloride      | 0.00E+00            | 0.00E+00                             | 7.53E-03            | 8.32E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 7.53E-03            | 8.32E-06                             |
| West Virginia | Ohio County        | 54069 | U              | Propylene Dichloride      | 1.73E-02            | 1.67E-04                             | 7.11E-03            | 6.88E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.44E-02            | 2.36E-04                             |
| West Virginia | Putnam County      | 54079 | U              | Propylene Dichloride      | 0.00E+00            | 0.00E+00                             | 6.53E-03            | 1.88E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.53E-03            | 1.88E-05                             |
| West Virginia | Wayne County       | 54099 | U              | Propylene Dichloride      | 0.00E+00            | 0.00E+00                             | 4.23E-04            | 8.05E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.23E-04            | 8.05E-07                             |
| West Virginia | Wood County        | 54107 | U              | Propylene Dichloride      | 0.00E+00            | 0.00E+00                             | 5.01E-03            | 1.34E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.01E-03            | 1.34E-05                             |
| West Virginia | All Urban Counties | N/A   | U              | Quinoline                 | 0.00E+00            | 0.00E+00                             | 1.19E-03            | 3.78E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.19E-03            | 3.78E-07                             |
| West Virginia | Berkeley County    | 54003 | U              | Quinoline                 | 0.00E+00            | 0.00E+00                             | 3.18E-05            | 9.96E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.18E-05            | 9.96E-08                             |
| West Virginia | Cabell County      | 54011 | U              | Quinoline                 | 0.00E+00            | 0.00E+00                             | 4.27E-05            | 1.54E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.27E-05            | 1.54E-07                             |
| West Virginia | Hancock County     | 54029 | U              | Quinoline                 | 0.00E+00            | 0.00E+00                             | 2.18E-05            | 2.52E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.18E-05            | 2.52E-07                             |
| West Virginia | Jefferson County   | 54037 | U              | Quinoline                 | 0.00E+00            | 0.00E+00                             | 6.82E-05            | 3.26E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.82E-05            | 3.26E-07                             |
| West Virginia | Kanawha County     | 54039 | U              | Quinoline                 | 0.00E+00            | 0.00E+00                             | 1.01E-03            | 1.12E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.01E-03            | 1.12E-06                             |
| West Virginia | Ohio County        | 54069 | U              | Quinoline                 | 0.00E+00            | 0.00E+00                             | 1.27E-05            | 1.23E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.27E-05            | 1.23E-07                             |
| West Virginia | Putnam County      | 54079 | U              | Quinoline                 | 0.00E+00            | 0.00E+00                             |
| West Virginia | Wayne County       | 54099 | U              | Quinoline                 | 0.00E+00            | 0.00E+00                             |
| West Virginia | Wood County        | 54107 | U              | Quinoline                 | 0.00E+00            | 0.00E+00                             |
| West Virginia | All Urban Counties | N/A   | U              | 1,1,2,2-Tetrachloroethane | 1.58E-01            | 5.02E-05                             | 3.19E-01            | 1.01E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.77E-01            | 1.52E-04                             |
| West Virginia | Berkeley County    | 54003 | U              | 1,1,2,2-Tetrachloroethane | 0.00E+00            | 0.00E+00                             | 4.59E-02            | 1.44E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.59E-02            | 1.44E-04                             |
| West Virginia | Cabell County      | 54011 | U              | 1,1,2,2-Tetrachloroethane | 0.00E+00            | 0.00E+00                             | 4.22E-02            | 1.52E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.22E-02            | 1.52E-04                             |
| West Virginia | Hancock County     | 54029 | U              | 1,1,2,2-Tetrachloroethane | 0.00E+00            | 0.00E+00                             | 1.70E-05            | 1.97E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.70E-05            | 1.97E-07                             |
| West Virginia | Jefferson County   | 54037 | U              | 1,1,2,2-Tetrachloroethane | 0.00E+00            | 0.00E+00                             | 2.30E-05            | 1.10E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.30E-05            | 1.10E-07                             |
| West Virginia | Kanawha County     | 54039 | U              | 1,1,2,2-Tetrachloroethane | 0.00E+00            | 0.00E+00                             | 6.35E-02            | 7.02E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.35E-02            | 7.02E-05                             |
| West Virginia | Ohio County        | 54069 | U              | 1,1,2,2-Tetrachloroethane | 1.58E-01            | 1.53E-03                             | 6.27E-02            | 6.07E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.21E-01            | 2.14E-03                             |
| West Virginia | Putnam County      | 54079 | U              | 1,1,2,2-Tetrachloroethane | 0.00E+00            | 0.00E+00                             | 5.84E-02            | 1.68E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.84E-02            | 1.68E-04                             |
| West Virginia | Wayne County       | 54099 | U              | 1,1,2,2-Tetrachloroethane | 0.00E+00            | 0.00E+00                             | 2.73E-03            | 5.19E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.73E-03            | 5.19E-06                             |
| West Virginia | Wood County        | 54107 | U              | 1,1,2,2-Tetrachloroethane | 0.00E+00            | 0.00E+00                             | 4.35E-02            | 1.16E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.35E-02            | 1.16E-04                             |
| West Virginia | All Urban Counties | N/A   | U              | Trichloroethylene         | 3.14E-01            | 9.99E-05                             | 1.29E+01            | 4.08E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.32E+01            | 4.18E-03                             |
| West Virginia | Berkeley County    | 54003 | U              | Trichloroethylene         | 0.00E+00            | 0.00E+00                             | 1.07E+00            | 3.35E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.07E+00            | 3.35E-03                             |
| West Virginia | Cabell County      | 54011 | U              | Trichloroethylene         | 0.00E+00            | 0.00E+00                             | 2.21E+00            | 7.96E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.21E+00            | 7.96E-03                             |
| West Virginia | Hancock County     | 54029 | U              | Trichloroethylene         | 0.00E+00            | 0.00E+00                             | 7.86E-01            | 9.09E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 7.86E-01            | 9.09E-03                             |
| West Virginia | Jefferson County   | 54037 | U              | Trichloroethylene         | 0.00E+00            | 0.00E+00                             | 5.44E-01            | 2.60E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.44E-01            | 2.60E-03                             |
| West Virginia | Kanawha County     | 54039 | U              | Trichloroethylene         | 0.00E+00            | 0.00E+00                             | 4.08E+00            | 4.51E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.08E+00            | 4.51E-03                             |
| West Virginia | Ohio County        | 54069 | U              | Trichloroethylene         | 3.14E-01            | 3.04E-03                             | 1.36E+00            | 1.32E-02                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.67E+00            | 1.62E-02                             |
| West Virginia | Putnam County      | 54079 | U              | Trichloroethylene         | 0.00E+00            | 0.00E+00                             | 6.19E-01            | 1.78E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.19E-01            | 1.78E-03                             |
| West Virginia | Wayne County       | 54099 | U              | Trichloroethylene         | 0.00E+00            | 0.00E+00                             | 3.52E-01            | 6.70E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.52E-01            | 6.70E-04                             |
| West Virginia | Wood County        | 54107 | U              | Trichloroethylene         | 0.00E+00            | 0.00E+00                             | 1.84E+00            | 4.91E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.84E+00            | 4.91E-03                             |
| West Virginia | All Urban Counties | N/A   | U              | Vinyl Chloride            | 3.89E-01            | 1.24E-04                             | 8.61E-01            | 2.74E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.25E+00            | 3.97E-04                             |
| West Virginia | Berkeley County    | 54003 | U              | Vinyl Chloride            | 0.00E+00            | 0.00E+00                             | 1.14E-01            | 3.56E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.14E-01            | 3.56E-04                             |
| West Virginia | Cabell County      | 54011 | U              | Vinyl Chloride            | 0.00E+00            | 0.00E+00                             | 1.05E-01            | 3.79E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.05E-01            | 3.79E-04                             |
| West Virginia | Hancock County     | 54029 | U              | Vinyl Chloride            | 0.00E+00            | 0.00E+00                             | 6.86E-04            | 7.93E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.86E-04            | 7.93E-06                             |
| West Virginia | Jefferson County   | 54037 | U              | Vinyl Chloride            | 0.00E+00            | 0.00E+00                             | 2.03E-03            | 9.71E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.03E-03            | 9.71E-06                             |

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| State         | County             | FIPS  | Urban or Rural | Pollutant              | Major               |                                      | Area and Other      |                                      | Onroad Mobile       |                                      | Nonroad Mobile      |                                      | Total               |                                      |
|---------------|--------------------|-------|----------------|------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|
|               |                    |       |                |                        | Emissions (tons/yr) | Emissions Density (tons/yr/sq. mile) |
| West Virginia | Kanawha County     | 54039 | U              | Vinyl Chloride         | 0.00E+00            | 0.00E+00                             | 1.86E-01            | 2.05E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.86E-01            | 2.05E-04                             |
| West Virginia | Ohio County        | 54069 | U              | Vinyl Chloride         | 3.89E-01            | 3.77E-03                             | 1.55E-01            | 1.50E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.44E-01            | 5.27E-03                             |
| West Virginia | Putnam County      | 54079 | U              | Vinyl Chloride         | 0.00E+00            | 0.00E+00                             | 1.85E-01            | 5.34E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.85E-01            | 5.34E-04                             |
| West Virginia | Wayne County       | 54099 | U              | Vinyl Chloride         | 0.00E+00            | 0.00E+00                             | 6.74E-03            | 1.28E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.74E-03            | 1.28E-05                             |
| West Virginia | Wood County        | 54107 | U              | Vinyl Chloride         | 0.00E+00            | 0.00E+00                             | 1.07E-01            | 2.86E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.07E-01            | 2.86E-04                             |
| West Virginia | All Rural Counties | N/A   | R              | Acetaldehyde - Primary | 8.47E+02            | 4.02E-02                             | 7.86E+01            | 3.73E-03                             | 1.19E+02            | 5.67E-03                             | 6.61E+01            | 3.14E-03                             | 1.11E+03            | 5.27E-02                             |
| West Virginia | Barbour County     | 54001 | R              | Acetaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 1.06E+00            | 3.12E-03                             | 1.24E+00            | 3.66E-03                             | 4.82E-01            | 1.43E-03                             | 2.78E+00            | 8.21E-03                             |
| West Virginia | Boone County       | 54005 | R              | Acetaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 2.11E+00            | 4.14E-03                             | 2.23E+00            | 4.38E-03                             | 3.23E+00            | 6.35E-03                             | 7.58E+00            | 1.49E-02                             |
| West Virginia | Braxton County     | 54007 | R              | Acetaldehyde - Primary | 3.95E+00            | 7.62E-03                             | 1.86E+00            | 3.59E-03                             | 3.75E+00            | 7.25E-03                             | 6.23E-01            | 1.20E-03                             | 1.02E+01            | 1.97E-02                             |
| West Virginia | Brooke County      | 54009 | R              | Acetaldehyde - Primary | 8.18E-02            | 9.29E-04                             | 2.42E-01            | 2.75E-03                             | 2.09E+00            | 2.37E-02                             | 1.92E+00            | 2.18E-02                             | 4.33E+00            | 4.92E-02                             |
| West Virginia | Calhoun County     | 54013 | R              | Acetaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 1.20E+00            | 4.26E-03                             | 5.58E-01            | 1.97E-03                             | 2.96E-01            | 1.05E-03                             | 2.06E+00            | 7.28E-03                             |
| West Virginia | Clay County        | 54015 | R              | Acetaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 1.21E+00            | 3.48E-03                             | 1.13E+00            | 3.26E-03                             | 1.89E-01            | 5.45E-04                             | 2.52E+00            | 7.29E-03                             |
| West Virginia | Doddridge County   | 54017 | R              | Acetaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 1.67E+00            | 5.15E-03                             | 5.48E-01            | 1.69E-03                             | 4.34E-01            | 1.34E-03                             | 2.65E+00            | 8.17E-03                             |
| West Virginia | Fayette County     | 54019 | R              | Acetaldehyde - Primary | 2.46E-02            | 3.60E-05                             | 2.12E+00            | 3.10E-03                             | 5.47E+00            | 8.01E-03                             | 2.00E+00            | 2.93E-03                             | 9.61E+00            | 1.41E-02                             |
| West Virginia | Gilmer County      | 54021 | R              | Acetaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 1.46E+00            | 4.28E-03                             | 5.28E-01            | 1.55E-03                             | 2.84E-01            | 8.35E-04                             | 2.27E+00            | 6.67E-03                             |
| West Virginia | Grant County       | 54023 | R              | Acetaldehyde - Primary | 1.98E+00            | 4.12E-03                             | 1.49E+00            | 3.10E-03                             | 1.06E+00            | 2.21E-03                             | 7.96E-01            | 1.66E-03                             | 5.33E+00            | 1.11E-02                             |
| West Virginia | Greenbrier County  | 54025 | R              | Acetaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 3.05E+00            | 2.97E-03                             | 5.42E+00            | 5.27E-03                             | 1.93E+00            | 1.88E-03                             | 1.04E+01            | 1.01E-02                             |
| West Virginia | Hampshire County   | 54027 | R              | Acetaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 2.10E+00            | 3.29E-03                             | 1.36E+00            | 2.12E-03                             | 1.49E+00            | 2.32E-03                             | 4.95E+00            | 7.73E-03                             |
| West Virginia | Hardy County       | 54031 | R              | Acetaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 1.93E+00            | 3.24E-03                             | 1.14E+00            | 1.92E-03                             | 6.07E-01            | 1.02E-03                             | 3.68E+00            | 6.18E-03                             |
| West Virginia | Harrison County    | 54033 | R              | Acetaldehyde - Primary | 1.74E+00            | 4.10E-03                             | 1.66E+00            | 3.90E-03                             | 8.06E+00            | 1.90E-02                             | 2.71E+00            | 6.39E-03                             | 1.42E+01            | 3.33E-02                             |
| West Virginia | Jackson County     | 54035 | R              | Acetaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 1.38E+00            | 2.88E-03                             | 4.85E+00            | 1.01E-02                             | 2.96E+00            | 6.16E-03                             | 9.18E+00            | 1.91E-02                             |
| West Virginia | Lewis County       | 54041 | R              | Acetaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 2.10E+00            | 5.47E-03                             | 2.87E+00            | 7.45E-03                             | 8.93E-01            | 2.32E-03                             | 5.86E+00            | 1.52E-02                             |
| West Virginia | Lincoln County     | 54043 | R              | Acetaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 1.58E+00            | 3.63E-03                             | 2.13E+00            | 4.92E-03                             | 3.89E-01            | 8.98E-04                             | 4.10E+00            | 9.44E-03                             |
| West Virginia | Logan County       | 54045 | R              | Acetaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 1.68E+00            | 3.73E-03                             | 3.56E+00            | 7.92E-03                             | 2.34E+00            | 5.21E-03                             | 7.58E+00            | 1.69E-02                             |
| West Virginia | McDowell County    | 54047 | R              | Acetaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 1.93E+00            | 3.66E-03                             | 2.57E+00            | 4.88E-03                             | 1.05E+00            | 2.00E-03                             | 5.55E+00            | 1.05E-02                             |
| West Virginia | Marion County      | 54049 | R              | Acetaldehyde - Primary | 4.04E-02            | 1.31E-04                             | 9.11E-01            | 2.94E-03                             | 4.54E+00            | 1.47E-02                             | 1.24E+00            | 4.00E-03                             | 6.73E+00            | 2.18E-02                             |
| West Virginia | Marshall County    | 54051 | R              | Acetaldehyde - Primary | 1.44E+00            | 4.61E-03                             | 1.12E+00            | 3.61E-03                             | 2.45E+00            | 7.87E-03                             | 2.96E+00            | 9.51E-03                             | 7.97E+00            | 2.56E-02                             |
| West Virginia | Mason County       | 54053 | R              | Acetaldehyde - Primary | 8.38E+02            | 1.89E+00                             | 1.05E+00            | 2.37E-03                             | 2.02E+00            | 4.56E-03                             | 6.93E+00            | 1.57E-02                             | 8.48E+02            | 1.91E+00                             |
| West Virginia | Mercer County      | 54055 | R              | Acetaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 1.46E+00            | 3.44E-03                             | 7.93E+00            | 1.87E-02                             | 1.43E+00            | 3.36E-03                             | 1.08E+01            | 2.54E-02                             |
| West Virginia | Mineral County     | 54057 | R              | Acetaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 1.31E+00            | 4.05E-03                             | 2.40E+00            | 7.43E-03                             | 8.56E-01            | 2.65E-03                             | 4.57E+00            | 1.41E-02                             |
| West Virginia | Mingo County       | 54059 | R              | Acetaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 1.56E+00            | 3.59E-03                             | 2.05E+00            | 4.73E-03                             | 1.80E+00            | 4.16E-03                             | 5.41E+00            | 1.25E-02                             |
| West Virginia | Monongalia County  | 54061 | R              | Acetaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 1.13E+00            | 3.13E-03                             | 1.00E+01            | 2.76E-02                             | 3.30E+00            | 9.09E-03                             | 1.44E+01            | 3.98E-02                             |
| West Virginia | Monroe County      | 54063 | R              | Acetaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 1.24E+00            | 2.60E-03                             | 1.27E+00            | 2.67E-03                             | 7.94E-01            | 1.67E-03                             | 3.30E+00            | 6.93E-03                             |
| West Virginia | Morgan County      | 54065 | R              | Acetaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 6.60E-01            | 2.81E-03                             | 1.02E+00            | 4.35E-03                             | 6.17E-01            | 2.63E-03                             | 2.30E+00            | 9.79E-03                             |
| West Virginia | Nicholas County    | 54067 | R              | Acetaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 2.50E+00            | 3.86E-03                             | 2.12E+00            | 3.27E-03                             | 8.76E-01            | 1.35E-03                             | 5.49E+00            | 8.49E-03                             |
| West Virginia | Pendleton County   | 54071 | R              | Acetaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 2.21E+00            | 3.18E-03                             | 5.62E-01            | 8.10E-04                             | 6.20E-01            | 8.93E-04                             | 3.39E+00            | 4.89E-03                             |
| West Virginia | Pleasants County   | 54073 | R              | Acetaldehyde - Primary | 2.66E-02            | 1.88E-04                             | 5.42E-01            | 3.85E-03                             | 5.53E-01            | 3.92E-03                             | 2.70E+00            | 1.91E-02                             | 3.82E+00            | 2.71E-02                             |
| West Virginia | Pocahontas County  | 54075 | R              | Acetaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 3.02E+00            | 3.19E-03                             | 8.65E-01            | 9.16E-04                             | 6.39E-01            | 6.76E-04                             | 4.52E+00            | 4.79E-03                             |
| West Virginia | Preston County     | 54077 | R              | Acetaldehyde - Primary | 1.72E-01            | 2.60E-04                             | 1.94E+00            | 2.93E-03                             | 3.80E+00            | 5.74E-03                             | 1.24E+00            | 1.87E-03                             | 7.15E+00            | 1.08E-02                             |
| West Virginia | Raleigh County     | 54081 | R              | Acetaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 2.27E+00            | 3.74E-03                             | 1.07E+01            | 1.76E-02                             | 3.37E+00            | 5.55E-03                             | 1.63E+01            | 2.69E-02                             |
| West Virginia | Randolph County    | 54083 | R              | Acetaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 3.89E+00            | 3.73E-03                             | 2.67E+00            | 2.56E-03                             | 1.14E+00            | 1.09E-03                             | 7.70E+00            | 7.39E-03                             |
| West Virginia | Ritchie County     | 54085 | R              | Acetaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 1.72E+00            | 3.90E-03                             | 7.71E-01            | 1.75E-03                             | 4.13E-01            | 9.37E-04                             | 2.90E+00            | 6.58E-03                             |
| West Virginia | Roane County       | 54087 | R              | Acetaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 1.49E+00            | 3.04E-03                             | 3.04E+00            | 4.37E-03                             | 1.25E+00            | 1.28E-03                             | 4.25E+00            | 8.68E-03                             |
| West Virginia | Summers County     | 54089 | R              | Acetaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 1.25E+00            | 3.48E-03                             | 1.45E+00            | 4.04E-03                             | 6.50E-01            | 1.82E-03                             | 3.34E+00            | 9.34E-03                             |
| West Virginia | Taylor County      | 54091 | R              | Acetaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 4.29E-01            | 2.47E-03                             | 1.07E+00            | 6.14E-03                             | 4.37E-01            | 2.51E-03                             | 1.93E+00            | 1.11E-02                             |
| West Virginia | Tucker County      | 54093 | R              | Acetaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 1.38E+00            | 3.20E-03                             | 7.17E-01            | 1.66E-03                             | 2.76E-01            | 6.39E-04                             | 2.37E+00            | 5.50E-03                             |
| West Virginia | Tyler County       | 54095 | R              | Acetaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 1.02E+00            | 3.97E-03                             | 6.53E-01            | 2.54E-03                             | 2.14E+00            | 8.33E-03                             | 3.81E+00            | 1.48E-02                             |
| West Virginia | Upshur County      | 54097 | R              | Acetaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 5.21E+00            | 1.50E-02                             | 2.20E+00            | 6.31E-03                             | 8.07E-01            | 2.32E-03                             | 8.21E+00            | 2.36E-02                             |
| West Virginia | Webster County     | 54101 | R              | Acetaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 1.97E+00            | 3.52E-03                             | 4.81E-01            | 8.60E-04                             | 8.17E-01            | 1.46E-03                             | 3.27E+00            | 5.85E-03                             |
| West Virginia | Wetzel County      | 54103 | R              | Acetaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 1.62E+00            | 4.56E-03                             | 1.67E+00            | 4.70E-03                             | 2.62E+00            | 7.37E-03                             | 5.92E+00            | 1.66E-02                             |
| West Virginia | Wirt County        | 54105 | R              | Acetaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 7.42E-01            | 3.29E-03                             | 2.76E-01            | 1.22E-03                             | 2.95E-01            | 1.31E-03                             | 1.31E+00            | 5.82E-03                             |
| West Virginia | Wyoming County     | 54109 | R              | Acetaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 3.10E+00            | 6.10E-03                             | 2.58E+00            | 5.06E-03                             | 1.87E+00            | 3.67E-03                             | 7.55E+00            | 1.48E-02                             |
| West Virginia | All Rural Counties | N/A   | R              | Acrolein - Primary     | 4.90E+00            | 2.32E-04                             | 7.33E+01            | 3.48E-03                             | 1.77E+01            | 8.41E-04                             | 6.18E+00            | 2.93E-04                             | 1.02E+02            | 4.84E-03                             |
| West Virginia | Barbour County     | 54001 | R              | Acrolein - Primary     | 0.00E+00            | 0.00E+00                             | 9.95E-01            | 2.94E-03                             | 1.83E-01            | 5.42E-04                             | 5.60E-02            | 1.66E-04                             | 1.23E+00            | 3.65E-03                             |

DRAFT FOR REVIEW ONLY

| State         | County             | FIPS  | Urban or Rural | Pollutant          | Major               |                                      | Area and Other      |                                      | Onroad Mobile       |                                      | Nonroad Mobile      |                                      | Total               |                                      |
|---------------|--------------------|-------|----------------|--------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|
|               |                    |       |                |                    | Emissions (tons/yr) | Emissions Density (tons/yr/sq. mile) |
| West Virginia | Boone County       | 54005 | R              | Acrolein - Primary | 0.00E+00            | 0.00E+00                             | 1.96E+00            | 3.84E-03                             | 3.30E-01            | 6.48E-04                             | 2.06E-01            | 4.04E-04                             | 2.49E+00            | 4.89E-03                             |
| West Virginia | Braxton County     | 54007 | R              | Acrolein - Primary | 1.22E+00            | 2.35E-03                             | 1.77E+00            | 3.42E-03                             | 5.39E-01            | 1.04E-03                             | 6.49E-02            | 1.25E-04                             | 3.59E+00            | 6.93E-03                             |
| West Virginia | Brooke County      | 54009 | R              | Acrolein - Primary | 4.16E-02            | 4.72E-04                             | 3.68E-01            | 4.18E-03                             | 3.19E-01            | 3.63E-03                             | 1.20E-01            | 1.36E-03                             | 8.49E-01            | 9.64E-03                             |
| West Virginia | Calhoun County     | 54013 | R              | Acrolein - Primary | 0.00E+00            | 0.00E+00                             | 9.83E-01            | 3.48E-03                             | 8.31E-02            | 2.94E-04                             | 2.49E-02            | 8.81E-05                             | 1.09E+00            | 3.86E-03                             |
| West Virginia | Clay County        | 54015 | R              | Acrolein - Primary | 0.00E+00            | 0.00E+00                             | 1.30E+00            | 3.76E-03                             | 1.64E-01            | 4.74E-04                             | 2.39E-02            | 6.89E-05                             | 1.49E+00            | 4.30E-03                             |
| West Virginia | Doddridge County   | 54017 | R              | Acrolein - Primary | 0.00E+00            | 0.00E+00                             | 1.17E+00            | 3.62E-03                             | 8.10E-02            | 2.50E-04                             | 3.14E-02            | 9.67E-05                             | 1.29E+00            | 3.96E-03                             |
| West Virginia | Fayette County     | 54019 | R              | Acrolein - Primary | 1.25E-02            | 1.83E-05                             | 2.43E+00            | 3.56E-03                             | 8.09E-01            | 1.19E-03                             | 2.67E-01            | 3.91E-04                             | 3.52E+00            | 5.15E-03                             |
| West Virginia | Gilmer County      | 54021 | R              | Acrolein - Primary | 0.00E+00            | 0.00E+00                             | 1.16E+00            | 3.41E-03                             | 7.84E-02            | 2.30E-04                             | 4.22E-02            | 1.24E-04                             | 1.28E+00            | 3.76E-03                             |
| West Virginia | Grant County       | 54023 | R              | Acrolein - Primary | 1.01E+00            | 2.10E-03                             | 1.54E+00            | 3.21E-03                             | 1.57E-01            | 3.27E-04                             | 1.14E-01            | 2.37E-04                             | 2.82E+00            | 5.87E-03                             |
| West Virginia | Greenbrier County  | 54025 | R              | Acrolein - Primary | 0.00E+00            | 0.00E+00                             | 3.28E+00            | 3.19E-03                             | 7.86E-01            | 7.64E-04                             | 2.67E-01            | 2.59E-04                             | 4.33E+00            | 4.21E-03                             |
| West Virginia | Hampshire County   | 54027 | R              | Acrolein - Primary | 0.00E+00            | 0.00E+00                             | 2.18E+00            | 3.41E-03                             | 2.02E-01            | 3.16E-04                             | 2.51E-01            | 3.92E-04                             | 2.63E+00            | 4.11E-03                             |
| West Virginia | Hardy County       | 54031 | R              | Acrolein - Primary | 0.00E+00            | 0.00E+00                             | 1.93E+00            | 3.24E-03                             | 1.69E-01            | 2.84E-04                             | 5.11E-02            | 8.58E-05                             | 2.15E+00            | 3.61E-03                             |
| West Virginia | Harrison County    | 54033 | R              | Acrolein - Primary | 8.86E-01            | 2.08E-03                             | 1.33E+00            | 3.13E-03                             | 1.21E+00            | 2.86E-03                             | 2.36E-01            | 5.56E-04                             | 3.67E+00            | 8.63E-03                             |
| West Virginia | Jackson County     | 54035 | R              | Acrolein - Primary | 0.00E+00            | 0.00E+00                             | 1.53E+00            | 3.18E-03                             | 7.00E-01            | 1.46E-03                             | 1.86E-01            | 3.87E-04                             | 2.41E+00            | 5.02E-03                             |
| West Virginia | Lewis County       | 54041 | R              | Acrolein - Primary | 0.00E+00            | 0.00E+00                             | 1.37E+00            | 3.55E-03                             | 4.14E-01            | 1.08E-03                             | 1.18E-01            | 3.07E-04                             | 1.90E+00            | 4.94E-03                             |
| West Virginia | Lincoln County     | 54043 | R              | Acrolein - Primary | 0.00E+00            | 0.00E+00                             | 1.66E+00            | 3.83E-03                             | 3.15E-01            | 7.26E-04                             | 6.44E-02            | 1.48E-04                             | 2.04E+00            | 4.71E-03                             |
| West Virginia | Logan County       | 54045 | R              | Acrolein - Primary | 0.00E+00            | 0.00E+00                             | 1.84E+00            | 4.09E-03                             | 5.26E-01            | 1.17E-03                             | 2.14E-01            | 4.75E-04                             | 2.58E+00            | 5.74E-03                             |
| West Virginia | McDowell County    | 54047 | R              | Acrolein - Primary | 0.00E+00            | 0.00E+00                             | 2.14E+00            | 4.06E-03                             | 3.80E-01            | 7.21E-04                             | 1.23E-01            | 2.33E-04                             | 2.64E+00            | 5.01E-03                             |
| West Virginia | Marion County      | 54049 | R              | Acrolein - Primary | 2.06E-02            | 6.64E-05                             | 1.14E+00            | 3.69E-03                             | 6.90E-01            | 2.23E-03                             | 1.26E-01            | 4.06E-04                             | 1.98E+00            | 6.38E-03                             |
| West Virginia | Marshall County    | 54051 | R              | Acrolein - Primary | 7.30E-01            | 2.35E-03                             | 1.04E+00            | 3.33E-03                             | 3.72E-01            | 1.20E-03                             | 1.96E-01            | 6.31E-04                             | 2.34E+00            | 7.51E-03                             |
| West Virginia | Mason County       | 54053 | R              | Acrolein - Primary | 8.84E-01            | 2.00E-03                             | 1.22E+00            | 2.75E-03                             | 2.99E-01            | 6.75E-04                             | 4.11E-01            | 9.28E-04                             | 2.81E+00            | 6.35E-03                             |
| West Virginia | Mercer County      | 54055 | R              | Acrolein - Primary | 0.00E+00            | 0.00E+00                             | 1.53E+00            | 3.60E-03                             | 1.18E+00            | 2.78E-03                             | 1.88E-01            | 4.43E-04                             | 2.90E+00            | 6.83E-03                             |
| West Virginia | Mineral County     | 54057 | R              | Acrolein - Primary | 0.00E+00            | 0.00E+00                             | 1.17E+00            | 3.63E-03                             | 3.64E-01            | 1.12E-03                             | 1.15E-01            | 3.55E-04                             | 1.65E+00            | 5.10E-03                             |
| West Virginia | Mingo County       | 54059 | R              | Acrolein - Primary | 0.00E+00            | 0.00E+00                             | 1.67E+00            | 3.86E-03                             | 3.04E-01            | 7.01E-04                             | 1.91E-01            | 4.41E-04                             | 2.17E+00            | 5.00E-03                             |
| West Virginia | Monongalia County  | 54061 | R              | Acrolein - Primary | 0.00E+00            | 0.00E+00                             | 1.42E+00            | 3.90E-03                             | 1.51E+00            | 4.15E-03                             | 3.24E-01            | 8.92E-04                             | 3.25E+00            | 8.95E-03                             |
| West Virginia | Monroe County      | 54063 | R              | Acrolein - Primary | 0.00E+00            | 0.00E+00                             | 1.36E+00            | 2.85E-03                             | 1.87E-01            | 3.94E-04                             | 7.45E-02            | 1.56E-04                             | 1.62E+00            | 3.40E-03                             |
| West Virginia | Morgan County      | 54065 | R              | Acrolein - Primary | 0.00E+00            | 0.00E+00                             | 7.58E-01            | 3.23E-03                             | 1.51E-01            | 6.44E-04                             | 8.17E-02            | 3.48E-04                             | 9.91E-01            | 4.22E-03                             |
| West Virginia | Nicholas County    | 54067 | R              | Acrolein - Primary | 0.00E+00            | 0.00E+00                             | 2.34E+00            | 3.61E-03                             | 3.13E-01            | 4.84E-04                             | 1.33E-01            | 2.05E-04                             | 2.78E+00            | 4.30E-03                             |
| West Virginia | Pendleton County   | 54071 | R              | Acrolein - Primary | 0.00E+00            | 0.00E+00                             | 2.33E+00            | 3.36E-03                             | 8.37E-02            | 1.21E-04                             | 4.32E-02            | 6.23E-05                             | 2.46E+00            | 3.55E-03                             |
| West Virginia | Pleasants County   | 54073 | R              | Acrolein - Primary | 1.20E-02            | 8.49E-05                             | 4.62E-01            | 3.28E-03                             | 8.18E-02            | 5.80E-04                             | 1.74E-01            | 1.23E-03                             | 7.30E-01            | 5.18E-03                             |
| West Virginia | Pocahontas County  | 54075 | R              | Acrolein - Primary | 0.00E+00            | 0.00E+00                             | 3.18E+00            | 3.36E-03                             | 1.28E-01            | 1.35E-04                             | 9.62E-02            | 1.02E-04                             | 3.40E+00            | 3.60E-03                             |
| West Virginia | Preston County     | 54077 | R              | Acrolein - Primary | 8.77E-02            | 1.32E-04                             | 2.04E+00            | 3.07E-03                             | 5.55E-01            | 8.38E-04                             | 1.29E-01            | 1.95E-04                             | 2.81E+00            | 4.24E-03                             |
| West Virginia | Raleigh County     | 54081 | R              | Acrolein - Primary | 0.00E+00            | 0.00E+00                             | 2.34E+00            | 3.86E-03                             | 1.58E+00            | 2.61E-03                             | 3.82E-01            | 6.29E-04                             | 4.30E+00            | 7.09E-03                             |
| West Virginia | Randolph County    | 54083 | R              | Acrolein - Primary | 0.00E+00            | 0.00E+00                             | 3.78E+00            | 3.62E-03                             | 4.03E-01            | 3.87E-04                             | 1.44E-01            | 1.38E-04                             | 4.32E+00            | 4.15E-03                             |
| West Virginia | Ritchie County     | 54085 | R              | Acrolein - Primary | 0.00E+00            | 0.00E+00                             | 1.56E+00            | 3.54E-03                             | 1.14E-01            | 2.59E-04                             | 3.58E-02            | 8.13E-05                             | 1.71E+00            | 3.88E-03                             |
| West Virginia | Roane County       | 54087 | R              | Acrolein - Primary | 0.00E+00            | 0.00E+00                             | 1.62E+00            | 3.31E-03                             | 3.11E-01            | 6.36E-04                             | 5.04E-02            | 1.03E-04                             | 1.98E+00            | 4.05E-03                             |
| West Virginia | Summers County     | 54089 | R              | Acrolein - Primary | 0.00E+00            | 0.00E+00                             | 1.14E+00            | 3.20E-03                             | 2.11E-01            | 5.89E-04                             | 8.78E-02            | 2.45E-04                             | 1.44E+00            | 4.03E-03                             |
| West Virginia | Taylor County      | 54091 | R              | Acrolein - Primary | 0.00E+00            | 0.00E+00                             | 5.22E-01            | 3.00E-03                             | 1.64E-01            | 9.42E-04                             | 5.24E-02            | 3.02E-04                             | 7.38E-01            | 4.25E-03                             |
| West Virginia | Tucker County      | 54093 | R              | Acrolein - Primary | 0.00E+00            | 0.00E+00                             | 1.46E+00            | 3.39E-03                             | 1.06E-01            | 2.45E-04                             | 3.11E-02            | 7.20E-05                             | 1.60E+00            | 3.71E-03                             |
| West Virginia | Tyler County       | 54095 | R              | Acrolein - Primary | 0.00E+00            | 0.00E+00                             | 9.50E-01            | 3.70E-03                             | 9.67E-02            | 3.77E-04                             | 1.22E-01            | 4.75E-04                             | 1.17E+00            | 4.55E-03                             |
| West Virginia | Upshur County      | 54097 | R              | Acrolein - Primary | 0.00E+00            | 0.00E+00                             | 1.19E+00            | 3.43E-03                             | 3.32E-01            | 9.52E-04                             | 1.05E-01            | 3.01E-04                             | 1.63E+00            | 4.68E-03                             |
| West Virginia | Webster County     | 54101 | R              | Acrolein - Primary | 0.00E+00            | 0.00E+00                             | 2.09E+00            | 3.75E-03                             | 7.21E-02            | 1.29E-04                             | 9.61E-02            | 1.72E-04                             | 2.26E+00            | 4.05E-03                             |
| West Virginia | Wetzel County      | 54103 | R              | Acrolein - Primary | 0.00E+00            | 0.00E+00                             | 1.38E+00            | 3.87E-03                             | 2.56E-01            | 7.20E-04                             | 1.49E-01            | 4.18E-04                             | 1.78E+00            | 5.01E-03                             |
| West Virginia | Wirt County        | 54105 | R              | Acrolein - Primary | 0.00E+00            | 0.00E+00                             | 7.27E-01            | 3.22E-03                             | 4.14E-02            | 1.83E-04                             | 4.94E-02            | 2.19E-04                             | 8.18E-01            | 3.62E-03                             |
| West Virginia | Wyoming County     | 54109 | R              | Acrolein - Primary | 0.00E+00            | 0.00E+00                             | 1.92E+00            | 3.77E-03                             | 3.80E-01            | 7.47E-04                             | 1.34E-01            | 2.62E-04                             | 2.43E+00            | 4.78E-03                             |
| West Virginia | All Rural Counties | N/A   | R              | Acrylonitrile      | 3.20E-01            | 1.52E-05                             | 1.39E+00            | 6.61E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.71E+00            | 8.13E-05                             |
| West Virginia | Barbour County     | 54001 | R              | Acrylonitrile      | 0.00E+00            | 0.00E+00                             | 1.63E-03            | 4.83E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.63E-03            | 4.83E-06                             |
| West Virginia | Boone County       | 54005 | R              | Acrylonitrile      | 0.00E+00            | 0.00E+00                             | 2.69E-03            | 5.28E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.69E-03            | 5.28E-06                             |
| West Virginia | Braxton County     | 54007 | R              | Acrylonitrile      | 0.00E+00            | 0.00E+00                             | 4.50E-03            | 8.68E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.50E-03            | 8.68E-06                             |
| West Virginia | Brooke County      | 54009 | R              | Acrylonitrile      | 0.00E+00            | 0.00E+00                             | 1.85E-01            | 2.10E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.85E-01            | 2.10E-03                             |
| West Virginia | Calhoun County     | 54013 | R              | Acrylonitrile      | 0.00E+00            | 0.00E+00                             | 8.16E-04            | 2.89E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 8.16E-04            | 2.89E-06                             |
| West Virginia | Clay County        | 54015 | R              | Acrylonitrile      | 0.00E+00            | 0.00E+00                             | 1.09E-03            | 3.13E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.09E-03            | 3.13E-06                             |
| West Virginia | Doddridge County   | 54017 | R              | Acrylonitrile      | 0.00E+00            | 0.00E+00                             | 7.62E-04            | 2.35E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 7.62E-04            | 2.35E-06                             |
| West Virginia | Fayette County     | 54019 | R              | Acrylonitrile      | 0.00E+00            | 0.00E+00                             | 4.28E-02            | 6.27E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.28E-02            | 6.27E-05                             |

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| State         | County             | FIPS  | Urban or Rural | Pollutant         | Major               |                                      | Area and Other      |                                      | Onroad Mobile       |                                      | Nonroad Mobile      |                                      | Total               |                                      |
|---------------|--------------------|-------|----------------|-------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|
|               |                    |       |                |                   | Emissions (tons/yr) | Emissions Density (tons/yr/sq. mile) |
| West Virginia | Gilmer County      | 54021 | R              | Acrylonitrile     | 0.00E+00            | 0.00E+00                             | 7.31E-04            | 2.15E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 7.31E-04            | 2.15E-06                             |
| West Virginia | Grant County       | 54023 | R              | Acrylonitrile     | 0.00E+00            | 0.00E+00                             | 1.14E-03            | 2.37E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.14E-03            | 2.37E-06                             |
| West Virginia | Greenbrier County  | 54025 | R              | Acrylonitrile     | 0.00E+00            | 0.00E+00                             | 1.47E-02            | 1.43E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.47E-02            | 1.43E-05                             |
| West Virginia | Hampshire County   | 54027 | R              | Acrylonitrile     | 0.00E+00            | 0.00E+00                             | 4.55E-03            | 7.11E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.55E-03            | 7.11E-06                             |
| West Virginia | Hardy County       | 54031 | R              | Acrylonitrile     | 0.00E+00            | 0.00E+00                             | 1.23E-03            | 2.06E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.23E-03            | 2.06E-06                             |
| West Virginia | Harrison County    | 54033 | R              | Acrylonitrile     | 0.00E+00            | 0.00E+00                             | 2.13E-01            | 5.00E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.13E-01            | 5.00E-04                             |
| West Virginia | Jackson County     | 54035 | R              | Acrylonitrile     | 0.00E+00            | 0.00E+00                             | 2.89E-03            | 6.03E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.89E-03            | 6.03E-06                             |
| West Virginia | Lewis County       | 54041 | R              | Acrylonitrile     | 0.00E+00            | 0.00E+00                             | 1.79E-03            | 4.64E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.79E-03            | 4.64E-06                             |
| West Virginia | Lincoln County     | 54043 | R              | Acrylonitrile     | 0.00E+00            | 0.00E+00                             | 2.29E-03            | 5.27E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.29E-03            | 5.27E-06                             |
| West Virginia | Logan County       | 54045 | R              | Acrylonitrile     | 0.00E+00            | 0.00E+00                             | 1.51E-02            | 3.36E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.51E-02            | 3.36E-05                             |
| West Virginia | McDowell County    | 54047 | R              | Acrylonitrile     | 0.00E+00            | 0.00E+00                             | 1.15E-02            | 2.19E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.15E-02            | 2.19E-05                             |
| West Virginia | Marion County      | 54049 | R              | Acrylonitrile     | 0.00E+00            | 0.00E+00                             | 3.92E-02            | 1.27E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.92E-02            | 1.27E-04                             |
| West Virginia | Marshall County    | 54051 | R              | Acrylonitrile     | 0.00E+00            | 0.00E+00                             | 3.58E-03            | 1.15E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.58E-03            | 1.15E-05                             |
| West Virginia | Mason County       | 54053 | R              | Acrylonitrile     | 0.00E+00            | 0.00E+00                             | 2.66E-03            | 6.01E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.66E-03            | 6.01E-06                             |
| West Virginia | Mercer County      | 54055 | R              | Acrylonitrile     | 0.00E+00            | 0.00E+00                             | 8.46E-02            | 1.99E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 8.46E-02            | 1.99E-04                             |
| West Virginia | Mineral County     | 54057 | R              | Acrylonitrile     | 0.00E+00            | 0.00E+00                             | 2.77E-03            | 8.56E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.77E-03            | 8.56E-06                             |
| West Virginia | Mingo County       | 54059 | R              | Acrylonitrile     | 0.00E+00            | 0.00E+00                             | 6.02E-02            | 1.39E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.02E-02            | 1.39E-04                             |
| West Virginia | Monongalia County  | 54061 | R              | Acrylonitrile     | 0.00E+00            | 0.00E+00                             | 4.92E-02            | 1.35E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.92E-02            | 1.35E-04                             |
| West Virginia | Monroe County      | 54063 | R              | Acrylonitrile     | 0.00E+00            | 0.00E+00                             | 4.98E-02            | 1.05E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.98E-02            | 1.05E-04                             |
| West Virginia | Morgan County      | 54065 | R              | Acrylonitrile     | 0.00E+00            | 0.00E+00                             | 5.08E-03            | 2.16E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.08E-03            | 2.16E-05                             |
| West Virginia | Nicholas County    | 54067 | R              | Acrylonitrile     | 0.00E+00            | 0.00E+00                             | 2.16E-02            | 3.34E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.16E-02            | 3.34E-05                             |
| West Virginia | Pendleton County   | 54071 | R              | Acrylonitrile     | 0.00E+00            | 0.00E+00                             | 8.22E-04            | 1.19E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 8.22E-04            | 1.19E-06                             |
| West Virginia | Pleasants County   | 54073 | R              | Acrylonitrile     | 6.61E-02            | 4.69E-04                             | 7.69E-04            | 5.45E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.68E-02            | 4.74E-04                             |
| West Virginia | Pocahontas County  | 54075 | R              | Acrylonitrile     | 0.00E+00            | 0.00E+00                             | 1.75E-02            | 1.85E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.75E-02            | 1.85E-05                             |
| West Virginia | Preston County     | 54077 | R              | Acrylonitrile     | 0.00E+00            | 0.00E+00                             | 3.05E-03            | 4.60E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.05E-03            | 4.60E-06                             |
| West Virginia | Raleigh County     | 54081 | R              | Acrylonitrile     | 0.00E+00            | 0.00E+00                             | 8.58E-02            | 1.41E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 8.58E-02            | 1.41E-04                             |
| West Virginia | Randolph County    | 54083 | R              | Acrylonitrile     | 0.00E+00            | 0.00E+00                             | 1.93E-02            | 1.86E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.93E-02            | 1.86E-05                             |
| West Virginia | Ritchie County     | 54085 | R              | Acrylonitrile     | 0.00E+00            | 0.00E+00                             | 1.14E-03            | 2.59E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.14E-03            | 2.59E-06                             |
| West Virginia | Roane County       | 54087 | R              | Acrylonitrile     | 0.00E+00            | 0.00E+00                             | 1.58E-03            | 3.22E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.58E-03            | 3.22E-06                             |
| West Virginia | Summers County     | 54089 | R              | Acrylonitrile     | 0.00E+00            | 0.00E+00                             | 2.04E-01            | 5.70E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.04E-01            | 5.70E-04                             |
| West Virginia | Taylor County      | 54091 | R              | Acrylonitrile     | 0.00E+00            | 0.00E+00                             | 1.99E-03            | 1.15E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.99E-03            | 1.15E-05                             |
| West Virginia | Tucker County      | 54093 | R              | Acrylonitrile     | 0.00E+00            | 0.00E+00                             | 5.08E-02            | 1.18E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.08E-02            | 1.18E-04                             |
| West Virginia | Tyler County       | 54095 | R              | Acrylonitrile     | 2.54E-01            | 9.91E-04                             | 1.00E-03            | 3.90E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.55E-01            | 9.95E-04                             |
| West Virginia | Upshur County      | 54097 | R              | Acrylonitrile     | 0.00E+00            | 0.00E+00                             | 1.37E-02            | 3.94E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.37E-02            | 3.94E-05                             |
| West Virginia | Webster County     | 54101 | R              | Acrylonitrile     | 0.00E+00            | 0.00E+00                             | 5.72E-03            | 1.02E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.72E-03            | 1.02E-05                             |
| West Virginia | Wetzel County      | 54103 | R              | Acrylonitrile     | 0.00E+00            | 0.00E+00                             | 1.47E-01            | 4.13E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.47E-01            | 4.13E-04                             |
| West Virginia | Wirt County        | 54105 | R              | Acrylonitrile     | 0.00E+00            | 0.00E+00                             | 5.89E-04            | 2.61E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.89E-04            | 2.61E-06                             |
| West Virginia | Wyoming County     | 54109 | R              | Acrylonitrile     | 0.00E+00            | 0.00E+00                             | 1.27E-02            | 2.49E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.27E-02            | 2.49E-05                             |
| West Virginia | All Rural Counties | N/A   | R              | Arsenic Compounds | 7.80E+00            | 3.70E-04                             | 3.26E-01            | 1.54E-05                             | 1.08E-01            | 5.12E-06                             | 2.63E-02            | 1.25E-06                             | 8.26E+00            | 3.92E-04                             |
| West Virginia | Barbour County     | 54001 | R              | Arsenic Compounds | 0.00E+00            | 0.00E+00                             | 2.26E-04            | 6.68E-07                             | 1.16E-03            | 3.43E-06                             | 2.48E-04            | 7.33E-07                             | 1.63E-03            | 4.83E-06                             |
| West Virginia | Boone County       | 54005 | R              | Arsenic Compounds | 0.00E+00            | 0.00E+00                             | 3.46E-04            | 6.80E-07                             | 2.09E-03            | 4.10E-06                             | 1.46E-03            | 2.86E-06                             | 3.90E-03            | 7.64E-06                             |
| West Virginia | Braxton County     | 54007 | R              | Arsenic Compounds | 0.00E+00            | 0.00E+00                             | 2.14E-04            | 4.13E-07                             | 3.88E-03            | 7.49E-06                             | 3.16E-04            | 6.10E-07                             | 4.41E-03            | 8.51E-06                             |
| West Virginia | Brooke County      | 54009 | R              | Arsenic Compounds | 5.88E-02            | 6.67E-04                             | 4.38E-04            | 4.98E-06                             | 1.63E-03            | 1.85E-05                             | 5.67E-04            | 6.44E-06                             | 6.14E-02            | 6.97E-04                             |
| West Virginia | Calhoun County     | 54013 | R              | Arsenic Compounds | 0.00E+00            | 0.00E+00                             | 1.09E-04            | 3.85E-07                             | 5.00E-04            | 1.77E-06                             | 1.78E-04            | 6.29E-07                             | 7.87E-04            | 2.78E-06                             |
| West Virginia | Clay County        | 54015 | R              | Arsenic Compounds | 0.00E+00            | 0.00E+00                             | 1.28E-04            | 3.68E-07                             | 1.11E-03            | 3.19E-06                             | 1.03E-04            | 2.99E-07                             | 1.34E-03            | 3.86E-06                             |
| West Virginia | Doddridge County   | 54017 | R              | Arsenic Compounds | 0.00E+00            | 0.00E+00                             | 9.76E-05            | 3.01E-07                             | 4.95E-04            | 1.52E-06                             | 2.60E-04            | 8.01E-07                             | 8.53E-04            | 2.63E-06                             |
| West Virginia | Fayette County     | 54019 | R              | Arsenic Compounds | 4.95E-05            | 7.26E-08                             | 1.08E-03            | 1.59E-06                             | 5.02E-03            | 7.35E-06                             | 7.20E-04            | 1.05E-06                             | 6.87E-03            | 1.01E-05                             |
| West Virginia | Gilmer County      | 54021 | R              | Arsenic Compounds | 0.00E+00            | 0.00E+00                             | 9.79E-05            | 2.88E-07                             | 4.60E-04            | 1.35E-06                             | 1.33E-04            | 3.91E-07                             | 6.91E-04            | 2.03E-06                             |
| West Virginia | Grant County       | 54023 | R              | Arsenic Compounds | 5.88E+00            | 1.22E-02                             | 2.55E-04            | 5.30E-07                             | 9.80E-04            | 2.04E-06                             | 3.61E-04            | 7.51E-07                             | 5.88E+00            | 1.22E-02                             |
| West Virginia | Greenbrier County  | 54025 | R              | Arsenic Compounds | 0.00E+00            | 0.00E+00                             | 5.21E-02            | 5.07E-05                             | 5.40E-03            | 5.25E-06                             | 7.49E-04            | 7.29E-07                             | 5.83E-02            | 5.67E-05                             |
| West Virginia | Hampshire County   | 54027 | R              | Arsenic Compounds | 0.00E+00            | 0.00E+00                             | 2.77E-04            | 4.33E-07                             | 1.24E-03            | 1.94E-06                             | 5.61E-04            | 8.77E-07                             | 2.08E-03            | 3.25E-06                             |
| West Virginia | Hardy County       | 54031 | R              | Arsenic Compounds | 3.73E-05            | 6.26E-08                             | 3.56E-04            | 5.99E-07                             | 1.08E-03            | 1.81E-06                             | 3.92E-04            | 6.58E-07                             | 1.08E-03            | 3.12E-06                             |
| West Virginia | Harrison County    | 54033 | R              | Arsenic Compounds | 5.54E-01            | 1.30E-03                             | 1.41E-03            | 3.32E-06                             | 6.71E-03            | 1.58E-05                             | 1.34E-03            | 3.16E-06                             | 5.63E-01            | 1.32E-03                             |
| West Virginia | Jackson County     | 54035 | R              | Arsenic Compounds | 0.00E+00            | 0.00E+00                             | 5.72E-04            | 1.19E-06                             | 4.89E-03            | 1.02E-05                             | 1.04E-03            | 2.16E-06                             | 6.50E-03            | 1.35E-05                             |

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| State         | County             | FIPS  | Urban or Rural | Pollutant         | Major               |                                      | Area and Other      |                                      | Onroad Mobile       |                                      | Nonroad Mobile      |                                      | Total               |                                      |
|---------------|--------------------|-------|----------------|-------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|
|               |                    |       |                |                   | Emissions (tons/yr) | Emissions Density (tons/yr/sq. mile) |
| West Virginia | Lewis County       | 54041 | R              | Arsenic Compounds | 0.00E+00            | 0.00E+00                             | 3.07E-04            | 7.99E-07                             | 2.90E-03            | 7.53E-06                             | 4.40E-04            | 1.14E-06                             | 3.64E-03            | 9.47E-06                             |
| West Virginia | Lincoln County     | 54043 | R              | Arsenic Compounds | 0.00E+00            | 0.00E+00                             | 2.58E-04            | 5.94E-07                             | 1.99E-03            | 4.59E-06                             | 1.52E-04            | 3.49E-07                             | 2.40E-03            | 5.53E-06                             |
| West Virginia | Logan County       | 54045 | R              | Arsenic Compounds | 0.00E+00            | 0.00E+00                             | 6.60E-04            | 1.47E-06                             | 3.34E-03            | 7.42E-06                             | 1.06E-03            | 2.35E-06                             | 5.05E-03            | 1.12E-05                             |
| West Virginia | McDowell County    | 54047 | R              | Arsenic Compounds | 0.00E+00            | 0.00E+00                             | 1.03E-03            | 1.96E-06                             | 2.38E-03            | 4.51E-06                             | 2.70E-04            | 5.12E-07                             | 3.67E-03            | 6.98E-06                             |
| West Virginia | Marion County      | 54049 | R              | Arsenic Compounds | 1.19E-01            | 3.85E-04                             | 1.02E-03            | 3.30E-06                             | 3.66E-03            | 1.18E-05                             | 6.06E-04            | 1.96E-06                             | 1.24E-01            | 4.02E-04                             |
| West Virginia | Marshall County    | 54051 | R              | Arsenic Compounds | 1.63E-01            | 5.23E-04                             | 5.85E-04            | 1.88E-06                             | 2.00E-03            | 6.41E-06                             | 9.15E-04            | 2.94E-06                             | 1.66E-01            | 5.34E-04                             |
| West Virginia | Mason County       | 54053 | R              | Arsenic Compounds | 2.82E-01            | 6.37E-04                             | 4.63E-04            | 1.05E-06                             | 1.87E-03            | 4.22E-06                             | 2.47E-03            | 5.58E-06                             | 2.87E-01            | 6.48E-04                             |
| West Virginia | Mercer County      | 54055 | R              | Arsenic Compounds | 0.00E+00            | 0.00E+00                             | 1.18E-03            | 2.78E-06                             | 7.07E-03            | 1.66E-05                             | 5.30E-04            | 1.25E-06                             | 8.78E-03            | 2.06E-05                             |
| West Virginia | Mineral County     | 54057 | R              | Arsenic Compounds | 0.00E+00            | 0.00E+00                             | 3.66E-04            | 1.13E-06                             | 1.97E-03            | 6.09E-06                             | 3.70E-04            | 1.14E-06                             | 2.71E-03            | 8.37E-06                             |
| West Virginia | Mingo County       | 54059 | R              | Arsenic Compounds | 0.00E+00            | 0.00E+00                             | 4.37E-04            | 1.01E-06                             | 1.89E-03            | 4.34E-06                             | 3.59E-04            | 8.27E-07                             | 2.68E-03            | 6.18E-06                             |
| West Virginia | Monongalia County  | 54061 | R              | Arsenic Compounds | 1.92E-01            | 5.29E-04                             | 1.72E-03            | 4.73E-06                             | 8.31E-03            | 2.29E-05                             | 1.40E-03            | 3.86E-06                             | 2.03E-01            | 5.60E-04                             |
| West Virginia | Monroe County      | 54063 | R              | Arsenic Compounds | 0.00E+00            | 0.00E+00                             | 1.74E-04            | 3.65E-07                             | 1.19E-03            | 2.49E-06                             | 4.15E-04            | 8.71E-07                             | 1.77E-03            | 3.72E-06                             |
| West Virginia | Morgan County      | 54065 | R              | Arsenic Compounds | 0.00E+00            | 0.00E+00                             | 2.00E-04            | 8.50E-07                             | 9.45E-04            | 4.03E-06                             | 1.46E-04            | 6.20E-07                             | 1.29E-03            | 5.50E-06                             |
| West Virginia | Nicholas County    | 54067 | R              | Arsenic Compounds | 0.00E+00            | 0.00E+00                             | 1.51E-03            | 2.34E-06                             | 1.97E-03            | 3.04E-06                             | 3.67E-04            | 5.67E-07                             | 3.85E-03            | 5.95E-06                             |
| West Virginia | Pendleton County   | 54071 | R              | Arsenic Compounds | 0.00E+00            | 0.00E+00                             | 2.21E-04            | 3.19E-07                             | 5.00E-04            | 7.21E-07                             | 3.83E-04            | 5.53E-07                             | 1.10E-03            | 1.59E-06                             |
| West Virginia | Pleasants County   | 54073 | R              | Arsenic Compounds | 5.25E-01            | 3.72E-03                             | 1.59E-04            | 1.13E-06                             | 5.00E-04            | 3.55E-06                             | 6.83E-04            | 4.84E-06                             | 5.26E-01            | 3.73E-03                             |
| West Virginia | Pocahontas County  | 54075 | R              | Arsenic Compounds | 0.00E+00            | 0.00E+00                             | 1.90E-04            | 2.01E-07                             | 8.00E-04            | 8.47E-07                             | 3.02E-04            | 3.20E-07                             | 1.29E-03            | 1.37E-06                             |
| West Virginia | Preston County     | 54077 | R              | Arsenic Compounds | 3.46E-02            | 5.22E-05                             | 4.27E-04            | 6.45E-07                             | 3.69E-03            | 5.57E-06                             | 6.20E-04            | 9.36E-07                             | 3.93E-02            | 5.94E-05                             |
| West Virginia | Raleigh County     | 54081 | R              | Arsenic Compounds | 0.00E+00            | 0.00E+00                             | 5.97E-02            | 9.84E-05                             | 9.60E-03            | 1.58E-05                             | 1.49E-03            | 2.45E-06                             | 7.08E-02            | 1.17E-04                             |
| West Virginia | Randolph County    | 54083 | R              | Arsenic Compounds | 0.00E+00            | 0.00E+00                             | 2.79E-03            | 2.68E-06                             | 2.25E-03            | 2.16E-06                             | 5.86E-04            | 5.62E-07                             | 5.63E-03            | 5.40E-06                             |
| West Virginia | Ritchie County     | 54085 | R              | Arsenic Compounds | 0.00E+00            | 0.00E+00                             | 1.81E-04            | 4.11E-07                             | 7.15E-04            | 1.62E-06                             | 2.63E-04            | 5.97E-07                             | 1.16E-03            | 2.63E-06                             |
| West Virginia | Roane County       | 54087 | R              | Arsenic Compounds | 0.00E+00            | 0.00E+00                             | 2.49E-04            | 5.08E-07                             | 2.11E-03            | 4.30E-06                             | 3.70E-04            | 7.55E-07                             | 2.72E-03            | 5.56E-06                             |
| West Virginia | Summers County     | 54089 | R              | Arsenic Compounds | 0.00E+00            | 0.00E+00                             | 1.78E-04            | 4.98E-07                             | 1.41E-03            | 3.93E-06                             | 1.74E-04            | 4.85E-07                             | 1.76E-03            | 4.91E-06                             |
| West Virginia | Taylor County      | 54091 | R              | Arsenic Compounds | 0.00E+00            | 0.00E+00                             | 2.16E-04            | 1.24E-06                             | 8.20E-04            | 4.72E-06                             | 1.79E-04            | 1.03E-06                             | 1.21E-03            | 6.99E-06                             |
| West Virginia | Tucker County      | 54093 | R              | Arsenic Compounds | 0.00E+00            | 0.00E+00                             | 1.51E-04            | 3.50E-07                             | 6.55E-04            | 1.52E-06                             | 1.35E-04            | 3.12E-07                             | 9.41E-04            | 2.18E-06                             |
| West Virginia | Tyler County       | 54095 | R              | Arsenic Compounds | 0.00E+00            | 0.00E+00                             | 1.80E-04            | 7.03E-07                             | 5.95E-04            | 2.32E-06                             | 6.25E-04            | 2.44E-06                             | 1.40E-03            | 5.46E-06                             |
| West Virginia | Upshur County      | 54097 | R              | Arsenic Compounds | 0.00E+00            | 0.00E+00                             | 1.04E-03            | 3.00E-06                             | 1.84E-03            | 5.28E-06                             | 3.86E-04            | 1.11E-06                             | 3.27E-03            | 9.39E-06                             |
| West Virginia | Webster County     | 54101 | R              | Arsenic Compounds | 0.00E+00            | 0.00E+00                             | 3.94E-04            | 7.05E-07                             | 4.25E-04            | 7.60E-07                             | 3.55E-04            | 6.36E-07                             | 1.17E-03            | 2.10E-06                             |
| West Virginia | Wetzel County      | 54103 | R              | Arsenic Compounds | 0.00E+00            | 0.00E+00                             | 4.38E-04            | 1.23E-06                             | 1.30E-03            | 3.65E-06                             | 7.78E-04            | 2.19E-06                             | 2.52E-03            | 7.07E-06                             |
| West Virginia | Wirt County        | 54105 | R              | Arsenic Compounds | 0.00E+00            | 0.00E+00                             | 7.64E-05            | 3.38E-07                             | 2.40E-04            | 1.06E-06                             | 1.25E-04            | 5.52E-07                             | 4.41E-04            | 1.95E-06                             |
| West Virginia | Wyoming County     | 54109 | R              | Arsenic Compounds | 0.00E+00            | 0.00E+00                             | 1.91E-01            | 3.76E-04                             | 2.41E-03            | 4.72E-06                             | 9.27E-04            | 1.82E-06                             | 1.95E-01            | 3.82E-04                             |
| West Virginia | All Rural Counties | N/A   | R              | Benzene           | 3.68E+01            | 1.75E-03                             | 9.11E+02            | 4.32E-02                             | 8.73E+02            | 4.14E-02                             | 2.31E+02            | 1.10E-02                             | 2.05E+03            | 9.74E-02                             |
| West Virginia | Barbour County     | 54001 | R              | Benzene           | 0.00E+00            | 0.00E+00                             | 1.07E+01            | 3.17E-02                             | 8.71E+00            | 2.57E-02                             | 2.24E+00            | 6.62E-03                             | 2.17E+01            | 6.40E-02                             |
| West Virginia | Boone County       | 54005 | R              | Benzene           | 0.00E+00            | 0.00E+00                             | 1.17E+01            | 2.29E-02                             | 1.57E+01            | 3.07E-02                             | 2.57E+00            | 5.05E-03                             | 2.99E+01            | 5.87E-02                             |
| West Virginia | Braxton County     | 54007 | R              | Benzene           | 6.29E-02            | 1.21E-04                             | 1.70E+01            | 3.28E-02                             | 2.78E+01            | 5.37E-02                             | 2.59E+00            | 5.00E-03                             | 4.75E+01            | 9.16E-02                             |
| West Virginia | Brooke County      | 54009 | R              | Benzene           | 2.41E+01            | 2.74E-01                             | 5.79E+00            | 6.58E-02                             | 1.60E+01            | 1.81E-01                             | 3.95E+00            | 4.48E-02                             | 4.98E+01            | 5.66E-01                             |
| West Virginia | Calhoun County     | 54013 | R              | Benzene           | 0.00E+00            | 0.00E+00                             | 1.81E+01            | 6.41E-02                             | 3.83E+00            | 1.36E-02                             | 6.66E-01            | 2.35E-03                             | 2.26E+01            | 8.00E-02                             |
| West Virginia | Clay County        | 54015 | R              | Benzene           | 0.00E+00            | 0.00E+00                             | 1.11E+01            | 3.20E-02                             | 8.14E+00            | 2.35E-02                             | 1.25E+00            | 3.60E-03                             | 2.05E+01            | 5.91E-02                             |
| West Virginia | Doddridge County   | 54017 | R              | Benzene           | 0.00E+00            | 0.00E+00                             | 8.27E+00            | 2.55E-02                             | 3.82E+00            | 1.18E-02                             | 6.36E-01            | 1.96E-03                             | 1.27E+01            | 3.92E-02                             |
| West Virginia | Fayette County     | 54019 | R              | Benzene           | 2.12E-04            | 3.11E-07                             | 2.23E+01            | 3.27E-02                             | 3.96E+01            | 5.80E-02                             | 1.21E+01            | 1.78E-02                             | 7.40E+01            | 1.08E-01                             |
| West Virginia | Gilmer County      | 54021 | R              | Benzene           | 0.00E+00            | 0.00E+00                             | 1.27E+01            | 3.73E-02                             | 3.65E+00            | 1.07E-02                             | 2.57E+00            | 7.54E-03                             | 1.89E+01            | 5.56E-02                             |
| West Virginia | Grant County       | 54023 | R              | Benzene           | 4.52E+00            | 9.41E-03                             | 1.37E+01            | 2.85E-02                             | 7.44E+00            | 1.55E-02                             | 6.65E+00            | 1.38E-02                             | 3.23E+01            | 6.72E-02                             |
| West Virginia | Greenbrier County  | 54025 | R              | Benzene           | 0.00E+00            | 0.00E+00                             | 2.98E+01            | 2.89E-02                             | 3.95E+01            | 1.11E-02                             | 1.08E-01            | 1.08E-02                             | 8.03E+01            | 7.81E-02                             |
| West Virginia | Hampshire County   | 54027 | R              | Benzene           | 0.00E+00            | 0.00E+00                             | 2.47E+01            | 3.86E-02                             | 9.32E+00            | 1.46E-02                             | 1.31E+01            | 2.05E-02                             | 4.71E+01            | 7.37E-02                             |
| West Virginia | Hardy County       | 54031 | R              | Benzene           | 0.00E+00            | 0.00E+00                             | 1.83E+01            | 3.07E-02                             | 8.01E+00            | 1.35E-02                             | 1.88E+00            | 3.15E-03                             | 2.82E+01            | 4.73E-02                             |
| West Virginia | Harrison County    | 54033 | R              | Benzene           | 7.65E-02            | 1.80E-04                             | 1.28E+02            | 3.01E-01                             | 6.12E+01            | 1.44E-01                             | 8.51E+00            | 2.00E-02                             | 1.98E+02            | 4.65E-01                             |
| West Virginia | Jackson County     | 54035 | R              | Benzene           | 0.00E+00            | 0.00E+00                             | 2.42E+01            | 5.05E-02                             | 3.56E+01            | 7.42E-02                             | 6.42E+00            | 1.34E-02                             | 6.63E+01            | 1.38E-01                             |
| West Virginia | Lewis County       | 54041 | R              | Benzene           | 0.00E+00            | 0.00E+00                             | 3.17E+01            | 8.24E-02                             | 2.10E+01            | 5.47E-02                             | 6.07E+00            | 1.58E-02                             | 5.88E+01            | 1.53E-01                             |
| West Virginia | Lincoln County     | 54043 | R              | Benzene           | 0.00E+00            | 0.00E+00                             | 2.04E+01            | 4.71E-02                             | 1.49E+01            | 3.44E-02                             | 3.40E+00            | 7.83E-03                             | 3.88E+01            | 8.94E-02                             |
| West Virginia | Logan County       | 54045 | R              | Benzene           | 0.00E+00            | 0.00E+00                             | 1.70E+01            | 3.77E-02                             | 2.50E+01            | 5.55E-02                             | 7.89E+00            | 1.75E-02                             | 4.98E+01            | 1.11E-01                             |
| West Virginia | McDowell County    | 54047 | R              | Benzene           | 0.00E+00            | 0.00E+00                             | 1.24E+01            | 2.36E-02                             | 1.80E+01            | 3.42E-02                             | 2.02E+00            | 3.83E-03                             | 3.24E+01            | 6.16E-02                             |
| West Virginia | Marion County      | 54049 | R              | Benzene           | 2.70E-03            | 8.71E-06                             | 1.52E+01            | 4.91E-02                             | 1.82E+01            | 1.10E-01                             | 5.44E+00            | 1.76E-02                             | 5.48E+01            | 1.77E-01                             |
| West Virginia | Marshall County    | 54051 | R              | Benzene           | 3.49E+00            | 1.12E-02                             | 2.08E+01            | 6.67E-02                             | 1.81E+01            | 5.83E-02                             | 6.16E+00            | 1.98E-02                             | 4.86E+01            | 1.56E-01                             |
| West Virginia | Mason County       | 54053 | R              | Benzene           | 3.96E+00            | 8.95E-03                             | 1.50E+01            | 3.39E-02                             | 1.42E+01            | 3.21E-02                             | 1.22E+01            | 2.75E-02                             | 4.54E+01            | 1.02E-01                             |

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| State         | County             | FIPS  | Urban or Rural | Pollutant | Major               |                                      | Area and Other      |                                      | Onroad Mobile       |                                      | Nonroad Mobile      |                                      | Total               |                                      |
|---------------|--------------------|-------|----------------|-----------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|
|               |                    |       |                |           | Emissions (tons/yr) | Emissions Density (tons/yr/sq. mile) |
| West Virginia | Mercer County      | 54055 | R              | Benzene   | 0.00E+00            | 0.00E+00                             | 2.70E+01            | 6.35E-02                             | 5.88E+01            | 1.38E-01                             | 6.49E+00            | 1.53E-02                             | 9.22E+01            | 2.17E-01                             |
| West Virginia | Mineral County     | 54057 | R              | Benzene   | 0.00E+00            | 0.00E+00                             | 1.40E+01            | 4.34E-02                             | 1.77E+01            | 5.47E-02                             | 4.42E+00            | 1.37E-02                             | 3.61E+01            | 1.12E-01                             |
| West Virginia | Mingo County       | 54059 | R              | Benzene   | 0.00E+00            | 0.00E+00                             | 2.55E+01            | 5.87E-02                             | 1.44E+01            | 3.31E-02                             | 2.51E+00            | 5.78E-03                             | 4.24E+01            | 9.76E-02                             |
| West Virginia | Monongalia County  | 54061 | R              | Benzene   | 1.00E-01            | 2.75E-04                             | 1.97E+01            | 5.43E-02                             | 7.71E+01            | 2.12E-01                             | 1.47E+01            | 4.05E-02                             | 1.12E+02            | 3.08E-01                             |
| West Virginia | Monroe County      | 54063 | R              | Benzene   | 0.00E+00            | 0.00E+00                             | 1.82E+01            | 3.82E-02                             | 8.89E+00            | 1.87E-02                             | 3.08E+00            | 6.47E-03                             | 3.02E+01            | 6.34E-02                             |
| West Virginia | Morgan County      | 54065 | R              | Benzene   | 0.00E+00            | 0.00E+00                             | 1.26E+01            | 5.38E-02                             | 7.13E+00            | 3.04E-02                             | 1.27E+00            | 5.39E-03                             | 2.10E+01            | 8.96E-02                             |
| West Virginia | Nicholas County    | 54067 | R              | Benzene   | 0.00E+00            | 0.00E+00                             | 2.18E+01            | 3.37E-02                             | 1.49E+01            | 2.30E-02                             | 8.67E+00            | 1.34E-02                             | 4.53E+01            | 7.01E-02                             |
| West Virginia | Pendleton County   | 54071 | R              | Benzene   | 0.00E+00            | 0.00E+00                             | 1.64E+01            | 2.37E-02                             | 3.86E+00            | 5.57E-03                             | 8.33E-01            | 1.20E-03                             | 2.11E+01            | 3.04E-02                             |
| West Virginia | Pleasants County   | 54073 | R              | Benzene   | 5.04E-01            | 3.58E-03                             | 4.36E+00            | 3.09E-02                             | 3.86E+00            | 2.74E-02                             | 5.46E+00            | 3.87E-02                             | 1.42E+01            | 1.01E-01                             |
| West Virginia | Pocahontas County  | 54075 | R              | Benzene   | 0.00E+00            | 0.00E+00                             | 1.75E+01            | 1.85E-02                             | 6.06E+00            | 6.41E-03                             | 5.70E+00            | 6.03E-03                             | 2.92E+01            | 3.10E-02                             |
| West Virginia | Preston County     | 54077 | R              | Benzene   | 2.37E-02            | 3.57E-05                             | 1.98E+01            | 2.98E-02                             | 2.74E+01            | 4.13E-02                             | 5.89E+00            | 8.89E-03                             | 5.30E+01            | 8.01E-02                             |
| West Virginia | Raleigh County     | 54081 | R              | Benzene   | 0.00E+00            | 0.00E+00                             | 2.89E+01            | 4.44E-02                             | 7.95E+01            | 1.31E-01                             | 1.21E+01            | 2.00E-02                             | 1.19E+02            | 1.95E-01                             |
| West Virginia | Randolph County    | 54083 | R              | Benzene   | 0.00E+00            | 0.00E+00                             | 3.88E+01            | 3.73E-02                             | 1.96E+01            | 1.88E-02                             | 7.06E+00            | 6.77E-03                             | 6.54E+01            | 6.28E-02                             |
| West Virginia | Ritchie County     | 54085 | R              | Benzene   | 0.00E+00            | 0.00E+00                             | 1.48E+01            | 3.36E-02                             | 5.38E+00            | 1.22E-02                             | 1.06E+00            | 2.39E-03                             | 2.12E+01            | 4.82E-02                             |
| West Virginia | Roane County       | 54087 | R              | Benzene   | 0.00E+00            | 0.00E+00                             | 2.58E+01            | 5.26E-02                             | 1.54E+01            | 3.15E-02                             | 1.44E+00            | 2.95E-03                             | 4.26E+01            | 8.71E-02                             |
| West Virginia | Summers County     | 54089 | R              | Benzene   | 0.00E+00            | 0.00E+00                             | 1.21E+01            | 3.38E-02                             | 1.05E+01            | 2.92E-02                             | 4.78E+00            | 1.34E-02                             | 2.73E+01            | 7.64E-02                             |
| West Virginia | Taylor County      | 54091 | R              | Benzene   | 0.00E+00            | 0.00E+00                             | 8.08E+00            | 4.65E-02                             | 7.88E+00            | 4.53E-02                             | 2.55E+00            | 1.47E-02                             | 1.85E+01            | 1.07E-01                             |
| West Virginia | Tucker County      | 54093 | R              | Benzene   | 0.00E+00            | 0.00E+00                             | 9.14E+00            | 2.12E-02                             | 5.02E+00            | 1.16E-02                             | 1.78E+00            | 4.07E-03                             | 1.59E+01            | 3.69E-02                             |
| West Virginia | Tyler County       | 54095 | R              | Benzene   | 0.00E+00            | 0.00E+00                             | 6.84E+00            | 2.67E-02                             | 4.57E+00            | 1.78E-02                             | 3.13E+00            | 1.22E-02                             | 1.45E+01            | 5.66E-02                             |
| West Virginia | Upshur County      | 54097 | R              | Benzene   | 0.00E+00            | 0.00E+00                             | 2.36E+01            | 6.78E-02                             | 1.61E+01            | 4.61E-02                             | 4.91E+00            | 1.41E-02                             | 4.46E+01            | 1.28E-01                             |
| West Virginia | Webster County     | 54101 | R              | Benzene   | 0.00E+00            | 0.00E+00                             | 1.26E+01            | 2.26E-02                             | 3.26E+00            | 5.83E-03                             | 4.82E+00            | 8.62E-03                             | 2.07E+01            | 3.71E-02                             |
| West Virginia | Wetzel County      | 54103 | R              | Benzene   | 0.00E+00            | 0.00E+00                             | 1.75E+01            | 4.92E-02                             | 1.26E+01            | 3.54E-02                             | 3.16E+00            | 8.87E-03                             | 3.33E+01            | 9.35E-02                             |
| West Virginia | Wirt County        | 54105 | R              | Benzene   | 0.00E+00            | 0.00E+00                             | 5.87E+00            | 2.60E-02                             | 1.87E+00            | 8.29E-03                             | 3.39E+00            | 1.50E-02                             | 1.11E+01            | 4.93E-02                             |
| West Virginia | Wyoming County     | 54109 | R              | Benzene   | 0.00E+00            | 0.00E+00                             | 2.31E+01            | 4.54E-02                             | 1.80E+01            | 3.54E-02                             | 2.61E+00            | 5.12E-03                             | 4.38E+01            | 8.60E-02                             |
| West Virginia | All Rural Counties | N/A   | R              | Benzidine | 0.00E+00            | 0.00E+00                             |
| West Virginia | Barbour County     | 54001 | R              | Benzidine | 0.00E+00            | 0.00E+00                             |
| West Virginia | Boone County       | 54005 | R              | Benzidine | 0.00E+00            | 0.00E+00                             |
| West Virginia | Braxton County     | 54007 | R              | Benzidine | 0.00E+00            | 0.00E+00                             |
| West Virginia | Brooke County      | 54009 | R              | Benzidine | 0.00E+00            | 0.00E+00                             |
| West Virginia | Calhoun County     | 54013 | R              | Benzidine | 0.00E+00            | 0.00E+00                             |
| West Virginia | Clay County        | 54015 | R              | Benzidine | 0.00E+00            | 0.00E+00                             |
| West Virginia | Doddridge County   | 54017 | R              | Benzidine | 0.00E+00            | 0.00E+00                             |
| West Virginia | Fayette County     | 54019 | R              | Benzidine | 0.00E+00            | 0.00E+00                             |
| West Virginia | Gilmer County      | 54021 | R              | Benzidine | 0.00E+00            | 0.00E+00                             |
| West Virginia | Grant County       | 54023 | R              | Benzidine | 0.00E+00            | 0.00E+00                             |
| West Virginia | Greenbrier County  | 54025 | R              | Benzidine | 0.00E+00            | 0.00E+00                             |
| West Virginia | Hampshire County   | 54027 | R              | Benzidine | 0.00E+00            | 0.00E+00                             |
| West Virginia | Hardy County       | 54031 | R              | Benzidine | 0.00E+00            | 0.00E+00                             |
| West Virginia | Harrison County    | 54033 | R              | Benzidine | 0.00E+00            | 0.00E+00                             |
| West Virginia | Jackson County     | 54035 | R              | Benzidine | 0.00E+00            | 0.00E+00                             |
| West Virginia | Lewis County       | 54041 | R              | Benzidine | 0.00E+00            | 0.00E+00                             |
| West Virginia | Lincoln County     | 54043 | R              | Benzidine | 0.00E+00            | 0.00E+00                             |
| West Virginia | Logan County       | 54045 | R              | Benzidine | 0.00E+00            | 0.00E+00                             |
| West Virginia | McDowell County    | 54047 | R              | Benzidine | 0.00E+00            | 0.00E+00                             |
| West Virginia | Marion County      | 54049 | R              | Benzidine | 0.00E+00            | 0.00E+00                             |
| West Virginia | Marshall County    | 54051 | R              | Benzidine | 0.00E+00            | 0.00E+00                             |
| West Virginia | Mason County       | 54053 | R              | Benzidine | 0.00E+00            | 0.00E+00                             |
| West Virginia | Mercer County      | 54055 | R              | Benzidine | 0.00E+00            | 0.00E+00                             |
| West Virginia | Mineral County     | 54057 | R              | Benzidine | 0.00E+00            | 0.00E+00                             |
| West Virginia | Mingo County       | 54059 | R              | Benzidine | 0.00E+00            | 0.00E+00                             |
| West Virginia | Monongalia County  | 54061 | R              | Benzidine | 0.00E+00            | 0.00E+00                             |
| West Virginia | Monroe County      | 54063 | R              | Benzidine | 0.00E+00            | 0.00E+00                             |
| West Virginia | Morgan County      | 54065 | R              | Benzidine | 0.00E+00            | 0.00E+00                             |
| West Virginia | Nicholas County    | 54067 | R              | Benzidine | 0.00E+00            | 0.00E+00                             |

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| State         | County             | FIPS  | Urban or Rural | Pollutant           | Major               |                                      | Area and Other      |                                      | Onroad Mobile       |                                      | Nonroad Mobile      |                                      | Total               |                                      |
|---------------|--------------------|-------|----------------|---------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|
|               |                    |       |                |                     | Emissions (tons/yr) | Emissions Density (tons/yr/sq. mile) |
| West Virginia | Pendleton County   | 54071 | R              | Benzidine           | 0.00E+00            | 0.00E+00                             |
| West Virginia | Pleasants County   | 54073 | R              | Benzidine           | 0.00E+00            | 0.00E+00                             |
| West Virginia | Pocahontas County  | 54075 | R              | Benzidine           | 0.00E+00            | 0.00E+00                             |
| West Virginia | Preston County     | 54077 | R              | Benzidine           | 0.00E+00            | 0.00E+00                             |
| West Virginia | Raleigh County     | 54081 | R              | Benzidine           | 0.00E+00            | 0.00E+00                             |
| West Virginia | Randolph County    | 54083 | R              | Benzidine           | 0.00E+00            | 0.00E+00                             |
| West Virginia | Ritchie County     | 54085 | R              | Benzidine           | 0.00E+00            | 0.00E+00                             |
| West Virginia | Roane County       | 54087 | R              | Benzidine           | 0.00E+00            | 0.00E+00                             |
| West Virginia | Summers County     | 54089 | R              | Benzidine           | 0.00E+00            | 0.00E+00                             |
| West Virginia | Taylor County      | 54091 | R              | Benzidine           | 0.00E+00            | 0.00E+00                             |
| West Virginia | Tucker County      | 54093 | R              | Benzidine           | 0.00E+00            | 0.00E+00                             |
| West Virginia | Tyler County       | 54095 | R              | Benzidine           | 0.00E+00            | 0.00E+00                             |
| West Virginia | Upshur County      | 54097 | R              | Benzidine           | 0.00E+00            | 0.00E+00                             |
| West Virginia | Webster County     | 54101 | R              | Benzidine           | 0.00E+00            | 0.00E+00                             |
| West Virginia | Wetzel County      | 54103 | R              | Benzidine           | 0.00E+00            | 0.00E+00                             |
| West Virginia | Wirt County        | 54105 | R              | Benzidine           | 0.00E+00            | 0.00E+00                             |
| West Virginia | Wyoming County     | 54109 | R              | Benzidine           | 0.00E+00            | 0.00E+00                             |
| West Virginia | All Rural Counties | N/A   | R              | Beryllium Compounds | 5.56E-01            | 2.64E-05                             | 6.43E-02            | 3.05E-06                             | 0.00E+00            | 0.00E+00                             | 4.86E-03            | 2.30E-07                             | 6.25E-01            | 2.97E-05                             |
| West Virginia | Barbour County     | 54001 | R              | Beryllium Compounds | 0.00E+00            | 0.00E+00                             | 6.29E-05            | 1.86E-07                             | 0.00E+00            | 0.00E+00                             | 6.00E-05            | 1.77E-07                             | 1.23E-04            | 3.63E-07                             |
| West Virginia | Boone County       | 54005 | R              | Beryllium Compounds | 0.00E+00            | 0.00E+00                             | 9.70E-05            | 1.90E-07                             | 0.00E+00            | 0.00E+00                             | 1.79E-04            | 3.50E-07                             | 2.76E-04            | 5.41E-07                             |
| West Virginia | Braxton County     | 54007 | R              | Beryllium Compounds | 0.00E+00            | 0.00E+00                             | 5.87E-05            | 1.13E-07                             | 0.00E+00            | 0.00E+00                             | 4.77E-05            | 9.20E-08                             | 1.08E-04            | 2.05E-07                             |
| West Virginia | Brooke County      | 54009 | R              | Beryllium Compounds | 3.01E-03            | 3.42E-05                             | 1.40E-04            | 1.59E-06                             | 0.00E+00            | 0.00E+00                             | 1.26E-05            | 1.43E-07                             | 3.16E-03            | 3.59E-05                             |
| West Virginia | Calhoun County     | 54013 | R              | Beryllium Compounds | 0.00E+00            | 0.00E+00                             | 2.99E-05            | 1.06E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.99E-05            | 1.06E-07                             |
| West Virginia | Clay County        | 54015 | R              | Beryllium Compounds | 0.00E+00            | 0.00E+00                             | 3.58E-05            | 1.03E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.58E-05            | 1.03E-07                             |
| West Virginia | Doddridge County   | 54017 | R              | Beryllium Compounds | 0.00E+00            | 0.00E+00                             | 2.66E-05            | 8.19E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.66E-05            | 8.19E-08                             |
| West Virginia | Fayette County     | 54019 | R              | Beryllium Compounds | 9.07E-04            | 1.33E-06                             | 1.98E-04            | 2.90E-07                             | 0.00E+00            | 0.00E+00                             | 3.91E-04            | 5.73E-07                             | 1.50E-03            | 2.19E-06                             |
| West Virginia | Gilmer County      | 54021 | R              | Beryllium Compounds | 0.00E+00            | 0.00E+00                             | 2.59E-05            | 7.63E-08                             | 0.00E+00            | 0.00E+00                             | 9.91E-07            | 2.91E-09                             | 2.69E-05            | 7.92E-08                             |
| West Virginia | Grant County       | 54023 | R              | Beryllium Compounds | 4.13E-01            | 8.61E-04                             | 5.28E-05            | 1.10E-07                             | 0.00E+00            | 0.00E+00                             | 5.61E-06            | 1.17E-08                             | 4.13E-01            | 8.61E-04                             |
| West Virginia | Greenbrier County  | 54025 | R              | Beryllium Compounds | 0.00E+00            | 0.00E+00                             | 3.04E-03            | 2.95E-06                             | 0.00E+00            | 0.00E+00                             | 3.50E-04            | 3.41E-07                             | 3.39E-03            | 3.29E-06                             |
| West Virginia | Hampshire County   | 54027 | R              | Beryllium Compounds | 0.00E+00            | 0.00E+00                             | 7.46E-05            | 1.17E-07                             | 0.00E+00            | 0.00E+00                             | 1.61E-04            | 2.51E-07                             | 2.35E-04            | 3.68E-07                             |
| West Virginia | Hardy County       | 54031 | R              | Beryllium Compounds | 0.00E+00            | 0.00E+00                             | 7.60E-05            | 1.28E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 7.60E-05            | 1.28E-07                             |
| West Virginia | Harrison County    | 54033 | R              | Beryllium Compounds | 7.67E-02            | 1.80E-04                             | 3.80E-04            | 8.93E-07                             | 0.00E+00            | 0.00E+00                             | 4.70E-05            | 1.11E-07                             | 7.71E-02            | 1.81E-04                             |
| West Virginia | Jackson County     | 54035 | R              | Beryllium Compounds | 0.00E+00            | 0.00E+00                             | 1.41E-04            | 2.93E-07                             | 0.00E+00            | 0.00E+00                             | 1.25E-04            | 2.61E-07                             | 2.66E-04            | 5.54E-07                             |
| West Virginia | Lewis County       | 54041 | R              | Beryllium Compounds | 0.00E+00            | 0.00E+00                             | 8.28E-05            | 2.15E-07                             | 0.00E+00            | 0.00E+00                             | 2.11E-05            | 5.48E-08                             | 1.04E-04            | 2.70E-07                             |
| West Virginia | Lincoln County     | 54043 | R              | Beryllium Compounds | 0.00E+00            | 0.00E+00                             | 7.15E-05            | 1.65E-07                             | 0.00E+00            | 0.00E+00                             | 8.63E-05            | 1.99E-07                             | 1.58E-04            | 3.64E-07                             |
| West Virginia | Logan County       | 54045 | R              | Beryllium Compounds | 0.00E+00            | 0.00E+00                             | 1.84E-04            | 4.10E-07                             | 0.00E+00            | 0.00E+00                             | 4.60E-05            | 1.02E-07                             | 2.30E-04            | 5.12E-07                             |
| West Virginia | McDowell County    | 54047 | R              | Beryllium Compounds | 0.00E+00            | 0.00E+00                             | 1.05E-04            | 2.00E-07                             | 0.00E+00            | 0.00E+00                             | 4.58E-04            | 8.70E-07                             | 5.63E-04            | 1.07E-06                             |
| West Virginia | Marion County      | 54049 | R              | Beryllium Compounds | 0.00E+00            | 0.00E+00                             | 2.71E-04            | 8.76E-07                             | 0.00E+00            | 0.00E+00                             | 4.31E-05            | 1.39E-07                             | 3.14E-04            | 1.02E-06                             |
| West Virginia | Marshall County    | 54051 | R              | Beryllium Compounds | 1.10E-02            | 3.54E-05                             | 1.48E-04            | 4.77E-07                             | 0.00E+00            | 0.00E+00                             | 4.18E-05            | 1.34E-07                             | 1.12E-02            | 3.61E-05                             |
| West Virginia | Mason County       | 54053 | R              | Beryllium Compounds | 1.58E-02            | 3.57E-05                             | 1.14E-04            | 2.58E-07                             | 0.00E+00            | 0.00E+00                             | 1.52E-04            | 3.43E-07                             | 1.61E-02            | 3.63E-05                             |
| West Virginia | Mercer County      | 54055 | R              | Beryllium Compounds | 0.00E+00            | 0.00E+00                             | 3.23E-04            | 7.61E-07                             | 0.00E+00            | 0.00E+00                             | 3.70E-04            | 8.71E-07                             | 6.94E-04            | 1.63E-06                             |
| West Virginia | Mineral County     | 54057 | R              | Beryllium Compounds | 0.00E+00            | 0.00E+00                             | 1.11E-04            | 3.45E-07                             | 0.00E+00            | 0.00E+00                             | 1.35E-04            | 4.18E-07                             | 2.47E-04            | 7.63E-07                             |
| West Virginia | Mingo County       | 54059 | R              | Beryllium Compounds | 0.00E+00            | 0.00E+00                             | 1.20E-04            | 2.76E-07                             | 0.00E+00            | 0.00E+00                             | 7.75E-04            | 1.79E-06                             | 8.95E-04            | 2.06E-06                             |
| West Virginia | Monongalia County  | 54061 | R              | Beryllium Compounds | 6.80E-03            | 1.87E-05                             | 4.85E-04            | 1.34E-06                             | 0.00E+00            | 0.00E+00                             | 4.85E-05            | 1.33E-07                             | 7.33E-03            | 2.02E-05                             |
| West Virginia | Monroe County      | 54063 | R              | Beryllium Compounds | 0.00E+00            | 0.00E+00                             | 4.63E-05            | 9.72E-08                             | 0.00E+00            | 0.00E+00                             | 1.21E-04            | 2.55E-07                             | 1.68E-04            | 3.52E-07                             |
| West Virginia | Morgan County      | 54065 | R              | Beryllium Compounds | 0.00E+00            | 0.00E+00                             | 5.54E-05            | 2.36E-07                             | 0.00E+00            | 0.00E+00                             | 3.92E-04            | 1.67E-06                             | 4.47E-04            | 1.91E-06                             |
| West Virginia | Nicholas County    | 54067 | R              | Beryllium Compounds | 0.00E+00            | 0.00E+00                             | 1.23E-04            | 1.90E-07                             | 0.00E+00            | 0.00E+00                             | 2.17E-05            | 3.36E-08                             | 1.45E-04            | 2.24E-07                             |
| West Virginia | Pendleton County   | 54071 | R              | Beryllium Compounds | 0.00E+00            | 0.00E+00                             | 1.13E-04            | 1.62E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.13E-04            | 1.62E-07                             |
| West Virginia | Pleasants County   | 54073 | R              | Beryllium Compounds | 2.66E-02            | 1.89E-04                             | 3.76E-05            | 2.67E-07                             | 0.00E+00            | 0.00E+00                             | 9.37E-05            | 6.64E-07                             | 2.68E-02            | 1.90E-04                             |
| West Virginia | Pocahontas County  | 54075 | R              | Beryllium Compounds | 0.00E+00            | 0.00E+00                             | 5.11E-05            | 5.41E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.11E-05            | 5.41E-08                             |
| West Virginia | Preston County     | 54077 | R              | Beryllium Compounds | 1.99E-03            | 3.01E-06                             | 1.14E-04            | 1.72E-07                             | 0.00E+00            | 0.00E+00                             | 1.02E-04            | 1.54E-07                             | 2.21E-03            | 3.33E-06                             |
| West Virginia | Raleigh County     | 54081 | R              | Beryllium Compounds | 0.00E+00            | 0.00E+00                             | 1.29E-02            | 2.12E-05                             | 0.00E+00            | 0.00E+00                             | 3.34E-05            | 5.50E-08                             | 1.29E-02            | 2.13E-05                             |
| West Virginia | Randolph County    | 54083 | R              | Beryllium Compounds | 0.00E+00            | 0.00E+00                             | 1.45E-04            | 1.39E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.45E-04            | 1.39E-07                             |
| West Virginia | Ritchie County     | 54085 | R              | Beryllium Compounds | 0.00E+00            | 0.00E+00                             | 4.42E-05            | 1.00E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.42E-05            | 1.00E-07                             |

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| State         | County             | FIPS  | Urban or Rural | Pollutant           | Major               |                                      | Area and Other      |                                      | Onroad Mobile       |                                      | Nonroad Mobile      |                                      | Total               |                                      |
|---------------|--------------------|-------|----------------|---------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|
|               |                    |       |                |                     | Emissions (tons/yr) | Emissions Density (tons/yr/sq. mile) |
| West Virginia | Roane County       | 54087 | R              | Beryllium Compounds | 0.00E+00            | 0.00E+00                             | 6.37E-05            | 1.30E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.37E-05            | 1.30E-07                             |
| West Virginia | Summers County     | 54089 | R              | Beryllium Compounds | 0.00E+00            | 0.00E+00                             | 4.96E-05            | 1.39E-07                             | 0.00E+00            | 0.00E+00                             | 2.04E-04            | 5.70E-07                             | 2.54E-04            | 7.09E-07                             |
| West Virginia | Taylor County      | 54091 | R              | Beryllium Compounds | 0.00E+00            | 0.00E+00                             | 5.75E-05            | 3.31E-07                             | 0.00E+00            | 0.00E+00                             | 7.28E-05            | 4.19E-07                             | 1.30E-04            | 7.50E-07                             |
| West Virginia | Tucker County      | 54093 | R              | Beryllium Compounds | 0.00E+00            | 0.00E+00                             | 3.98E-05            | 9.22E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.98E-05            | 9.22E-08                             |
| West Virginia | Tyler County       | 54095 | R              | Beryllium Compounds | 0.00E+00            | 0.00E+00                             | 4.38E-05            | 1.70E-07                             | 0.00E+00            | 0.00E+00                             | 3.82E-05            | 1.49E-07                             | 8.20E-05            | 3.19E-07                             |
| West Virginia | Upshur County      | 54097 | R              | Beryllium Compounds | 0.00E+00            | 0.00E+00                             | 1.58E-04            | 4.55E-07                             | 0.00E+00            | 0.00E+00                             | 4.76E-05            | 1.37E-07                             | 2.06E-04            | 5.91E-07                             |
| West Virginia | Webster County     | 54101 | R              | Beryllium Compounds | 0.00E+00            | 0.00E+00                             | 3.83E-05            | 6.86E-08                             | 0.00E+00            | 0.00E+00                             | 1.22E-05            | 2.18E-08                             | 5.05E-05            | 9.04E-08                             |
| West Virginia | Wetzel County      | 54103 | R              | Beryllium Compounds | 0.00E+00            | 0.00E+00                             | 9.79E-05            | 2.75E-07                             | 0.00E+00            | 0.00E+00                             | 8.06E-05            | 2.26E-07                             | 1.79E-04            | 5.02E-07                             |
| West Virginia | Wirt County        | 54105 | R              | Beryllium Compounds | 0.00E+00            | 0.00E+00                             | 2.04E-05            | 9.02E-08                             | 0.00E+00            | 0.00E+00                             | 5.82E-09            | 2.58E-11                             | 2.04E-05            | 9.03E-08                             |
| West Virginia | Wyoming County     | 54109 | R              | Beryllium Compounds | 0.00E+00            | 0.00E+00                             | 4.37E-02            | 8.58E-05                             | 0.00E+00            | 0.00E+00                             | 8.28E-05            | 1.63E-07                             | 4.38E-02            | 8.60E-05                             |
| West Virginia | All Rural Counties | N/A   | R              | 1,3-Butadiene       | 0.00E+00            | 0.00E+00                             | 6.44E+01            | 3.06E-03                             | 1.05E+02            | 4.98E-03                             | 2.48E+01            | 1.18E-03                             | 1.94E+02            | 9.21E-03                             |
| West Virginia | Barbour County     | 54001 | R              | 1,3-Butadiene       | 0.00E+00            | 0.00E+00                             | 8.76E-01            | 2.59E-03                             | 1.06E+00            | 3.12E-03                             | 2.48E-01            | 7.32E-04                             | 2.18E+00            | 6.45E-03                             |
| West Virginia | Boone County       | 54005 | R              | 1,3-Butadiene       | 0.00E+00            | 0.00E+00                             | 1.75E+00            | 3.43E-03                             | 1.90E+00            | 3.73E-03                             | 3.29E-01            | 6.45E-04                             | 3.98E+00            | 7.81E-03                             |
| West Virginia | Braxton County     | 54007 | R              | 1,3-Butadiene       | 0.00E+00            | 0.00E+00                             | 1.62E+00            | 3.13E-03                             | 3.33E+00            | 6.43E-03                             | 2.66E-01            | 5.13E-04                             | 5.22E+00            | 1.01E-02                             |
| West Virginia | Brooke County      | 54009 | R              | 1,3-Butadiene       | 0.00E+00            | 0.00E+00                             | 2.32E-01            | 2.64E-03                             | 1.90E+00            | 2.15E-02                             | 4.06E-01            | 4.61E-03                             | 2.53E+00            | 2.88E-02                             |
| West Virginia | Calhoun County     | 54013 | R              | 1,3-Butadiene       | 0.00E+00            | 0.00E+00                             | 9.02E-01            | 3.19E-03                             | 4.68E-01            | 1.65E-03                             | 8.93E-02            | 3.16E-04                             | 1.46E+00            | 5.16E-03                             |
| West Virginia | Clay County        | 54015 | R              | 1,3-Butadiene       | 0.00E+00            | 0.00E+00                             | 1.19E+00            | 3.45E-03                             | 9.81E-01            | 2.83E-03                             | 1.24E-01            | 3.59E-04                             | 2.30E+00            | 6.64E-03                             |
| West Virginia | Doddridge County   | 54017 | R              | 1,3-Butadiene       | 0.00E+00            | 0.00E+00                             | 1.09E+00            | 3.35E-03                             | 4.65E-01            | 1.43E-03                             | 8.25E-02            | 2.54E-04                             | 1.63E+00            | 5.03E-03                             |
| West Virginia | Fayette County     | 54019 | R              | 1,3-Butadiene       | 0.00E+00            | 0.00E+00                             | 2.09E+00            | 3.06E-03                             | 4.77E+00            | 6.99E-03                             | 1.28E+00            | 1.87E-03                             | 8.14E+00            | 1.19E-02                             |
| West Virginia | Gilmer County      | 54021 | R              | 1,3-Butadiene       | 0.00E+00            | 0.00E+00                             | 1.07E+00            | 3.15E-03                             | 4.44E-01            | 1.31E-03                             | 2.32E-01            | 6.81E-04                             | 1.75E+00            | 5.14E-03                             |
| West Virginia | Grant County       | 54023 | R              | 1,3-Butadiene       | 0.00E+00            | 0.00E+00                             | 1.42E+00            | 2.95E-03                             | 9.05E-01            | 1.88E-03                             | 5.96E-01            | 1.24E-03                             | 2.92E+00            | 6.07E-03                             |
| West Virginia | Greenbrier County  | 54025 | R              | 1,3-Butadiene       | 0.00E+00            | 0.00E+00                             | 2.97E+00            | 2.89E-03                             | 4.75E+00            | 4.61E-03                             | 1.19E+00            | 1.16E-03                             | 8.91E+00            | 8.66E-03                             |
| West Virginia | Hampshire County   | 54027 | R              | 1,3-Butadiene       | 0.00E+00            | 0.00E+00                             | 1.99E+00            | 3.10E-03                             | 1.14E+00            | 1.78E-03                             | 1.20E+00            | 1.87E-03                             | 4.32E+00            | 6.75E-03                             |
| West Virginia | Hardy County       | 54031 | R              | 1,3-Butadiene       | 0.00E+00            | 0.00E+00                             | 1.79E+00            | 3.00E-03                             | 9.74E-01            | 1.63E-03                             | 2.42E-01            | 4.06E-04                             | 3.00E+00            | 5.04E-03                             |
| West Virginia | Harrison County    | 54033 | R              | 1,3-Butadiene       | 0.00E+00            | 0.00E+00                             | 9.27E-01            | 2.18E-03                             | 7.28E+00            | 1.71E-02                             | 1.20E+00            | 2.83E-03                             | 9.41E+00            | 2.21E-02                             |
| West Virginia | Jackson County     | 54035 | R              | 1,3-Butadiene       | 0.00E+00            | 0.00E+00                             | 1.32E+00            | 2.75E-03                             | 4.27E+00            | 8.90E-03                             | 6.27E-01            | 1.31E-03                             | 6.22E+00            | 1.30E-02                             |
| West Virginia | Lewis County       | 54041 | R              | 1,3-Butadiene       | 0.00E+00            | 0.00E+00                             | 1.19E+00            | 3.08E-03                             | 2.52E+00            | 6.56E-03                             | 6.03E-01            | 1.57E-03                             | 4.31E+00            | 1.12E-02                             |
| West Virginia | Lincoln County     | 54043 | R              | 1,3-Butadiene       | 0.00E+00            | 0.00E+00                             | 1.48E+00            | 3.42E-03                             | 1.81E+00            | 4.18E-03                             | 3.41E-01            | 7.86E-04                             | 3.64E+00            | 8.39E-03                             |
| West Virginia | Logan County       | 54045 | R              | 1,3-Butadiene       | 0.00E+00            | 0.00E+00                             | 1.58E+00            | 3.51E-03                             | 3.03E+00            | 6.74E-03                             | 7.92E-01            | 1.76E-03                             | 5.40E+00            | 1.20E-02                             |
| West Virginia | McDowell County    | 54047 | R              | 1,3-Butadiene       | 0.00E+00            | 0.00E+00                             | 1.91E+00            | 3.63E-03                             | 2.19E+00            | 4.15E-03                             | 3.49E-01            | 6.62E-04                             | 4.45E+00            | 8.45E-03                             |
| West Virginia | Marion County      | 54049 | R              | 1,3-Butadiene       | 0.00E+00            | 0.00E+00                             | 8.19E-01            | 2.64E-03                             | 4.07E+00            | 1.32E-02                             | 7.08E-01            | 2.29E-03                             | 5.60E+00            | 1.81E-02                             |
| West Virginia | Marshall County    | 54051 | R              | 1,3-Butadiene       | 0.00E+00            | 0.00E+00                             | 8.20E-01            | 2.64E-03                             | 2.17E+00            | 6.97E-03                             | 6.27E-01            | 2.02E-03                             | 3.62E+00            | 1.16E-02                             |
| West Virginia | Mason County       | 54053 | R              | 1,3-Butadiene       | 0.00E+00            | 0.00E+00                             | 1.04E+00            | 2.35E-03                             | 1.72E+00            | 3.89E-03                             | 1.08E+00            | 2.44E-03                             | 3.84E+00            | 8.68E-03                             |
| West Virginia | Mercer County      | 54055 | R              | 1,3-Butadiene       | 0.00E+00            | 0.00E+00                             | 1.16E+00            | 2.73E-03                             | 7.03E+00            | 1.65E-02                             | 8.78E-01            | 2.07E-03                             | 9.07E+00            | 2.13E-02                             |
| West Virginia | Mineral County     | 54057 | R              | 1,3-Butadiene       | 0.00E+00            | 0.00E+00                             | 9.90E-01            | 3.06E-03                             | 2.12E+00            | 6.55E-03                             | 4.77E-01            | 1.47E-03                             | 3.58E+00            | 1.11E-02                             |
| West Virginia | Mingo County       | 54059 | R              | 1,3-Butadiene       | 0.00E+00            | 0.00E+00                             | 1.46E+00            | 3.37E-03                             | 1.74E+00            | 4.02E-03                             | 4.25E-01            | 9.80E-04                             | 3.63E+00            | 8.37E-03                             |
| West Virginia | Monongalia County  | 54061 | R              | 1,3-Butadiene       | 0.00E+00            | 0.00E+00                             | 9.64E-01            | 2.66E-03                             | 9.15E+00            | 2.52E-02                             | 1.58E+00            | 4.36E-03                             | 1.17E+01            | 3.22E-02                             |
| West Virginia | Monroe County      | 54063 | R              | 1,3-Butadiene       | 0.00E+00            | 0.00E+00                             | 1.23E+00            | 2.57E-03                             | 1.08E+00            | 2.27E-03                             | 3.26E-01            | 6.86E-04                             | 2.63E+00            | 5.53E-03                             |
| West Virginia | Morgan County      | 54065 | R              | 1,3-Butadiene       | 0.00E+00            | 0.00E+00                             | 6.53E-01            | 2.78E-03                             | 8.67E-01            | 3.69E-03                             | 2.34E-01            | 9.95E-04                             | 1.75E+00            | 7.47E-03                             |
| West Virginia | Nicholas County    | 54067 | R              | 1,3-Butadiene       | 0.00E+00            | 0.00E+00                             | 2.11E+00            | 3.25E-03                             | 1.80E+00            | 2.79E-03                             | 8.96E-01            | 1.39E-03                             | 4.81E+00            | 7.43E-03                             |
| West Virginia | Pendleton County   | 54071 | R              | 1,3-Butadiene       | 0.00E+00            | 0.00E+00                             | 2.19E+00            | 3.16E-03                             | 4.71E-01            | 6.79E-04                             | 1.20E-01            | 1.73E-04                             | 2.78E+00            | 4.01E-03                             |
| West Virginia | Pleasants County   | 54073 | R              | 1,3-Butadiene       | 0.00E+00            | 0.00E+00                             | 3.62E-01            | 2.57E-03                             | 4.69E-01            | 3.33E-03                             | 4.17E-01            | 2.96E-03                             | 1.25E+00            | 8.85E-03                             |
| West Virginia | Pocahontas County  | 54075 | R              | 1,3-Butadiene       | 0.00E+00            | 0.00E+00                             | 2.99E+00            | 3.17E-03                             | 7.36E-01            | 7.79E-04                             | 5.10E-01            | 5.42E-04                             | 4.24E+00            | 4.49E-03                             |
| West Virginia | Preston County     | 54077 | R              | 1,3-Butadiene       | 0.00E+00            | 0.00E+00                             | 1.80E+00            | 2.72E-03                             | 3.30E+00            | 4.98E-03                             | 6.08E-01            | 9.19E-04                             | 5.71E+00            | 8.63E-03                             |
| West Virginia | Raleigh County     | 54081 | R              | 1,3-Butadiene       | 0.00E+00            | 0.00E+00                             | 1.86E+00            | 3.06E-03                             | 9.50E+00            | 1.57E-02                             | 1.50E+00            | 2.47E-03                             | 1.29E+01            | 2.12E-02                             |
| West Virginia | Randolph County    | 54083 | R              | 1,3-Butadiene       | 0.00E+00            | 0.00E+00                             | 3.47E+00            | 3.33E-03                             | 2.35E+00            | 2.25E-03                             | 7.92E-01            | 7.60E-04                             | 6.61E+00            | 6.34E-03                             |
| West Virginia | Ritchie County     | 54085 | R              | 1,3-Butadiene       | 0.00E+00            | 0.00E+00                             | 1.44E+00            | 3.27E-03                             | 6.54E-01            | 1.48E-03                             | 1.39E-01            | 3.15E-04                             | 2.23E+00            | 5.07E-03                             |
| West Virginia | Roane County       | 54087 | R              | 1,3-Butadiene       | 0.00E+00            | 0.00E+00                             | 1.47E+00            | 3.01E-03                             | 1.86E+00            | 3.80E-03                             | 2.08E-01            | 4.26E-04                             | 3.54E+00            | 7.24E-03                             |
| West Virginia | Summers County     | 54089 | R              | 1,3-Butadiene       | 0.00E+00            | 0.00E+00                             | 1.03E+00            | 2.88E-03                             | 1.26E+00            | 3.52E-03                             | 4.86E-01            | 1.36E-03                             | 2.78E+00            | 7.76E-03                             |
| West Virginia | Taylor County      | 54091 | R              | 1,3-Butadiene       | 0.00E+00            | 0.00E+00                             | 4.22E-01            | 2.43E-03                             | 9.43E-01            | 5.43E-03                             | 2.59E-01            | 1.49E-03                             | 1.63E+00            | 9.35E-03                             |
| West Virginia | Tucker County      | 54093 | R              | 1,3-Butadiene       | 0.00E+00            | 0.00E+00                             | 1.37E+00            | 3.17E-03                             | 6.10E-01            | 1.41E-03                             | 1.72E-01            | 4.00E-04                             | 2.15E+00            | 4.98E-03                             |
| West Virginia | Tyler County       | 54095 | R              | 1,3-Butadiene       | 0.00E+00            | 0.00E+00                             | 8.61E-01            | 3.36E-03                             | 5.55E-01            | 2.16E-03                             | 2.61E-01            | 1.02E-03                             | 1.68E+00            | 6.53E-03                             |
| West Virginia | Upshur County      | 54097 | R              | 1,3-Butadiene       | 0.00E+00            | 0.00E+00                             | 1.03E+00            | 2.95E-03                             | 1.93E+00            | 5.54E-03                             | 5.77E-01            | 1.66E-03                             | 3.53E+00            | 1.01E-02                             |
| West Virginia | Webster County     | 54101 | R              | 1,3-Butadiene       | 0.00E+00            | 0.00E+00                             | 1.95E+00            | 3.49E-03                             | 3.99E-01            | 7.14E-04                             | 4.35E-01            | 7.78E-04                             | 2.79E+00            | 4.99E-03                             |

DRAFT FOR REVIEW ONLY

| State         | County             | FIPS  | Urban or Rural | Pollutant         | Major               |                                      | Area and Other      |                                      | Onroad Mobile       |                                      | Nonroad Mobile      |                                      | Total               |                                      |
|---------------|--------------------|-------|----------------|-------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|
|               |                    |       |                |                   | Emissions (tons/yr) | Emissions Density (tons/yr/sq. mile) |
| West Virginia | Wetzel County      | 54103 | R              | 1,3-Butadiene     | 0.00E+00            | 0.00E+00                             | 1.17E+00            | 3.28E-03                             | 1.50E+00            | 4.22E-03                             | 3.02E-01            | 8.49E-04                             | 2.97E+00            | 8.35E-03                             |
| West Virginia | Wirt County        | 54105 | R              | 1,3-Butadiene     | 0.00E+00            | 0.00E+00                             | 6.66E-01            | 2.95E-03                             | 2.29E-01            | 1.02E-03                             | 2.85E-01            | 1.26E-03                             | 1.18E+00            | 5.23E-03                             |
| West Virginia | Wyoming County     | 54109 | R              | 1,3-Butadiene     | 0.00E+00            | 0.00E+00                             | 1.71E+00            | 3.36E-03                             | 2.19E+00            | 4.30E-03                             | 3.29E-01            | 6.47E-04                             | 4.23E+00            | 8.31E-03                             |
| West Virginia | All Rural Counties | N/A   | R              | Cadmium Compounds | 5.26E-01            | 2.50E-05                             | 1.48E-02            | 7.02E-07                             | 0.00E+00            | 0.00E+00                             | 5.85E-03            | 2.78E-07                             | 5.47E-01            | 2.59E-05                             |
| West Virginia | Barbour County     | 54001 | R              | Cadmium Compounds | 0.00E+00            | 0.00E+00                             | 1.29E-04            | 3.82E-07                             | 0.00E+00            | 0.00E+00                             | 6.00E-05            | 1.77E-07                             | 1.89E-04            | 5.60E-07                             |
| West Virginia | Boone County       | 54005 | R              | Cadmium Compounds | 0.00E+00            | 0.00E+00                             | 1.38E-04            | 2.71E-07                             | 0.00E+00            | 0.00E+00                             | 1.79E-04            | 3.50E-07                             | 3.17E-04            | 6.21E-07                             |
| West Virginia | Braxton County     | 54007 | R              | Cadmium Compounds | 0.00E+00            | 0.00E+00                             | 1.52E-04            | 2.94E-07                             | 0.00E+00            | 0.00E+00                             | 4.77E-05            | 9.20E-08                             | 2.00E-04            | 3.86E-07                             |
| West Virginia | Brooke County      | 54009 | R              | Cadmium Compounds | 7.31E-03            | 8.30E-05                             | 1.79E-04            | 2.03E-06                             | 0.00E+00            | 0.00E+00                             | 1.02E-04            | 1.16E-06                             | 7.59E-03            | 8.62E-05                             |
| West Virginia | Calhoun County     | 54013 | R              | Cadmium Compounds | 0.00E+00            | 0.00E+00                             | 4.92E-05            | 1.74E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.92E-05            | 1.74E-07                             |
| West Virginia | Clay County        | 54015 | R              | Cadmium Compounds | 0.00E+00            | 0.00E+00                             | 9.54E-05            | 2.76E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 9.54E-05            | 2.76E-07                             |
| West Virginia | Doddridge County   | 54017 | R              | Cadmium Compounds | 0.00E+00            | 0.00E+00                             | 4.23E-05            | 1.30E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.23E-05            | 1.30E-07                             |
| West Virginia | Fayette County     | 54019 | R              | Cadmium Compounds | 2.21E-03            | 3.24E-06                             | 3.42E-04            | 5.01E-07                             | 0.00E+00            | 0.00E+00                             | 3.94E-04            | 5.77E-07                             | 2.94E-03            | 4.31E-06                             |
| West Virginia | Gilmer County      | 54021 | R              | Cadmium Compounds | 0.00E+00            | 0.00E+00                             | 4.38E-05            | 1.29E-07                             | 0.00E+00            | 0.00E+00                             | 9.91E-07            | 2.91E-09                             | 4.48E-05            | 1.32E-07                             |
| West Virginia | Grant County       | 54023 | R              | Cadmium Compounds | 1.78E-01            | 3.70E-04                             | 1.66E-04            | 3.46E-07                             | 0.00E+00            | 0.00E+00                             | 5.61E-06            | 1.17E-08                             | 1.78E-01            | 3.70E-04                             |
| West Virginia | Greenbrier County  | 54025 | R              | Cadmium Compounds | 0.00E+00            | 0.00E+00                             | 4.89E-04            | 4.75E-07                             | 0.00E+00            | 0.00E+00                             | 3.50E-04            | 3.41E-07                             | 8.39E-04            | 8.16E-07                             |
| West Virginia | Hampshire County   | 54027 | R              | Cadmium Compounds | 0.00E+00            | 0.00E+00                             | 2.51E-04            | 3.93E-07                             | 0.00E+00            | 0.00E+00                             | 1.61E-04            | 2.51E-07                             | 4.12E-04            | 6.44E-07                             |
| West Virginia | Hardy County       | 54031 | R              | Cadmium Compounds | 9.23E-06            | 1.55E-08                             | 2.57E-04            | 4.32E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.67E-04            | 4.48E-07                             |
| West Virginia | Harrison County    | 54033 | R              | Cadmium Compounds | 2.34E-02            | 5.52E-05                             | 5.71E-04            | 1.34E-06                             | 0.00E+00            | 0.00E+00                             | 4.70E-05            | 1.11E-07                             | 2.41E-02            | 5.66E-05                             |
| West Virginia | Jackson County     | 54035 | R              | Cadmium Compounds | 0.00E+00            | 0.00E+00                             | 2.84E-04            | 5.91E-07                             | 0.00E+00            | 0.00E+00                             | 2.26E-04            | 4.71E-07                             | 5.10E-04            | 1.06E-06                             |
| West Virginia | Lewis County       | 54041 | R              | Cadmium Compounds | 0.00E+00            | 0.00E+00                             | 1.29E-04            | 3.35E-07                             | 0.00E+00            | 0.00E+00                             | 2.11E-05            | 5.48E-08                             | 1.50E-04            | 3.90E-07                             |
| West Virginia | Lincoln County     | 54043 | R              | Cadmium Compounds | 0.00E+00            | 0.00E+00                             | 1.36E-04            | 3.14E-07                             | 0.00E+00            | 0.00E+00                             | 8.63E-05            | 1.99E-07                             | 2.23E-04            | 5.13E-07                             |
| West Virginia | Logan County       | 54045 | R              | Cadmium Compounds | 0.00E+00            | 0.00E+00                             | 2.55E-04            | 5.68E-07                             | 0.00E+00            | 0.00E+00                             | 4.60E-05            | 1.02E-07                             | 3.01E-04            | 6.70E-07                             |
| West Virginia | McDowell County    | 54047 | R              | Cadmium Compounds | 0.00E+00            | 0.00E+00                             | 3.06E-04            | 5.81E-07                             | 0.00E+00            | 0.00E+00                             | 4.68E-04            | 8.90E-07                             | 7.74E-04            | 1.47E-06                             |
| West Virginia | Marion County      | 54049 | R              | Cadmium Compounds | 0.00E+00            | 0.00E+00                             | 4.10E-04            | 1.32E-06                             | 0.00E+00            | 0.00E+00                             | 4.91E-05            | 1.59E-07                             | 4.59E-04            | 1.48E-06                             |
| West Virginia | Marshall County    | 54051 | R              | Cadmium Compounds | 1.28E-01            | 4.13E-04                             | 6.54E-04            | 2.10E-06                             | 0.00E+00            | 0.00E+00                             | 1.69E-04            | 5.44E-07                             | 1.29E-01            | 4.15E-04                             |
| West Virginia | Mason County       | 54053 | R              | Cadmium Compounds | 1.56E-01            | 3.52E-04                             | 2.49E-04            | 5.62E-07                             | 0.00E+00            | 0.00E+00                             | 3.85E-04            | 8.70E-07                             | 1.56E-01            | 3.53E-04                             |
| West Virginia | Mercer County      | 54055 | R              | Cadmium Compounds | 0.00E+00            | 0.00E+00                             | 9.69E-04            | 2.28E-06                             | 0.00E+00            | 0.00E+00                             | 3.70E-04            | 8.71E-07                             | 1.34E-03            | 3.15E-06                             |
| West Virginia | Mineral County     | 54057 | R              | Cadmium Compounds | 0.00E+00            | 0.00E+00                             | 2.14E-04            | 6.61E-07                             | 0.00E+00            | 0.00E+00                             | 1.35E-04            | 4.18E-07                             | 3.49E-04            | 1.08E-06                             |
| West Virginia | Mingo County       | 54059 | R              | Cadmium Compounds | 0.00E+00            | 0.00E+00                             | 1.64E-04            | 3.77E-07                             | 0.00E+00            | 0.00E+00                             | 8.18E-04            | 1.88E-06                             | 9.81E-04            | 2.26E-06                             |
| West Virginia | Monongalia County  | 54061 | R              | Cadmium Compounds | 5.30E-03            | 1.46E-05                             | 6.72E-04            | 1.85E-06                             | 0.00E+00            | 0.00E+00                             | 6.38E-05            | 1.76E-07                             | 6.04E-03            | 1.66E-05                             |
| West Virginia | Monroe County      | 54063 | R              | Cadmium Compounds | 0.00E+00            | 0.00E+00                             | 1.75E-04            | 3.67E-07                             | 0.00E+00            | 0.00E+00                             | 1.21E-04            | 2.55E-07                             | 2.96E-04            | 6.22E-07                             |
| West Virginia | Morgan County      | 54065 | R              | Cadmium Compounds | 0.00E+00            | 0.00E+00                             | 1.59E-04            | 6.76E-07                             | 0.00E+00            | 0.00E+00                             | 3.92E-04            | 1.67E-06                             | 5.50E-04            | 2.35E-06                             |
| West Virginia | Nicholas County    | 54067 | R              | Cadmium Compounds | 0.00E+00            | 0.00E+00                             | 7.13E-04            | 1.10E-06                             | 0.00E+00            | 0.00E+00                             | 2.17E-05            | 3.36E-08                             | 7.34E-04            | 1.14E-06                             |
| West Virginia | Pendleton County   | 54071 | R              | Cadmium Compounds | 0.00E+00            | 0.00E+00                             | 1.39E-04            | 2.00E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.39E-04            | 2.00E-07                             |
| West Virginia | Pleasants County   | 54073 | R              | Cadmium Compounds | 2.45E-02            | 1.74E-04                             | 7.11E-05            | 5.04E-07                             | 0.00E+00            | 0.00E+00                             | 2.31E-04            | 1.64E-06                             | 2.48E-02            | 1.76E-04                             |
| West Virginia | Pocahontas County  | 54075 | R              | Cadmium Compounds | 0.00E+00            | 0.00E+00                             | 1.55E-04            | 1.64E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.55E-04            | 1.64E-07                             |
| West Virginia | Preston County     | 54077 | R              | Cadmium Compounds | 1.76E-03            | 2.65E-06                             | 2.29E-04            | 3.45E-07                             | 0.00E+00            | 0.00E+00                             | 1.02E-04            | 1.54E-07                             | 2.09E-03            | 3.15E-06                             |
| West Virginia | Raleigh County     | 54081 | R              | Cadmium Compounds | 0.00E+00            | 0.00E+00                             | 1.61E-03            | 2.66E-06                             | 0.00E+00            | 0.00E+00                             | 3.34E-05            | 5.50E-08                             | 1.64E-03            | 2.71E-06                             |
| West Virginia | Randolph County    | 54083 | R              | Cadmium Compounds | 0.00E+00            | 0.00E+00                             | 9.21E-04            | 8.83E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 9.21E-04            | 8.83E-07                             |
| West Virginia | Ritchie County     | 54085 | R              | Cadmium Compounds | 0.00E+00            | 0.00E+00                             | 7.68E-05            | 1.74E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 7.68E-05            | 1.74E-07                             |
| West Virginia | Roane County       | 54087 | R              | Cadmium Compounds | 0.00E+00            | 0.00E+00                             | 1.36E-04            | 2.78E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.36E-04            | 2.78E-07                             |
| West Virginia | Summers County     | 54089 | R              | Cadmium Compounds | 0.00E+00            | 0.00E+00                             | 1.33E-04            | 3.72E-07                             | 0.00E+00            | 0.00E+00                             | 2.04E-04            | 5.70E-07                             | 3.37E-04            | 9.42E-07                             |
| West Virginia | Taylor County      | 54091 | R              | Cadmium Compounds | 0.00E+00            | 0.00E+00                             | 1.07E-04            | 6.19E-07                             | 0.00E+00            | 0.00E+00                             | 7.28E-05            | 4.19E-07                             | 1.80E-04            | 1.04E-06                             |
| West Virginia | Tucker County      | 54093 | R              | Cadmium Compounds | 0.00E+00            | 0.00E+00                             | 9.52E-05            | 2.21E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 9.52E-05            | 2.21E-07                             |
| West Virginia | Tyler County       | 54095 | R              | Cadmium Compounds | 0.00E+00            | 0.00E+00                             | 9.22E-05            | 3.59E-07                             | 0.00E+00            | 0.00E+00                             | 1.43E-04            | 5.59E-07                             | 2.36E-04            | 9.18E-07                             |
| West Virginia | Upshur County      | 54097 | R              | Cadmium Compounds | 0.00E+00            | 0.00E+00                             | 3.91E-04            | 1.12E-06                             | 0.00E+00            | 0.00E+00                             | 4.76E-05            | 1.37E-07                             | 4.38E-04            | 1.26E-06                             |
| West Virginia | Webster County     | 54101 | R              | Cadmium Compounds | 0.00E+00            | 0.00E+00                             | 1.69E-04            | 3.03E-07                             | 0.00E+00            | 0.00E+00                             | 1.22E-05            | 2.18E-08                             | 1.81E-04            | 3.24E-07                             |
| West Virginia | Wetzel County      | 54103 | R              | Cadmium Compounds | 0.00E+00            | 0.00E+00                             | 1.98E-04            | 5.56E-07                             | 0.00E+00            | 0.00E+00                             | 2.06E-04            | 5.78E-07                             | 4.04E-04            | 1.13E-06                             |
| West Virginia | Wirt County        | 54105 | R              | Cadmium Compounds | 0.00E+00            | 0.00E+00                             | 5.75E-05            | 2.54E-07                             | 0.00E+00            | 0.00E+00                             | 8.15E-08            | 3.61E-10                             | 5.75E-05            | 2.55E-07                             |
| West Virginia | Wyoming County     | 54109 | R              | Cadmium Compounds | 0.00E+00            | 0.00E+00                             | 1.83E-03            | 3.60E-06                             | 0.00E+00            | 0.00E+00                             | 8.28E-05            | 1.63E-07                             | 1.91E-03            | 3.76E-06                             |
| West Virginia | All Rural Counties | N/A   | R              | Carbon Disulfide  | 9.51E+01            | 4.51E-03                             | 4.54E+00            | 2.15E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 9.96E+01            | 4.73E-03                             |
| West Virginia | Barbour County     | 54001 | R              | Carbon Disulfide  | 0.00E+00            | 0.00E+00                             | 1.83E-02            | 5.42E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.83E-02            | 5.42E-05                             |
| West Virginia | Boone County       | 54005 | R              | Carbon Disulfide  | 0.00E+00            | 0.00E+00                             | 3.02E-02            | 5.92E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.02E-02            | 5.92E-05                             |
| West Virginia | Braxton County     | 54007 | R              | Carbon Disulfide  | 0.00E+00            | 0.00E+00                             | 1.56E-02            | 3.01E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.56E-02            | 3.01E-05                             |

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| State         | County             | FIPS  | Urban or Rural | Pollutant            | Major               |                                      | Area and Other      |                                      | Onroad Mobile       |                                      | Nonroad Mobile      |                                      | Total               |                                      |
|---------------|--------------------|-------|----------------|----------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|
|               |                    |       |                |                      | Emissions (tons/yr) | Emissions Density (tons/yr/sq. mile) |
| West Virginia | Brooke County      | 54009 | R              | Carbon Disulfide     | 1.86E-02            | 2.12E-04                             | 1.47E-01            | 1.67E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.66E-01            | 1.89E-03                             |
| West Virginia | Calhoun County     | 54013 | R              | Carbon Disulfide     | 0.00E+00            | 0.00E+00                             | 9.16E-03            | 3.24E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 9.16E-03            | 3.24E-05                             |
| West Virginia | Clay County        | 54015 | R              | Carbon Disulfide     | 0.00E+00            | 0.00E+00                             | 1.22E-02            | 3.52E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.22E-02            | 3.52E-05                             |
| West Virginia | Doddridge County   | 54017 | R              | Carbon Disulfide     | 0.00E+00            | 0.00E+00                             | 8.55E-03            | 2.63E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 8.55E-03            | 2.63E-05                             |
| West Virginia | Fayette County     | 54019 | R              | Carbon Disulfide     | 5.60E-03            | 8.21E-06                             | 5.97E-02            | 8.74E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.53E-02            | 9.56E-05                             |
| West Virginia | Gilmer County      | 54021 | R              | Carbon Disulfide     | 0.00E+00            | 0.00E+00                             | 8.20E-03            | 2.41E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 8.20E-03            | 2.41E-05                             |
| West Virginia | Grant County       | 54023 | R              | Carbon Disulfide     | 4.52E-01            | 9.41E-04                             | 1.28E-02            | 2.66E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.65E-01            | 9.67E-04                             |
| West Virginia | Greenbrier County  | 54025 | R              | Carbon Disulfide     | 0.00E+00            | 0.00E+00                             | 4.20E-02            | 4.08E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.20E-02            | 4.08E-05                             |
| West Virginia | Hampshire County   | 54027 | R              | Carbon Disulfide     | 0.00E+00            | 0.00E+00                             | 2.26E-02            | 3.54E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.26E-02            | 3.54E-05                             |
| West Virginia | Hardy County       | 54031 | R              | Carbon Disulfide     | 0.00E+00            | 0.00E+00                             | 1.38E-02            | 2.31E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.38E-02            | 2.31E-05                             |
| West Virginia | Harrison County    | 54033 | R              | Carbon Disulfide     | 3.97E-01            | 9.34E-04                             | 1.11E-01            | 2.62E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.08E-01            | 1.20E-03                             |
| West Virginia | Jackson County     | 54035 | R              | Carbon Disulfide     | 0.00E+00            | 0.00E+00                             | 3.25E-02            | 6.76E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.25E-02            | 6.76E-05                             |
| West Virginia | Lewis County       | 54041 | R              | Carbon Disulfide     | 0.00E+00            | 0.00E+00                             | 2.01E-02            | 5.21E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.01E-02            | 5.21E-05                             |
| West Virginia | Lincoln County     | 54043 | R              | Carbon Disulfide     | 0.00E+00            | 0.00E+00                             | 2.56E-02            | 5.91E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.56E-02            | 5.91E-05                             |
| West Virginia | Logan County       | 54045 | R              | Carbon Disulfide     | 0.00E+00            | 0.00E+00                             | 4.76E-02            | 1.06E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.76E-02            | 1.06E-04                             |
| West Virginia | McDowell County    | 54047 | R              | Carbon Disulfide     | 0.00E+00            | 0.00E+00                             | 3.48E-02            | 6.60E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.48E-02            | 6.60E-05                             |
| West Virginia | Marion County      | 54049 | R              | Carbon Disulfide     | 9.22E-03            | 2.98E-05                             | 6.86E-02            | 2.22E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 7.79E-02            | 2.51E-04                             |
| West Virginia | Marshall County    | 54051 | R              | Carbon Disulfide     | 9.38E+01            | 3.01E-01                             | 4.01E-02            | 1.29E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 9.38E+01            | 3.01E-01                             |
| West Virginia | Mason County       | 54053 | R              | Carbon Disulfide     | 3.96E-01            | 8.95E-04                             | 2.99E-02            | 6.75E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.26E-01            | 9.62E-04                             |
| West Virginia | Mercer County      | 54055 | R              | Carbon Disulfide     | 0.00E+00            | 0.00E+00                             | 8.39E-02            | 1.97E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 8.39E-02            | 1.97E-04                             |
| West Virginia | Mineral County     | 54057 | R              | Carbon Disulfide     | 0.00E+00            | 0.00E+00                             | 3.11E-02            | 9.61E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.11E-02            | 9.61E-05                             |
| West Virginia | Mingo County       | 54059 | R              | Carbon Disulfide     | 0.00E+00            | 0.00E+00                             | 4.36E-02            | 1.01E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.36E-02            | 1.01E-04                             |
| West Virginia | Monongalia County  | 54061 | R              | Carbon Disulfide     | 0.00E+00            | 0.00E+00                             | 1.94E-01            | 5.33E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.94E-01            | 5.33E-04                             |
| West Virginia | Monroe County      | 54063 | R              | Carbon Disulfide     | 0.00E+00            | 0.00E+00                             | 2.16E-02            | 4.54E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.16E-02            | 4.54E-05                             |
| West Virginia | Morgan County      | 54065 | R              | Carbon Disulfide     | 0.00E+00            | 0.00E+00                             | 1.64E-02            | 7.00E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.64E-02            | 7.00E-05                             |
| West Virginia | Nicholas County    | 54067 | R              | Carbon Disulfide     | 0.00E+00            | 0.00E+00                             | 3.41E-02            | 5.27E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.41E-02            | 5.27E-05                             |
| West Virginia | Pendleton County   | 54071 | R              | Carbon Disulfide     | 0.00E+00            | 0.00E+00                             | 9.23E-03            | 1.33E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 9.23E-03            | 1.33E-05                             |
| West Virginia | Pleasants County   | 54073 | R              | Carbon Disulfide     | 5.37E-03            | 3.81E-05                             | 1.70E+00            | 1.20E-02                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.70E+00            | 1.21E-02                             |
| West Virginia | Pocahontas County  | 54075 | R              | Carbon Disulfide     | 0.00E+00            | 0.00E+00                             | 1.85E-02            | 1.96E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.85E-02            | 1.96E-05                             |
| West Virginia | Preston County     | 54077 | R              | Carbon Disulfide     | 3.93E-02            | 5.94E-05                             | 3.42E-02            | 5.17E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 7.35E-02            | 1.11E-04                             |
| West Virginia | Raleigh County     | 54081 | R              | Carbon Disulfide     | 0.00E+00            | 0.00E+00                             | 1.01E-01            | 1.66E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.01E-01            | 1.66E-04                             |
| West Virginia | Randolph County    | 54083 | R              | Carbon Disulfide     | 0.00E+00            | 0.00E+00                             | 3.51E-02            | 3.36E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.51E-02            | 3.36E-05                             |
| West Virginia | Ritchie County     | 54085 | R              | Carbon Disulfide     | 0.00E+00            | 0.00E+00                             | 1.80E-02            | 4.08E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.80E-02            | 4.08E-05                             |
| West Virginia | Roane County       | 54087 | R              | Carbon Disulfide     | 0.00E+00            | 0.00E+00                             | 1.77E-02            | 3.61E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.77E-02            | 3.61E-05                             |
| West Virginia | Summers County     | 54089 | R              | Carbon Disulfide     | 0.00E+00            | 0.00E+00                             | 4.26E-02            | 1.19E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.26E-02            | 1.19E-04                             |
| West Virginia | Taylor County      | 54091 | R              | Carbon Disulfide     | 0.00E+00            | 0.00E+00                             | 4.76E-02            | 2.74E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.76E-02            | 2.74E-04                             |
| West Virginia | Tucker County      | 54093 | R              | Carbon Disulfide     | 0.00E+00            | 0.00E+00                             | 1.15E-01            | 2.67E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.15E-01            | 2.67E-04                             |
| West Virginia | Tyler County       | 54095 | R              | Carbon Disulfide     | 0.00E+00            | 0.00E+00                             | 1.12E-02            | 4.34E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.12E-02            | 4.34E-05                             |
| West Virginia | Upshur County      | 54097 | R              | Carbon Disulfide     | 0.00E+00            | 0.00E+00                             | 2.85E-02            | 8.19E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.85E-02            | 8.19E-05                             |
| West Virginia | Webster County     | 54101 | R              | Carbon Disulfide     | 0.00E+00            | 0.00E+00                             | 1.21E-02            | 2.17E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.21E-02            | 2.17E-05                             |
| West Virginia | Wetzel County      | 54103 | R              | Carbon Disulfide     | 0.00E+00            | 0.00E+00                             | 1.07E+00            | 3.02E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.07E+00            | 3.02E-03                             |
| West Virginia | Wirt County        | 54105 | R              | Carbon Disulfide     | 0.00E+00            | 0.00E+00                             | 6.61E-03            | 2.93E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.61E-03            | 2.93E-05                             |
| West Virginia | Wyoming County     | 54109 | R              | Carbon Disulfide     | 0.00E+00            | 0.00E+00                             | 3.23E-02            | 6.34E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.23E-02            | 6.34E-05                             |
| West Virginia | All Rural Counties | N/A   | R              | Carbon Tetrachloride | 0.00E+00            | 0.00E+00                             | 6.41E-01            | 3.04E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.41E-01            | 3.04E-05                             |
| West Virginia | Barbour County     | 54001 | R              | Carbon Tetrachloride | 0.00E+00            | 0.00E+00                             | 8.76E-03            | 2.59E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 8.76E-03            | 2.59E-05                             |
| West Virginia | Boone County       | 54005 | R              | Carbon Tetrachloride | 0.00E+00            | 0.00E+00                             | 1.44E-02            | 2.83E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.44E-02            | 2.83E-05                             |
| West Virginia | Braxton County     | 54007 | R              | Carbon Tetrachloride | 0.00E+00            | 0.00E+00                             | 7.25E-03            | 1.40E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 7.25E-03            | 1.40E-05                             |
| West Virginia | Brooke County      | 54009 | R              | Carbon Tetrachloride | 0.00E+00            | 0.00E+00                             | 1.61E-02            | 1.83E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.61E-02            | 1.83E-04                             |
| West Virginia | Calhoun County     | 54013 | R              | Carbon Tetrachloride | 0.00E+00            | 0.00E+00                             | 4.37E-03            | 1.55E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.37E-03            | 1.55E-05                             |
| West Virginia | Clay County        | 54015 | R              | Carbon Tetrachloride | 0.00E+00            | 0.00E+00                             | 5.81E-03            | 1.68E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.81E-03            | 1.68E-05                             |
| West Virginia | Doddridge County   | 54017 | R              | Carbon Tetrachloride | 0.00E+00            | 0.00E+00                             | 4.08E-03            | 1.26E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.08E-03            | 1.26E-05                             |
| West Virginia | Fayette County     | 54019 | R              | Carbon Tetrachloride | 0.00E+00            | 0.00E+00                             | 2.57E-02            | 3.77E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.57E-02            | 3.77E-05                             |
| West Virginia | Gilmer County      | 54021 | R              | Carbon Tetrachloride | 0.00E+00            | 0.00E+00                             | 3.91E-03            | 1.15E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.91E-03            | 1.15E-05                             |
| West Virginia | Grant County       | 54023 | R              | Carbon Tetrachloride | 0.00E+00            | 0.00E+00                             | 6.11E-03            | 1.27E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.11E-03            | 1.27E-05                             |

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| State         | County             | FIPS  | Urban or Rural | Pollutant            | Major               |                                      | Area and Other      |                                      | Onroad Mobile       |                                      | Nonroad Mobile      |                                      | Total               |                                      |
|---------------|--------------------|-------|----------------|----------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|
|               |                    |       |                |                      | Emissions (tons/yr) | Emissions Density (tons/yr/sq. mile) |
| West Virginia | Greenbrier County  | 54025 | R              | Carbon Tetrachloride | 0.00E+00            | 0.00E+00                             | 1.94E-02            | 1.88E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.94E-02            | 1.88E-05                             |
| West Virginia | Hampshire County   | 54027 | R              | Carbon Tetrachloride | 0.00E+00            | 0.00E+00                             | 1.06E-02            | 1.66E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.06E-02            | 1.66E-05                             |
| West Virginia | Hardy County       | 54031 | R              | Carbon Tetrachloride | 0.00E+00            | 0.00E+00                             | 6.57E-03            | 1.10E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.57E-03            | 1.10E-05                             |
| West Virginia | Harrison County    | 54033 | R              | Carbon Tetrachloride | 0.00E+00            | 0.00E+00                             | 3.89E-02            | 9.14E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.89E-02            | 9.14E-05                             |
| West Virginia | Jackson County     | 54035 | R              | Carbon Tetrachloride | 0.00E+00            | 0.00E+00                             | 1.55E-02            | 3.23E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.55E-02            | 3.23E-05                             |
| West Virginia | Lewis County       | 54041 | R              | Carbon Tetrachloride | 0.00E+00            | 0.00E+00                             | 9.57E-03            | 2.49E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 9.57E-03            | 2.49E-05                             |
| West Virginia | Lincoln County     | 54043 | R              | Carbon Tetrachloride | 0.00E+00            | 0.00E+00                             | 1.22E-02            | 2.82E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.22E-02            | 2.82E-05                             |
| West Virginia | Logan County       | 54045 | R              | Carbon Tetrachloride | 0.00E+00            | 0.00E+00                             | 2.20E-02            | 4.90E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.20E-02            | 4.90E-05                             |
| West Virginia | McDowell County    | 54047 | R              | Carbon Tetrachloride | 0.00E+00            | 0.00E+00                             | 1.61E-02            | 3.05E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.61E-02            | 3.05E-05                             |
| West Virginia | Marion County      | 54049 | R              | Carbon Tetrachloride | 0.00E+00            | 0.00E+00                             | 3.07E-02            | 9.92E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.07E-02            | 9.92E-05                             |
| West Virginia | Marshall County    | 54051 | R              | Carbon Tetrachloride | 0.00E+00            | 0.00E+00                             | 1.92E-02            | 6.16E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.92E-02            | 6.16E-05                             |
| West Virginia | Mason County       | 54053 | R              | Carbon Tetrachloride | 0.00E+00            | 0.00E+00                             | 1.43E-02            | 3.22E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.43E-02            | 3.22E-05                             |
| West Virginia | Mercer County      | 54055 | R              | Carbon Tetrachloride | 0.00E+00            | 0.00E+00                             | 3.53E-02            | 8.30E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.53E-02            | 8.30E-05                             |
| West Virginia | Mineral County     | 54057 | R              | Carbon Tetrachloride | 0.00E+00            | 0.00E+00                             | 1.61E-02            | 4.99E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.61E-02            | 4.99E-05                             |
| West Virginia | Mingo County       | 54059 | R              | Carbon Tetrachloride | 0.00E+00            | 0.00E+00                             | 1.74E-02            | 4.00E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.74E-02            | 4.00E-05                             |
| West Virginia | Monongalia County  | 54061 | R              | Carbon Tetrachloride | 0.00E+00            | 0.00E+00                             | 4.58E-02            | 1.26E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.58E-02            | 1.26E-04                             |
| West Virginia | Monroe County      | 54063 | R              | Carbon Tetrachloride | 0.00E+00            | 0.00E+00                             | 7.38E-03            | 1.55E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 7.38E-03            | 1.55E-05                             |
| West Virginia | Morgan County      | 54065 | R              | Carbon Tetrachloride | 0.00E+00            | 0.00E+00                             | 7.62E-03            | 3.25E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 7.62E-03            | 3.25E-05                             |
| West Virginia | Nicholas County    | 54067 | R              | Carbon Tetrachloride | 0.00E+00            | 0.00E+00                             | 1.51E-02            | 2.34E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.51E-02            | 2.34E-05                             |
| West Virginia | Pendleton County   | 54071 | R              | Carbon Tetrachloride | 0.00E+00            | 0.00E+00                             | 4.41E-03            | 6.35E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.41E-03            | 6.35E-06                             |
| West Virginia | Pleasants County   | 54073 | R              | Carbon Tetrachloride | 0.00E+00            | 0.00E+00                             | 4.12E-03            | 2.92E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.12E-03            | 2.92E-05                             |
| West Virginia | Pocahontas County  | 54075 | R              | Carbon Tetrachloride | 0.00E+00            | 0.00E+00                             | 5.04E-03            | 5.34E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.04E-03            | 5.34E-06                             |
| West Virginia | Preston County     | 54077 | R              | Carbon Tetrachloride | 0.00E+00            | 0.00E+00                             | 1.63E-02            | 2.47E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.63E-02            | 2.47E-05                             |
| West Virginia | Raleigh County     | 54081 | R              | Carbon Tetrachloride | 0.00E+00            | 0.00E+00                             | 4.34E-02            | 7.15E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.34E-02            | 7.15E-05                             |
| West Virginia | Randolph County    | 54083 | R              | Carbon Tetrachloride | 0.00E+00            | 0.00E+00                             | 1.57E-02            | 1.51E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.57E-02            | 1.51E-05                             |
| West Virginia | Ritchie County     | 54085 | R              | Carbon Tetrachloride | 0.00E+00            | 0.00E+00                             | 5.79E-03            | 1.31E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.79E-03            | 1.31E-05                             |
| West Virginia | Roane County       | 54087 | R              | Carbon Tetrachloride | 0.00E+00            | 0.00E+00                             | 8.45E-03            | 1.73E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 8.45E-03            | 1.73E-05                             |
| West Virginia | Summers County     | 54089 | R              | Carbon Tetrachloride | 0.00E+00            | 0.00E+00                             | 7.97E-03            | 2.23E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 7.97E-03            | 2.23E-05                             |
| West Virginia | Taylor County      | 54091 | R              | Carbon Tetrachloride | 0.00E+00            | 0.00E+00                             | 8.67E-03            | 4.99E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 8.67E-03            | 4.99E-05                             |
| West Virginia | Tucker County      | 54093 | R              | Carbon Tetrachloride | 0.00E+00            | 0.00E+00                             | 4.98E-03            | 1.15E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.98E-03            | 1.15E-05                             |
| West Virginia | Tyler County       | 54095 | R              | Carbon Tetrachloride | 0.00E+00            | 0.00E+00                             | 5.33E-03            | 2.07E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.33E-03            | 2.07E-05                             |
| West Virginia | Upshur County      | 54097 | R              | Carbon Tetrachloride | 0.00E+00            | 0.00E+00                             | 1.29E-02            | 3.71E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.29E-02            | 3.71E-05                             |
| West Virginia | Webster County     | 54101 | R              | Carbon Tetrachloride | 0.00E+00            | 0.00E+00                             | 5.51E-03            | 9.85E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.51E-03            | 9.85E-06                             |
| West Virginia | Wetzel County      | 54103 | R              | Carbon Tetrachloride | 0.00E+00            | 0.00E+00                             | 1.81E-02            | 5.09E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.81E-02            | 5.09E-05                             |
| West Virginia | Wirt County        | 54105 | R              | Carbon Tetrachloride | 0.00E+00            | 0.00E+00                             | 3.16E-03            | 1.40E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.16E-03            | 1.40E-05                             |
| West Virginia | Wyoming County     | 54109 | R              | Carbon Tetrachloride | 0.00E+00            | 0.00E+00                             | 1.48E-02            | 2.91E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.48E-02            | 2.91E-05                             |
| West Virginia | All Rural Counties | N/A   | R              | Chloroform           | 3.41E-02            | 1.62E-06                             | 1.73E+01            | 8.19E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.73E+01            | 8.20E-04                             |
| West Virginia | Barbour County     | 54001 | R              | Chloroform           | 0.00E+00            | 0.00E+00                             | 3.50E-02            | 1.03E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.50E-02            | 1.03E-04                             |
| West Virginia | Boone County       | 54005 | R              | Chloroform           | 0.00E+00            | 0.00E+00                             | 3.32E-01            | 6.52E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.32E-01            | 6.52E-04                             |
| West Virginia | Braxton County     | 54007 | R              | Chloroform           | 0.00E+00            | 0.00E+00                             | 3.05E-01            | 5.88E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.05E-01            | 5.88E-04                             |
| West Virginia | Brooke County      | 54009 | R              | Chloroform           | 0.00E+00            | 0.00E+00                             | 5.86E-02            | 6.66E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.86E-02            | 6.66E-04                             |
| West Virginia | Calhoun County     | 54013 | R              | Chloroform           | 0.00E+00            | 0.00E+00                             | 1.74E-02            | 6.15E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.74E-02            | 6.15E-05                             |
| West Virginia | Clay County        | 54015 | R              | Chloroform           | 0.00E+00            | 0.00E+00                             | 2.32E-02            | 6.71E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.32E-02            | 6.71E-05                             |
| West Virginia | Doddridge County   | 54017 | R              | Chloroform           | 0.00E+00            | 0.00E+00                             | 1.64E-02            | 5.05E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.64E-02            | 5.05E-05                             |
| West Virginia | Fayette County     | 54019 | R              | Chloroform           | 0.00E+00            | 0.00E+00                             | 2.20E-01            | 3.22E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.20E-01            | 3.22E-04                             |
| West Virginia | Gilmer County      | 54021 | R              | Chloroform           | 0.00E+00            | 0.00E+00                             | 2.91E-01            | 8.54E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.91E-01            | 8.54E-04                             |
| West Virginia | Grant County       | 54023 | R              | Chloroform           | 0.00E+00            | 0.00E+00                             | 2.99E-01            | 6.23E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.99E-01            | 6.23E-04                             |
| West Virginia | Greenbrier County  | 54025 | R              | Chloroform           | 0.00E+00            | 0.00E+00                             | 1.03E+00            | 1.00E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.03E+00            | 1.00E-03                             |
| West Virginia | Hampshire County   | 54027 | R              | Chloroform           | 0.00E+00            | 0.00E+00                             | 4.32E-02            | 6.75E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.32E-02            | 6.75E-05                             |
| West Virginia | Hardy County       | 54031 | R              | Chloroform           | 0.00E+00            | 0.00E+00                             | 3.02E-01            | 5.06E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.02E-01            | 5.06E-04                             |
| West Virginia | Harrison County    | 54033 | R              | Chloroform           | 0.00E+00            | 0.00E+00                             | 1.95E+00            | 4.59E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.95E+00            | 4.59E-03                             |
| West Virginia | Jackson County     | 54035 | R              | Chloroform           | 0.00E+00            | 0.00E+00                             | 6.12E-01            | 1.27E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.12E-01            | 1.27E-03                             |
| West Virginia | Lewis County       | 54041 | R              | Chloroform           | 0.00E+00            | 0.00E+00                             | 3.82E-02            | 9.93E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.82E-02            | 9.93E-05                             |
| West Virginia | Lincoln County     | 54043 | R              | Chloroform           | 0.00E+00            | 0.00E+00                             | 4.91E-02            | 1.13E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.91E-02            | 1.13E-04                             |

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| State         | County             | FIPS  | Urban or Rural | Pollutant                 | Major               |                                      | Area and Other      |                                      | Onroad Mobile       |                                      | Nonroad Mobile      |                                      | Total               |                                      |
|---------------|--------------------|-------|----------------|---------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|
|               |                    |       |                |                           | Emissions (tons/yr) | Emissions Density (tons/yr/sq. mile) |
| West Virginia | Logan County       | 54045 | R              | Chloroform                | 0.00E+00            | 0.00E+00                             | 3.62E-01            | 8.06E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.62E-01            | 8.06E-04                             |
| West Virginia | McDowell County    | 54047 | R              | Chloroform                | 0.00E+00            | 0.00E+00                             | 6.37E-02            | 1.21E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.37E-02            | 1.21E-04                             |
| West Virginia | Marion County      | 54049 | R              | Chloroform                | 0.00E+00            | 0.00E+00                             | 8.18E-01            | 2.64E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 8.18E-01            | 2.64E-03                             |
| West Virginia | Marshall County    | 54051 | R              | Chloroform                | 5.80E-03            | 1.87E-05                             | 1.64E-01            | 5.27E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.70E-01            | 5.46E-04                             |
| West Virginia | Mason County       | 54053 | R              | Chloroform                | 0.00E+00            | 0.00E+00                             | 5.73E-02            | 1.29E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.73E-02            | 1.29E-04                             |
| West Virginia | Mercer County      | 54055 | R              | Chloroform                | 0.00E+00            | 0.00E+00                             | 1.57E+00            | 3.70E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.57E+00            | 3.70E-03                             |
| West Virginia | Mineral County     | 54057 | R              | Chloroform                | 0.00E+00            | 0.00E+00                             | 8.73E-02            | 2.70E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 8.73E-02            | 2.70E-04                             |
| West Virginia | Mingo County       | 54059 | R              | Chloroform                | 0.00E+00            | 0.00E+00                             | 6.84E-02            | 1.58E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.84E-02            | 1.58E-04                             |
| West Virginia | Monongalia County  | 54061 | R              | Chloroform                | 0.00E+00            | 0.00E+00                             | 2.21E+00            | 6.10E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.21E+00            | 6.10E-03                             |
| West Virginia | Monroe County      | 54063 | R              | Chloroform                | 0.00E+00            | 0.00E+00                             | 3.05E-01            | 6.41E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.05E-01            | 6.41E-04                             |
| West Virginia | Morgan County      | 54065 | R              | Chloroform                | 0.00E+00            | 0.00E+00                             | 3.06E-01            | 1.30E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.06E-01            | 1.30E-03                             |
| West Virginia | Nicholas County    | 54067 | R              | Chloroform                | 0.00E+00            | 0.00E+00                             | 3.35E-01            | 5.18E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.35E-01            | 5.18E-04                             |
| West Virginia | Pendleton County   | 54071 | R              | Chloroform                | 0.00E+00            | 0.00E+00                             | 1.78E-02            | 2.56E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.78E-02            | 2.56E-05                             |
| West Virginia | Pleasants County   | 54073 | R              | Chloroform                | 2.83E-02            | 2.01E-04                             | 1.66E-02            | 1.17E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.49E-02            | 3.18E-04                             |
| West Virginia | Pocahontas County  | 54075 | R              | Chloroform                | 0.00E+00            | 0.00E+00                             | 2.95E-01            | 3.12E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.95E-01            | 3.12E-04                             |
| West Virginia | Preston County     | 54077 | R              | Chloroform                | 0.00E+00            | 0.00E+00                             | 6.15E-01            | 9.29E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.15E-01            | 9.29E-04                             |
| West Virginia | Raleigh County     | 54081 | R              | Chloroform                | 0.00E+00            | 0.00E+00                             | 1.72E+00            | 2.84E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.72E+00            | 2.84E-03                             |
| West Virginia | Randolph County    | 54083 | R              | Chloroform                | 0.00E+00            | 0.00E+00                             | 6.31E-02            | 6.05E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.31E-02            | 6.05E-05                             |
| West Virginia | Ritchie County     | 54085 | R              | Chloroform                | 0.00E+00            | 0.00E+00                             | 2.31E-02            | 5.23E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.31E-02            | 5.23E-05                             |
| West Virginia | Roane County       | 54087 | R              | Chloroform                | 0.00E+00            | 0.00E+00                             | 3.09E-01            | 6.31E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.09E-01            | 6.31E-04                             |
| West Virginia | Summers County     | 54089 | R              | Chloroform                | 0.00E+00            | 0.00E+00                             | 3.07E-01            | 8.58E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.07E-01            | 8.58E-04                             |
| West Virginia | Taylor County      | 54091 | R              | Chloroform                | 0.00E+00            | 0.00E+00                             | 3.09E-01            | 1.78E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.09E-01            | 1.78E-03                             |
| West Virginia | Tucker County      | 54093 | R              | Chloroform                | 0.00E+00            | 0.00E+00                             | 2.92E-01            | 6.78E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.92E-01            | 6.78E-04                             |
| West Virginia | Tyler County       | 54095 | R              | Chloroform                | 0.00E+00            | 0.00E+00                             | 2.96E-01            | 1.15E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.96E-01            | 1.15E-03                             |
| West Virginia | Upshur County      | 54097 | R              | Chloroform                | 0.00E+00            | 0.00E+00                             | 3.27E-01            | 9.38E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.27E-01            | 9.38E-04                             |
| West Virginia | Webster County     | 54101 | R              | Chloroform                | 0.00E+00            | 0.00E+00                             | 2.20E-02            | 3.94E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.20E-02            | 3.94E-05                             |
| West Virginia | Wetzel County      | 54103 | R              | Chloroform                | 0.00E+00            | 0.00E+00                             | 3.22E-01            | 9.03E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.22E-01            | 9.03E-04                             |
| West Virginia | Wirt County        | 54105 | R              | Chloroform                | 0.00E+00            | 0.00E+00                             | 1.27E-02            | 5.64E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.27E-02            | 5.64E-05                             |
| West Virginia | Wyoming County     | 54109 | R              | Chloroform                | 0.00E+00            | 0.00E+00                             | 3.34E-01            | 6.56E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.34E-01            | 6.56E-04                             |
| West Virginia | All Rural Counties | N/A   | R              | Chromium Compounds: Total | 3.01E+01            | 1.43E-03                             | 7.61E-01            | 3.61E-05                             | 5.85E-02            | 2.78E-06                             | 6.36E-03            | 3.02E-07                             | 3.10E+01            | 1.47E-03                             |
| West Virginia | Barbour County     | 54001 | R              | Chromium Compounds: Total | 0.00E+00            | 0.00E+00                             | 1.54E-04            | 4.55E-07                             | 5.90E-04            | 1.74E-06                             | 3.90E-05            | 1.15E-07                             | 7.83E-04            | 2.31E-06                             |
| West Virginia | Boone County       | 54005 | R              | Chromium Compounds: Total | 0.00E+00            | 0.00E+00                             | 2.33E-04            | 4.57E-07                             | 1.07E-03            | 2.09E-06                             | 6.34E-05            | 1.24E-07                             | 1.36E-03            | 2.67E-06                             |
| West Virginia | Braxton County     | 54007 | R              | Chromium Compounds: Total | 0.00E+00            | 0.00E+00                             | 1.46E-04            | 2.82E-07                             | 1.99E-03            | 3.84E-06                             | 4.00E-05            | 7.72E-08                             | 2.18E-03            | 4.20E-06                             |
| West Virginia | Brooke County      | 54009 | R              | Chromium Compounds: Total | 8.34E-03            | 9.47E-05                             | 5.64E-02            | 6.41E-04                             | 1.01E-03            | 1.14E-05                             | 3.17E-04            | 3.60E-06                             | 6.61E-02            | 7.51E-04                             |
| West Virginia | Calhoun County     | 54013 | R              | Chromium Compounds: Total | 0.00E+00            | 0.00E+00                             | 7.30E-05            | 2.58E-07                             | 2.50E-04            | 8.84E-07                             | 1.11E-05            | 3.93E-08                             | 3.34E-04            | 1.18E-06                             |
| West Virginia | Clay County        | 54015 | R              | Chromium Compounds: Total | 0.00E+00            | 0.00E+00                             | 8.79E-05            | 2.54E-07                             | 5.50E-04            | 1.59E-06                             | 1.46E-05            | 4.21E-08                             | 6.52E-04            | 1.88E-06                             |
| West Virginia | Doddridge County   | 54017 | R              | Chromium Compounds: Total | 0.00E+00            | 0.00E+00                             | 6.52E-05            | 2.01E-07                             | 2.50E-04            | 7.70E-07                             | 8.28E-06            | 2.55E-08                             | 3.24E-04            | 9.96E-07                             |
| West Virginia | Fayette County     | 54019 | R              | Chromium Compounds: Total | 1.57E-03            | 2.30E-06                             | 5.42E-04            | 7.94E-07                             | 2.67E-03            | 3.90E-06                             | 1.97E-04            | 2.89E-07                             | 4.98E-03            | 7.29E-06                             |
| West Virginia | Gilmer County      | 54021 | R              | Chromium Compounds: Total | 0.00E+00            | 0.00E+00                             | 6.54E-05            | 1.92E-07                             | 2.25E-04            | 6.62E-07                             | 1.97E-05            | 5.81E-08                             | 3.10E-04            | 9.12E-07                             |
| West Virginia | Grant County       | 54023 | R              | Chromium Compounds: Total | 2.76E+01            | 5.75E-02                             | 2.00E-04            | 4.15E-07                             | 4.90E-04            | 1.02E-06                             | 5.13E-05            | 1.07E-07                             | 2.76E+01            | 5.75E-02                             |
| West Virginia | Greenbrier County  | 54025 | R              | Chromium Compounds: Total | 0.00E+00            | 0.00E+00                             | 1.35E-02            | 1.31E-05                             | 2.80E-03            | 2.72E-06                             | 1.68E-04            | 1.64E-07                             | 1.64E-02            | 1.60E-05                             |
| West Virginia | Hampshire County   | 54027 | R              | Chromium Compounds: Total | 0.00E+00            | 0.00E+00                             | 1.92E-04            | 3.00E-07                             | 6.25E-04            | 9.77E-07                             | 1.19E-04            | 1.86E-07                             | 9.36E-04            | 1.46E-06                             |
| West Virginia | Hardy County       | 54031 | R              | Chromium Compounds: Total | 7.02E-05            | 1.18E-07                             | 2.34E-04            | 3.93E-07                             | 5.55E-04            | 9.32E-07                             | 2.70E-05            | 4.53E-08                             | 8.86E-04            | 1.49E-06                             |
| West Virginia | Harrison County    | 54033 | R              | Chromium Compounds: Total | 7.42E-01            | 1.75E-03                             | 1.28E-03            | 3.01E-06                             | 4.00E-03            | 9.41E-06                             | 1.39E-04            | 3.27E-07                             | 7.48E-01            | 1.76E-03                             |
| West Virginia | Jackson County     | 54035 | R              | Chromium Compounds: Total | 3.20E-02            | 6.67E-05                             | 3.77E-04            | 7.84E-07                             | 2.54E-03            | 5.28E-06                             | 4.00E-04            | 8.33E-07                             | 3.53E-02            | 7.36E-05                             |
| West Virginia | Lewis County       | 54041 | R              | Chromium Compounds: Total | 0.00E+00            | 0.00E+00                             | 2.05E-04            | 5.32E-07                             | 1.50E-03            | 3.89E-06                             | 5.45E-05            | 1.42E-07                             | 1.75E-03            | 4.56E-06                             |
| West Virginia | Lincoln County     | 54043 | R              | Chromium Compounds: Total | 0.00E+00            | 0.00E+00                             | 1.75E-04            | 4.03E-07                             | 1.04E-03            | 2.39E-06                             | 4.74E-05            | 1.09E-07                             | 1.26E-03            | 2.90E-06                             |
| West Virginia | Logan County       | 54045 | R              | Chromium Compounds: Total | 0.00E+00            | 0.00E+00                             | 4.42E-04            | 9.82E-07                             | 1.71E-03            | 3.80E-06                             | 7.58E-05            | 1.69E-07                             | 2.23E-03            | 4.95E-06                             |
| West Virginia | McDowell County    | 54047 | R              | Chromium Compounds: Total | 0.00E+00            | 0.00E+00                             | 1.49E-03            | 2.83E-06                             | 1.22E-03            | 2.32E-06                             | 1.61E-04            | 3.06E-07                             | 2.87E-03            | 5.45E-06                             |
| West Virginia | Marion County      | 54049 | R              | Chromium Compounds: Total | 9.84E-02            | 3.18E-04                             | 1.29E-01            | 4.15E-04                             | 2.19E-03            | 7.06E-06                             | 1.03E-04            | 3.33E-07                             | 2.29E-01            | 7.40E-04                             |
| West Virginia | Marshall County    | 54051 | R              | Chromium Compounds: Total | 3.48E-01            | 1.12E-03                             | 6.36E-04            | 2.04E-06                             | 1.16E-03            | 3.71E-06                             | 4.61E-04            | 1.48E-06                             | 3.50E-01            | 1.13E-03                             |
| West Virginia | Mason County       | 54053 | R              | Chromium Compounds: Total | 4.91E-01            | 1.11E-03                             | 2.35E-01            | 5.31E-04                             | 9.75E-04            | 2.20E-06                             | 8.51E-04            | 1.92E-06                             | 7.28E-01            | 1.64E-03                             |
| West Virginia | Mercer County      | 54055 | R              | Chromium Compounds: Total | 0.00E+00            | 0.00E+00                             | 1.79E-03            | 4.22E-06                             | 3.91E-03            | 9.20E-06                             | 1.58E-04            | 3.71E-07                             | 5.86E-03            | 1.38E-05                             |
| West Virginia | Mineral County     | 54057 | R              | Chromium Compounds: Total | 0.00E+00            | 0.00E+00                             | 4.71E-03            | 1.46E-05                             | 1.15E-03            | 3.56E-06                             | 6.95E-05            | 2.15E-07                             | 5.93E-03            | 1.83E-05                             |

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| State         | County             | FIPS  | Urban or Rural | Pollutant                           | Major               |                                      | Area and Other      |                                      | Onroad Mobile       |                                      | Nonroad Mobile      |                                      | Total               |                                      |
|---------------|--------------------|-------|----------------|-------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|
|               |                    |       |                |                                     | Emissions (tons/yr) | Emissions Density (tons/yr/sq. mile) |
| West Virginia | Mingo County       | 54059 | R              | Chromium Compounds: Total           | 0.00E+00            | 0.00E+00                             | 2.93E-04            | 6.75E-07                             | 9.75E-04            | 2.25E-06                             | 3.29E-04            | 7.58E-07                             | 1.60E-03            | 3.68E-06                             |
| West Virginia | Monongalia County  | 54061 | R              | Chromium Compounds: Total           | 2.30E-01            | 6.34E-04                             | 1.29E-01            | 3.54E-04                             | 5.00E-03            | 1.38E-05                             | 1.92E-04            | 5.30E-07                             | 3.64E-01            | 1.00E-03                             |
| West Virginia | Monroe County      | 54063 | R              | Chromium Compounds: Total           | 0.00E+00            | 0.00E+00                             | 1.21E-04            | 2.53E-07                             | 6.00E-04            | 1.26E-06                             | 5.21E-05            | 1.09E-07                             | 7.73E-04            | 1.62E-06                             |
| West Virginia | Morgan County      | 54065 | R              | Chromium Compounds: Total           | 0.00E+00            | 0.00E+00                             | 4.74E-04            | 2.02E-06                             | 4.85E-04            | 2.07E-06                             | 1.03E-04            | 4.38E-07                             | 1.06E-03            | 4.52E-06                             |
| West Virginia | Nicholas County    | 54067 | R              | Chromium Compounds: Total           | 0.00E+00            | 0.00E+00                             | 2.10E-03            | 3.25E-06                             | 1.02E-03            | 1.58E-06                             | 9.97E-05            | 1.54E-07                             | 3.22E-03            | 4.98E-06                             |
| West Virginia | Pendleton County   | 54071 | R              | Chromium Compounds: Total           | 0.00E+00            | 0.00E+00                             | 1.06E-04            | 1.54E-07                             | 2.55E-04            | 3.68E-07                             | 1.11E-05            | 1.60E-08                             | 3.73E-04            | 5.37E-07                             |
| West Virginia | Pleasants County   | 54073 | R              | Chromium Compounds: Total           | 5.41E-01            | 3.84E-03                             | 1.04E-04            | 7.36E-07                             | 2.55E-04            | 1.81E-06                             | 4.76E-04            | 3.38E-06                             | 5.42E-01            | 3.84E-03                             |
| West Virginia | Pocahontas County  | 54075 | R              | Chromium Compounds: Total           | 0.00E+00            | 0.00E+00                             | 1.32E-04            | 4.10E-07                             | 3.95E-04            | 4.18E-07                             | 3.87E-05            | 4.10E-08                             | 5.66E-04            | 5.99E-07                             |
| West Virginia | Preston County     | 54077 | R              | Chromium Compounds: Total           | 3.75E-02            | 5.66E-05                             | 2.88E-04            | 4.35E-07                             | 1.90E-03            | 2.86E-06                             | 8.00E-05            | 1.21E-07                             | 3.98E-02            | 6.00E-05                             |
| West Virginia | Raleigh County     | 54081 | R              | Chromium Compounds: Total           | 0.00E+00            | 0.00E+00                             | 3.90E-02            | 6.43E-05                             | 5.37E-03            | 8.84E-06                             | 1.57E-04            | 2.58E-07                             | 4.45E-02            | 7.34E-05                             |
| West Virginia | Randolph County    | 54083 | R              | Chromium Compounds: Total           | 0.00E+00            | 0.00E+00                             | 4.59E-03            | 4.41E-06                             | 1.26E-03            | 1.21E-06                             | 6.86E-05            | 6.58E-08                             | 5.92E-03            | 5.68E-06                             |
| West Virginia | Ritchie County     | 54085 | R              | Chromium Compounds: Total           | 0.00E+00            | 0.00E+00                             | 1.21E-04            | 2.74E-07                             | 3.45E-04            | 7.83E-07                             | 1.73E-05            | 3.93E-08                             | 4.83E-04            | 1.10E-06                             |
| West Virginia | Roane County       | 54087 | R              | Chromium Compounds: Total           | 0.00E+00            | 0.00E+00                             | 1.66E-04            | 3.39E-07                             | 1.07E-03            | 2.19E-06                             | 2.32E-05            | 4.73E-08                             | 1.26E-03            | 2.57E-06                             |
| West Virginia | Summers County     | 54089 | R              | Chromium Compounds: Total           | 0.00E+00            | 0.00E+00                             | 1.23E-04            | 3.43E-07                             | 7.05E-04            | 1.97E-06                             | 9.30E-05            | 2.60E-07                             | 9.21E-04            | 2.57E-06                             |
| West Virginia | Taylor County      | 54091 | R              | Chromium Compounds: Total           | 0.00E+00            | 0.00E+00                             | 1.55E-04            | 8.95E-07                             | 4.70E-04            | 2.71E-06                             | 4.38E-05            | 2.52E-07                             | 6.69E-04            | 3.85E-06                             |
| West Virginia | Tucker County      | 54093 | R              | Chromium Compounds: Total           | 0.00E+00            | 0.00E+00                             | 1.35E-04            | 3.13E-07                             | 3.35E-04            | 7.76E-07                             | 1.90E-05            | 4.41E-08                             | 4.89E-04            | 1.13E-06                             |
| West Virginia | Tyler County       | 54095 | R              | Chromium Compounds: Total           | 0.00E+00            | 0.00E+00                             | 1.19E-04            | 4.62E-07                             | 2.95E-04            | 1.15E-06                             | 3.55E-04            | 1.38E-06                             | 7.69E-04            | 2.99E-06                             |
| West Virginia | Upshur County      | 54097 | R              | Chromium Compounds: Total           | 0.00E+00            | 0.00E+00                             | 4.37E-03            | 1.25E-05                             | 1.04E-03            | 2.99E-06                             | 7.00E-05            | 2.01E-07                             | 5.48E-03            | 1.57E-05                             |
| West Virginia | Webster County     | 54101 | R              | Chromium Compounds: Total           | 0.00E+00            | 0.00E+00                             | 5.71E-04            | 1.02E-06                             | 2.10E-04            | 3.76E-07                             | 3.21E-05            | 5.74E-08                             | 8.13E-04            | 1.45E-06                             |
| West Virginia | Wetzel County      | 54103 | R              | Chromium Compounds: Total           | 0.00E+00            | 0.00E+00                             | 8.83E-04            | 2.48E-06                             | 7.60E-04            | 2.14E-06                             | 4.30E-04            | 1.21E-06                             | 2.07E-03            | 5.82E-06                             |
| West Virginia | Wirt County        | 54105 | R              | Chromium Compounds: Total           | 0.00E+00            | 0.00E+00                             | 5.20E-05            | 2.30E-07                             | 1.20E-04            | 5.31E-07                             | 2.63E-05            | 1.16E-07                             | 1.98E-04            | 8.78E-07                             |
| West Virginia | Wyoming County     | 54109 | R              | Chromium Compounds: Total           | 0.00E+00            | 0.00E+00                             | 1.31E-01            | 2.58E-04                             | 1.24E-03            | 2.43E-06                             | 4.77E-05            | 9.38E-08                             | 1.33E-01            | 2.60E-04                             |
| West Virginia | All Rural Counties | N/A   | R              | Chromium Compounds: Hexavalent only | 8.43E+00            | 4.00E-04                             | 2.13E-01            | 1.01E-05                             | 2.33E-02            | 1.11E-06                             | 2.16E-03            | 1.03E-07                             | 8.67E+00            | 4.11E-04                             |
| West Virginia | Barbour County     | 54001 | R              | Chromium Compounds: Hexavalent only | 0.00E+00            | 0.00E+00                             | 6.25E-05            | 1.85E-07                             | 2.25E-04            | 6.65E-07                             | 1.33E-05            | 3.92E-08                             | 3.01E-04            | 8.89E-07                             |
| West Virginia | Boone County       | 54005 | R              | Chromium Compounds: Hexavalent only | 0.00E+00            | 0.00E+00                             | 9.23E-05            | 1.81E-07                             | 4.25E-04            | 8.34E-07                             | 2.16E-05            | 4.23E-08                             | 5.39E-04            | 1.06E-06                             |
| West Virginia | Braxton County     | 54007 | R              | Chromium Compounds: Hexavalent only | 0.00E+00            | 0.00E+00                             | 6.18E-05            | 1.19E-07                             | 7.90E-04            | 1.52E-06                             | 1.36E-05            | 2.63E-08                             | 8.65E-04            | 1.67E-06                             |
| West Virginia | Brooke County      | 54009 | R              | Chromium Compounds: Hexavalent only | 1.33E-04            | 1.52E-06                             | 1.89E-02            | 2.15E-04                             | 3.80E-04            | 4.32E-06                             | 1.08E-04            | 1.23E-06                             | 1.96E-02            | 2.22E-04                             |
| West Virginia | Calhoun County     | 54013 | R              | Chromium Compounds: Hexavalent only | 0.00E+00            | 0.00E+00                             | 2.91E-05            | 1.03E-07                             | 1.00E-04            | 3.54E-07                             | 3.77E-06            | 1.33E-08                             | 1.33E-04            | 4.70E-07                             |
| West Virginia | Clay County        | 54015 | R              | Chromium Compounds: Hexavalent only | 0.00E+00            | 0.00E+00                             | 3.33E-05            | 9.62E-08                             | 2.20E-04            | 6.35E-07                             | 4.96E-06            | 1.43E-08                             | 2.58E-04            | 7.46E-07                             |
| West Virginia | Doddridge County   | 54017 | R              | Chromium Compounds: Hexavalent only | 0.00E+00            | 0.00E+00                             | 2.56E-05            | 7.90E-08                             | 1.05E-04            | 3.23E-07                             | 2.82E-06            | 8.67E-09                             | 1.33E-04            | 4.11E-07                             |
| West Virginia | Fayette County     | 54019 | R              | Chromium Compounds: Hexavalent only | 4.71E-05            | 6.90E-08                             | 2.35E-04            | 3.44E-07                             | 1.06E-03            | 1.55E-06                             | 6.71E-05            | 9.83E-08                             | 1.41E-03            | 2.06E-06                             |
| West Virginia | Gilmer County      | 54021 | R              | Chromium Compounds: Hexavalent only | 0.00E+00            | 0.00E+00                             | 2.62E-05            | 7.70E-08                             | 9.50E-05            | 2.79E-07                             | 6.71E-06            | 1.97E-08                             | 1.28E-04            | 3.76E-07                             |
| West Virginia | Grant County       | 54023 | R              | Chromium Compounds: Hexavalent only | 8.11E+00            | 1.69E-02                             | 9.48E-05            | 1.97E-07                             | 1.90E-04            | 3.95E-07                             | 1.75E-05            | 3.63E-08                             | 8.11E+00            | 1.69E-02                             |
| West Virginia | Greenbrier County  | 54025 | R              | Chromium Compounds: Hexavalent only | 0.00E+00            | 0.00E+00                             | 4.85E-03            | 4.72E-06                             | 1.12E-03            | 1.09E-06                             | 5.73E-05            | 5.57E-08                             | 6.03E-03            | 5.86E-06                             |
| West Virginia | Hampshire County   | 54027 | R              | Chromium Compounds: Hexavalent only | 0.00E+00            | 0.00E+00                             | 7.71E-05            | 1.20E-07                             | 2.55E-04            | 3.99E-07                             | 4.04E-05            | 6.31E-08                             | 3.72E-04            | 5.82E-07                             |
| West Virginia | Hardy County       | 54031 | R              | Chromium Compounds: Hexavalent only | 3.93E-05            | 6.61E-08                             | 1.09E-04            | 1.83E-07                             | 2.10E-04            | 3.53E-07                             | 9.17E-06            | 1.54E-08                             | 3.67E-04            | 6.17E-07                             |
| West Virginia | Harrison County    | 54033 | R              | Chromium Compounds: Hexavalent only | 8.17E-02            | 1.92E-04                             | 7.51E-04            | 1.77E-06                             | 1.60E-03            | 3.76E-06                             | 4.73E-05            | 1.11E-07                             | 8.41E-02            | 1.98E-04                             |
| West Virginia | Jackson County     | 54035 | R              | Chromium Compounds: Hexavalent only | 9.61E-04            | 2.00E-06                             | 1.68E-04            | 3.51E-07                             | 1.02E-03            | 2.11E-06                             | 1.36E-04            | 2.83E-07                             | 2.28E-03            | 4.75E-06                             |
| West Virginia | Lewis County       | 54041 | R              | Chromium Compounds: Hexavalent only | 0.00E+00            | 0.00E+00                             | 8.89E-05            | 2.31E-07                             | 5.90E-04            | 1.53E-06                             | 1.85E-05            | 4.81E-08                             | 6.97E-04            | 1.81E-06                             |
| West Virginia | Lincoln County     | 54043 | R              | Chromium Compounds: Hexavalent only | 0.00E+00            | 0.00E+00                             | 6.51E-05            | 1.50E-07                             | 4.20E-04            | 9.68E-07                             | 1.61E-05            | 3.71E-08                             | 5.01E-04            | 1.16E-06                             |
| West Virginia | Logan County       | 54045 | R              | Chromium Compounds: Hexavalent only | 0.00E+00            | 0.00E+00                             | 1.89E-04            | 4.20E-07                             | 6.75E-04            | 1.50E-06                             | 2.58E-05            | 5.73E-08                             | 8.90E-04            | 1.98E-06                             |
| West Virginia | McDowell County    | 54047 | R              | Chromium Compounds: Hexavalent only | 0.00E+00            | 0.00E+00                             | 7.91E-04            | 1.50E-06                             | 4.90E-04            | 9.31E-07                             | 5.48E-05            | 1.04E-07                             | 1.34E-03            | 2.54E-06                             |
| West Virginia | Marion County      | 54049 | R              | Chromium Compounds: Hexavalent only | 1.72E-02            | 5.54E-05                             | 4.40E-02            | 1.42E-04                             | 8.70E-04            | 2.81E-06                             | 3.51E-05            | 1.13E-07                             | 6.20E-02            | 2.00E-04                             |
| West Virginia | Marshall County    | 54051 | R              | Chromium Compounds: Hexavalent only | 4.47E-02            | 1.44E-04                             | 1.70E-04            | 5.46E-07                             | 4.65E-04            | 1.49E-06                             | 1.57E-04            | 5.04E-07                             | 4.55E-02            | 1.46E-04                             |
| West Virginia | Mason County       | 54053 | R              | Chromium Compounds: Hexavalent only | 5.40E-02            | 1.22E-04                             | 7.18E-03            | 1.62E-05                             | 3.95E-04            | 8.92E-07                             | 2.89E-04            | 6.54E-07                             | 6.18E-02            | 1.40E-04                             |
| West Virginia | Mercer County      | 54055 | R              | Chromium Compounds: Hexavalent only | 0.00E+00            | 0.00E+00                             | 1.33E-03            | 3.13E-06                             | 1.56E-03            | 3.66E-06                             | 5.36E-05            | 1.26E-07                             | 2.94E-03            | 6.91E-06                             |
| West Virginia | Mineral County     | 54057 | R              | Chromium Compounds: Hexavalent only | 0.00E+00            | 0.00E+00                             | 2.35E-04            | 7.26E-07                             | 4.75E-04            | 1.47E-06                             | 2.36E-05            | 7.31E-08                             | 7.93E-04            | 2.27E-06                             |
| West Virginia | Mingo County       | 54059 | R              | Chromium Compounds: Hexavalent only | 0.00E+00            | 0.00E+00                             | 1.18E-04            | 2.73E-07                             | 3.80E-04            | 8.76E-07                             | 1.12E-04            | 2.58E-07                             | 6.10E-04            | 1.41E-06                             |
| West Virginia | Monongalia County  | 54061 | R              | Chromium Compounds: Hexavalent only | 2.53E-02            | 6.98E-05                             | 1.25E-01            | 3.45E-04                             | 2.00E-03            | 5.49E-06                             | 6.54E-05            | 1.80E-07                             | 1.53E-01            | 4.21E-04                             |
| West Virginia | Monroe County      | 54063 | R              | Chromium Compounds: Hexavalent only | 0.00E+00            | 0.00E+00                             | 4.71E-05            | 9.90E-08                             | 2.35E-04            | 4.94E-07                             | 1.77E-05            | 3.72E-08                             | 3.00E-04            | 6.30E-07                             |
| West Virginia | Morgan County      | 54065 | R              | Chromium Compounds: Hexavalent only | 0.00E+00            | 0.00E+00                             | 3.84E-04            | 1.64E-06                             | 1.85E-04            | 7.88E-07                             | 3.49E-05            | 1.49E-07                             | 6.04E-04            | 2.57E-06                             |
| West Virginia | Nicholas County    | 54067 | R              | Chromium Compounds: Hexavalent only | 0.00E+00            | 0.00E+00                             | 1.14E-03            | 1.76E-06                             | 4.20E-04            | 6.49E-07                             | 3.39E-05            | 5.24E-08                             | 1.59E-03            | 2.46E-06                             |
| West Virginia | Pendleton County   | 54071 | R              | Chromium Compounds: Hexavalent only | 0.00E+00            | 0.00E+00                             | 4.55E-05            | 6.56E-08                             | 1.05E-04            | 1.51E-07                             | 3.77E-06            | 5.44E-09                             | 1.54E-04            | 2.22E-07                             |
| West Virginia | Pleasants County   | 54073 | R              | Chromium Compounds: Hexavalent only | 8.46E-02            | 6.00E-04                             | 4.71E-05            | 3.34E-07                             | 1.05E-04            | 7.45E-07                             | 1.62E-04            | 1.15E-06                             | 8.50E-02            | 6.03E-04                             |

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| State         | County             | FIPS  | Urban or Rural | Pollutant                           | Major               |                                      | Area and Other      |                                      | Onroad Mobile       |                                      | Nonroad Mobile      |                                      | Total               |                                      |
|---------------|--------------------|-------|----------------|-------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|
|               |                    |       |                |                                     | Emissions (tons/yr) | Emissions Density (tons/yr/sq. mile) |
| West Virginia | Pocahontas County  | 54075 | R              | Chromium Compounds: Hexavalent only | 0.00E+00            | 0.00E+00                             | 5.89E-05            | 6.24E-08                             | 1.60E-04            | 1.69E-07                             | 1.32E-05            | 1.39E-08                             | 2.32E-04            | 2.46E-07                             |
| West Virginia | Preston County     | 54077 | R              | Chromium Compounds: Hexavalent only | 4.13E-03            | 6.23E-06                             | 1.17E-04            | 1.77E-07                             | 7.60E-04            | 1.15E-06                             | 2.72E-05            | 4.11E-08                             | 5.03E-03            | 7.59E-06                             |
| West Virginia | Raleigh County     | 54081 | R              | Chromium Compounds: Hexavalent only | 0.00E+00            | 0.00E+00                             | 6.53E-04            | 1.08E-06                             | 2.15E-03            | 3.53E-06                             | 5.33E-05            | 8.78E-08                             | 2.85E-03            | 4.70E-06                             |
| West Virginia | Randolph County    | 54083 | R              | Chromium Compounds: Hexavalent only | 0.00E+00            | 0.00E+00                             | 2.53E-03            | 2.43E-06                             | 5.00E-04            | 4.80E-07                             | 2.33E-05            | 2.24E-08                             | 3.05E-03            | 2.93E-06                             |
| West Virginia | Ritchie County     | 54085 | R              | Chromium Compounds: Hexavalent only | 0.00E+00            | 0.00E+00                             | 5.18E-05            | 1.17E-07                             | 1.35E-04            | 3.06E-07                             | 5.89E-06            | 1.34E-08                             | 1.93E-04            | 4.37E-07                             |
| West Virginia | Roane County       | 54087 | R              | Chromium Compounds: Hexavalent only | 0.00E+00            | 0.00E+00                             | 7.00E-05            | 1.43E-07                             | 4.20E-04            | 8.58E-07                             | 7.88E-06            | 1.61E-08                             | 4.98E-04            | 1.02E-06                             |
| West Virginia | Summers County     | 54089 | R              | Chromium Compounds: Hexavalent only | 0.00E+00            | 0.00E+00                             | 4.80E-05            | 1.34E-07                             | 2.75E-04            | 7.68E-07                             | 3.16E-05            | 8.83E-08                             | 3.55E-04            | 9.91E-07                             |
| West Virginia | Taylor County      | 54091 | R              | Chromium Compounds: Hexavalent only | 0.00E+00            | 0.00E+00                             | 6.21E-05            | 3.57E-07                             | 1.85E-04            | 1.06E-06                             | 1.49E-05            | 8.58E-08                             | 2.62E-04            | 1.51E-06                             |
| West Virginia | Tucker County      | 54093 | R              | Chromium Compounds: Hexavalent only | 0.00E+00            | 0.00E+00                             | 5.70E-05            | 1.32E-07                             | 1.40E-04            | 3.24E-07                             | 6.47E-06            | 1.50E-08                             | 2.03E-04            | 4.71E-07                             |
| West Virginia | Tyler County       | 54095 | R              | Chromium Compounds: Hexavalent only | 0.00E+00            | 0.00E+00                             | 5.20E-05            | 2.03E-07                             | 1.20E-04            | 4.67E-07                             | 1.21E-04            | 4.70E-07                             | 2.93E-04            | 1.14E-06                             |
| West Virginia | Upshur County      | 54097 | R              | Chromium Compounds: Hexavalent only | 0.00E+00            | 0.00E+00                             | 1.71E-03            | 4.91E-06                             | 4.20E-04            | 1.21E-06                             | 2.38E-05            | 6.84E-08                             | 2.15E-03            | 6.18E-06                             |
| West Virginia | Webster County     | 54101 | R              | Chromium Compounds: Hexavalent only | 0.00E+00            | 0.00E+00                             | 3.05E-04            | 5.45E-07                             | 8.00E-05            | 1.43E-07                             | 1.09E-05            | 1.95E-08                             | 3.96E-04            | 7.08E-07                             |
| West Virginia | Wetzel County      | 54103 | R              | Chromium Compounds: Hexavalent only | 0.00E+00            | 0.00E+00                             | 2.44E-04            | 6.85E-07                             | 3.00E-04            | 8.43E-07                             | 1.46E-04            | 4.11E-07                             | 6.90E-04            | 1.94E-06                             |
| West Virginia | Wirt County        | 54105 | R              | Chromium Compounds: Hexavalent only | 0.00E+00            | 0.00E+00                             | 2.05E-05            | 9.07E-08                             | 4.50E-05            | 1.99E-07                             | 8.93E-06            | 3.95E-08                             | 7.44E-05            | 3.29E-07                             |
| West Virginia | Wyoming County     | 54109 | R              | Chromium Compounds: Hexavalent only | 0.00E+00            | 0.00E+00                             | 5.02E-04            | 9.85E-07                             | 4.95E-04            | 9.72E-07                             | 1.62E-05            | 3.19E-08                             | 1.01E-03            | 1.99E-06                             |
| West Virginia | All Rural Counties | N/A   | R              | Coke Oven Emissions                 | 7.72E+01            | 3.66E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 7.72E+01            | 3.66E-03                             |
| West Virginia | Barbour County     | 54001 | R              | Coke Oven Emissions                 | 0.00E+00            | 0.00E+00                             |
| West Virginia | Boone County       | 54005 | R              | Coke Oven Emissions                 | 0.00E+00            | 0.00E+00                             |
| West Virginia | Braxton County     | 54007 | R              | Coke Oven Emissions                 | 0.00E+00            | 0.00E+00                             |
| West Virginia | Brooke County      | 54009 | R              | Coke Oven Emissions                 | 7.72E+01            | 8.76E-01                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 7.72E+01            | 8.76E-01                             |
| West Virginia | Calhoun County     | 54013 | R              | Coke Oven Emissions                 | 0.00E+00            | 0.00E+00                             |
| West Virginia | Clay County        | 54015 | R              | Coke Oven Emissions                 | 0.00E+00            | 0.00E+00                             |
| West Virginia | Doddridge County   | 54017 | R              | Coke Oven Emissions                 | 0.00E+00            | 0.00E+00                             |
| West Virginia | Fayette County     | 54019 | R              | Coke Oven Emissions                 | 0.00E+00            | 0.00E+00                             |
| West Virginia | Gilmer County      | 54021 | R              | Coke Oven Emissions                 | 0.00E+00            | 0.00E+00                             |
| West Virginia | Grant County       | 54023 | R              | Coke Oven Emissions                 | 0.00E+00            | 0.00E+00                             |
| West Virginia | Greenbrier County  | 54025 | R              | Coke Oven Emissions                 | 0.00E+00            | 0.00E+00                             |
| West Virginia | Hampshire County   | 54027 | R              | Coke Oven Emissions                 | 0.00E+00            | 0.00E+00                             |
| West Virginia | Hardy County       | 54031 | R              | Coke Oven Emissions                 | 0.00E+00            | 0.00E+00                             |
| West Virginia | Harrison County    | 54033 | R              | Coke Oven Emissions                 | 0.00E+00            | 0.00E+00                             |
| West Virginia | Jackson County     | 54035 | R              | Coke Oven Emissions                 | 0.00E+00            | 0.00E+00                             |
| West Virginia | Lewis County       | 54041 | R              | Coke Oven Emissions                 | 0.00E+00            | 0.00E+00                             |
| West Virginia | Lincoln County     | 54043 | R              | Coke Oven Emissions                 | 0.00E+00            | 0.00E+00                             |
| West Virginia | Logan County       | 54045 | R              | Coke Oven Emissions                 | 0.00E+00            | 0.00E+00                             |
| West Virginia | McDowell County    | 54047 | R              | Coke Oven Emissions                 | 0.00E+00            | 0.00E+00                             |
| West Virginia | Marion County      | 54049 | R              | Coke Oven Emissions                 | 0.00E+00            | 0.00E+00                             |
| West Virginia | Marshall County    | 54051 | R              | Coke Oven Emissions                 | 0.00E+00            | 0.00E+00                             |
| West Virginia | Mason County       | 54053 | R              | Coke Oven Emissions                 | 0.00E+00            | 0.00E+00                             |
| West Virginia | Mercer County      | 54055 | R              | Coke Oven Emissions                 | 0.00E+00            | 0.00E+00                             |
| West Virginia | Mineral County     | 54057 | R              | Coke Oven Emissions                 | 0.00E+00            | 0.00E+00                             |
| West Virginia | Mingo County       | 54059 | R              | Coke Oven Emissions                 | 0.00E+00            | 0.00E+00                             |
| West Virginia | Monongalia County  | 54061 | R              | Coke Oven Emissions                 | 0.00E+00            | 0.00E+00                             |
| West Virginia | Monroe County      | 54063 | R              | Coke Oven Emissions                 | 0.00E+00            | 0.00E+00                             |
| West Virginia | Morgan County      | 54065 | R              | Coke Oven Emissions                 | 0.00E+00            | 0.00E+00                             |
| West Virginia | Nicholas County    | 54067 | R              | Coke Oven Emissions                 | 0.00E+00            | 0.00E+00                             |
| West Virginia | Pendleton County   | 54071 | R              | Coke Oven Emissions                 | 0.00E+00            | 0.00E+00                             |
| West Virginia | Pleasants County   | 54073 | R              | Coke Oven Emissions                 | 0.00E+00            | 0.00E+00                             |
| West Virginia | Pocahontas County  | 54075 | R              | Coke Oven Emissions                 | 0.00E+00            | 0.00E+00                             |
| West Virginia | Preston County     | 54077 | R              | Coke Oven Emissions                 | 0.00E+00            | 0.00E+00                             |
| West Virginia | Raleigh County     | 54081 | R              | Coke Oven Emissions                 | 0.00E+00            | 0.00E+00                             |
| West Virginia | Randolph County    | 54083 | R              | Coke Oven Emissions                 | 0.00E+00            | 0.00E+00                             |
| West Virginia | Ritchie County     | 54085 | R              | Coke Oven Emissions                 | 0.00E+00            | 0.00E+00                             |
| West Virginia | Roane County       | 54087 | R              | Coke Oven Emissions                 | 0.00E+00            | 0.00E+00                             |
| West Virginia | Summers County     | 54089 | R              | Coke Oven Emissions                 | 0.00E+00            | 0.00E+00                             |

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| State         | County             | FIPS  | Urban or Rural | Pollutant           | Major               |                                      | Area and Other      |                                      | Onroad Mobile       |                                      | Nonroad Mobile      |                                      | Total               |                                      |
|---------------|--------------------|-------|----------------|---------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|
|               |                    |       |                |                     | Emissions (tons/yr) | Emissions Density (tons/yr/sq. mile) |
| West Virginia | Taylor County      | 54091 | R              | Coke Oven Emissions | 0.00E+00            | 0.00E+00                             |
| West Virginia | Tucker County      | 54093 | R              | Coke Oven Emissions | 0.00E+00            | 0.00E+00                             |
| West Virginia | Tyler County       | 54095 | R              | Coke Oven Emissions | 0.00E+00            | 0.00E+00                             |
| West Virginia | Upshur County      | 54097 | R              | Coke Oven Emissions | 0.00E+00            | 0.00E+00                             |
| West Virginia | Webster County     | 54101 | R              | Coke Oven Emissions | 0.00E+00            | 0.00E+00                             |
| West Virginia | Wetzel County      | 54103 | R              | Coke Oven Emissions | 0.00E+00            | 0.00E+00                             |
| West Virginia | Wirt County        | 54105 | R              | Coke Oven Emissions | 0.00E+00            | 0.00E+00                             |
| West Virginia | Wyoming County     | 54109 | R              | Coke Oven Emissions | 0.00E+00            | 0.00E+00                             |
| West Virginia | All Rural Counties | N/A   | R              | 1,4-Dichlorobenzene | 5.50E+00            | 2.61E-04                             | 4.72E+01            | 2.24E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.27E+01            | 2.50E-03                             |
| West Virginia | Barbour County     | 54001 | R              | 1,4-Dichlorobenzene | 0.00E+00            | 0.00E+00                             | 6.48E-01            | 1.91E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.48E-01            | 1.91E-03                             |
| West Virginia | Boone County       | 54005 | R              | 1,4-Dichlorobenzene | 0.00E+00            | 0.00E+00                             | 1.06E+00            | 2.09E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.06E+00            | 2.09E-03                             |
| West Virginia | Braxton County     | 54007 | R              | 1,4-Dichlorobenzene | 0.00E+00            | 0.00E+00                             | 6.12E-01            | 1.18E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.12E-01            | 1.18E-03                             |
| West Virginia | Brooke County      | 54009 | R              | 1,4-Dichlorobenzene | 0.00E+00            | 0.00E+00                             | 1.07E+00            | 1.21E-02                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.07E+00            | 1.21E-02                             |
| West Virginia | Calhoun County     | 54013 | R              | 1,4-Dichlorobenzene | 0.00E+00            | 0.00E+00                             | 3.16E-01            | 1.12E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.16E-01            | 1.12E-03                             |
| West Virginia | Clay County        | 54015 | R              | 1,4-Dichlorobenzene | 0.00E+00            | 0.00E+00                             | 4.30E-01            | 1.24E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.30E-01            | 1.24E-03                             |
| West Virginia | Doddridge County   | 54017 | R              | 1,4-Dichlorobenzene | 0.00E+00            | 0.00E+00                             | 3.08E-01            | 9.49E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.08E-01            | 9.49E-04                             |
| West Virginia | Fayette County     | 54019 | R              | 1,4-Dichlorobenzene | 0.00E+00            | 0.00E+00                             | 1.98E+00            | 2.91E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.98E+00            | 2.91E-03                             |
| West Virginia | Gilmer County      | 54021 | R              | 1,4-Dichlorobenzene | 0.00E+00            | 0.00E+00                             | 2.98E-01            | 8.76E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.98E-01            | 8.76E-04                             |
| West Virginia | Grant County       | 54023 | R              | 1,4-Dichlorobenzene | 0.00E+00            | 0.00E+00                             | 4.70E-01            | 9.79E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.70E-01            | 9.79E-04                             |
| West Virginia | Greenbrier County  | 54025 | R              | 1,4-Dichlorobenzene | 0.00E+00            | 0.00E+00                             | 1.44E+00            | 1.40E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.44E+00            | 1.40E-03                             |
| West Virginia | Hampshire County   | 54027 | R              | 1,4-Dichlorobenzene | 0.00E+00            | 0.00E+00                             | 8.41E-01            | 1.31E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 8.41E-01            | 1.31E-03                             |
| West Virginia | Hardy County       | 54031 | R              | 1,4-Dichlorobenzene | 0.00E+00            | 0.00E+00                             | 5.27E-01            | 8.86E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.27E-01            | 8.86E-04                             |
| West Virginia | Harrison County    | 54033 | R              | 1,4-Dichlorobenzene | 0.00E+00            | 0.00E+00                             | 2.87E+00            | 6.76E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.87E+00            | 6.76E-03                             |
| West Virginia | Jackson County     | 54035 | R              | 1,4-Dichlorobenzene | 0.00E+00            | 0.00E+00                             | 1.17E+00            | 2.43E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.17E+00            | 2.43E-03                             |
| West Virginia | Lewis County       | 54041 | R              | 1,4-Dichlorobenzene | 0.00E+00            | 0.00E+00                             | 7.04E-01            | 1.83E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 7.04E-01            | 1.83E-03                             |
| West Virginia | Lincoln County     | 54043 | R              | 1,4-Dichlorobenzene | 0.00E+00            | 0.00E+00                             | 9.20E-01            | 2.12E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 9.20E-01            | 2.12E-03                             |
| West Virginia | Logan County       | 54045 | R              | 1,4-Dichlorobenzene | 0.00E+00            | 0.00E+00                             | 1.57E+00            | 3.49E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.57E+00            | 3.49E-03                             |
| West Virginia | McDowell County    | 54047 | R              | 1,4-Dichlorobenzene | 0.00E+00            | 0.00E+00                             | 1.14E+00            | 2.16E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.14E+00            | 2.16E-03                             |
| West Virginia | Marion County      | 54049 | R              | 1,4-Dichlorobenzene | 0.00E+00            | 0.00E+00                             | 2.36E+00            | 7.62E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.36E+00            | 7.62E-03                             |
| West Virginia | Marshall County    | 54051 | R              | 1,4-Dichlorobenzene | 5.50E+00            | 1.77E-02                             | 1.48E+00            | 4.75E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.98E+00            | 2.24E-02                             |
| West Virginia | Mason County       | 54053 | R              | 1,4-Dichlorobenzene | 0.00E+00            | 0.00E+00                             | 1.08E+00            | 2.44E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.08E+00            | 2.44E-03                             |
| West Virginia | Mercer County      | 54055 | R              | 1,4-Dichlorobenzene | 0.00E+00            | 0.00E+00                             | 2.63E+00            | 6.18E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.63E+00            | 6.18E-03                             |
| West Virginia | Mineral County     | 54057 | R              | 1,4-Dichlorobenzene | 0.00E+00            | 0.00E+00                             | 1.13E+00            | 3.49E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.13E+00            | 3.49E-03                             |
| West Virginia | Mingo County       | 54059 | R              | 1,4-Dichlorobenzene | 0.00E+00            | 0.00E+00                             | 1.18E+00            | 2.72E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.18E+00            | 2.72E-03                             |
| West Virginia | Monongalia County  | 54061 | R              | 1,4-Dichlorobenzene | 0.00E+00            | 0.00E+00                             | 3.41E+00            | 9.39E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.41E+00            | 9.39E-03                             |
| West Virginia | Monroe County      | 54063 | R              | 1,4-Dichlorobenzene | 0.00E+00            | 0.00E+00                             | 6.11E-01            | 1.28E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.11E-01            | 1.28E-03                             |
| West Virginia | Morgan County      | 54065 | R              | 1,4-Dichlorobenzene | 0.00E+00            | 0.00E+00                             | 6.22E-01            | 2.65E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.22E-01            | 2.65E-03                             |
| West Virginia | Nicholas County    | 54067 | R              | 1,4-Dichlorobenzene | 0.00E+00            | 0.00E+00                             | 1.11E+00            | 1.71E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.11E+00            | 1.71E-03                             |
| West Virginia | Pendleton County   | 54071 | R              | 1,4-Dichlorobenzene | 0.00E+00            | 0.00E+00                             | 3.41E-01            | 4.92E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.41E-01            | 4.92E-04                             |
| West Virginia | Pleasants County   | 54073 | R              | 1,4-Dichlorobenzene | 0.00E+00            | 0.00E+00                             | 3.13E-01            | 2.22E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.13E-01            | 2.22E-03                             |
| West Virginia | Pocahontas County  | 54075 | R              | 1,4-Dichlorobenzene | 0.00E+00            | 0.00E+00                             | 3.82E-01            | 4.04E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.82E-01            | 4.04E-04                             |
| West Virginia | Preston County     | 54077 | R              | 1,4-Dichlorobenzene | 0.00E+00            | 0.00E+00                             | 1.22E+00            | 1.84E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.22E+00            | 1.84E-03                             |
| West Virginia | Raleigh County     | 54081 | R              | 1,4-Dichlorobenzene | 0.00E+00            | 0.00E+00                             | 3.30E+00            | 5.45E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.30E+00            | 5.45E-03                             |
| West Virginia | Randolph County    | 54083 | R              | 1,4-Dichlorobenzene | 0.00E+00            | 0.00E+00                             | 1.18E+00            | 1.13E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.18E+00            | 1.13E-03                             |
| West Virginia | Ritchie County     | 54085 | R              | 1,4-Dichlorobenzene | 0.00E+00            | 0.00E+00                             | 4.31E-01            | 9.77E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.31E-01            | 9.77E-04                             |
| West Virginia | Roane County       | 54087 | R              | 1,4-Dichlorobenzene | 0.00E+00            | 0.00E+00                             | 6.43E-01            | 1.31E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.43E-01            | 1.31E-03                             |
| West Virginia | Summers County     | 54089 | R              | 1,4-Dichlorobenzene | 0.00E+00            | 0.00E+00                             | 5.60E-01            | 1.56E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.60E-01            | 1.56E-03                             |
| West Virginia | Taylor County      | 54091 | R              | 1,4-Dichlorobenzene | 0.00E+00            | 0.00E+00                             | 6.70E-01            | 3.85E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.70E-01            | 3.85E-03                             |
| West Virginia | Tucker County      | 54093 | R              | 1,4-Dichlorobenzene | 0.00E+00            | 0.00E+00                             | 3.09E-01            | 7.17E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.09E-01            | 7.17E-04                             |
| West Virginia | Tyler County       | 54095 | R              | 1,4-Dichlorobenzene | 0.00E+00            | 0.00E+00                             | 3.99E-01            | 1.56E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.99E-01            | 1.56E-03                             |
| West Virginia | Upshur County      | 54097 | R              | 1,4-Dichlorobenzene | 0.00E+00            | 0.00E+00                             | 9.75E-01            | 2.80E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 9.75E-01            | 2.80E-03                             |
| West Virginia | Webster County     | 54101 | R              | 1,4-Dichlorobenzene | 0.00E+00            | 0.00E+00                             | 4.05E-01            | 7.25E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.05E-01            | 7.25E-04                             |
| West Virginia | Wetzel County      | 54103 | R              | 1,4-Dichlorobenzene | 0.00E+00            | 0.00E+00                             | 7.45E-01            | 2.09E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 7.45E-01            | 2.09E-03                             |
| West Virginia | Wirt County        | 54105 | R              | 1,4-Dichlorobenzene | 0.00E+00            | 0.00E+00                             | 2.45E-01            | 1.08E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.45E-01            | 1.08E-03                             |

DRAFT FOR REVIEW ONLY

| State         | County             | FIPS  | Urban or Rural | Pollutant           | Major               |                                      | Area and Other      |                                      | Onroad Mobile       |                                      | Nonroad Mobile      |                                      | Total               |                                      |
|---------------|--------------------|-------|----------------|---------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|
|               |                    |       |                |                     | Emissions (tons/yr) | Emissions Density (tons/yr/sq. mile) |
| West Virginia | Wyoming County     | 54109 | R              | 1,4-Dichlorobenzene | 0.00E+00            | 0.00E+00                             | 1.07E+00            | 2.10E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.07E+00            | 2.10E-03                             |
| West Virginia | All Rural Counties | N/A   | R              | 1,3-Dichloropropene | 0.00E+00            | 0.00E+00                             | 9.05E+01            | 4.29E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 9.05E+01            | 4.29E-03                             |
| West Virginia | Barbour County     | 54001 | R              | 1,3-Dichloropropene | 0.00E+00            | 0.00E+00                             | 1.24E+00            | 3.68E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.24E+00            | 3.68E-03                             |
| West Virginia | Boone County       | 54005 | R              | 1,3-Dichloropropene | 0.00E+00            | 0.00E+00                             | 2.04E+00            | 4.01E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.04E+00            | 4.01E-03                             |
| West Virginia | Braxton County     | 54007 | R              | 1,3-Dichloropropene | 0.00E+00            | 0.00E+00                             | 1.18E+00            | 2.27E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.18E+00            | 2.27E-03                             |
| West Virginia | Brooke County      | 54009 | R              | 1,3-Dichloropropene | 0.00E+00            | 0.00E+00                             | 2.04E+00            | 2.31E-02                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.04E+00            | 2.31E-02                             |
| West Virginia | Calhoun County     | 54013 | R              | 1,3-Dichloropropene | 0.00E+00            | 0.00E+00                             | 6.07E-01            | 2.14E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.07E-01            | 2.14E-03                             |
| West Virginia | Clay County        | 54015 | R              | 1,3-Dichloropropene | 0.00E+00            | 0.00E+00                             | 8.26E-01            | 2.39E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 8.26E-01            | 2.39E-03                             |
| West Virginia | Doddridge County   | 54017 | R              | 1,3-Dichloropropene | 0.00E+00            | 0.00E+00                             | 5.92E-01            | 1.82E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.92E-01            | 1.82E-03                             |
| West Virginia | Fayette County     | 54019 | R              | 1,3-Dichloropropene | 0.00E+00            | 0.00E+00                             | 3.81E+00            | 5.58E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.81E+00            | 5.58E-03                             |
| West Virginia | Gilmer County      | 54021 | R              | 1,3-Dichloropropene | 0.00E+00            | 0.00E+00                             | 5.73E-01            | 1.68E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.73E-01            | 1.68E-03                             |
| West Virginia | Grant County       | 54023 | R              | 1,3-Dichloropropene | 0.00E+00            | 0.00E+00                             | 9.04E-01            | 1.88E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 9.04E-01            | 1.88E-03                             |
| West Virginia | Greenbrier County  | 54025 | R              | 1,3-Dichloropropene | 0.00E+00            | 0.00E+00                             | 2.76E+00            | 2.68E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.76E+00            | 2.68E-03                             |
| West Virginia | Hampshire County   | 54027 | R              | 1,3-Dichloropropene | 0.00E+00            | 0.00E+00                             | 1.62E+00            | 2.53E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.62E+00            | 2.53E-03                             |
| West Virginia | Hardy County       | 54031 | R              | 1,3-Dichloropropene | 0.00E+00            | 0.00E+00                             | 1.01E+00            | 1.70E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.01E+00            | 1.70E-03                             |
| West Virginia | Harrison County    | 54033 | R              | 1,3-Dichloropropene | 0.00E+00            | 0.00E+00                             | 5.49E+00            | 1.29E-02                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.49E+00            | 1.29E-02                             |
| West Virginia | Jackson County     | 54035 | R              | 1,3-Dichloropropene | 0.00E+00            | 0.00E+00                             | 2.24E+00            | 4.66E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.24E+00            | 4.66E-03                             |
| West Virginia | Lewis County       | 54041 | R              | 1,3-Dichloropropene | 0.00E+00            | 0.00E+00                             | 1.35E+00            | 3.52E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.35E+00            | 3.52E-03                             |
| West Virginia | Lincoln County     | 54043 | R              | 1,3-Dichloropropene | 0.00E+00            | 0.00E+00                             | 1.77E+00            | 4.08E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.77E+00            | 4.08E-03                             |
| West Virginia | Logan County       | 54045 | R              | 1,3-Dichloropropene | 0.00E+00            | 0.00E+00                             | 3.02E+00            | 6.71E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.02E+00            | 6.71E-03                             |
| West Virginia | McDowell County    | 54047 | R              | 1,3-Dichloropropene | 0.00E+00            | 0.00E+00                             | 2.19E+00            | 4.15E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.19E+00            | 4.15E-03                             |
| West Virginia | Marion County      | 54049 | R              | 1,3-Dichloropropene | 0.00E+00            | 0.00E+00                             | 4.53E+00            | 1.46E-02                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.53E+00            | 1.46E-02                             |
| West Virginia | Marshall County    | 54051 | R              | 1,3-Dichloropropene | 0.00E+00            | 0.00E+00                             | 2.84E+00            | 9.13E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.84E+00            | 9.13E-03                             |
| West Virginia | Mason County       | 54053 | R              | 1,3-Dichloropropene | 0.00E+00            | 0.00E+00                             | 2.08E+00            | 4.69E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.08E+00            | 4.69E-03                             |
| West Virginia | Mercer County      | 54055 | R              | 1,3-Dichloropropene | 0.00E+00            | 0.00E+00                             | 5.04E+00            | 1.19E-02                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.04E+00            | 1.19E-02                             |
| West Virginia | Mineral County     | 54057 | R              | 1,3-Dichloropropene | 0.00E+00            | 0.00E+00                             | 2.17E+00            | 6.70E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.17E+00            | 6.70E-03                             |
| West Virginia | Mingo County       | 54059 | R              | 1,3-Dichloropropene | 0.00E+00            | 0.00E+00                             | 2.26E+00            | 5.21E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.26E+00            | 5.21E-03                             |
| West Virginia | Monongalia County  | 54061 | R              | 1,3-Dichloropropene | 0.00E+00            | 0.00E+00                             | 6.55E+00            | 1.80E-02                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.55E+00            | 1.80E-02                             |
| West Virginia | Monroe County      | 54063 | R              | 1,3-Dichloropropene | 0.00E+00            | 0.00E+00                             | 1.17E+00            | 2.45E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.17E+00            | 2.45E-03                             |
| West Virginia | Morgan County      | 54065 | R              | 1,3-Dichloropropene | 0.00E+00            | 0.00E+00                             | 1.20E+00            | 5.09E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.20E+00            | 5.09E-03                             |
| West Virginia | Nicholas County    | 54067 | R              | 1,3-Dichloropropene | 0.00E+00            | 0.00E+00                             | 2.12E+00            | 3.28E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.12E+00            | 3.28E-03                             |
| West Virginia | Pendleton County   | 54071 | R              | 1,3-Dichloropropene | 0.00E+00            | 0.00E+00                             | 6.56E-01            | 9.45E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.56E-01            | 9.45E-04                             |
| West Virginia | Pleasants County   | 54073 | R              | 1,3-Dichloropropene | 0.00E+00            | 0.00E+00                             | 6.01E-01            | 4.26E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.01E-01            | 4.26E-03                             |
| West Virginia | Pocahontas County  | 54075 | R              | 1,3-Dichloropropene | 0.00E+00            | 0.00E+00                             | 7.30E-01            | 7.73E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 7.30E-01            | 7.73E-04                             |
| West Virginia | Preston County     | 54077 | R              | 1,3-Dichloropropene | 0.00E+00            | 0.00E+00                             | 2.35E+00            | 3.54E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.35E+00            | 3.54E-03                             |
| West Virginia | Raleigh County     | 54081 | R              | 1,3-Dichloropropene | 0.00E+00            | 0.00E+00                             | 6.34E+00            | 1.04E-02                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.34E+00            | 1.04E-02                             |
| West Virginia | Randolph County    | 54083 | R              | 1,3-Dichloropropene | 0.00E+00            | 0.00E+00                             | 2.26E+00            | 2.17E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.26E+00            | 2.17E-03                             |
| West Virginia | Ritchie County     | 54085 | R              | 1,3-Dichloropropene | 0.00E+00            | 0.00E+00                             | 8.27E-01            | 1.88E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 8.27E-01            | 1.88E-03                             |
| West Virginia | Roane County       | 54087 | R              | 1,3-Dichloropropene | 0.00E+00            | 0.00E+00                             | 1.24E+00            | 2.52E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.24E+00            | 2.52E-03                             |
| West Virginia | Summers County     | 54089 | R              | 1,3-Dichloropropene | 0.00E+00            | 0.00E+00                             | 1.04E+00            | 2.91E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.04E+00            | 2.91E-03                             |
| West Virginia | Taylor County      | 54091 | R              | 1,3-Dichloropropene | 0.00E+00            | 0.00E+00                             | 1.29E+00            | 7.41E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.29E+00            | 7.41E-03                             |
| West Virginia | Tucker County      | 54093 | R              | 1,3-Dichloropropene | 0.00E+00            | 0.00E+00                             | 5.86E-01            | 1.36E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.86E-01            | 1.36E-03                             |
| West Virginia | Tyler County       | 54095 | R              | 1,3-Dichloropropene | 0.00E+00            | 0.00E+00                             | 7.67E-01            | 2.99E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 7.67E-01            | 2.99E-03                             |
| West Virginia | Upshur County      | 54097 | R              | 1,3-Dichloropropene | 0.00E+00            | 0.00E+00                             | 1.87E+00            | 5.38E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.87E+00            | 5.38E-03                             |
| West Virginia | Webster County     | 54101 | R              | 1,3-Dichloropropene | 0.00E+00            | 0.00E+00                             | 7.78E-01            | 1.39E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 7.78E-01            | 1.39E-03                             |
| West Virginia | Wetzel County      | 54103 | R              | 1,3-Dichloropropene | 0.00E+00            | 0.00E+00                             | 1.42E+00            | 3.98E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.42E+00            | 3.98E-03                             |
| West Virginia | Wirt County        | 54105 | R              | 1,3-Dichloropropene | 0.00E+00            | 0.00E+00                             | 4.70E-01            | 2.08E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.70E-01            | 2.08E-03                             |
| West Virginia | Wyoming County     | 54109 | R              | 1,3-Dichloropropene | 0.00E+00            | 0.00E+00                             | 2.06E+00            | 4.04E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.06E+00            | 4.04E-03                             |
| West Virginia | All Rural Counties | N/A   | R              | Ethylene Dibromide  | 0.00E+00            | 0.00E+00                             | 9.22E-04            | 4.37E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 9.22E-04            | 4.37E-08                             |
| West Virginia | Barbour County     | 54001 | R              | Ethylene Dibromide  | 0.00E+00            | 0.00E+00                             |
| West Virginia | Boone County       | 54005 | R              | Ethylene Dibromide  | 0.00E+00            | 0.00E+00                             |
| West Virginia | Braxton County     | 54007 | R              | Ethylene Dibromide  | 0.00E+00            | 0.00E+00                             | 1.76E-06            | 3.40E-09                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.76E-06            | 3.40E-09                             |
| West Virginia | Brooke County      | 54009 | R              | Ethylene Dibromide  | 0.00E+00            | 0.00E+00                             | 6.84E-05            | 7.76E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.84E-05            | 7.76E-07                             |
| West Virginia | Calhoun County     | 54013 | R              | Ethylene Dibromide  | 0.00E+00            | 0.00E+00                             |

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| State         | County             | FIPS  | Urban or Rural | Pollutant           | Major               |                                      | Area and Other      |                                      | Onroad Mobile       |                                      | Nonroad Mobile      |                                      | Total               |                                      |
|---------------|--------------------|-------|----------------|---------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|
|               |                    |       |                |                     | Emissions (tons/yr) | Emissions Density (tons/yr/sq. mile) |
| West Virginia | Clay County        | 54015 | R              | Ethylene Dibromide  | 0.00E+00            | 0.00E+00                             |
| West Virginia | Doddridge County   | 54017 | R              | Ethylene Dibromide  | 0.00E+00            | 0.00E+00                             |
| West Virginia | Fayette County     | 54019 | R              | Ethylene Dibromide  | 0.00E+00            | 0.00E+00                             | 2.13E-05            | 3.11E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.13E-05            | 3.11E-08                             |
| West Virginia | Gilmer County      | 54021 | R              | Ethylene Dibromide  | 0.00E+00            | 0.00E+00                             |
| West Virginia | Grant County       | 54023 | R              | Ethylene Dibromide  | 0.00E+00            | 0.00E+00                             |
| West Virginia | Greenbrier County  | 54025 | R              | Ethylene Dibromide  | 0.00E+00            | 0.00E+00                             | 6.21E-06            | 6.04E-09                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.21E-06            | 6.04E-09                             |
| West Virginia | Hampshire County   | 54027 | R              | Ethylene Dibromide  | 0.00E+00            | 0.00E+00                             | 1.43E-06            | 2.24E-09                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.43E-06            | 2.24E-09                             |
| West Virginia | Hardy County       | 54031 | R              | Ethylene Dibromide  | 0.00E+00            | 0.00E+00                             |
| West Virginia | Harrison County    | 54033 | R              | Ethylene Dibromide  | 0.00E+00            | 0.00E+00                             | 8.52E-05            | 2.00E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 8.52E-05            | 2.00E-07                             |
| West Virginia | Jackson County     | 54035 | R              | Ethylene Dibromide  | 0.00E+00            | 0.00E+00                             |
| West Virginia | Lewis County       | 54041 | R              | Ethylene Dibromide  | 0.00E+00            | 0.00E+00                             |
| West Virginia | Lincoln County     | 54043 | R              | Ethylene Dibromide  | 0.00E+00            | 0.00E+00                             |
| West Virginia | Logan County       | 54045 | R              | Ethylene Dibromide  | 0.00E+00            | 0.00E+00                             | 6.14E-06            | 1.37E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.14E-06            | 1.37E-08                             |
| West Virginia | McDowell County    | 54047 | R              | Ethylene Dibromide  | 0.00E+00            | 0.00E+00                             | 4.78E-06            | 9.08E-09                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.78E-06            | 9.08E-09                             |
| West Virginia | Marion County      | 54049 | R              | Ethylene Dibromide  | 0.00E+00            | 0.00E+00                             | 1.87E-05            | 6.06E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.87E-05            | 6.06E-08                             |
| West Virginia | Marshall County    | 54051 | R              | Ethylene Dibromide  | 0.00E+00            | 0.00E+00                             |
| West Virginia | Mason County       | 54053 | R              | Ethylene Dibromide  | 0.00E+00            | 0.00E+00                             |
| West Virginia | Mercer County      | 54055 | R              | Ethylene Dibromide  | 0.00E+00            | 0.00E+00                             | 4.36E-05            | 1.03E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.36E-05            | 1.03E-07                             |
| West Virginia | Mineral County     | 54057 | R              | Ethylene Dibromide  | 0.00E+00            | 0.00E+00                             |
| West Virginia | Mingo County       | 54059 | R              | Ethylene Dibromide  | 0.00E+00            | 0.00E+00                             | 3.19E-05            | 7.35E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.19E-05            | 7.35E-08                             |
| West Virginia | Monongalia County  | 54061 | R              | Ethylene Dibromide  | 0.00E+00            | 0.00E+00                             | 4.77E-05            | 1.31E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.77E-05            | 1.31E-07                             |
| West Virginia | Monroe County      | 54063 | R              | Ethylene Dibromide  | 0.00E+00            | 0.00E+00                             | 2.71E-05            | 5.69E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.71E-05            | 5.69E-08                             |
| West Virginia | Morgan County      | 54065 | R              | Ethylene Dibromide  | 0.00E+00            | 0.00E+00                             | 2.05E-06            | 8.72E-09                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.05E-06            | 8.72E-09                             |
| West Virginia | Nicholas County    | 54067 | R              | Ethylene Dibromide  | 0.00E+00            | 0.00E+00                             | 1.05E-05            | 1.63E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.05E-05            | 1.63E-08                             |
| West Virginia | Pendleton County   | 54071 | R              | Ethylene Dibromide  | 0.00E+00            | 0.00E+00                             |
| West Virginia | Pleasants County   | 54073 | R              | Ethylene Dibromide  | 0.00E+00            | 0.00E+00                             |
| West Virginia | Pocahontas County  | 54075 | R              | Ethylene Dibromide  | 0.00E+00            | 0.00E+00                             | 1.07E-05            | 1.13E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.07E-05            | 1.13E-08                             |
| West Virginia | Preston County     | 54077 | R              | Ethylene Dibromide  | 0.00E+00            | 0.00E+00                             |
| West Virginia | Raleigh County     | 54081 | R              | Ethylene Dibromide  | 0.00E+00            | 0.00E+00                             | 4.35E-05            | 7.16E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.35E-05            | 7.16E-08                             |
| West Virginia | Randolph County    | 54083 | R              | Ethylene Dibromide  | 0.00E+00            | 0.00E+00                             | 9.18E-06            | 8.80E-09                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 9.18E-06            | 8.80E-09                             |
| West Virginia | Ritchie County     | 54085 | R              | Ethylene Dibromide  | 0.00E+00            | 0.00E+00                             | 1.44E-06            | 3.27E-09                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.44E-06            | 3.27E-09                             |
| West Virginia | Roane County       | 54087 | R              | Ethylene Dibromide  | 0.00E+00            | 0.00E+00                             |
| West Virginia | Summers County     | 54089 | R              | Ethylene Dibromide  | 0.00E+00            | 0.00E+00                             | 1.13E-04            | 3.17E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.13E-04            | 3.17E-07                             |
| West Virginia | Taylor County      | 54091 | R              | Ethylene Dibromide  | 0.00E+00            | 0.00E+00                             | 8.65E-06            | 4.98E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 8.65E-06            | 4.98E-08                             |
| West Virginia | Tucker County      | 54093 | R              | Ethylene Dibromide  | 0.00E+00            | 0.00E+00                             | 5.39E-05            | 1.25E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.39E-05            | 1.25E-07                             |
| West Virginia | Tyler County       | 54095 | R              | Ethylene Dibromide  | 0.00E+00            | 0.00E+00                             |
| West Virginia | Upshur County      | 54097 | R              | Ethylene Dibromide  | 0.00E+00            | 0.00E+00                             | 6.33E-06            | 1.82E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.33E-06            | 1.82E-08                             |
| West Virginia | Webster County     | 54101 | R              | Ethylene Dibromide  | 0.00E+00            | 0.00E+00                             | 2.62E-06            | 4.69E-09                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.62E-06            | 4.69E-09                             |
| West Virginia | Wetzel County      | 54103 | R              | Ethylene Dibromide  | 0.00E+00            | 0.00E+00                             | 2.90E-04            | 8.15E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.90E-04            | 8.15E-07                             |
| West Virginia | Wirt County        | 54105 | R              | Ethylene Dibromide  | 0.00E+00            | 0.00E+00                             |
| West Virginia | Wyoming County     | 54109 | R              | Ethylene Dibromide  | 0.00E+00            | 0.00E+00                             | 5.55E-06            | 1.09E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.55E-06            | 1.09E-08                             |
| West Virginia | All Rural Counties | N/A   | R              | Ethylene Dichloride | 5.08E-01            | 2.41E-05                             | 3.35E-01            | 1.59E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 8.42E-01            | 4.00E-05                             |
| West Virginia | Barbour County     | 54001 | R              | Ethylene Dichloride | 0.00E+00            | 0.00E+00                             | 4.92E-05            | 1.45E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.92E-05            | 1.45E-07                             |
| West Virginia | Boone County       | 54005 | R              | Ethylene Dichloride | 0.00E+00            | 0.00E+00                             | 7.94E-05            | 1.56E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 7.94E-05            | 1.56E-07                             |
| West Virginia | Braxton County     | 54007 | R              | Ethylene Dichloride | 0.00E+00            | 0.00E+00                             | 4.25E-04            | 8.20E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.25E-04            | 8.20E-07                             |
| West Virginia | Brooke County      | 54009 | R              | Ethylene Dichloride | 5.74E-03            | 6.52E-05                             | 1.00E-02            | 1.14E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.58E-02            | 1.79E-04                             |
| West Virginia | Calhoun County     | 54013 | R              | Ethylene Dichloride | 0.00E+00            | 0.00E+00                             | 2.33E-05            | 8.25E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.33E-05            | 8.25E-08                             |
| West Virginia | Clay County        | 54015 | R              | Ethylene Dichloride | 0.00E+00            | 0.00E+00                             | 3.15E-05            | 9.10E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.15E-05            | 9.10E-08                             |
| West Virginia | Doddridge County   | 54017 | R              | Ethylene Dichloride | 0.00E+00            | 0.00E+00                             | 2.23E-05            | 6.87E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.23E-05            | 6.87E-08                             |
| West Virginia | Fayette County     | 54019 | R              | Ethylene Dichloride | 1.73E-03            | 2.54E-06                             | 4.74E-03            | 6.94E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.47E-03            | 9.48E-06                             |
| West Virginia | Gilmer County      | 54021 | R              | Ethylene Dichloride | 0.00E+00            | 0.00E+00                             | 2.19E-05            | 6.45E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.19E-05            | 6.45E-08                             |
| West Virginia | Grant County       | 54023 | R              | Ethylene Dichloride | 1.39E-01            | 2.89E-04                             | 1.32E-04            | 2.75E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.39E-01            | 2.90E-04                             |
| West Virginia | Greenbrier County  | 54025 | R              | Ethylene Dichloride | 0.00E+00            | 0.00E+00                             | 1.70E-03            | 1.66E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.70E-03            | 1.66E-06                             |
| West Virginia | Hampshire County   | 54027 | R              | Ethylene Dichloride | 0.00E+00            | 0.00E+00                             | 3.72E-04            | 5.81E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.72E-04            | 5.81E-07                             |

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| State         | County             | FIPS  | Urban or Rural | Pollutant           | Major               |                                      | Area and Other      |                                      | Onroad Mobile       |                                      | Nonroad Mobile      |                                      | Total               |                                      |
|---------------|--------------------|-------|----------------|---------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|
|               |                    |       |                |                     | Emissions (tons/yr) | Emissions Density (tons/yr/sq. mile) |
| West Virginia | Hardy County       | 54031 | R              | Ethylene Dichloride | 0.00E+00            | 0.00E+00                             | 3.87E-05            | 6.49E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.87E-05            | 6.49E-08                             |
| West Virginia | Harrison County    | 54033 | R              | Ethylene Dichloride | 1.22E-01            | 2.87E-04                             | 3.89E-02            | 9.16E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.61E-01            | 3.79E-04                             |
| West Virginia | Jackson County     | 54035 | R              | Ethylene Dichloride | 0.00E+00            | 0.00E+00                             | 8.82E-05            | 1.84E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 8.82E-05            | 1.84E-07                             |
| West Virginia | Lewis County       | 54041 | R              | Ethylene Dichloride | 0.00E+00            | 0.00E+00                             | 5.42E-05            | 1.41E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.42E-05            | 1.41E-07                             |
| West Virginia | Lincoln County     | 54043 | R              | Ethylene Dichloride | 0.00E+00            | 0.00E+00                             | 6.72E-05            | 1.55E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.72E-05            | 1.55E-07                             |
| West Virginia | Logan County       | 54045 | R              | Ethylene Dichloride | 0.00E+00            | 0.00E+00                             | 1.45E-03            | 3.22E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.45E-03            | 3.22E-06                             |
| West Virginia | McDowell County    | 54047 | R              | Ethylene Dichloride | 0.00E+00            | 0.00E+00                             | 1.12E-03            | 2.12E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.12E-03            | 2.12E-06                             |
| West Virginia | Marion County      | 54049 | R              | Ethylene Dichloride | 2.84E-03            | 9.16E-06                             | 4.25E-03            | 1.37E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 7.08E-03            | 2.29E-05                             |
| West Virginia | Marshall County    | 54051 | R              | Ethylene Dichloride | 1.01E-01            | 3.24E-04                             | 1.24E-04            | 4.00E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.01E-01            | 3.24E-04                             |
| West Virginia | Mason County       | 54053 | R              | Ethylene Dichloride | 1.22E-01            | 2.75E-04                             | 5.88E-02            | 1.33E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.81E-01            | 4.08E-04                             |
| West Virginia | Mercer County      | 54055 | R              | Ethylene Dichloride | 0.00E+00            | 0.00E+00                             | 9.88E-03            | 2.32E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 9.88E-03            | 2.32E-05                             |
| West Virginia | Mineral County     | 54057 | R              | Ethylene Dichloride | 0.00E+00            | 0.00E+00                             | 1.17E-01            | 3.61E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.17E-01            | 3.61E-04                             |
| West Virginia | Mingo County       | 54059 | R              | Ethylene Dichloride | 0.00E+00            | 0.00E+00                             | 6.97E-03            | 1.61E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.97E-03            | 1.61E-05                             |
| West Virginia | Monongalia County  | 54061 | R              | Ethylene Dichloride | 0.00E+00            | 0.00E+00                             | 6.07E-03            | 1.67E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.07E-03            | 1.67E-05                             |
| West Virginia | Monroe County      | 54063 | R              | Ethylene Dichloride | 0.00E+00            | 0.00E+00                             | 5.89E-03            | 1.24E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.89E-03            | 1.24E-05                             |
| West Virginia | Morgan County      | 54065 | R              | Ethylene Dichloride | 0.00E+00            | 0.00E+00                             | 4.88E-04            | 2.08E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.88E-04            | 2.08E-06                             |
| West Virginia | Nicholas County    | 54067 | R              | Ethylene Dichloride | 0.00E+00            | 0.00E+00                             | 2.36E-03            | 3.64E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.36E-03            | 3.64E-06                             |
| West Virginia | Pendleton County   | 54071 | R              | Ethylene Dichloride | 0.00E+00            | 0.00E+00                             | 2.53E-05            | 3.65E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.53E-05            | 3.65E-08                             |
| West Virginia | Pleasants County   | 54073 | R              | Ethylene Dichloride | 1.65E-03            | 1.17E-05                             | 2.34E-05            | 1.66E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.67E-03            | 1.19E-05                             |
| West Virginia | Pocahontas County  | 54075 | R              | Ethylene Dichloride | 0.00E+00            | 0.00E+00                             | 2.06E-03            | 2.18E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.06E-03            | 2.18E-06                             |
| West Virginia | Preston County     | 54077 | R              | Ethylene Dichloride | 1.21E-02            | 1.83E-05                             | 9.12E-05            | 1.38E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.22E-02            | 1.84E-05                             |
| West Virginia | Raleigh County     | 54081 | R              | Ethylene Dichloride | 0.00E+00            | 0.00E+00                             | 9.66E-03            | 1.59E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 9.66E-03            | 1.59E-05                             |
| West Virginia | Randolph County    | 54083 | R              | Ethylene Dichloride | 0.00E+00            | 0.00E+00                             | 2.14E-03            | 2.06E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.14E-03            | 2.06E-06                             |
| West Virginia | Ritchie County     | 54085 | R              | Ethylene Dichloride | 0.00E+00            | 0.00E+00                             | 6.91E-05            | 1.57E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.91E-05            | 1.57E-07                             |
| West Virginia | Roane County       | 54087 | R              | Ethylene Dichloride | 0.00E+00            | 0.00E+00                             | 4.76E-05            | 9.73E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.76E-05            | 9.73E-08                             |
| West Virginia | Summers County     | 54089 | R              | Ethylene Dichloride | 0.00E+00            | 0.00E+00                             | 2.45E-02            | 6.85E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.45E-02            | 6.85E-05                             |
| West Virginia | Taylor County      | 54091 | R              | Ethylene Dichloride | 0.00E+00            | 0.00E+00                             | 2.72E-04            | 1.57E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.72E-04            | 1.57E-06                             |
| West Virginia | Tucker County      | 54093 | R              | Ethylene Dichloride | 0.00E+00            | 0.00E+00                             | 6.60E-03            | 1.53E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.60E-03            | 1.53E-05                             |
| West Virginia | Tyler County       | 54095 | R              | Ethylene Dichloride | 0.00E+00            | 0.00E+00                             | 2.96E-05            | 1.15E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.96E-05            | 1.15E-07                             |
| West Virginia | Upshur County      | 54097 | R              | Ethylene Dichloride | 0.00E+00            | 0.00E+00                             | 1.44E-03            | 4.14E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.44E-03            | 4.14E-06                             |
| West Virginia | Webster County     | 54101 | R              | Ethylene Dichloride | 0.00E+00            | 0.00E+00                             | 5.97E-04            | 1.07E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.97E-04            | 1.07E-06                             |
| West Virginia | Wetzel County      | 54103 | R              | Ethylene Dichloride | 0.00E+00            | 0.00E+00                             | 1.47E-02            | 4.14E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.47E-02            | 4.14E-05                             |
| West Virginia | Wirt County        | 54105 | R              | Ethylene Dichloride | 0.00E+00            | 0.00E+00                             | 1.76E-05            | 7.80E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.76E-05            | 7.80E-08                             |
| West Virginia | Wyoming County     | 54109 | R              | Ethylene Dichloride | 0.00E+00            | 0.00E+00                             | 1.28E-03            | 2.52E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.28E-03            | 2.52E-06                             |
| West Virginia | All Rural Counties | N/A   | R              | Ethylene Oxide      | 1.92E-02            | 9.11E-07                             | 9.71E+00            | 4.61E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 9.73E+00            | 4.62E-04                             |
| West Virginia | Barbour County     | 54001 | R              | Ethylene Oxide      | 0.00E+00            | 0.00E+00                             | 1.28E-01            | 3.77E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.28E-01            | 3.77E-04                             |
| West Virginia | Boone County       | 54005 | R              | Ethylene Oxide      | 0.00E+00            | 0.00E+00                             | 2.03E-01            | 3.99E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.03E-01            | 3.99E-04                             |
| West Virginia | Braxton County     | 54007 | R              | Ethylene Oxide      | 0.00E+00            | 0.00E+00                             | 1.21E-01            | 2.33E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.21E-01            | 2.33E-04                             |
| West Virginia | Brooke County      | 54009 | R              | Ethylene Oxide      | 0.00E+00            | 0.00E+00                             | 2.31E-01            | 2.62E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.31E-01            | 2.62E-03                             |
| West Virginia | Calhoun County     | 54013 | R              | Ethylene Oxide      | 0.00E+00            | 0.00E+00                             | 6.68E-02            | 2.36E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.68E-02            | 2.36E-04                             |
| West Virginia | Clay County        | 54015 | R              | Ethylene Oxide      | 0.00E+00            | 0.00E+00                             | 7.86E-02            | 2.27E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 7.86E-02            | 2.27E-04                             |
| West Virginia | Doddridge County   | 54017 | R              | Ethylene Oxide      | 0.00E+00            | 0.00E+00                             | 5.63E-02            | 1.74E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.63E-02            | 1.74E-04                             |
| West Virginia | Fayette County     | 54019 | R              | Ethylene Oxide      | 0.00E+00            | 0.00E+00                             | 3.98E-01            | 5.84E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.98E-01            | 5.84E-04                             |
| West Virginia | Gilmer County      | 54021 | R              | Ethylene Oxide      | 0.00E+00            | 0.00E+00                             | 5.45E-02            | 1.60E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.45E-02            | 1.60E-04                             |
| West Virginia | Grant County       | 54023 | R              | Ethylene Oxide      | 0.00E+00            | 0.00E+00                             | 1.04E-01            | 2.17E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.04E-01            | 2.17E-04                             |
| West Virginia | Greenbrier County  | 54025 | R              | Ethylene Oxide      | 0.00E+00            | 0.00E+00                             | 2.80E-01            | 2.73E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.80E-01            | 2.73E-04                             |
| West Virginia | Hampshire County   | 54027 | R              | Ethylene Oxide      | 0.00E+00            | 0.00E+00                             | 1.63E-01            | 2.54E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.63E-01            | 2.54E-04                             |
| West Virginia | Hardy County       | 54031 | R              | Ethylene Oxide      | 0.00E+00            | 0.00E+00                             | 9.64E-02            | 1.62E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 9.64E-02            | 1.62E-04                             |
| West Virginia | Harrison County    | 54033 | R              | Ethylene Oxide      | 0.00E+00            | 0.00E+00                             | 6.14E-01            | 1.44E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.14E-01            | 1.44E-03                             |
| West Virginia | Jackson County     | 54035 | R              | Ethylene Oxide      | 0.00E+00            | 0.00E+00                             | 2.31E-01            | 4.82E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.31E-01            | 4.82E-04                             |
| West Virginia | Lewis County       | 54041 | R              | Ethylene Oxide      | 0.00E+00            | 0.00E+00                             | 1.47E-01            | 3.82E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.47E-01            | 3.82E-04                             |
| West Virginia | Lincoln County     | 54043 | R              | Ethylene Oxide      | 0.00E+00            | 0.00E+00                             | 1.68E-01            | 3.88E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.68E-01            | 3.88E-04                             |
| West Virginia | Logan County       | 54045 | R              | Ethylene Oxide      | 0.00E+00            | 0.00E+00                             | 3.78E-01            | 8.42E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.78E-01            | 8.42E-04                             |
| West Virginia | McDowell County    | 54047 | R              | Ethylene Oxide      | 0.00E+00            | 0.00E+00                             | 2.26E-01            | 4.30E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.26E-01            | 4.30E-04                             |

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| State         | County             | FIPS  | Urban or Rural | Pollutant              | Major               |                                      | Area and Other      |                                      | Onroad Mobile       |                                      | Nonroad Mobile      |                                      | Total               |                                      |
|---------------|--------------------|-------|----------------|------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|
|               |                    |       |                |                        | Emissions (tons/yr) | Emissions Density (tons/yr/sq. mile) |
| West Virginia | Marion County      | 54049 | R              | Ethylene Oxide         | 0.00E+00            | 0.00E+00                             | 4.67E-01            | 1.51E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.67E-01            | 1.51E-03                             |
| West Virginia | Marshall County    | 54051 | R              | Ethylene Oxide         | 1.92E-02            | 6.18E-05                             | 3.07E-01            | 9.86E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.26E-01            | 1.05E-03                             |
| West Virginia | Mason County       | 54053 | R              | Ethylene Oxide         | 0.00E+00            | 0.00E+00                             | 2.48E-01            | 5.60E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.48E-01            | 5.60E-04                             |
| West Virginia | Mercer County      | 54055 | R              | Ethylene Oxide         | 0.00E+00            | 0.00E+00                             | 5.71E-01            | 1.34E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.71E-01            | 1.34E-03                             |
| West Virginia | Mineral County     | 54057 | R              | Ethylene Oxide         | 0.00E+00            | 0.00E+00                             | 2.15E-01            | 6.66E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.15E-01            | 6.66E-04                             |
| West Virginia | Mingo County       | 54059 | R              | Ethylene Oxide         | 0.00E+00            | 0.00E+00                             | 2.33E-01            | 5.38E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.33E-01            | 5.38E-04                             |
| West Virginia | Monongalia County  | 54061 | R              | Ethylene Oxide         | 0.00E+00            | 0.00E+00                             | 8.17E-01            | 2.25E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 8.17E-01            | 2.25E-03                             |
| West Virginia | Monroe County      | 54063 | R              | Ethylene Oxide         | 0.00E+00            | 0.00E+00                             | 1.11E-01            | 2.33E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.11E-01            | 2.33E-04                             |
| West Virginia | Morgan County      | 54065 | R              | Ethylene Oxide         | 0.00E+00            | 0.00E+00                             | 1.23E-01            | 5.23E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.23E-01            | 5.23E-04                             |
| West Virginia | Nicholas County    | 54067 | R              | Ethylene Oxide         | 0.00E+00            | 0.00E+00                             | 2.39E-01            | 3.69E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.39E-01            | 3.69E-04                             |
| West Virginia | Pendleton County   | 54071 | R              | Ethylene Oxide         | 0.00E+00            | 0.00E+00                             | 6.24E-02            | 8.99E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.24E-02            | 8.99E-05                             |
| West Virginia | Pleasants County   | 54073 | R              | Ethylene Oxide         | 0.00E+00            | 0.00E+00                             | 5.72E-02            | 4.06E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.72E-02            | 4.06E-04                             |
| West Virginia | Pocahontas County  | 54075 | R              | Ethylene Oxide         | 0.00E+00            | 0.00E+00                             | 7.31E-02            | 7.74E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 7.31E-02            | 7.74E-05                             |
| West Virginia | Preston County     | 54077 | R              | Ethylene Oxide         | 0.00E+00            | 0.00E+00                             | 2.32E-01            | 3.51E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.32E-01            | 3.51E-04                             |
| West Virginia | Raleigh County     | 54081 | R              | Ethylene Oxide         | 0.00E+00            | 0.00E+00                             | 7.12E-01            | 1.17E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 7.12E-01            | 1.17E-03                             |
| West Virginia | Randolph County    | 54083 | R              | Ethylene Oxide         | 0.00E+00            | 0.00E+00                             | 2.52E-01            | 2.41E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.52E-01            | 2.41E-04                             |
| West Virginia | Ritchie County     | 54085 | R              | Ethylene Oxide         | 0.00E+00            | 0.00E+00                             | 7.87E-02            | 1.79E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 7.87E-02            | 1.79E-04                             |
| West Virginia | Roane County       | 54087 | R              | Ethylene Oxide         | 0.00E+00            | 0.00E+00                             | 1.27E-01            | 2.59E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.27E-01            | 2.59E-04                             |
| West Virginia | Summers County     | 54089 | R              | Ethylene Oxide         | 0.00E+00            | 0.00E+00                             | 1.08E-01            | 3.02E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.08E-01            | 3.02E-04                             |
| West Virginia | Taylor County      | 54091 | R              | Ethylene Oxide         | 0.00E+00            | 0.00E+00                             | 1.32E-01            | 7.58E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.32E-01            | 7.58E-04                             |
| West Virginia | Tucker County      | 54093 | R              | Ethylene Oxide         | 0.00E+00            | 0.00E+00                             | 5.61E-02            | 1.30E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.61E-02            | 1.30E-04                             |
| West Virginia | Tyler County       | 54095 | R              | Ethylene Oxide         | 0.00E+00            | 0.00E+00                             | 8.21E-02            | 3.20E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 8.21E-02            | 3.20E-04                             |
| West Virginia | Upshur County      | 54097 | R              | Ethylene Oxide         | 0.00E+00            | 0.00E+00                             | 1.96E-01            | 5.64E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.96E-01            | 5.64E-04                             |
| West Virginia | Webster County     | 54101 | R              | Ethylene Oxide         | 0.00E+00            | 0.00E+00                             | 7.76E-02            | 1.39E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 7.76E-02            | 1.39E-04                             |
| West Virginia | Wetzel County      | 54103 | R              | Ethylene Oxide         | 0.00E+00            | 0.00E+00                             | 1.47E-01            | 4.14E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.47E-01            | 4.14E-04                             |
| West Virginia | Wirt County        | 54105 | R              | Ethylene Oxide         | 0.00E+00            | 0.00E+00                             | 4.47E-02            | 1.98E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.47E-02            | 1.98E-04                             |
| West Virginia | Wyoming County     | 54109 | R              | Ethylene Oxide         | 0.00E+00            | 0.00E+00                             | 1.96E-01            | 3.84E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.96E-01            | 3.84E-04                             |
| West Virginia | All Rural Counties | N/A   | R              | Formaldehyde - Primary | 8.51E+00            | 4.04E-04                             | 5.18E+02            | 2.46E-02                             | 3.60E+02            | 1.71E-02                             | 1.51E+02            | 7.19E-03                             | 1.04E+03            | 4.93E-02                             |
| West Virginia | Barbour County     | 54001 | R              | Formaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 6.98E+00            | 2.06E-02                             | 3.73E+00            | 1.10E-02                             | 1.13E+00            | 3.34E-03                             | 1.18E+01            | 3.50E-02                             |
| West Virginia | Boone County       | 54005 | R              | Formaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 1.53E+01            | 3.00E-02                             | 6.71E+00            | 1.32E-02                             | 7.30E+00            | 1.43E-02                             | 2.93E+01            | 5.75E-02                             |
| West Virginia | Braxton County     | 54007 | R              | Formaldehyde - Primary | 3.33E+00            | 6.43E-03                             | 1.67E+01            | 3.22E-02                             | 1.13E+01            | 2.17E-02                             | 1.39E+00            | 2.69E-03                             | 3.26E+01            | 6.30E-02                             |
| West Virginia | Brooke County      | 54009 | R              | Formaldehyde - Primary | 1.91E+00            | 2.17E-02                             | 1.98E+00            | 2.24E-02                             | 6.34E+00            | 7.20E-02                             | 3.97E+00            | 4.51E-02                             | 1.42E+01            | 1.61E-01                             |
| West Virginia | Calhoun County     | 54013 | R              | Formaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 6.59E+00            | 2.33E-02                             | 1.68E+00            | 5.93E-03                             | 6.97E-01            | 2.46E-03                             | 8.96E+00            | 3.17E-02                             |
| West Virginia | Clay County        | 54015 | R              | Formaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 7.62E+00            | 2.20E-02                             | 3.39E+00            | 9.79E-03                             | 4.51E-01            | 1.30E-03                             | 1.15E+01            | 3.31E-02                             |
| West Virginia | Doddridge County   | 54017 | R              | Formaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 1.29E+01            | 3.97E-02                             | 1.65E+00            | 5.07E-03                             | 9.95E-01            | 3.06E-03                             | 1.55E+01            | 4.78E-02                             |
| West Virginia | Fayette County     | 54019 | R              | Formaldehyde - Primary | 1.04E-02            | 1.52E-05                             | 2.05E+01            | 3.01E-02                             | 1.65E+01            | 2.41E-02                             | 4.83E+00            | 7.08E-03                             | 4.18E+01            | 6.13E-02                             |
| West Virginia | Gilmer County      | 54021 | R              | Formaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 9.66E+00            | 2.84E-02                             | 1.59E+00            | 4.66E-03                             | 7.32E-01            | 2.15E-03                             | 1.20E+01            | 3.52E-02                             |
| West Virginia | Grant County       | 54023 | R              | Formaldehyde - Primary | 8.67E-01            | 1.80E-03                             | 9.18E+00            | 1.91E-02                             | 3.20E+00            | 6.65E-03                             | 1.95E+00            | 4.07E-03                             | 1.52E+01            | 3.16E-02                             |
| West Virginia | Greenbrier County  | 54025 | R              | Formaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 1.92E+01            | 1.86E-02                             | 1.63E+01            | 1.58E-02                             | 4.76E+00            | 4.62E-03                             | 4.02E+01            | 3.91E-02                             |
| West Virginia | Hampshire County   | 54027 | R              | Formaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 1.39E+01            | 2.17E-02                             | 4.08E+00            | 6.37E-03                             | 3.77E+00            | 5.89E-03                             | 2.17E+01            | 3.40E-02                             |
| West Virginia | Hardy County       | 54031 | R              | Formaldehyde - Primary | 3.82E-01            | 6.42E-04                             | 1.45E+01            | 2.44E-02                             | 3.44E+00            | 5.77E-03                             | 1.45E+00            | 2.44E-03                             | 1.98E+01            | 3.32E-02                             |
| West Virginia | Harrison County    | 54033 | R              | Formaldehyde - Primary | 2.02E-01            | 4.74E-04                             | 8.10E+00            | 1.90E-02                             | 2.44E+01            | 5.74E-02                             | 6.47E+00            | 1.52E-02                             | 3.91E+01            | 9.21E-02                             |
| West Virginia | Jackson County     | 54035 | R              | Formaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 1.03E+01            | 2.15E-02                             | 1.45E+01            | 3.03E-02                             | 6.27E+00            | 1.31E-02                             | 3.11E+01            | 6.48E-02                             |
| West Virginia | Lewis County       | 54041 | R              | Formaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 1.70E+01            | 4.42E-02                             | 8.60E+00            | 2.24E-02                             | 2.27E+00            | 5.89E-03                             | 2.79E+01            | 7.24E-02                             |
| West Virginia | Lincoln County     | 54043 | R              | Formaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 9.96E+00            | 2.30E-02                             | 6.41E+00            | 1.48E-02                             | 1.10E+00            | 2.53E-03                             | 1.75E+01            | 4.03E-02                             |
| West Virginia | Logan County       | 54045 | R              | Formaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 1.11E+01            | 2.48E-02                             | 1.07E+01            | 2.38E-02                             | 5.51E+00            | 1.23E-02                             | 2.74E+01            | 6.09E-02                             |
| West Virginia | McDowell County    | 54047 | R              | Formaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 1.23E+01            | 2.33E-02                             | 7.72E+00            | 1.47E-02                             | 2.40E+00            | 4.56E-03                             | 2.24E+01            | 4.26E-02                             |
| West Virginia | Marion County      | 54049 | R              | Formaldehyde - Primary | 1.76E-03            | 5.68E-06                             | 6.30E+00            | 2.03E-02                             | 1.38E+01            | 4.44E-02                             | 2.98E+00            | 9.64E-03                             | 2.30E+01            | 7.44E-02                             |
| West Virginia | Marshall County    | 54051 | R              | Formaldehyde - Primary | 7.24E-01            | 2.33E-03                             | 1.04E+01            | 3.36E-02                             | 7.41E+00            | 2.38E-02                             | 6.20E+00            | 1.99E-02                             | 2.48E+01            | 7.96E-02                             |
| West Virginia | Mason County       | 54053 | R              | Formaldehyde - Primary | 7.52E-01            | 1.70E-03                             | 6.88E+00            | 1.55E-02                             | 6.08E+00            | 1.37E-02                             | 1.46E+01            | 3.29E-02                             | 2.83E+01            | 6.38E-02                             |
| West Virginia | Mercer County      | 54055 | R              | Formaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 7.74E+00            | 1.82E-02                             | 2.39E+01            | 5.63E-02                             | 3.59E+00            | 8.45E-03                             | 3.53E+01            | 8.29E-02                             |
| West Virginia | Mineral County     | 54057 | R              | Formaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 6.46E+00            | 2.00E-02                             | 7.26E+00            | 2.25E-02                             | 2.18E+00            | 6.75E-03                             | 1.59E+01            | 4.92E-02                             |
| West Virginia | Mingo County       | 54059 | R              | Formaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 1.03E+01            | 2.37E-02                             | 6.17E+00            | 1.42E-02                             | 4.04E+00            | 9.30E-03                             | 2.05E+01            | 4.72E-02                             |
| West Virginia | Monongalia County  | 54061 | R              | Formaldehyde - Primary | 1.42E-01            | 3.90E-04                             | 6.63E+00            | 1.83E-02                             | 3.03E+01            | 8.35E-02                             | 7.80E+00            | 2.15E-02                             | 4.49E+01            | 1.24E-01                             |

DRAFT FOR REVIEW ONLY

| State         | County             | FIPS  | Urban or Rural | Pollutant              | Major               |                                      | Area and Other      |                                      | Onroad Mobile       |                                      | Nonroad Mobile      |                                      | Total               |                                      |
|---------------|--------------------|-------|----------------|------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|
|               |                    |       |                |                        | Emissions (tons/yr) | Emissions Density (tons/yr/sq. mile) |
| West Virginia | Monroe County      | 54063 | R              | Formaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 7.83E+00            | 1.65E-02                             | 3.81E+00            | 8.01E-03                             | 1.97E+00            | 4.13E-03                             | 1.36E+01            | 2.86E-02                             |
| West Virginia | Morgan County      | 54065 | R              | Formaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 4.20E+00            | 1.79E-02                             | 3.07E+00            | 1.31E-02                             | 1.49E+00            | 6.33E-03                             | 8.75E+00            | 3.73E-02                             |
| West Virginia | Nicholas County    | 54067 | R              | Formaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 1.60E+01            | 2.47E-02                             | 6.36E+00            | 9.84E-03                             | 2.19E+00            | 3.38E-03                             | 2.45E+01            | 3.79E-02                             |
| West Virginia | Pendleton County   | 54071 | R              | Formaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 1.40E+01            | 1.42E-02                             | 1.69E+00            | 2.44E-03                             | 1.43E+00            | 2.07E-03                             | 1.71E+01            | 2.47E-02                             |
| West Virginia | Pleasants County   | 54073 | R              | Formaldehyde - Primary | 1.63E-01            | 1.16E-03                             | 3.90E+00            | 2.76E-02                             | 1.66E+00            | 1.18E-02                             | 5.60E+00            | 3.97E-02                             | 1.13E+01            | 8.03E-02                             |
| West Virginia | Pocahontas County  | 54075 | R              | Formaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 1.90E+01            | 2.02E-02                             | 2.60E+00            | 2.75E-03                             | 1.61E+00            | 1.71E-03                             | 2.33E+01            | 2.46E-02                             |
| West Virginia | Preston County     | 54077 | R              | Formaldehyde - Primary | 2.29E-02            | 3.45E-05                             | 1.39E+01            | 2.10E-02                             | 1.14E+01            | 1.72E-02                             | 2.90E+00            | 4.38E-03                             | 2.83E+01            | 4.27E-02                             |
| West Virginia | Raleigh County     | 54081 | R              | Formaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 1.66E+01            | 2.73E-02                             | 3.21E+01            | 5.30E-02                             | 8.20E+00            | 1.35E-02                             | 5.69E+01            | 9.38E-02                             |
| West Virginia | Randolph County    | 54083 | R              | Formaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 3.18E+01            | 3.05E-02                             | 8.07E+00            | 7.75E-03                             | 2.92E+00            | 2.80E-03                             | 4.28E+01            | 4.10E-02                             |
| West Virginia | Ritchie County     | 54085 | R              | Formaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 1.02E+01            | 2.31E-02                             | 2.32E+00            | 5.26E-03                             | 1.02E+00            | 2.30E-03                             | 1.35E+01            | 3.07E-02                             |
| West Virginia | Roane County       | 54087 | R              | Formaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 9.42E+00            | 1.92E-02                             | 6.42E+00            | 1.31E-02                             | 1.44E+00            | 2.95E-03                             | 1.73E+01            | 3.53E-02                             |
| West Virginia | Summers County     | 54089 | R              | Formaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 6.93E+00            | 1.94E-02                             | 4.34E+00            | 1.21E-02                             | 1.38E+00            | 3.85E-03                             | 1.27E+01            | 3.53E-02                             |
| West Virginia | Taylor County      | 54091 | R              | Formaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 2.73E+00            | 1.57E-02                             | 3.24E+00            | 1.86E-02                             | 9.56E-01            | 5.50E-03                             | 6.92E+00            | 3.98E-02                             |
| West Virginia | Tucker County      | 54093 | R              | Formaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 8.70E+00            | 2.02E-02                             | 2.15E+00            | 4.99E-03                             | 5.56E-01            | 1.29E-03                             | 1.14E+01            | 2.64E-02                             |
| West Virginia | Tyler County       | 54095 | R              | Formaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 7.30E+00            | 2.84E-02                             | 1.96E+00            | 7.65E-03                             | 4.44E+00            | 1.73E-02                             | 1.37E+01            | 5.34E-02                             |
| West Virginia | Upsher County      | 54097 | R              | Formaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 1.49E+01            | 4.29E-02                             | 6.64E+00            | 1.91E-02                             | 2.06E+00            | 5.91E-03                             | 2.36E+01            | 6.78E-02                             |
| West Virginia | Webster County     | 54101 | R              | Formaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 1.25E+01            | 2.23E-02                             | 1.45E+00            | 2.59E-03                             | 2.05E+00            | 3.67E-03                             | 1.60E+01            | 2.86E-02                             |
| West Virginia | Wetzel County      | 54103 | R              | Formaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 1.33E+01            | 3.74E-02                             | 5.07E+00            | 1.43E-02                             | 5.50E+00            | 1.54E-02                             | 2.39E+01            | 6.71E-02                             |
| West Virginia | Wirt County        | 54105 | R              | Formaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 5.09E+00            | 2.25E-02                             | 8.31E-01            | 3.68E-03                             | 7.25E-01            | 3.21E-03                             | 6.64E+00            | 2.94E-02                             |
| West Virginia | Wyoming County     | 54109 | R              | Formaldehyde - Primary | 0.00E+00            | 0.00E+00                             | 2.18E+01            | 4.28E-02                             | 7.74E+00            | 1.52E-02                             | 4.27E+00            | 8.39E-03                             | 3.38E+01            | 6.64E-02                             |
| West Virginia | All Rural Counties | N/A   | R              | Hexachlorobenzene      | 0.00E+00            | 0.00E+00                             | 3.42E-03            | 1.62E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.42E-03            | 1.62E-07                             |
| West Virginia | Barbour County     | 54001 | R              | Hexachlorobenzene      | 0.00E+00            | 0.00E+00                             | 5.24E-05            | 1.55E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.24E-05            | 1.55E-07                             |
| West Virginia | Boone County       | 54005 | R              | Hexachlorobenzene      | 0.00E+00            | 0.00E+00                             | 8.64E-05            | 1.70E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 8.64E-05            | 1.70E-07                             |
| West Virginia | Braxton County     | 54007 | R              | Hexachlorobenzene      | 0.00E+00            | 0.00E+00                             | 5.24E-05            | 1.01E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.24E-05            | 1.01E-07                             |
| West Virginia | Brooke County      | 54009 | R              | Hexachlorobenzene      | 0.00E+00            | 0.00E+00                             | 4.54E-05            | 5.15E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.54E-05            | 5.15E-07                             |
| West Virginia | Calhoun County     | 54013 | R              | Hexachlorobenzene      | 0.00E+00            | 0.00E+00                             | 3.11E-05            | 1.10E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.11E-05            | 1.10E-07                             |
| West Virginia | Clay County        | 54015 | R              | Hexachlorobenzene      | 0.00E+00            | 0.00E+00                             | 4.02E-05            | 1.16E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.02E-05            | 1.16E-07                             |
| West Virginia | Doddridge County   | 54017 | R              | Hexachlorobenzene      | 0.00E+00            | 0.00E+00                             | 3.05E-05            | 9.40E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.05E-05            | 9.40E-08                             |
| West Virginia | Fayette County     | 54019 | R              | Hexachlorobenzene      | 0.00E+00            | 0.00E+00                             | 1.51E-04            | 2.21E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.51E-04            | 2.21E-07                             |
| West Virginia | Gilmer County      | 54021 | R              | Hexachlorobenzene      | 0.00E+00            | 0.00E+00                             | 2.89E-05            | 8.51E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.89E-05            | 8.51E-08                             |
| West Virginia | Grant County       | 54023 | R              | Hexachlorobenzene      | 0.00E+00            | 0.00E+00                             | 4.58E-05            | 9.53E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.58E-05            | 9.53E-08                             |
| West Virginia | Greenbrier County  | 54025 | R              | Hexachlorobenzene      | 0.00E+00            | 0.00E+00                             | 1.15E-04            | 1.11E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.15E-04            | 1.11E-07                             |
| West Virginia | Hampshire County   | 54027 | R              | Hexachlorobenzene      | 0.00E+00            | 0.00E+00                             | 7.83E-05            | 1.22E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 7.83E-05            | 1.22E-07                             |
| West Virginia | Hardy County       | 54031 | R              | Hexachlorobenzene      | 0.00E+00            | 0.00E+00                             | 5.09E-05            | 8.55E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.09E-05            | 8.55E-08                             |
| West Virginia | Harrison County    | 54033 | R              | Hexachlorobenzene      | 0.00E+00            | 0.00E+00                             | 1.64E-04            | 3.86E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.64E-04            | 3.86E-07                             |
| West Virginia | Jackson County     | 54035 | R              | Hexachlorobenzene      | 0.00E+00            | 0.00E+00                             | 8.12E-05            | 1.69E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 8.12E-05            | 1.69E-07                             |
| West Virginia | Lewis County       | 54041 | R              | Hexachlorobenzene      | 0.00E+00            | 0.00E+00                             | 5.05E-05            | 1.31E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.05E-05            | 1.31E-07                             |
| West Virginia | Lincoln County     | 54043 | R              | Hexachlorobenzene      | 0.00E+00            | 0.00E+00                             | 8.43E-05            | 1.94E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 8.43E-05            | 1.94E-07                             |
| West Virginia | Logan County       | 54045 | R              | Hexachlorobenzene      | 0.00E+00            | 0.00E+00                             | 1.38E-04            | 3.07E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.38E-04            | 3.07E-07                             |
| West Virginia | McDowell County    | 54047 | R              | Hexachlorobenzene      | 0.00E+00            | 0.00E+00                             | 9.96E-05            | 1.89E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 9.96E-05            | 1.89E-07                             |
| West Virginia | Marion County      | 54049 | R              | Hexachlorobenzene      | 0.00E+00            | 0.00E+00                             | 1.37E-04            | 4.43E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.37E-04            | 4.43E-07                             |
| West Virginia | Marshall County    | 54051 | R              | Hexachlorobenzene      | 0.00E+00            | 0.00E+00                             | 6.87E-05            | 2.21E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.87E-05            | 2.21E-07                             |
| West Virginia | Mason County       | 54053 | R              | Hexachlorobenzene      | 0.00E+00            | 0.00E+00                             | 8.47E-05            | 1.91E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 8.47E-05            | 1.91E-07                             |
| West Virginia | Mercer County      | 54055 | R              | Hexachlorobenzene      | 0.00E+00            | 0.00E+00                             | 1.68E-04            | 3.96E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.68E-04            | 3.96E-07                             |
| West Virginia | Mineral County     | 54057 | R              | Hexachlorobenzene      | 0.00E+00            | 0.00E+00                             | 7.05E-05            | 2.18E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 7.05E-05            | 2.18E-07                             |
| West Virginia | Mingo County       | 54059 | R              | Hexachlorobenzene      | 0.00E+00            | 0.00E+00                             | 1.03E-04            | 2.37E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.03E-04            | 2.37E-07                             |
| West Virginia | Monongalia County  | 54061 | R              | Hexachlorobenzene      | 0.00E+00            | 0.00E+00                             | 1.46E-04            | 4.03E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.46E-04            | 4.03E-07                             |
| West Virginia | Monroe County      | 54063 | R              | Hexachlorobenzene      | 0.00E+00            | 0.00E+00                             | 5.59E-05            | 1.17E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.59E-05            | 1.17E-07                             |
| West Virginia | Morgan County      | 54065 | R              | Hexachlorobenzene      | 0.00E+00            | 0.00E+00                             | 5.29E-05            | 2.25E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.29E-05            | 2.25E-07                             |
| West Virginia | Nicholas County    | 54067 | R              | Hexachlorobenzene      | 0.00E+00            | 0.00E+00                             | 8.30E-05            | 1.28E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 8.30E-05            | 1.28E-07                             |
| West Virginia | Pendleton County   | 54071 | R              | Hexachlorobenzene      | 0.00E+00            | 0.00E+00                             | 3.68E-05            | 5.30E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.68E-05            | 5.30E-08                             |
| West Virginia | Pleasants County   | 54073 | R              | Hexachlorobenzene      | 0.00E+00            | 0.00E+00                             | 2.88E-05            | 2.04E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.88E-05            | 2.04E-07                             |
| West Virginia | Pocahontas County  | 54075 | R              | Hexachlorobenzene      | 0.00E+00            | 0.00E+00                             | 3.75E-05            | 3.97E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.75E-05            | 3.97E-08                             |
| West Virginia | Preston County     | 54077 | R              | Hexachlorobenzene      | 0.00E+00            | 0.00E+00                             | 1.06E-04            | 1.60E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.06E-04            | 1.60E-07                             |

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| State         | County             | FIPS  | Urban or Rural | Pollutant           | Major               |                                      | Area and Other      |                                      | Onroad Mobile       |                                      | Nonroad Mobile      |                                      | Total               |                                      |
|---------------|--------------------|-------|----------------|---------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|
|               |                    |       |                |                     | Emissions (tons/yr) | Emissions Density (tons/yr/sq. mile) |
| West Virginia | Raleigh County     | 54081 | R              | Hexachlorobenzene   | 0.00E+00            | 0.00E+00                             | 2.14E-04            | 3.53E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.14E-04            | 3.53E-07                             |
| West Virginia | Randolph County    | 54083 | R              | Hexachlorobenzene   | 0.00E+00            | 0.00E+00                             | 8.29E-05            | 7.95E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 8.29E-05            | 7.95E-08                             |
| West Virginia | Ritchie County     | 54085 | R              | Hexachlorobenzene   | 0.00E+00            | 0.00E+00                             | 4.28E-05            | 9.72E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.28E-05            | 9.72E-08                             |
| West Virginia | Roane County       | 54087 | R              | Hexachlorobenzene   | 0.00E+00            | 0.00E+00                             | 6.18E-05            | 1.26E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.18E-05            | 1.26E-07                             |
| West Virginia | Summers County     | 54089 | R              | Hexachlorobenzene   | 0.00E+00            | 0.00E+00                             | 4.14E-05            | 1.16E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.14E-05            | 1.16E-07                             |
| West Virginia | Taylor County      | 54091 | R              | Hexachlorobenzene   | 0.00E+00            | 0.00E+00                             | 3.92E-05            | 2.25E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.92E-05            | 2.25E-07                             |
| West Virginia | Tucker County      | 54093 | R              | Hexachlorobenzene   | 0.00E+00            | 0.00E+00                             | 2.97E-05            | 6.87E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.97E-05            | 6.87E-08                             |
| West Virginia | Tyler County       | 54095 | R              | Hexachlorobenzene   | 0.00E+00            | 0.00E+00                             | 3.53E-05            | 1.37E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.53E-05            | 1.37E-07                             |
| West Virginia | Upshur County      | 54097 | R              | Hexachlorobenzene   | 0.00E+00            | 0.00E+00                             | 6.83E-05            | 1.96E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.83E-05            | 1.96E-07                             |
| West Virginia | Webster County     | 54101 | R              | Hexachlorobenzene   | 0.00E+00            | 0.00E+00                             | 3.77E-05            | 6.74E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.77E-05            | 6.74E-08                             |
| West Virginia | Wetzel County      | 54103 | R              | Hexachlorobenzene   | 0.00E+00            | 0.00E+00                             | 4.22E-05            | 1.18E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.22E-05            | 1.18E-07                             |
| West Virginia | Wirt County        | 54105 | R              | Hexachlorobenzene   | 0.00E+00            | 0.00E+00                             | 2.34E-05            | 1.04E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.34E-05            | 1.04E-07                             |
| West Virginia | Wyoming County     | 54109 | R              | Hexachlorobenzene   | 0.00E+00            | 0.00E+00                             | 1.01E-04            | 1.98E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.01E-04            | 1.98E-07                             |
| West Virginia | All Rural Counties | N/A   | R              | Hexachlorobutadiene | 0.00E+00            | 0.00E+00                             | 2.09E-04            | 9.89E-09                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.09E-04            | 9.89E-09                             |
| West Virginia | Barbour County     | 54001 | R              | Hexachlorobutadiene | 0.00E+00            | 0.00E+00                             | 2.93E-06            | 8.66E-09                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.93E-06            | 8.66E-09                             |
| West Virginia | Boone County       | 54005 | R              | Hexachlorobutadiene | 0.00E+00            | 0.00E+00                             | 4.82E-06            | 9.46E-09                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.82E-06            | 9.46E-09                             |
| West Virginia | Braxton County     | 54007 | R              | Hexachlorobutadiene | 0.00E+00            | 0.00E+00                             | 2.42E-06            | 4.68E-09                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.42E-06            | 4.68E-09                             |
| West Virginia | Brooke County      | 54009 | R              | Hexachlorobutadiene | 0.00E+00            | 0.00E+00                             | 4.75E-06            | 5.39E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.75E-06            | 5.39E-08                             |
| West Virginia | Calhoun County     | 54013 | R              | Hexachlorobutadiene | 0.00E+00            | 0.00E+00                             | 1.46E-06            | 5.17E-09                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.46E-06            | 5.17E-09                             |
| West Virginia | Clay County        | 54015 | R              | Hexachlorobutadiene | 0.00E+00            | 0.00E+00                             | 1.95E-06            | 5.62E-09                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.95E-06            | 5.62E-09                             |
| West Virginia | Doddridge County   | 54017 | R              | Hexachlorobutadiene | 0.00E+00            | 0.00E+00                             | 1.37E-06            | 4.21E-09                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.37E-06            | 4.21E-09                             |
| West Virginia | Fayette County     | 54019 | R              | Hexachlorobutadiene | 0.00E+00            | 0.00E+00                             | 8.58E-06            | 1.26E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 8.58E-06            | 1.26E-08                             |
| West Virginia | Gilmer County      | 54021 | R              | Hexachlorobutadiene | 0.00E+00            | 0.00E+00                             | 1.31E-06            | 3.85E-09                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.31E-06            | 3.85E-09                             |
| West Virginia | Grant County       | 54023 | R              | Hexachlorobutadiene | 0.00E+00            | 0.00E+00                             | 2.04E-06            | 4.25E-09                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.04E-06            | 4.25E-09                             |
| West Virginia | Greenbrier County  | 54025 | R              | Hexachlorobutadiene | 0.00E+00            | 0.00E+00                             | 6.47E-06            | 6.29E-09                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.47E-06            | 6.29E-09                             |
| West Virginia | Hampshire County   | 54027 | R              | Hexachlorobutadiene | 0.00E+00            | 0.00E+00                             | 3.56E-06            | 5.56E-09                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.56E-06            | 5.56E-09                             |
| West Virginia | Hardy County       | 54031 | R              | Hexachlorobutadiene | 0.00E+00            | 0.00E+00                             | 2.20E-06            | 3.69E-09                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.20E-06            | 3.69E-09                             |
| West Virginia | Harrison County    | 54033 | R              | Hexachlorobutadiene | 0.00E+00            | 0.00E+00                             | 1.29E-05            | 3.03E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.29E-05            | 3.03E-08                             |
| West Virginia | Jackson County     | 54035 | R              | Hexachlorobutadiene | 0.00E+00            | 0.00E+00                             | 5.19E-06            | 1.08E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.19E-06            | 1.08E-08                             |
| West Virginia | Lewis County       | 54041 | R              | Hexachlorobutadiene | 0.00E+00            | 0.00E+00                             | 3.20E-06            | 8.32E-09                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.20E-06            | 8.32E-09                             |
| West Virginia | Lincoln County     | 54043 | R              | Hexachlorobutadiene | 0.00E+00            | 0.00E+00                             | 4.10E-06            | 9.44E-09                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.10E-06            | 9.44E-09                             |
| West Virginia | Logan County       | 54045 | R              | Hexachlorobutadiene | 0.00E+00            | 0.00E+00                             | 7.37E-06            | 1.64E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 7.37E-06            | 1.64E-08                             |
| West Virginia | McDowell County    | 54047 | R              | Hexachlorobutadiene | 0.00E+00            | 0.00E+00                             | 5.37E-06            | 1.02E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.37E-06            | 1.02E-08                             |
| West Virginia | Marion County      | 54049 | R              | Hexachlorobutadiene | 0.00E+00            | 0.00E+00                             | 1.03E-05            | 3.31E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.03E-05            | 3.31E-08                             |
| West Virginia | Marshall County    | 54051 | R              | Hexachlorobutadiene | 0.00E+00            | 0.00E+00                             | 6.41E-06            | 2.06E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.41E-06            | 2.06E-08                             |
| West Virginia | Mason County       | 54053 | R              | Hexachlorobutadiene | 0.00E+00            | 0.00E+00                             | 4.77E-06            | 1.08E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.77E-06            | 1.08E-08                             |
| West Virginia | Mercer County      | 54055 | R              | Hexachlorobutadiene | 0.00E+00            | 0.00E+00                             | 1.18E-05            | 2.77E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.18E-05            | 2.77E-08                             |
| West Virginia | Mineral County     | 54057 | R              | Hexachlorobutadiene | 0.00E+00            | 0.00E+00                             | 4.96E-06            | 1.54E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.96E-06            | 1.54E-08                             |
| West Virginia | Mingo County       | 54059 | R              | Hexachlorobutadiene | 0.00E+00            | 0.00E+00                             | 5.77E-06            | 1.33E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.77E-06            | 1.33E-08                             |
| West Virginia | Monongalia County  | 54061 | R              | Hexachlorobutadiene | 0.00E+00            | 0.00E+00                             | 1.41E-05            | 3.89E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.41E-05            | 3.89E-08                             |
| West Virginia | Monroe County      | 54063 | R              | Hexachlorobutadiene | 0.00E+00            | 0.00E+00                             | 2.44E-06            | 5.12E-09                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.44E-06            | 5.12E-09                             |
| West Virginia | Morgan County      | 54065 | R              | Hexachlorobutadiene | 0.00E+00            | 0.00E+00                             | 2.55E-06            | 1.09E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.55E-06            | 1.09E-08                             |
| West Virginia | Nicholas County    | 54067 | R              | Hexachlorobutadiene | 0.00E+00            | 0.00E+00                             | 5.05E-06            | 7.80E-09                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.05E-06            | 7.80E-09                             |
| West Virginia | Pendleton County   | 54071 | R              | Hexachlorobutadiene | 0.00E+00            | 0.00E+00                             | 1.47E-06            | 2.13E-09                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.47E-06            | 2.13E-09                             |
| West Virginia | Pleasants County   | 54073 | R              | Hexachlorobutadiene | 0.00E+00            | 0.00E+00                             | 1.38E-06            | 9.78E-09                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.38E-06            | 9.78E-09                             |
| West Virginia | Pocahontas County  | 54075 | R              | Hexachlorobutadiene | 0.00E+00            | 0.00E+00                             | 1.66E-06            | 1.76E-09                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.66E-06            | 1.76E-09                             |
| West Virginia | Preston County     | 54077 | R              | Hexachlorobutadiene | 0.00E+00            | 0.00E+00                             | 5.47E-06            | 8.25E-09                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.47E-06            | 8.25E-09                             |
| West Virginia | Raleigh County     | 54081 | R              | Hexachlorobutadiene | 0.00E+00            | 0.00E+00                             | 1.45E-05            | 2.39E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.45E-05            | 2.39E-08                             |
| West Virginia | Randolph County    | 54083 | R              | Hexachlorobutadiene | 0.00E+00            | 0.00E+00                             | 5.25E-06            | 5.04E-09                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.25E-06            | 5.04E-09                             |
| West Virginia | Ritchie County     | 54085 | R              | Hexachlorobutadiene | 0.00E+00            | 0.00E+00                             | 1.92E-06            | 4.36E-09                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.92E-06            | 4.36E-09                             |
| West Virginia | Roane County       | 54087 | R              | Hexachlorobutadiene | 0.00E+00            | 0.00E+00                             | 2.83E-06            | 5.77E-09                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.83E-06            | 5.77E-09                             |
| West Virginia | Summers County     | 54089 | R              | Hexachlorobutadiene | 0.00E+00            | 0.00E+00                             | 2.54E-06            | 7.10E-09                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.54E-06            | 7.10E-09                             |
| West Virginia | Taylor County      | 54091 | R              | Hexachlorobutadiene | 0.00E+00            | 0.00E+00                             | 2.82E-06            | 1.62E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.82E-06            | 1.62E-08                             |
| West Virginia | Tucker County      | 54093 | R              | Hexachlorobutadiene | 0.00E+00            | 0.00E+00                             | 1.38E-06            | 3.20E-09                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.38E-06            | 3.20E-09                             |



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| State         | County             | FIPS  | Urban or Rural | Pollutant      | Major               |                                      | Area and Other      |                                      | Onroad Mobile       |                                      | Nonroad Mobile      |                                      | Total               |                                      |
|---------------|--------------------|-------|----------------|----------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|
|               |                    |       |                |                | Emissions (tons/yr) | Emissions Density (tons/yr/sq. mile) |
| West Virginia | Barbour County     | 54001 | R              | Hydrazine      | 0.00E+00            | 0.00E+00                             |
| West Virginia | Boone County       | 54005 | R              | Hydrazine      | 0.00E+00            | 0.00E+00                             |
| West Virginia | Braxton County     | 54007 | R              | Hydrazine      | 0.00E+00            | 0.00E+00                             |
| West Virginia | Brooke County      | 54009 | R              | Hydrazine      | 0.00E+00            | 0.00E+00                             | 1.33E-05            | 1.51E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 1.33E-05                             |
| West Virginia | Calhoun County     | 54013 | R              | Hydrazine      | 0.00E+00            | 0.00E+00                             |
| West Virginia | Clay County        | 54015 | R              | Hydrazine      | 0.00E+00            | 0.00E+00                             |
| West Virginia | Doddridge County   | 54017 | R              | Hydrazine      | 0.00E+00            | 0.00E+00                             |
| West Virginia | Fayette County     | 54019 | R              | Hydrazine      | 0.00E+00            | 0.00E+00                             |
| West Virginia | Gilmer County      | 54021 | R              | Hydrazine      | 0.00E+00            | 0.00E+00                             |
| West Virginia | Grant County       | 54023 | R              | Hydrazine      | 0.00E+00            | 0.00E+00                             |
| West Virginia | Greenbrier County  | 54025 | R              | Hydrazine      | 0.00E+00            | 0.00E+00                             |
| West Virginia | Hampshire County   | 54027 | R              | Hydrazine      | 0.00E+00            | 0.00E+00                             |
| West Virginia | Hardy County       | 54031 | R              | Hydrazine      | 0.00E+00            | 0.00E+00                             |
| West Virginia | Harrison County    | 54033 | R              | Hydrazine      | 0.00E+00            | 0.00E+00                             | 7.61E-07            | 1.79E-09                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 7.61E-07            | 1.79E-09                             |
| West Virginia | Jackson County     | 54035 | R              | Hydrazine      | 0.00E+00            | 0.00E+00                             |
| West Virginia | Lewis County       | 54041 | R              | Hydrazine      | 0.00E+00            | 0.00E+00                             |
| West Virginia | Lincoln County     | 54043 | R              | Hydrazine      | 0.00E+00            | 0.00E+00                             |
| West Virginia | Logan County       | 54045 | R              | Hydrazine      | 0.00E+00            | 0.00E+00                             |
| West Virginia | McDowell County    | 54047 | R              | Hydrazine      | 0.00E+00            | 0.00E+00                             |
| West Virginia | Marion County      | 54049 | R              | Hydrazine      | 0.00E+00            | 0.00E+00                             |
| West Virginia | Marshall County    | 54051 | R              | Hydrazine      | 3.77E-01            | 1.21E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.77E-01            | 1.21E-03                             |
| West Virginia | Mason County       | 54053 | R              | Hydrazine      | 0.00E+00            | 0.00E+00                             |
| West Virginia | Mercer County      | 54055 | R              | Hydrazine      | 0.00E+00            | 0.00E+00                             |
| West Virginia | Mineral County     | 54057 | R              | Hydrazine      | 0.00E+00            | 0.00E+00                             |
| West Virginia | Mingo County       | 54059 | R              | Hydrazine      | 0.00E+00            | 0.00E+00                             |
| West Virginia | Monongalia County  | 54061 | R              | Hydrazine      | 0.00E+00            | 0.00E+00                             | 2.66E-04            | 7.33E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.66E-04            | 7.33E-07                             |
| West Virginia | Monroe County      | 54063 | R              | Hydrazine      | 0.00E+00            | 0.00E+00                             |
| West Virginia | Morgan County      | 54065 | R              | Hydrazine      | 0.00E+00            | 0.00E+00                             |
| West Virginia | Nicholas County    | 54067 | R              | Hydrazine      | 0.00E+00            | 0.00E+00                             |
| West Virginia | Pendleton County   | 54071 | R              | Hydrazine      | 0.00E+00            | 0.00E+00                             |
| West Virginia | Pleasants County   | 54073 | R              | Hydrazine      | 0.00E+00            | 0.00E+00                             |
| West Virginia | Pocahontas County  | 54075 | R              | Hydrazine      | 0.00E+00            | 0.00E+00                             | 7.61E-07            | 8.06E-10                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 7.61E-07            | 8.06E-10                             |
| West Virginia | Preston County     | 54077 | R              | Hydrazine      | 0.00E+00            | 0.00E+00                             |
| West Virginia | Raleigh County     | 54081 | R              | Hydrazine      | 0.00E+00            | 0.00E+00                             |
| West Virginia | Randolph County    | 54083 | R              | Hydrazine      | 0.00E+00            | 0.00E+00                             |
| West Virginia | Ritchie County     | 54085 | R              | Hydrazine      | 0.00E+00            | 0.00E+00                             | 7.61E-07            | 1.73E-09                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 7.61E-07            | 1.73E-09                             |
| West Virginia | Roane County       | 54087 | R              | Hydrazine      | 0.00E+00            | 0.00E+00                             |
| West Virginia | Summers County     | 54089 | R              | Hydrazine      | 0.00E+00            | 0.00E+00                             |
| West Virginia | Taylor County      | 54091 | R              | Hydrazine      | 0.00E+00            | 0.00E+00                             | 4.57E-06            | 2.63E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.57E-06            | 2.63E-08                             |
| West Virginia | Tucker County      | 54093 | R              | Hydrazine      | 0.00E+00            | 0.00E+00                             | 1.41E-05            | 3.26E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.41E-05            | 3.26E-08                             |
| West Virginia | Tyler County       | 54095 | R              | Hydrazine      | 0.00E+00            | 0.00E+00                             |
| West Virginia | Upshur County      | 54097 | R              | Hydrazine      | 0.00E+00            | 0.00E+00                             |
| West Virginia | Webster County     | 54101 | R              | Hydrazine      | 0.00E+00            | 0.00E+00                             |
| West Virginia | Wetzel County      | 54103 | R              | Hydrazine      | 0.00E+00            | 0.00E+00                             | 1.33E-04            | 3.74E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.33E-04            | 3.74E-07                             |
| West Virginia | Wirt County        | 54105 | R              | Hydrazine      | 0.00E+00            | 0.00E+00                             |
| West Virginia | Wyoming County     | 54109 | R              | Hydrazine      | 0.00E+00            | 0.00E+00                             |
| West Virginia | All Rural Counties | N/A   | R              | Lead Compounds | 7.88E+00            | 3.74E-04                             | 6.59E+00            | 3.13E-04                             | 0.00E+00            | 0.00E+00                             | 1.14E+00            | 5.42E-05                             | 1.56E+01            | 7.41E-04                             |
| West Virginia | Barbour County     | 54001 | R              | Lead Compounds | 0.00E+00            | 0.00E+00                             | 3.98E-03            | 1.18E-05                             | 0.00E+00            | 0.00E+00                             | 2.27E-04            | 6.72E-07                             | 4.21E-03            | 1.25E-05                             |
| West Virginia | Boone County       | 54005 | R              | Lead Compounds | 0.00E+00            | 0.00E+00                             | 4.16E-03            | 8.16E-06                             | 0.00E+00            | 0.00E+00                             | 5.47E-04            | 1.07E-06                             | 4.71E-03            | 9.24E-06                             |
| West Virginia | Braxton County     | 54007 | R              | Lead Compounds | 0.00E+00            | 0.00E+00                             | 3.97E-03            | 7.66E-06                             | 0.00E+00            | 0.00E+00                             | 1.99E-04            | 3.83E-07                             | 4.17E-03            | 8.04E-06                             |
| West Virginia | Brooke County      | 54009 | R              | Lead Compounds | 2.15E-04            | 2.44E-06                             | 1.00E-01            | 1.14E-03                             | 0.00E+00            | 0.00E+00                             | 1.29E-03            | 1.47E-05                             | 1.02E-01            | 1.15E-03                             |
| West Virginia | Calhoun County     | 54013 | R              | Lead Compounds | 0.00E+00            | 0.00E+00                             | 3.81E-03            | 1.35E-05                             | 0.00E+00            | 0.00E+00                             | 6.68E-06            | 2.36E-08                             | 3.82E-03            | 1.35E-05                             |
| West Virginia | Clay County        | 54015 | R              | Lead Compounds | 0.00E+00            | 0.00E+00                             | 3.84E-03            | 1.11E-05                             | 0.00E+00            | 0.00E+00                             | 2.92E-05            | 8.43E-08                             | 3.87E-03            | 1.12E-05                             |
| West Virginia | Doddridge County   | 54017 | R              | Lead Compounds | 0.00E+00            | 0.00E+00                             | 3.80E-03            | 1.17E-05                             | 0.00E+00            | 0.00E+00                             | 5.69E-06            | 1.75E-08                             | 3.80E-03            | 1.17E-05                             |

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| State         | County             | FIPS  | Urban or Rural | Pollutant           | Major               |                                      | Area and Other      |                                      | Onroad Mobile       |                                      | Nonroad Mobile      |                                      | Total               |                                      |
|---------------|--------------------|-------|----------------|---------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|
|               |                    |       |                |                     | Emissions (tons/yr) | Emissions Density (tons/yr/sq. mile) |
| West Virginia | Fayette County     | 54019 | R              | Lead Compounds      | 3.06E-01            | 4.48E-04                             | 6.02E-03            | 8.83E-06                             | 0.00E+00            | 0.00E+00                             | 1.33E-03            | 1.95E-06                             | 3.13E-01            | 4.59E-04                             |
| West Virginia | Gilmer County      | 54021 | R              | Lead Compounds      | 0.00E+00            | 0.00E+00                             | 1.41E-04            | 4.15E-07                             | 0.00E+00            | 0.00E+00                             | 9.25E-06            | 2.72E-08                             | 1.50E-04            | 4.42E-07                             |
| West Virginia | Grant County       | 54023 | R              | Lead Compounds      | 6.49E+00            | 1.35E-02                             | 4.14E-03            | 8.63E-06                             | 0.00E+00            | 0.00E+00                             | 7.01E-02            | 1.46E-04                             | 6.56E+00            | 1.37E-02                             |
| West Virginia | Greenbrier County  | 54025 | R              | Lead Compounds      | 0.00E+00            | 0.00E+00                             | 2.79E-02            | 2.71E-05                             | 0.00E+00            | 0.00E+00                             | 2.01E-01            | 1.96E-04                             | 2.29E-01            | 2.23E-04                             |
| West Virginia | Hampshire County   | 54027 | R              | Lead Compounds      | 0.00E+00            | 0.00E+00                             | 1.55E-03            | 2.43E-06                             | 0.00E+00            | 0.00E+00                             | 5.58E-04            | 8.73E-07                             | 2.11E-03            | 3.30E-06                             |
| West Virginia | Hardy County       | 54031 | R              | Lead Compounds      | 1.97E-04            | 3.31E-07                             | 2.42E-03            | 4.06E-06                             | 0.00E+00            | 0.00E+00                             | 2.42E-05            | 4.07E-08                             | 2.64E-03            | 4.43E-06                             |
| West Virginia | Harrison County    | 54033 | R              | Lead Compounds      | 3.42E-01            | 8.05E-04                             | 2.35E-02            | 5.52E-05                             | 0.00E+00            | 0.00E+00                             | 2.70E-01            | 6.36E-04                             | 6.36E-01            | 1.50E-03                             |
| West Virginia | Jackson County     | 54035 | R              | Lead Compounds      | 0.00E+00            | 0.00E+00                             | 4.47E-03            | 9.32E-06                             | 0.00E+00            | 0.00E+00                             | 1.84E-03            | 3.83E-06                             | 6.31E-03            | 1.31E-05                             |
| West Virginia | Lewis County       | 54041 | R              | Lead Compounds      | 0.00E+00            | 0.00E+00                             | 4.10E-03            | 1.07E-05                             | 0.00E+00            | 0.00E+00                             | 9.37E-05            | 2.43E-07                             | 4.20E-03            | 1.09E-05                             |
| West Virginia | Lincoln County     | 54043 | R              | Lead Compounds      | 0.00E+00            | 0.00E+00                             | 4.03E-03            | 9.29E-06                             | 0.00E+00            | 0.00E+00                             | 2.85E-04            | 6.57E-07                             | 4.31E-03            | 9.94E-06                             |
| West Virginia | Logan County       | 54045 | R              | Lead Compounds      | 0.00E+00            | 0.00E+00                             | 2.03E-02            | 4.52E-05                             | 0.00E+00            | 0.00E+00                             | 1.86E-04            | 4.13E-07                             | 2.05E-02            | 4.56E-05                             |
| West Virginia | McDowell County    | 54047 | R              | Lead Compounds      | 0.00E+00            | 0.00E+00                             | 7.67E-03            | 1.46E-05                             | 0.00E+00            | 0.00E+00                             | 1.53E-03            | 2.90E-06                             | 9.20E-03            | 1.75E-05                             |
| West Virginia | Marion County      | 54049 | R              | Lead Compounds      | 3.53E-02            | 1.14E-04                             | 2.30E-02            | 7.44E-05                             | 0.00E+00            | 0.00E+00                             | 1.03E-02            | 3.32E-05                             | 6.86E-02            | 2.22E-04                             |
| West Virginia | Marshall County    | 54051 | R              | Lead Compounds      | 1.80E-01            | 5.78E-04                             | 8.04E-03            | 2.58E-05                             | 0.00E+00            | 0.00E+00                             | 1.19E-02            | 3.83E-05                             | 2.00E-01            | 6.43E-04                             |
| West Virginia | Mason County       | 54053 | R              | Lead Compounds      | 2.82E-01            | 6.37E-04                             | 4.32E-03            | 9.76E-06                             | 0.00E+00            | 0.00E+00                             | 1.38E-02            | 3.12E-05                             | 3.00E-01            | 6.78E-04                             |
| West Virginia | Mercer County      | 54055 | R              | Lead Compounds      | 0.00E+00            | 0.00E+00                             | 9.31E-03            | 2.19E-05                             | 0.00E+00            | 0.00E+00                             | 2.01E-01            | 4.73E-04                             | 2.10E-01            | 4.95E-04                             |
| West Virginia | Mineral County     | 54057 | R              | Lead Compounds      | 0.00E+00            | 0.00E+00                             | 6.26E-03            | 1.94E-05                             | 0.00E+00            | 0.00E+00                             | 3.04E-02            | 9.42E-05                             | 3.67E-02            | 1.14E-04                             |
| West Virginia | Mingo County       | 54059 | R              | Lead Compounds      | 0.00E+00            | 0.00E+00                             | 4.59E-03            | 1.06E-05                             | 0.00E+00            | 0.00E+00                             | 2.92E-03            | 6.72E-06                             | 7.50E-03            | 1.73E-05                             |
| West Virginia | Monongalia County  | 54061 | R              | Lead Compounds      | 7.31E-02            | 2.01E-04                             | 2.77E-02            | 7.63E-05                             | 0.00E+00            | 0.00E+00                             | 2.50E-01            | 6.90E-04                             | 3.51E-01            | 9.67E-04                             |
| West Virginia | Monroe County      | 54063 | R              | Lead Compounds      | 0.00E+00            | 0.00E+00                             | 2.51E-04            | 5.27E-07                             | 0.00E+00            | 0.00E+00                             | 3.78E-04            | 7.95E-07                             | 6.29E-04            | 1.32E-06                             |
| West Virginia | Morgan County      | 54065 | R              | Lead Compounds      | 0.00E+00            | 0.00E+00                             | 2.91E-04            | 1.24E-06                             | 0.00E+00            | 0.00E+00                             | 1.19E-03            | 5.08E-06                             | 1.48E-03            | 6.32E-06                             |
| West Virginia | Nicholas County    | 54067 | R              | Lead Compounds      | 0.00E+00            | 0.00E+00                             | 1.27E-02            | 1.96E-05                             | 0.00E+00            | 0.00E+00                             | 2.16E-04            | 3.34E-07                             | 1.49E-02            | 2.00E-05                             |
| West Virginia | Pendleton County   | 54071 | R              | Lead Compounds      | 0.00E+00            | 0.00E+00                             | 1.09E-02            | 1.58E-05                             | 0.00E+00            | 0.00E+00                             | 6.84E-06            | 9.86E-09                             | 1.10E-02            | 1.58E-05                             |
| West Virginia | Pleasants County   | 54073 | R              | Lead Compounds      | 1.67E-01            | 1.18E-03                             | 3.88E-03            | 2.75E-05                             | 0.00E+00            | 0.00E+00                             | 2.18E-03            | 1.55E-05                             | 1.73E-01            | 1.23E-03                             |
| West Virginia | Pocahontas County  | 54075 | R              | Lead Compounds      | 0.00E+00            | 0.00E+00                             | 3.93E-03            | 4.16E-06                             | 0.00E+00            | 0.00E+00                             | 4.14E-05            | 4.38E-08                             | 3.97E-03            | 4.21E-06                             |
| West Virginia | Preston County     | 54077 | R              | Lead Compounds      | 7.83E-03            | 1.18E-05                             | 6.02E+00            | 9.08E-03                             | 0.00E+00            | 0.00E+00                             | 3.81E-04            | 5.76E-07                             | 6.03E+00            | 9.10E-03                             |
| West Virginia | Raleigh County     | 54081 | R              | Lead Compounds      | 0.00E+00            | 0.00E+00                             | 5.62E-02            | 9.26E-05                             | 0.00E+00            | 0.00E+00                             | 1.02E-02            | 1.68E-05                             | 6.64E-02            | 1.09E-04                             |
| West Virginia | Randolph County    | 54083 | R              | Lead Compounds      | 0.00E+00            | 0.00E+00                             | 1.63E-02            | 1.57E-05                             | 0.00E+00            | 0.00E+00                             | 5.00E-02            | 4.80E-05                             | 6.64E-02            | 6.37E-05                             |
| West Virginia | Ritchie County     | 54085 | R              | Lead Compounds      | 0.00E+00            | 0.00E+00                             | 3.92E-03            | 8.88E-06                             | 0.00E+00            | 0.00E+00                             | 7.18E-06            | 1.63E-08                             | 3.92E-03            | 8.90E-06                             |
| West Virginia | Roane County       | 54087 | R              | Lead Compounds      | 0.00E+00            | 0.00E+00                             | 3.58E-04            | 7.32E-07                             | 0.00E+00            | 0.00E+00                             | 8.81E-06            | 2.00E-08                             | 3.68E-04            | 7.52E-07                             |
| West Virginia | Summers County     | 54089 | R              | Lead Compounds      | 0.00E+00            | 0.00E+00                             | 3.92E-03            | 1.09E-05                             | 0.00E+00            | 0.00E+00                             | 7.44E-04            | 2.08E-06                             | 4.66E-03            | 1.30E-05                             |
| West Virginia | Taylor County      | 54091 | R              | Lead Compounds      | 0.00E+00            | 0.00E+00                             | 3.97E-03            | 2.29E-05                             | 0.00E+00            | 0.00E+00                             | 2.80E-04            | 1.61E-06                             | 4.25E-03            | 2.45E-05                             |
| West Virginia | Tucker County      | 54093 | R              | Lead Compounds      | 0.00E+00            | 0.00E+00                             | 2.33E-04            | 5.39E-07                             | 0.00E+00            | 0.00E+00                             | 4.35E-05            | 1.01E-07                             | 2.76E-04            | 6.40E-07                             |
| West Virginia | Tyler County       | 54095 | R              | Lead Compounds      | 0.00E+00            | 0.00E+00                             | 3.91E-03            | 1.52E-05                             | 0.00E+00            | 0.00E+00                             | 1.57E-03            | 6.12E-06                             | 5.49E-03            | 2.14E-05                             |
| West Virginia | Upshur County      | 54097 | R              | Lead Compounds      | 0.00E+00            | 0.00E+00                             | 2.77E-02            | 7.95E-05                             | 0.00E+00            | 0.00E+00                             | 1.80E-04            | 5.18E-07                             | 2.79E-02            | 8.00E-05                             |
| West Virginia | Webster County     | 54101 | R              | Lead Compounds      | 0.00E+00            | 0.00E+00                             | 5.19E-03            | 9.29E-06                             | 0.00E+00            | 0.00E+00                             | 4.62E-05            | 8.27E-08                             | 5.24E-03            | 9.37E-06                             |
| West Virginia | Wetzel County      | 54103 | R              | Lead Compounds      | 0.00E+00            | 0.00E+00                             | 4.45E-03            | 1.25E-05                             | 0.00E+00            | 0.00E+00                             | 1.95E-03            | 5.47E-06                             | 6.40E-03            | 1.80E-05                             |
| West Virginia | Wirt County        | 54105 | R              | Lead Compounds      | 0.00E+00            | 0.00E+00                             | 1.11E-04            | 4.90E-07                             | 0.00E+00            | 0.00E+00                             | 3.72E-05            | 1.65E-07                             | 1.48E-04            | 6.55E-07                             |
| West Virginia | Wyoming County     | 54109 | R              | Lead Compounds      | 0.00E+00            | 0.00E+00                             | 1.05E-01            | 2.06E-04                             | 0.00E+00            | 0.00E+00                             | 3.14E-03            | 6.17E-06                             | 1.08E-01            | 2.13E-04                             |
| West Virginia | All Rural Counties | N/A   | R              | Manganese Compounds | 2.85E+01            | 1.35E-03                             | 1.82E+00            | 8.65E-05                             | 1.99E-02            | 9.44E-07                             | 1.10E-02            | 5.24E-07                             | 3.03E+01            | 1.44E-03                             |
| West Virginia | Barbour County     | 54001 | R              | Manganese Compounds | 0.00E+00            | 0.00E+00                             | 7.06E-04            | 2.09E-06                             | 1.85E-04            | 5.47E-07                             | 2.86E-05            | 8.46E-08                             | 9.19E-04            | 2.72E-06                             |
| West Virginia | Boone County       | 54005 | R              | Manganese Compounds | 0.00E+00            | 0.00E+00                             | 2.07E-01            | 4.06E-04                             | 3.70E-04            | 7.26E-07                             | 1.24E-04            | 2.43E-07                             | 2.08E-01            | 4.07E-04                             |
| West Virginia | Braxton County     | 54007 | R              | Manganese Compounds | 0.00E+00            | 0.00E+00                             | 8.99E-04            | 1.73E-06                             | 6.75E-04            | 1.30E-06                             | 3.35E-05            | 6.47E-08                             | 1.61E-03            | 3.10E-06                             |
| West Virginia | Brooke County      | 54009 | R              | Manganese Compounds | 2.15E-04            | 2.44E-06                             | 1.04E-03            | 1.18E-05                             | 3.20E-04            | 3.63E-06                             | 7.92E-04            | 8.99E-06                             | 2.37E-03            | 2.69E-05                             |
| West Virginia | Calhoun County     | 54013 | R              | Manganese Compounds | 0.00E+00            | 0.00E+00                             | 2.38E-04            | 8.42E-07                             | 8.00E-05            | 2.83E-07                             | 1.56E-05            | 5.51E-08                             | 3.34E-04            | 1.18E-06                             |
| West Virginia | Clay County        | 54015 | R              | Manganese Compounds | 0.00E+00            | 0.00E+00                             | 5.70E-04            | 1.65E-06                             | 1.95E-04            | 5.63E-07                             | 1.11E-05            | 3.21E-08                             | 7.76E-04            | 2.24E-06                             |
| West Virginia | Doddridge County   | 54017 | R              | Manganese Compounds | 0.00E+00            | 0.00E+00                             | 2.01E-04            | 6.19E-07                             | 9.00E-05            | 2.77E-07                             | 2.08E-05            | 6.41E-08                             | 3.12E-04            | 9.60E-07                             |
| West Virginia | Fayette County     | 54019 | R              | Manganese Compounds | 6.89E-03            | 1.01E-05                             | 5.42E-03            | 7.94E-06                             | 9.10E-04            | 1.33E-06                             | 1.28E-04            | 1.88E-07                             | 1.33E-02            | 1.95E-05                             |
| West Virginia | Gilmer County      | 54021 | R              | Manganese Compounds | 0.00E+00            | 0.00E+00                             | 2.17E-04            | 6.38E-07                             | 8.00E-05            | 2.35E-07                             | 1.45E-05            | 4.28E-08                             | 3.12E-04            | 9.16E-07                             |
| West Virginia | Grant County       | 54023 | R              | Manganese Compounds | 2.52E+01            | 5.24E-02                             | 4.85E-03            | 1.01E-05                             | 1.60E-04            | 3.33E-07                             | 3.89E-05            | 8.11E-08                             | 2.52E+01            | 5.24E-02                             |
| West Virginia | Greenbrier County  | 54025 | R              | Manganese Compounds | 0.00E+00            | 0.00E+00                             | 9.34E-02            | 9.08E-05                             | 9.60E-04            | 9.33E-07                             | 1.02E-04            | 9.90E-08                             | 9.45E-02            | 9.19E-05                             |
| West Virginia | Hampshire County   | 54027 | R              | Manganese Compounds | 0.00E+00            | 0.00E+00                             | 1.55E-03            | 2.43E-06                             | 2.10E-04            | 3.28E-07                             | 7.28E-05            | 1.14E-07                             | 1.84E-03            | 2.87E-06                             |
| West Virginia | Hardy County       | 54031 | R              | Manganese Compounds | 5.71E-03            | 9.59E-06                             | 1.41E-03            | 2.36E-06                             | 1.80E-04            | 3.02E-07                             | 3.50E-05            | 5.87E-08                             | 7.33E-03            | 1.23E-05                             |
| West Virginia | Harrison County    | 54033 | R              | Manganese Compounds | 9.93E-01            | 2.34E-03                             | 2.44E-03            | 5.75E-06                             | 1.34E-03            | 3.14E-06                             | 1.32E-04            | 3.11E-07                             | 9.97E-01            | 2.35E-03                             |

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| State         | County             | FIPS  | Urban or Rural | Pollutant           | Major               |                                      | Area and Other      |                                      | Onroad Mobile       |                                      | Nonroad Mobile      |                                      | Total               |                                      |
|---------------|--------------------|-------|----------------|---------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|
|               |                    |       |                |                     | Emissions (tons/yr) | Emissions Density (tons/yr/sq. mile) |
| West Virginia | Jackson County     | 54035 | R              | Manganese Compounds | 1.78E-01            | 3.71E-04                             | 1.47E-03            | 3.07E-06                             | 8.70E-04            | 1.81E-06                             | 9.33E-04            | 1.94E-06                             | 1.81E-01            | 3.78E-04                             |
| West Virginia | Lewis County       | 54041 | R              | Manganese Compounds | 0.00E+00            | 0.00E+00                             | 6.00E-04            | 1.56E-06                             | 5.00E-04            | 1.30E-06                             | 4.57E-05            | 1.19E-07                             | 1.15E-03            | 2.98E-06                             |
| West Virginia | Lincoln County     | 54043 | R              | Manganese Compounds | 0.00E+00            | 0.00E+00                             | 7.23E-04            | 1.67E-06                             | 3.60E-04            | 8.30E-07                             | 2.42E-05            | 5.57E-08                             | 1.11E-03            | 2.55E-06                             |
| West Virginia | Logan County       | 54045 | R              | Manganese Compounds | 0.00E+00            | 0.00E+00                             | 1.10E-03            | 2.44E-06                             | 5.75E-04            | 1.28E-06                             | 9.58E-05            | 2.13E-07                             | 1.77E-03            | 3.93E-06                             |
| West Virginia | McDowell County    | 54047 | R              | Manganese Compounds | 0.00E+00            | 0.00E+00                             | 1.01E-01            | 1.92E-04                             | 4.25E-04            | 8.07E-07                             | 1.45E-04            | 2.76E-07                             | 1.02E-01            | 1.93E-04                             |
| West Virginia | Marion County      | 54049 | R              | Manganese Compounds | 4.57E-02            | 1.48E-04                             | 1.27E-01            | 4.10E-04                             | 7.20E-04            | 2.33E-06                             | 1.15E-04            | 3.72E-07                             | 1.73E-01            | 5.60E-04                             |
| West Virginia | Marshall County    | 54051 | R              | Manganese Compounds | 3.57E-01            | 1.15E-03                             | 1.57E-03            | 5.04E-06                             | 3.95E-04            | 1.27E-06                             | 1.14E-03            | 3.66E-06                             | 3.60E-01            | 1.16E-03                             |
| West Virginia | Mason County       | 54053 | R              | Manganese Compounds | 6.26E-01            | 1.41E-03                             | 4.31E-01            | 9.74E-04                             | 3.40E-04            | 7.68E-07                             | 2.15E-03            | 4.85E-06                             | 1.06E+00            | 2.39E-03                             |
| West Virginia | Mercer County      | 54055 | R              | Manganese Compounds | 0.00E+00            | 0.00E+00                             | 2.70E-03            | 6.35E-06                             | 1.33E-03            | 3.12E-06                             | 8.36E-05            | 1.97E-07                             | 4.11E-03            | 9.66E-06                             |
| West Virginia | Mineral County     | 54057 | R              | Manganese Compounds | 0.00E+00            | 0.00E+00                             | 1.12E-03            | 3.46E-06                             | 3.90E-04            | 1.21E-06                             | 4.63E-05            | 1.43E-07                             | 1.56E-03            | 4.81E-06                             |
| West Virginia | Mingo County       | 54059 | R              | Manganese Compounds | 0.00E+00            | 0.00E+00                             | 7.08E-04            | 1.63E-06                             | 3.25E-04            | 7.49E-07                             | 4.40E-04            | 1.01E-06                             | 1.47E-03            | 3.39E-06                             |
| West Virginia | Monongalia County  | 54061 | R              | Manganese Compounds | 2.70E-01            | 7.42E-04                             | 3.29E-03            | 9.06E-06                             | 1.70E-03            | 4.68E-06                             | 2.65E-04            | 7.29E-07                             | 2.75E-01            | 7.57E-04                             |
| West Virginia | Monroe County      | 54063 | R              | Manganese Compounds | 0.00E+00            | 0.00E+00                             | 1.14E-03            | 2.38E-06                             | 2.00E-04            | 4.20E-07                             | 4.49E-05            | 9.43E-08                             | 1.38E-03            | 2.90E-06                             |
| West Virginia | Morgan County      | 54065 | R              | Manganese Compounds | 0.00E+00            | 0.00E+00                             | 5.67E-03            | 2.42E-05                             | 1.65E-04            | 7.03E-07                             | 4.26E-05            | 1.81E-07                             | 5.88E-03            | 2.51E-05                             |
| West Virginia | Nicholas County    | 54067 | R              | Manganese Compounds | 0.00E+00            | 0.00E+00                             | 1.38E-01            | 2.13E-04                             | 3.65E-04            | 5.64E-07                             | 5.18E-05            | 8.01E-08                             | 1.39E-01            | 2.14E-04                             |
| West Virginia | Pendleton County   | 54071 | R              | Manganese Compounds | 0.00E+00            | 0.00E+00                             | 8.36E-04            | 1.21E-06                             | 8.00E-05            | 1.15E-07                             | 3.04E-05            | 4.38E-08                             | 9.46E-04            | 1.36E-06                             |
| West Virginia | Pleasants County   | 54073 | R              | Manganese Compounds | 6.80E-01            | 4.82E-03                             | 3.67E-04            | 2.60E-06                             | 9.00E-05            | 6.38E-07                             | 1.20E-03            | 8.53E-06                             | 6.82E-01            | 4.84E-03                             |
| West Virginia | Pocahontas County  | 54075 | R              | Manganese Compounds | 0.00E+00            | 0.00E+00                             | 9.16E-04            | 9.70E-07                             | 1.40E-04            | 1.48E-07                             | 3.14E-05            | 3.33E-08                             | 1.09E-03            | 1.15E-06                             |
| West Virginia | Preston County     | 54077 | R              | Manganese Compounds | 1.09E-01            | 1.65E-04                             | 1.23E-03            | 1.86E-06                             | 6.60E-04            | 9.96E-07                             | 6.63E-05            | 1.00E-07                             | 1.11E-01            | 1.68E-04                             |
| West Virginia | Raleigh County     | 54081 | R              | Manganese Compounds | 0.00E+00            | 0.00E+00                             | 7.24E-02            | 1.19E-04                             | 1.84E-03            | 3.02E-06                             | 1.47E-04            | 2.42E-07                             | 7.44E-02            | 1.23E-04                             |
| West Virginia | Randolph County    | 54083 | R              | Manganese Compounds | 0.00E+00            | 0.00E+00                             | 3.46E-01            | 3.32E-04                             | 4.45E-04            | 4.27E-07                             | 5.94E-05            | 5.70E-08                             | 3.46E-01            | 3.32E-04                             |
| West Virginia | Ritchie County     | 54085 | R              | Manganese Compounds | 0.00E+00            | 0.00E+00                             | 3.86E-04            | 8.77E-07                             | 1.20E-04            | 2.72E-07                             | 2.33E-05            | 5.28E-08                             | 5.30E-04            | 1.20E-06                             |
| West Virginia | Roane County       | 54087 | R              | Manganese Compounds | 0.00E+00            | 0.00E+00                             | 7.48E-04            | 1.53E-06                             | 3.65E-04            | 7.46E-07                             | 3.24E-05            | 6.63E-08                             | 1.15E-03            | 2.34E-06                             |
| West Virginia | Summers County     | 54089 | R              | Manganese Compounds | 0.00E+00            | 0.00E+00                             | 7.99E-04            | 2.23E-06                             | 2.40E-04            | 6.71E-07                             | 3.91E-05            | 1.09E-07                             | 1.08E-03            | 3.01E-06                             |
| West Virginia | Taylor County      | 54091 | R              | Manganese Compounds | 0.00E+00            | 0.00E+00                             | 5.84E-04            | 3.36E-06                             | 1.65E-04            | 9.50E-07                             | 2.51E-05            | 1.44E-07                             | 7.74E-04            | 4.45E-06                             |
| West Virginia | Tucker County      | 54093 | R              | Manganese Compounds | 0.00E+00            | 0.00E+00                             | 6.15E-04            | 1.43E-06                             | 1.10E-04            | 2.55E-07                             | 1.45E-05            | 3.36E-08                             | 7.40E-04            | 1.71E-06                             |
| West Virginia | Tyler County       | 54095 | R              | Manganese Compounds | 0.00E+00            | 0.00E+00                             | 1.26E-01            | 4.89E-04                             | 1.05E-04            | 4.09E-07                             | 9.25E-04            | 3.60E-06                             | 1.27E-01            | 4.93E-04                             |
| West Virginia | Upshur County      | 54097 | R              | Manganese Compounds | 0.00E+00            | 0.00E+00                             | 9.25E-02            | 2.66E-04                             | 3.60E-04            | 1.03E-06                             | 4.62E-05            | 1.33E-07                             | 9.29E-02            | 2.67E-04                             |
| West Virginia | Webster County     | 54101 | R              | Manganese Compounds | 0.00E+00            | 0.00E+00                             | 3.92E-02            | 7.00E-05                             | 7.00E-05            | 1.25E-07                             | 3.38E-05            | 6.05E-08                             | 3.93E-02            | 7.02E-05                             |
| West Virginia | Wetzel County      | 54103 | R              | Manganese Compounds | 0.00E+00            | 0.00E+00                             | 1.90E-03            | 5.33E-06                             | 2.50E-04            | 7.02E-07                             | 1.11E-03            | 3.11E-06                             | 3.92E-03            | 9.14E-06                             |
| West Virginia | Wirt County        | 54105 | R              | Manganese Compounds | 0.00E+00            | 0.00E+00                             | 3.48E-04            | 1.54E-06                             | 4.00E-05            | 1.77E-07                             | 1.61E-05            | 7.14E-08                             | 4.04E-04            | 1.79E-06                             |
| West Virginia | Wyoming County     | 54109 | R              | Manganese Compounds | 0.00E+00            | 0.00E+00                             | 1.92E-03            | 3.78E-06                             | 4.25E-04            | 8.35E-07                             | 8.01E-05            | 1.57E-07                             | 2.43E-03            | 4.77E-06                             |
| West Virginia | All Rural Counties | N/A   | R              | Mercury Compounds   | 5.18E-01            | 2.46E-05                             | 6.37E-02            | 3.02E-06                             | 1.29E-01            | 6.13E-06                             | 2.67E-02            | 1.27E-06                             | 7.38E-01            | 3.50E-05                             |
| West Virginia | Barbour County     | 54001 | R              | Mercury Compounds   | 0.00E+00            | 0.00E+00                             | 1.39E-04            | 4.11E-07                             | 1.40E-03            | 4.14E-06                             | 2.50E-04            | 7.40E-07                             | 1.79E-03            | 5.29E-06                             |
| West Virginia | Boone County       | 54005 | R              | Mercury Compounds   | 0.00E+00            | 0.00E+00                             | 2.20E-04            | 4.32E-07                             | 2.53E-03            | 4.96E-06                             | 1.38E-03            | 2.71E-06                             | 4.13E-03            | 8.10E-06                             |
| West Virginia | Braxton County     | 54007 | R              | Mercury Compounds   | 0.00E+00            | 0.00E+00                             | 1.70E-04            | 3.27E-07                             | 4.73E-03            | 9.13E-06                             | 2.92E-04            | 5.64E-07                             | 5.19E-03            | 1.00E-05                             |
| West Virginia | Brooke County      | 54009 | R              | Mercury Compounds   | 1.19E-02            | 1.35E-04                             | 4.00E-03            | 4.54E-05                             | 1.85E-03            | 2.10E-05                             | 5.79E-04            | 6.58E-06                             | 1.83E-02            | 2.08E-04                             |
| West Virginia | Calhoun County     | 54013 | R              | Mercury Compounds   | 0.00E+00            | 0.00E+00                             | 6.71E-05            | 2.37E-07                             | 6.15E-04            | 2.17E-06                             | 1.42E-04            | 5.01E-07                             | 8.24E-04            | 2.91E-06                             |
| West Virginia | Clay County        | 54015 | R              | Mercury Compounds   | 0.00E+00            | 0.00E+00                             | 8.43E-05            | 2.44E-07                             | 1.34E-03            | 3.87E-06                             | 7.73E-05            | 2.23E-07                             | 1.50E-03            | 4.34E-06                             |
| West Virginia | Doddridge County   | 54017 | R              | Mercury Compounds   | 0.00E+00            | 0.00E+00                             | 6.09E-05            | 1.88E-07                             | 6.15E-04            | 1.89E-06                             | 2.12E-04            | 6.53E-07                             | 8.88E-04            | 2.73E-06                             |
| West Virginia | Fayette County     | 54019 | R              | Mercury Compounds   | 3.58E-03            | 5.24E-06                             | 5.98E-04            | 8.76E-07                             | 6.11E-03            | 8.94E-06                             | 9.27E-04            | 1.36E-06                             | 1.12E-02            | 1.64E-05                             |
| West Virginia | Gilmer County      | 54021 | R              | Mercury Compounds   | 0.00E+00            | 0.00E+00                             | 5.95E-05            | 1.75E-07                             | 5.65E-04            | 1.66E-06                             | 9.99E-05            | 2.94E-07                             | 7.24E-04            | 2.13E-06                             |
| West Virginia | Grant County       | 54023 | R              | Mercury Compounds   | 4.62E-04            | 9.62E-07                             | 1.11E-04            | 2.32E-07                             | 1.21E-03            | 2.51E-06                             | 2.76E-04            | 5.74E-07                             | 2.05E-03            | 4.28E-06                             |
| West Virginia | Greenbrier County  | 54025 | R              | Mercury Compounds   | 0.00E+00            | 0.00E+00                             | 1.30E-03            | 1.26E-06                             | 6.60E-03            | 6.42E-06                             | 9.15E-04            | 8.90E-07                             | 8.81E-03            | 8.57E-06                             |
| West Virginia | Hampshire County   | 54027 | R              | Mercury Compounds   | 0.00E+00            | 0.00E+00                             | 2.35E-04            | 3.67E-07                             | 1.50E-03            | 2.34E-06                             | 5.76E-04            | 9.00E-07                             | 2.31E-03            | 3.61E-06                             |
| West Virginia | Hardy County       | 54031 | R              | Mercury Compounds   | 2.28E-06            | 3.83E-09                             | 1.42E-04            | 2.38E-07                             | 1.30E-03            | 2.17E-06                             | 3.10E-04            | 5.21E-07                             | 1.75E-03            | 2.94E-06                             |
| West Virginia | Harrison County    | 54033 | R              | Mercury Compounds   | 1.35E-01            | 3.17E-04                             | 1.35E-03            | 3.18E-06                             | 7.76E-03            | 1.83E-05                             | 1.09E-03            | 2.56E-06                             | 1.45E-01            | 3.41E-04                             |
| West Virginia | Jackson County     | 54035 | R              | Mercury Compounds   | 0.00E+00            | 0.00E+00                             | 2.84E-04            | 5.92E-07                             | 5.97E-03            | 1.24E-05                             | 1.08E-03            | 2.26E-06                             | 7.33E-03            | 1.53E-05                             |
| West Virginia | Lewis County       | 54041 | R              | Mercury Compounds   | 0.00E+00            | 0.00E+00                             | 1.69E-04            | 4.40E-07                             | 3.51E-03            | 9.12E-06                             | 3.58E-04            | 9.29E-07                             | 4.04E-03            | 1.05E-05                             |
| West Virginia | Lincoln County     | 54043 | R              | Mercury Compounds   | 0.00E+00            | 0.00E+00                             | 1.73E-04            | 3.99E-07                             | 2.45E-03            | 5.63E-06                             | 1.94E-04            | 4.48E-07                             | 2.81E-03            | 6.48E-06                             |
| West Virginia | Logan County       | 54045 | R              | Mercury Compounds   | 0.00E+00            | 0.00E+00                             | 5.23E-04            | 1.16E-06                             | 4.07E-03            | 9.05E-06                             | 8.86E-04            | 1.97E-06                             | 5.48E-03            | 1.22E-05                             |
| West Virginia | McDowell County    | 54047 | R              | Mercury Compounds   | 0.00E+00            | 0.00E+00                             | 5.85E-04            | 7.32E-07                             | 2.93E-03            | 5.56E-06                             | 6.74E-04            | 1.28E-06                             | 3.98E-03            | 7.57E-06                             |
| West Virginia | Marion County      | 54049 | R              | Mercury Compounds   | 1.82E-06            | 5.89E-09                             | 7.53E-04            | 2.43E-06                             | 4.18E-03            | 1.35E-05                             | 5.10E-04            | 1.65E-06                             | 5.44E-03            | 1.76E-05                             |
| West Virginia | Marshall County    | 54051 | R              | Mercury Compounds   | 1.43E-01            | 4.59E-04                             | 3.73E-03            | 1.20E-05                             | 2.34E-03            | 7.51E-06                             | 9.36E-04            | 3.01E-06                             | 1.50E-01            | 4.81E-04                             |

DRAFT FOR REVIEW ONLY

| State         | County             | FIPS  | Urban or Rural | Pollutant          | Major               |                                      | Area and Other      |                                      | Onroad Mobile       |                                      | Nonroad Mobile      |                                      | Total               |                                      |
|---------------|--------------------|-------|----------------|--------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|
|               |                    |       |                |                    | Emissions (tons/yr) | Emissions Density (tons/yr/sq. mile) |
| West Virginia | Mason County       | 54053 | R              | Mercury Compounds  | 3.12E-04            | 7.05E-07                             | 2.42E-04            | 5.48E-07                             | 2.30E-03            | 5.19E-06                             | 2.46E-03            | 5.55E-06                             | 5.31E-03            | 1.20E-05                             |
| West Virginia | Mercer County      | 54055 | R              | Mercury Compounds  | 0.00E+00            | 0.00E+00                             | 4.84E-03            | 1.14E-05                             | 8.38E-03            | 1.97E-05                             | 7.61E-04            | 1.79E-06                             | 1.40E-02            | 3.29E-05                             |
| West Virginia | Mineral County     | 54057 | R              | Mercury Compounds  | 0.00E+00            | 0.00E+00                             | 2.38E-04            | 7.36E-07                             | 2.35E-03            | 7.25E-06                             | 4.18E-04            | 1.29E-06                             | 3.00E-03            | 9.28E-06                             |
| West Virginia | Mingo County       | 54059 | R              | Mercury Compounds  | 0.00E+00            | 0.00E+00                             | 3.89E-04            | 8.95E-07                             | 2.32E-03            | 5.33E-06                             | 1.10E-03            | 2.55E-06                             | 3.81E-03            | 8.78E-06                             |
| West Virginia | Monongalia County  | 54061 | R              | Mercury Compounds  | 1.04E-01            | 2.86E-04                             | 2.51E-02            | 6.90E-05                             | 9.58E-03            | 2.64E-05                             | 1.15E-03            | 3.18E-06                             | 1.40E-01            | 3.85E-04                             |
| West Virginia | Monroe County      | 54063 | R              | Mercury Compounds  | 0.00E+00            | 0.00E+00                             | 1.63E-04            | 3.42E-07                             | 1.45E-03            | 3.05E-06                             | 4.50E-04            | 9.45E-07                             | 2.06E-03            | 4.33E-06                             |
| West Virginia | Morgan County      | 54065 | R              | Mercury Compounds  | 0.00E+00            | 0.00E+00                             | 1.70E-04            | 7.26E-07                             | 1.17E-03            | 4.99E-06                             | 4.98E-04            | 2.12E-06                             | 1.84E-03            | 7.84E-06                             |
| West Virginia | Nicholas County    | 54067 | R              | Mercury Compounds  | 0.00E+00            | 0.00E+00                             | 2.17E-03            | 3.35E-06                             | 3.72E-03            | 2.41E-03                             | 2.69E-04            | 4.16E-07                             | 4.84E-03            | 7.49E-06                             |
| West Virginia | Pendleton County   | 54071 | R              | Mercury Compounds  | 0.00E+00            | 0.00E+00                             | 7.64E-05            | 1.10E-07                             | 6.15E-04            | 8.87E-07                             | 3.13E-04            | 4.51E-07                             | 1.00E-03            | 1.45E-06                             |
| West Virginia | Pleasants County   | 54073 | R              | Mercury Compounds  | 9.77E-02            | 6.93E-04                             | 7.61E-05            | 5.40E-07                             | 6.15E-04            | 4.36E-06                             | 8.24E-04            | 5.84E-06                             | 9.93E-02            | 7.04E-04                             |
| West Virginia | Pocahontas County  | 54075 | R              | Mercury Compounds  | 0.00E+00            | 0.00E+00                             | 1.33E-04            | 1.40E-07                             | 9.85E-04            | 1.04E-06                             | 2.28E-04            | 2.42E-07                             | 1.35E-03            | 1.42E-06                             |
| West Virginia | Preston County     | 54077 | R              | Mercury Compounds  | 2.23E-02            | 3.36E-05                             | 2.56E-04            | 3.86E-07                             | 4.53E-03            | 6.83E-06                             | 5.82E-04            | 8.79E-07                             | 2.76E-02            | 4.17E-05                             |
| West Virginia | Raleigh County     | 54081 | R              | Mercury Compounds  | 0.00E+00            | 0.00E+00                             | 7.81E-03            | 1.29E-05                             | 1.14E-02            | 1.87E-05                             | 1.18E-03            | 1.95E-06                             | 2.04E-02            | 3.35E-05                             |
| West Virginia | Randolph County    | 54083 | R              | Mercury Compounds  | 0.00E+00            | 0.00E+00                             | 5.30E-04            | 5.09E-07                             | 2.65E-03            | 2.54E-06                             | 4.46E-04            | 4.28E-07                             | 3.63E-03            | 3.48E-06                             |
| West Virginia | Ritchie County     | 54085 | R              | Mercury Compounds  | 0.00E+00            | 0.00E+00                             | 9.55E-05            | 2.17E-07                             | 8.60E-04            | 1.95E-06                             | 2.09E-04            | 4.74E-07                             | 1.16E-03            | 2.64E-06                             |
| West Virginia | Roane County       | 54087 | R              | Mercury Compounds  | 0.00E+00            | 0.00E+00                             | 1.38E-04            | 2.82E-07                             | 2.58E-03            | 5.27E-06                             | 2.94E-04            | 6.01E-07                             | 3.01E-03            | 6.15E-06                             |
| West Virginia | Summers County     | 54089 | R              | Mercury Compounds  | 0.00E+00            | 0.00E+00                             | 1.98E-04            | 5.53E-07                             | 1.71E-03            | 4.76E-06                             | 3.17E-04            | 8.85E-07                             | 2.22E-03            | 6.20E-06                             |
| West Virginia | Taylor County      | 54091 | R              | Mercury Compounds  | 0.00E+00            | 0.00E+00                             | 1.30E-04            | 7.49E-07                             | 9.55E-04            | 5.50E-06                             | 2.04E-04            | 1.18E-06                             | 1.29E-03            | 7.42E-06                             |
| West Virginia | Tucker County      | 54093 | R              | Mercury Compounds  | 0.00E+00            | 0.00E+00                             | 1.13E-04            | 2.63E-07                             | 8.10E-04            | 1.88E-06                             | 1.01E-04            | 2.33E-07                             | 1.02E-03            | 2.37E-06                             |
| West Virginia | Tyler County       | 54095 | R              | Mercury Compounds  | 0.00E+00            | 0.00E+00                             | 9.18E-05            | 3.58E-07                             | 7.25E-04            | 2.82E-06                             | 6.84E-04            | 2.67E-06                             | 1.50E-03            | 5.85E-06                             |
| West Virginia | Upshur County      | 54097 | R              | Mercury Compounds  | 0.00E+00            | 0.00E+00                             | 5.63E-04            | 1.62E-06                             | 2.19E-03            | 6.27E-06                             | 3.33E-04            | 9.55E-07                             | 3.08E-03            | 8.84E-06                             |
| West Virginia | Webster County     | 54101 | R              | Mercury Compounds  | 0.00E+00            | 0.00E+00                             | 1.37E-04            | 2.45E-07                             | 5.10E-04            | 9.12E-07                             | 2.91E-04            | 5.20E-07                             | 9.37E-04            | 1.68E-06                             |
| West Virginia | Wetzel County      | 54103 | R              | Mercury Compounds  | 0.00E+00            | 0.00E+00                             | 2.63E-03            | 7.39E-06                             | 1.48E-03            | 4.14E-06                             | 8.78E-04            | 2.47E-06                             | 4.98E-03            | 1.40E-05                             |
| West Virginia | Wirt County        | 54105 | R              | Mercury Compounds  | 0.00E+00            | 0.00E+00                             | 4.70E-05            | 2.08E-07                             | 2.95E-04            | 1.31E-06                             | 8.81E-05            | 3.90E-07                             | 4.30E-04            | 1.90E-06                             |
| West Virginia | Wyoming County     | 54109 | R              | Mercury Compounds  | 0.00E+00            | 0.00E+00                             | 2.91E-03            | 5.71E-06                             | 2.94E-03            | 5.77E-06                             | 8.37E-04            | 1.64E-06                             | 6.68E-03            | 1.31E-05                             |
| West Virginia | All Rural Counties | N/A   | R              | Methylene Chloride | 4.21E+00            | 2.00E-04                             | 1.69E+02            | 8.04E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.74E+02            | 8.24E-03                             |
| West Virginia | Barbour County     | 54001 | R              | Methylene Chloride | 0.00E+00            | 0.00E+00                             | 2.09E+00            | 6.18E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.09E+00            | 6.18E-03                             |
| West Virginia | Boone County       | 54005 | R              | Methylene Chloride | 0.00E+00            | 0.00E+00                             | 3.40E+00            | 6.68E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.40E+00            | 6.68E-03                             |
| West Virginia | Braxton County     | 54007 | R              | Methylene Chloride | 0.00E+00            | 0.00E+00                             | 1.85E+00            | 3.57E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.85E+00            | 3.57E-03                             |
| West Virginia | Brooke County      | 54009 | R              | Methylene Chloride | 4.16E-02            | 4.72E-04                             | 3.75E+00            | 4.25E-02                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.79E+00            | 4.30E-02                             |
| West Virginia | Calhoun County     | 54013 | R              | Methylene Chloride | 0.00E+00            | 0.00E+00                             | 1.02E+00            | 3.61E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.02E+00            | 3.61E-03                             |
| West Virginia | Clay County        | 54015 | R              | Methylene Chloride | 0.00E+00            | 0.00E+00                             | 1.35E+00            | 3.89E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.35E+00            | 3.89E-03                             |
| West Virginia | Doddridge County   | 54017 | R              | Methylene Chloride | 0.00E+00            | 0.00E+00                             | 9.52E-01            | 2.93E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 9.52E-01            | 2.93E-03                             |
| West Virginia | Fayette County     | 54019 | R              | Methylene Chloride | 1.25E-02            | 1.83E-05                             | 6.48E+00            | 9.49E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.49E+00            | 9.51E-03                             |
| West Virginia | Gilmer County      | 54021 | R              | Methylene Chloride | 0.00E+00            | 0.00E+00                             | 9.40E-01            | 2.76E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 9.40E-01            | 2.76E-03                             |
| West Virginia | Grant County       | 54023 | R              | Methylene Chloride | 1.01E+00            | 2.10E-03                             | 1.47E+00            | 3.07E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.48E+00            | 5.16E-03                             |
| West Virginia | Greenbrier County  | 54025 | R              | Methylene Chloride | 0.00E+00            | 0.00E+00                             | 9.22E+00            | 8.97E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 9.22E+00            | 8.97E-03                             |
| West Virginia | Hampshire County   | 54027 | R              | Methylene Chloride | 0.00E+00            | 0.00E+00                             | 2.55E+00            | 3.98E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.55E+00            | 3.98E-03                             |
| West Virginia | Hardy County       | 54031 | R              | Methylene Chloride | 0.00E+00            | 0.00E+00                             | 1.63E+00            | 2.74E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.63E+00            | 2.74E-03                             |
| West Virginia | Harrison County    | 54033 | R              | Methylene Chloride | 8.86E-01            | 2.08E-03                             | 9.85E+00            | 2.32E-02                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.07E+01            | 2.53E-02                             |
| West Virginia | Jackson County     | 54035 | R              | Methylene Chloride | 0.00E+00            | 0.00E+00                             | 3.66E+00            | 7.63E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.66E+00            | 7.63E-03                             |
| West Virginia | Lewis County       | 54041 | R              | Methylene Chloride | 0.00E+00            | 0.00E+00                             | 7.43E+00            | 1.93E-02                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 7.43E+00            | 1.93E-02                             |
| West Virginia | Lincoln County     | 54043 | R              | Methylene Chloride | 0.00E+00            | 0.00E+00                             | 2.88E+00            | 6.64E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.88E+00            | 6.64E-03                             |
| West Virginia | Logan County       | 54045 | R              | Methylene Chloride | 0.00E+00            | 0.00E+00                             | 5.31E+00            | 1.18E-02                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.31E+00            | 1.18E-02                             |
| West Virginia | McDowell County    | 54047 | R              | Methylene Chloride | 0.00E+00            | 0.00E+00                             | 3.89E+00            | 7.38E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.89E+00            | 7.38E-03                             |
| West Virginia | Marion County      | 54049 | R              | Methylene Chloride | 2.06E-02            | 6.64E-05                             | 7.65E+00            | 2.47E-02                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 7.67E+00            | 2.48E-02                             |
| West Virginia | Marshall County    | 54051 | R              | Methylene Chloride | 1.02E+00            | 3.28E-03                             | 4.70E+00            | 1.51E-02                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.72E+00            | 1.84E-02                             |
| West Virginia | Mason County       | 54053 | R              | Methylene Chloride | 8.84E-01            | 2.08E-03                             | 3.40E+00            | 7.67E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.28E+00            | 9.67E-03                             |
| West Virginia | Mercer County      | 54055 | R              | Methylene Chloride | 0.00E+00            | 0.00E+00                             | 8.75E+00            | 2.06E-02                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 8.75E+00            | 2.06E-02                             |
| West Virginia | Mineral County     | 54057 | R              | Methylene Chloride | 0.00E+00            | 0.00E+00                             | 8.58E+00            | 2.66E-02                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 8.58E+00            | 2.66E-02                             |
| West Virginia | Mingo County       | 54059 | R              | Methylene Chloride | 0.00E+00            | 0.00E+00                             | 4.25E+00            | 9.78E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.25E+00            | 9.78E-03                             |
| West Virginia | Monongalia County  | 54061 | R              | Methylene Chloride | 0.00E+00            | 0.00E+00                             | 1.08E+01            | 2.99E-02                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.08E+01            | 2.99E-02                             |
| West Virginia | Monroe County      | 54063 | R              | Methylene Chloride | 0.00E+00            | 0.00E+00                             | 1.96E+00            | 4.12E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.96E+00            | 4.12E-03                             |
| West Virginia | Morgan County      | 54065 | R              | Methylene Chloride | 0.00E+00            | 0.00E+00                             | 2.25E+00            | 9.59E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.25E+00            | 9.59E-03                             |

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| State         | County             | FIPS  | Urban or Rural | Pollutant          | Major               |                                      | Area and Other      |                                      | Onroad Mobile       |                                      | Nonroad Mobile      |                                      | Total               |                                      |
|---------------|--------------------|-------|----------------|--------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|
|               |                    |       |                |                    | Emissions (tons/yr) | Emissions Density (tons/yr/sq. mile) |
| West Virginia | Nicholas County    | 54067 | R              | Methylene Chloride | 0.00E+00            | 0.00E+00                             | 3.64E+00            | 5.63E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.64E+00            | 5.63E-03                             |
| West Virginia | Pendleton County   | 54071 | R              | Methylene Chloride | 0.00E+00            | 0.00E+00                             | 1.07E+00            | 1.54E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.07E+00            | 1.54E-03                             |
| West Virginia | Pleasants County   | 54073 | R              | Methylene Chloride | 1.36E-01            | 9.63E-04                             | 9.77E-01            | 6.93E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.11E+00            | 7.89E-03                             |
| West Virginia | Pocahontas County  | 54075 | R              | Methylene Chloride | 0.00E+00            | 0.00E+00                             | 1.27E+00            | 1.35E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.27E+00            | 1.35E-03                             |
| West Virginia | Preston County     | 54077 | R              | Methylene Chloride | 8.77E-02            | 1.32E-04                             | 3.87E+00            | 5.85E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.96E+00            | 5.98E-03                             |
| West Virginia | Raleigh County     | 54081 | R              | Methylene Chloride | 0.00E+00            | 0.00E+00                             | 1.08E+01            | 1.77E-02                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.08E+01            | 1.77E-02                             |
| West Virginia | Randolph County    | 54083 | R              | Methylene Chloride | 0.00E+00            | 0.00E+00                             | 3.87E+00            | 3.71E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.87E+00            | 3.71E-03                             |
| West Virginia | Ritchie County     | 54085 | R              | Methylene Chloride | 0.00E+00            | 0.00E+00                             | 1.36E+00            | 3.08E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.36E+00            | 3.08E-03                             |
| West Virginia | Roane County       | 54087 | R              | Methylene Chloride | 0.00E+00            | 0.00E+00                             | 2.02E+00            | 4.12E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.02E+00            | 4.12E-03                             |
| West Virginia | Summers County     | 54089 | R              | Methylene Chloride | 0.00E+00            | 0.00E+00                             | 2.49E+00            | 6.96E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.49E+00            | 6.96E-03                             |
| West Virginia | Taylor County      | 54091 | R              | Methylene Chloride | 0.00E+00            | 0.00E+00                             | 2.05E+00            | 1.18E-02                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.05E+00            | 1.18E-02                             |
| West Virginia | Tucker County      | 54093 | R              | Methylene Chloride | 0.00E+00            | 0.00E+00                             | 1.19E+00            | 2.76E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.19E+00            | 2.76E-03                             |
| West Virginia | Tyler County       | 54095 | R              | Methylene Chloride | 1.15E-01            | 4.48E-04                             | 1.30E+00            | 5.08E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.42E+00            | 5.52E-03                             |
| West Virginia | Upshur County      | 54097 | R              | Methylene Chloride | 0.00E+00            | 0.00E+00                             | 3.17E+00            | 9.10E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.17E+00            | 9.10E-03                             |
| West Virginia | Webster County     | 54101 | R              | Methylene Chloride | 0.00E+00            | 0.00E+00                             | 1.34E+00            | 2.39E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.34E+00            | 2.39E-03                             |
| West Virginia | Wetzel County      | 54103 | R              | Methylene Chloride | 0.00E+00            | 0.00E+00                             | 2.71E+00            | 7.63E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.71E+00            | 7.63E-03                             |
| West Virginia | Wirt County        | 54105 | R              | Methylene Chloride | 0.00E+00            | 0.00E+00                             | 7.48E-01            | 3.31E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 7.48E-01            | 3.31E-03                             |
| West Virginia | Wyoming County     | 54109 | R              | Methylene Chloride | 0.00E+00            | 0.00E+00                             | 3.55E+00            | 6.97E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.55E+00            | 6.97E-03                             |
| West Virginia | All Rural Counties | N/A   | R              | Nickel Compounds   | 2.01E+01            | 9.54E-04                             | 2.01E+00            | 9.54E-05                             | 4.50E-02            | 2.13E-06                             | 2.04E-01            | 9.68E-06                             | 2.24E+01            | 1.06E-03                             |
| West Virginia | Barbour County     | 54001 | R              | Nickel Compounds   | 0.00E+00            | 0.00E+00                             | 7.34E-04            | 2.17E-06                             | 4.50E-04            | 1.33E-06                             | 5.59E-05            | 1.65E-07                             | 1.24E-03            | 3.66E-06                             |
| West Virginia | Boone County       | 54005 | R              | Nickel Compounds   | 0.00E+00            | 0.00E+00                             | 1.10E-03            | 2.16E-06                             | 8.25E-04            | 1.62E-06                             | 2.11E-04            | 4.14E-07                             | 2.13E-03            | 4.19E-06                             |
| West Virginia | Braxton County     | 54007 | R              | Nickel Compounds   | 0.00E+00            | 0.00E+00                             | 1.52E-03            | 2.94E-06                             | 1.54E-03            | 2.97E-06                             | 6.25E-05            | 1.21E-07                             | 3.12E-03            | 6.03E-06                             |
| West Virginia | Brooke County      | 54009 | R              | Nickel Compounds   | 4.01E-02            | 4.56E-04                             | 8.89E-04            | 1.01E-05                             | 7.45E-04            | 8.46E-06                             | 2.02E-02            | 2.29E-04                             | 6.19E-02            | 7.03E-04                             |
| West Virginia | Calhoun County     | 54013 | R              | Nickel Compounds   | 0.00E+00            | 0.00E+00                             | 8.30E-04            | 2.93E-06                             | 1.95E-04            | 6.89E-07                             | 2.57E-05            | 9.08E-08                             | 1.05E-03            | 3.71E-06                             |
| West Virginia | Clay County        | 54015 | R              | Nickel Compounds   | 0.00E+00            | 0.00E+00                             | 4.46E-04            | 1.29E-06                             | 4.40E-04            | 1.27E-06                             | 1.98E-05            | 5.73E-08                             | 9.06E-04            | 2.61E-06                             |
| West Virginia | Doddridge County   | 54017 | R              | Nickel Compounds   | 0.00E+00            | 0.00E+00                             | 7.94E-04            | 2.44E-06                             | 1.90E-04            | 5.85E-07                             | 3.27E-05            | 1.01E-07                             | 1.02E-03            | 3.13E-06                             |
| West Virginia | Fayette County     | 54019 | R              | Nickel Compounds   | 1.21E-02            | 1.77E-05                             | 4.93E-03            | 7.22E-06                             | 2.08E-03            | 3.05E-06                             | 8.67E-04            | 1.27E-06                             | 2.00E-02            | 2.92E-05                             |
| West Virginia | Gilmer County      | 54021 | R              | Nickel Compounds   | 0.00E+00            | 0.00E+00                             | 7.53E-04            | 2.22E-06                             | 1.80E-04            | 5.29E-07                             | 2.62E-05            | 7.71E-08                             | 9.60E-04            | 2.82E-06                             |
| West Virginia | Grant County       | 54023 | R              | Nickel Compounds   | 1.69E+01            | 3.52E-02                             | 4.49E-03            | 9.35E-06                             | 3.85E-04            | 8.01E-07                             | 7.00E-05            | 1.46E-07                             | 1.69E+01            | 3.52E-02                             |
| West Virginia | Greenbrier County  | 54025 | R              | Nickel Compounds   | 0.00E+00            | 0.00E+00                             | 5.63E-02            | 5.47E-05                             | 2.10E-03            | 2.10E-06                             | 2.16E-04            | 2.10E-07                             | 5.87E-02            | 5.70E-05                             |
| West Virginia | Hampshire County   | 54027 | R              | Nickel Compounds   | 0.00E+00            | 0.00E+00                             | 1.80E-03            | 2.81E-06                             | 4.85E-04            | 7.58E-07                             | 1.47E-04            | 2.30E-07                             | 2.43E-03            | 3.80E-06                             |
| West Virginia | Hardy County       | 54031 | R              | Nickel Compounds   | 9.23E-06            | 1.55E-08                             | 7.56E-03            | 1.27E-05                             | 4.25E-04            | 7.14E-07                             | 5.81E-05            | 9.75E-08                             | 8.06E-03            | 1.35E-05                             |
| West Virginia | Harrison County    | 54033 | R              | Nickel Compounds   | 7.37E-01            | 1.73E-03                             | 8.74E-03            | 2.06E-05                             | 3.04E-03            | 7.15E-06                             | 2.32E-04            | 5.45E-07                             | 7.49E-01            | 1.76E-03                             |
| West Virginia | Jackson County     | 54035 | R              | Nickel Compounds   | 0.00E+00            | 0.00E+00                             | 7.78E-03            | 1.62E-05                             | 1.94E-03            | 4.04E-06                             | 2.03E-02            | 4.23E-05                             | 3.00E-02            | 6.25E-05                             |
| West Virginia | Lewis County       | 54041 | R              | Nickel Compounds   | 0.00E+00            | 0.00E+00                             | 2.88E-03            | 7.48E-06                             | 1.15E-03            | 2.98E-06                             | 8.19E-05            | 2.13E-07                             | 4.10E-03            | 1.07E-05                             |
| West Virginia | Lincoln County     | 54043 | R              | Nickel Compounds   | 0.00E+00            | 0.00E+00                             | 6.36E-04            | 1.47E-06                             | 7.95E-04            | 1.83E-06                             | 5.32E-05            | 1.23E-07                             | 1.48E-03            | 3.42E-06                             |
| West Virginia | Logan County       | 54045 | R              | Nickel Compounds   | 0.00E+00            | 0.00E+00                             | 3.87E-03            | 8.60E-06                             | 1.33E-03            | 2.95E-06                             | 1.63E-04            | 3.62E-07                             | 5.36E-03            | 1.19E-05                             |
| West Virginia | McDowell County    | 54047 | R              | Nickel Compounds   | 0.00E+00            | 0.00E+00                             | 1.10E-03            | 2.08E-06                             | 9.50E-04            | 1.80E-06                             | 2.57E-03            | 4.88E-06                             | 4.61E-03            | 8.77E-06                             |
| West Virginia | Marion County      | 54049 | R              | Nickel Compounds   | 6.91E-03            | 2.23E-05                             | 1.63E-01            | 4.39E-04                             | 1.68E-03            | 5.41E-06                             | 1.51E-03            | 4.88E-06                             | 1.46E-01            | 4.71E-04                             |
| West Virginia | Marshall County    | 54051 | R              | Nickel Compounds   | 8.44E-01            | 2.71E-03                             | 4.79E-03            | 1.54E-05                             | 8.65E-04            | 2.78E-06                             | 2.03E-02            | 6.52E-05                             | 8.70E-01            | 2.80E-03                             |
| West Virginia | Mason County       | 54053 | R              | Nickel Compounds   | 6.95E-01            | 1.57E-03                             | 7.06E-03            | 1.60E-05                             | 7.30E-04            | 1.65E-06                             | 5.06E-02            | 1.14E-04                             | 7.54E-01            | 1.70E-03                             |
| West Virginia | Mercer County      | 54055 | R              | Nickel Compounds   | 0.00E+00            | 0.00E+00                             | 8.59E-03            | 2.02E-05                             | 3.01E-03            | 7.07E-06                             | 1.88E-04            | 4.41E-07                             | 1.18E-02            | 2.77E-05                             |
| West Virginia | Mineral County     | 54057 | R              | Nickel Compounds   | 0.00E+00            | 0.00E+00                             | 4.09E-04            | 1.27E-06                             | 8.50E-04            | 2.63E-06                             | 9.46E-05            | 2.93E-07                             | 1.35E-03            | 4.19E-06                             |
| West Virginia | Mingo County       | 54059 | R              | Nickel Compounds   | 0.00E+00            | 0.00E+00                             | 1.72E-03            | 3.96E-06                             | 7.50E-04            | 1.73E-06                             | 1.01E-02            | 2.32E-05                             | 1.25E-02            | 2.89E-05                             |
| West Virginia | Monongalia County  | 54061 | R              | Nickel Compounds   | 2.47E-01            | 6.80E-04                             | 9.10E-03            | 2.51E-05                             | 3.83E-03            | 1.05E-05                             | 3.79E-03            | 1.04E-05                             | 2.64E-01            | 7.26E-04                             |
| West Virginia | Monroe County      | 54063 | R              | Nickel Compounds   | 0.00E+00            | 0.00E+00                             | 1.38E-03            | 2.89E-06                             | 4.70E-04            | 9.87E-07                             | 8.75E-05            | 1.84E-07                             | 1.93E-03            | 4.06E-06                             |
| West Virginia | Morgan County      | 54065 | R              | Nickel Compounds   | 0.00E+00            | 0.00E+00                             | 1.11E-03            | 4.73E-06                             | 3.65E-04            | 1.56E-06                             | 1.16E-04            | 4.93E-07                             | 1.59E-03            | 6.78E-06                             |
| West Virginia | Nicholas County    | 54067 | R              | Nickel Compounds   | 0.00E+00            | 0.00E+00                             | 6.54E-03            | 1.01E-05                             | 7.55E-04            | 1.17E-06                             | 1.01E-04            | 1.57E-07                             | 7.40E-03            | 1.14E-05                             |
| West Virginia | Pendleton County   | 54071 | R              | Nickel Compounds   | 0.00E+00            | 0.00E+00                             | 2.29E-03            | 3.30E-06                             | 1.95E-04            | 2.81E-07                             | 4.76E-05            | 6.86E-08                             | 2.53E-03            | 3.65E-06                             |
| West Virginia | Pleasants County   | 54073 | R              | Nickel Compounds   | 5.72E-01            | 4.06E-03                             | 3.28E-03            | 2.32E-05                             | 1.90E-04            | 1.35E-06                             | 3.03E-02            | 2.15E-04                             | 6.06E-01            | 4.30E-03                             |
| West Virginia | Pocahontas County  | 54075 | R              | Nickel Compounds   | 0.00E+00            | 0.00E+00                             | 1.86E-03            | 1.97E-06                             | 3.10E-04            | 3.28E-07                             | 5.56E-05            | 5.88E-08                             | 2.23E-03            | 2.36E-06                             |
| West Virginia | Preston County     | 54077 | R              | Nickel Compounds   | 3.53E-02            | 5.33E-05                             | 1.44E+00            | 2.17E-03                             | 1.48E-03            | 2.23E-06                             | 1.24E-04            | 1.88E-07                             | 1.47E+00            | 2.22E-03                             |
| West Virginia | Raleigh County     | 54081 | R              | Nickel Compounds   | 0.00E+00            | 0.00E+00                             | 6.09E-02            | 1.00E-04                             | 4.13E-03            | 6.80E-06                             | 2.57E-04            | 4.23E-07                             | 6.53E-02            | 1.08E-04                             |
| West Virginia | Randolph County    | 54083 | R              | Nickel Compounds   | 0.00E+00            | 0.00E+00                             | 6.07E-03            | 5.82E-06                             | 9.55E-04            | 9.16E-07                             | 1.04E-04            | 9.97E-08                             | 7.13E-03            | 6.84E-06                             |

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| State         | County             | FIPS  | Urban or Rural | Pollutant         | Major               |                                      | Area and Other      |                                      | Onroad Mobile       |                                      | Nonroad Mobile      |                                      | Total               |                                      |
|---------------|--------------------|-------|----------------|-------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|
|               |                    |       |                |                   | Emissions (tons/yr) | Emissions Density (tons/yr/sq. mile) |
| West Virginia | Ritchie County     | 54085 | R              | Nickel Compounds  | 0.00E+00            | 0.00E+00                             | 2.97E-03            | 6.75E-06                             | 2.85E-04            | 6.47E-07                             | 3.85E-05            | 8.73E-08                             | 3.30E-03            | 7.48E-06                             |
| West Virginia | Roane County       | 54087 | R              | Nickel Compounds  | 0.00E+00            | 0.00E+00                             | 3.12E-03            | 6.36E-06                             | 8.30E-04            | 1.70E-06                             | 5.34E-05            | 1.09E-07                             | 4.00E-03            | 8.17E-06                             |
| West Virginia | Summers County     | 54089 | R              | Nickel Compounds  | 0.00E+00            | 0.00E+00                             | 5.98E-04            | 1.67E-06                             | 5.65E-04            | 1.58E-06                             | 9.46E-05            | 2.64E-07                             | 1.26E-03            | 3.51E-06                             |
| West Virginia | Taylor County      | 54091 | R              | Nickel Compounds  | 0.00E+00            | 0.00E+00                             | 1.58E-03            | 9.10E-06                             | 3.70E-04            | 2.13E-06                             | 5.27E-05            | 3.03E-07                             | 2.00E-03            | 1.15E-05                             |
| West Virginia | Tucker County      | 54093 | R              | Nickel Compounds  | 0.00E+00            | 0.00E+00                             | 1.62E-03            | 3.76E-06                             | 2.50E-04            | 5.79E-07                             | 2.59E-05            | 6.00E-08                             | 1.90E-03            | 4.39E-06                             |
| West Virginia | Tyler County       | 54095 | R              | Nickel Compounds  | 0.00E+00            | 0.00E+00                             | 3.30E-03            | 1.29E-05                             | 2.20E-04            | 8.57E-07                             | 2.02E-02            | 7.87E-05                             | 2.37E-02            | 9.24E-05                             |
| West Virginia | Upshur County      | 54097 | R              | Nickel Compounds  | 0.00E+00            | 0.00E+00                             | 3.50E-03            | 1.00E-05                             | 7.85E-04            | 2.25E-06                             | 8.81E-05            | 2.53E-07                             | 4.37E-03            | 1.26E-05                             |
| West Virginia | Webster County     | 54101 | R              | Nickel Compounds  | 0.00E+00            | 0.00E+00                             | 1.19E-03            | 2.14E-06                             | 1.70E-04            | 3.04E-07                             | 5.85E-05            | 1.05E-07                             | 1.42E-03            | 2.54E-06                             |
| West Virginia | Wetzel County      | 54103 | R              | Nickel Compounds  | 0.00E+00            | 0.00E+00                             | 8.06E-03            | 2.26E-05                             | 6.00E-04            | 1.69E-06                             | 2.03E-02            | 5.69E-05                             | 2.89E-02            | 8.13E-05                             |
| West Virginia | Wirt County        | 54105 | R              | Nickel Compounds  | 0.00E+00            | 0.00E+00                             | 7.07E-04            | 3.13E-06                             | 8.50E-05            | 3.76E-07                             | 4.66E-05            | 2.06E-07                             | 8.39E-04            | 3.71E-06                             |
| West Virginia | Wyoming County     | 54109 | R              | Nickel Compounds  | 0.00E+00            | 0.00E+00                             | 1.90E-01            | 3.73E-04                             | 9.50E-04            | 1.87E-06                             | 1.36E-04            | 2.67E-07                             | 1.91E-01            | 3.76E-04                             |
| West Virginia | All Rural Counties | N/A   | R              | Perchloroethylene | 5.46E-01            | 2.59E-05                             | 8.28E+01            | 3.93E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 8.33E+01            | 3.95E-03                             |
| West Virginia | Barbour County     | 54001 | R              | Perchloroethylene | 0.00E+00            | 0.00E+00                             | 3.94E-01            | 1.16E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.94E-01            | 1.16E-03                             |
| West Virginia | Boone County       | 54005 | R              | Perchloroethylene | 0.00E+00            | 0.00E+00                             | 1.20E+00            | 2.36E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.20E+00            | 2.36E-03                             |
| West Virginia | Braxton County     | 54007 | R              | Perchloroethylene | 0.00E+00            | 0.00E+00                             | 2.69E-01            | 5.20E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.69E-01            | 5.20E-04                             |
| West Virginia | Brooke County      | 54009 | R              | Perchloroethylene | 6.17E-03            | 7.01E-05                             | 2.19E+00            | 2.49E-02                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.20E+00            | 2.50E-02                             |
| West Virginia | Calhoun County     | 54013 | R              | Perchloroethylene | 0.00E+00            | 0.00E+00                             | 1.35E-01            | 4.78E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.35E-01            | 4.78E-04                             |
| West Virginia | Clay County        | 54015 | R              | Perchloroethylene | 0.00E+00            | 0.00E+00                             | 1.70E-01            | 4.90E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.70E-01            | 4.90E-04                             |
| West Virginia | Doddridge County   | 54017 | R              | Perchloroethylene | 0.00E+00            | 0.00E+00                             | 1.23E-01            | 3.80E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.23E-01            | 3.80E-04                             |
| West Virginia | Fayette County     | 54019 | R              | Perchloroethylene | 1.86E-03            | 2.73E-06                             | 2.46E+00            | 3.60E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.46E+00            | 3.60E-03                             |
| West Virginia | Gilmer County      | 54021 | R              | Perchloroethylene | 0.00E+00            | 0.00E+00                             | 8.95E-01            | 2.63E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 8.95E-01            | 2.63E-03                             |
| West Virginia | Grant County       | 54023 | R              | Perchloroethylene | 1.49E-01            | 3.11E-04                             | 2.06E-01            | 4.28E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.55E-01            | 7.40E-04                             |
| West Virginia | Greenbrier County  | 54025 | R              | Perchloroethylene | 0.00E+00            | 0.00E+00                             | 2.22E+00            | 2.16E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.22E+00            | 2.16E-03                             |
| West Virginia | Hampshire County   | 54027 | R              | Perchloroethylene | 0.00E+00            | 0.00E+00                             | 1.12E+00            | 1.75E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.12E+00            | 1.75E-03                             |
| West Virginia | Hardy County       | 54031 | R              | Perchloroethylene | 0.00E+00            | 0.00E+00                             | 2.70E-01            | 4.54E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.70E-01            | 4.54E-04                             |
| West Virginia | Harrison County    | 54033 | R              | Perchloroethylene | 1.31E-01            | 3.09E-04                             | 7.24E+00            | 1.70E-02                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 7.37E+00            | 1.74E-02                             |
| West Virginia | Jackson County     | 54035 | R              | Perchloroethylene | 0.00E+00            | 0.00E+00                             | 2.08E+00            | 4.33E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.08E+00            | 4.33E-03                             |
| West Virginia | Lewis County       | 54041 | R              | Perchloroethylene | 0.00E+00            | 0.00E+00                             | 1.09E+00            | 2.85E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.09E+00            | 2.85E-03                             |
| West Virginia | Lincoln County     | 54043 | R              | Perchloroethylene | 0.00E+00            | 0.00E+00                             | 3.58E-01            | 8.25E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.58E-01            | 8.25E-04                             |
| West Virginia | Logan County       | 54045 | R              | Perchloroethylene | 0.00E+00            | 0.00E+00                             | 7.24E-01            | 1.61E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 7.24E-01            | 1.61E-03                             |
| West Virginia | McDowell County    | 54047 | R              | Perchloroethylene | 0.00E+00            | 0.00E+00                             | 1.25E+00            | 2.37E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.25E+00            | 2.37E-03                             |
| West Virginia | Marion County      | 54049 | R              | Perchloroethylene | 3.05E-03            | 9.85E-06                             | 9.93E+00            | 3.21E-02                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 9.93E+00            | 3.21E-02                             |
| West Virginia | Marshall County    | 54051 | R              | Perchloroethylene | 1.08E-01            | 3.48E-04                             | 2.17E+00            | 6.97E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.28E+00            | 7.32E-03                             |
| West Virginia | Mason County       | 54053 | R              | Perchloroethylene | 1.31E-01            | 2.96E-04                             | 1.23E+00            | 2.79E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.37E+00            | 3.08E-03                             |
| West Virginia | Mercer County      | 54055 | R              | Perchloroethylene | 0.00E+00            | 0.00E+00                             | 2.05E+00            | 4.82E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.05E+00            | 4.82E-03                             |
| West Virginia | Mineral County     | 54057 | R              | Perchloroethylene | 0.00E+00            | 0.00E+00                             | 2.06E+00            | 6.39E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.06E+00            | 6.39E-03                             |
| West Virginia | Mingo County       | 54059 | R              | Perchloroethylene | 0.00E+00            | 0.00E+00                             | 2.15E+00            | 4.94E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.15E+00            | 4.94E-03                             |
| West Virginia | Monongalia County  | 54061 | R              | Perchloroethylene | 0.00E+00            | 0.00E+00                             | 1.61E+01            | 4.43E-02                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.61E+01            | 4.43E-02                             |
| West Virginia | Monroe County      | 54063 | R              | Perchloroethylene | 0.00E+00            | 0.00E+00                             | 3.32E-01            | 6.98E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.32E-01            | 6.98E-04                             |
| West Virginia | Morgan County      | 54065 | R              | Perchloroethylene | 0.00E+00            | 0.00E+00                             | 1.04E+00            | 4.42E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.04E+00            | 4.42E-03                             |
| West Virginia | Nicholas County    | 54067 | R              | Perchloroethylene | 0.00E+00            | 0.00E+00                             | 1.30E+00            | 2.01E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.30E+00            | 2.01E-03                             |
| West Virginia | Pendleton County   | 54071 | R              | Perchloroethylene | 0.00E+00            | 0.00E+00                             | 1.56E-01            | 2.25E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.56E-01            | 2.25E-04                             |
| West Virginia | Pleasants County   | 54073 | R              | Perchloroethylene | 1.78E-03            | 1.26E-05                             | 1.36E-01            | 9.62E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.37E-01            | 9.74E-04                             |
| West Virginia | Pocahontas County  | 54075 | R              | Perchloroethylene | 0.00E+00            | 0.00E+00                             | 2.16E-01            | 2.28E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.16E-01            | 2.28E-04                             |
| West Virginia | Preston County     | 54077 | R              | Perchloroethylene | 1.30E-02            | 1.96E-05                             | 2.05E+00            | 3.09E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.06E+00            | 3.11E-03                             |
| West Virginia | Raleigh County     | 54081 | R              | Perchloroethylene | 0.00E+00            | 0.00E+00                             | 6.46E+00            | 1.06E-02                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.46E+00            | 1.06E-02                             |
| West Virginia | Randolph County    | 54083 | R              | Perchloroethylene | 0.00E+00            | 0.00E+00                             | 2.14E+00            | 2.05E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.14E+00            | 2.05E-03                             |
| West Virginia | Ritchie County     | 54085 | R              | Perchloroethylene | 0.00E+00            | 0.00E+00                             | 1.95E-01            | 4.42E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.95E-01            | 4.42E-04                             |
| West Virginia | Roane County       | 54087 | R              | Perchloroethylene | 0.00E+00            | 0.00E+00                             | 1.05E+00            | 2.14E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.05E+00            | 2.14E-03                             |
| West Virginia | Summers County     | 54089 | R              | Perchloroethylene | 0.00E+00            | 0.00E+00                             | 1.37E+00            | 3.82E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.37E+00            | 3.82E-03                             |
| West Virginia | Taylor County      | 54091 | R              | Perchloroethylene | 0.00E+00            | 0.00E+00                             | 2.76E-01            | 1.59E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.76E-01            | 1.59E-03                             |
| West Virginia | Tucker County      | 54093 | R              | Perchloroethylene | 0.00E+00            | 0.00E+00                             | 2.39E-01            | 5.53E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.39E-01            | 5.53E-04                             |
| West Virginia | Tyler County       | 54095 | R              | Perchloroethylene | 0.00E+00            | 0.00E+00                             | 1.82E-01            | 7.09E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.82E-01            | 7.09E-04                             |
| West Virginia | Upshur County      | 54097 | R              | Perchloroethylene | 0.00E+00            | 0.00E+00                             | 2.03E+00            | 5.82E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.03E+00            | 5.82E-03                             |

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| State         | County             | FIPS  | Urban or Rural | Pollutant                 | Major               |                                      | Area and Other      |                                      | Onroad Mobile       |                                      | Nonroad Mobile      |                                      | Total               |                                      |
|---------------|--------------------|-------|----------------|---------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|
|               |                    |       |                |                           | Emissions (tons/yr) | Emissions Density (tons/yr/sq. mile) |
| West Virginia | Webster County     | 54101 | R              | Perchloroethylene         | 0.00E+00            | 0.00E+00                             | 1.77E-01            | 3.17E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.77E-01            | 3.17E-04                             |
| West Virginia | Wetzel County      | 54103 | R              | Perchloroethylene         | 0.00E+00            | 0.00E+00                             | 2.03E+00            | 5.69E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.03E+00            | 5.69E-03                             |
| West Virginia | Wirt County        | 54105 | R              | Perchloroethylene         | 0.00E+00            | 0.00E+00                             | 9.73E-02            | 4.31E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 9.73E-02            | 4.31E-04                             |
| West Virginia | Wyoming County     | 54109 | R              | Perchloroethylene         | 0.00E+00            | 0.00E+00                             | 1.22E+00            | 1.22E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.22E+00            | 2.40E-03                             |
| West Virginia | All Rural Counties | N/A   | R              | Polychlorinated Biphenyls | 0.00E+00            | 0.00E+00                             | 4.26E-01            | 2.02E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.26E-01            | 2.02E-05                             |
| West Virginia | Barbour County     | 54001 | R              | Polychlorinated Biphenyls | 0.00E+00            | 0.00E+00                             | 6.19E-03            | 1.83E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.19E-03            | 1.83E-05                             |
| West Virginia | Boone County       | 54005 | R              | Polychlorinated Biphenyls | 0.00E+00            | 0.00E+00                             | 1.12E-02            | 2.20E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.12E-02            | 2.20E-05                             |
| West Virginia | Braxton County     | 54007 | R              | Polychlorinated Biphenyls | 0.00E+00            | 0.00E+00                             | 6.39E-03            | 1.23E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.39E-03            | 1.23E-05                             |
| West Virginia | Brooke County      | 54009 | R              | Polychlorinated Biphenyls | 0.00E+00            | 0.00E+00                             | 5.74E-03            | 6.52E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.74E-03            | 6.52E-05                             |
| West Virginia | Calhoun County     | 54013 | R              | Polychlorinated Biphenyls | 0.00E+00            | 0.00E+00                             | 3.86E-03            | 1.37E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.86E-03            | 1.37E-05                             |
| West Virginia | Clay County        | 54015 | R              | Polychlorinated Biphenyls | 0.00E+00            | 0.00E+00                             | 5.13E-03            | 1.48E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.13E-03            | 1.48E-05                             |
| West Virginia | Doddridge County   | 54017 | R              | Polychlorinated Biphenyls | 0.00E+00            | 0.00E+00                             | 3.60E-03            | 1.11E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.60E-03            | 1.11E-05                             |
| West Virginia | Fayette County     | 54019 | R              | Polychlorinated Biphenyls | 0.00E+00            | 0.00E+00                             | 1.94E-02            | 2.84E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.94E-02            | 2.84E-05                             |
| West Virginia | Gilmer County      | 54021 | R              | Polychlorinated Biphenyls | 0.00E+00            | 0.00E+00                             | 3.46E-03            | 1.02E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.46E-03            | 1.02E-05                             |
| West Virginia | Grant County       | 54023 | R              | Polychlorinated Biphenyls | 0.00E+00            | 0.00E+00                             | 5.39E-03            | 1.12E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.39E-03            | 1.12E-05                             |
| West Virginia | Greenbrier County  | 54025 | R              | Polychlorinated Biphenyls | 0.00E+00            | 0.00E+00                             | 1.39E-02            | 1.36E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.39E-02            | 1.36E-05                             |
| West Virginia | Hampshire County   | 54027 | R              | Polychlorinated Biphenyls | 0.00E+00            | 0.00E+00                             | 9.39E-03            | 1.47E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 9.39E-03            | 1.47E-05                             |
| West Virginia | Hardy County       | 54031 | R              | Polychlorinated Biphenyls | 0.00E+00            | 0.00E+00                             | 5.80E-03            | 9.74E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.80E-03            | 9.74E-06                             |
| West Virginia | Harrison County    | 54033 | R              | Polychlorinated Biphenyls | 0.00E+00            | 0.00E+00                             | 2.06E-02            | 4.85E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.06E-02            | 4.85E-05                             |
| West Virginia | Jackson County     | 54035 | R              | Polychlorinated Biphenyls | 0.00E+00            | 0.00E+00                             | 9.88E-03            | 2.06E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 9.88E-03            | 2.06E-05                             |
| West Virginia | Lewis County       | 54041 | R              | Polychlorinated Biphenyls | 0.00E+00            | 0.00E+00                             | 6.00E-03            | 1.56E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.00E-03            | 1.56E-05                             |
| West Virginia | Lincoln County     | 54043 | R              | Polychlorinated Biphenyls | 0.00E+00            | 0.00E+00                             | 1.08E-02            | 2.49E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.08E-02            | 2.49E-05                             |
| West Virginia | Logan County       | 54045 | R              | Polychlorinated Biphenyls | 0.00E+00            | 0.00E+00                             | 1.79E-02            | 3.99E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.79E-02            | 3.99E-05                             |
| West Virginia | McDowell County    | 54047 | R              | Polychlorinated Biphenyls | 0.00E+00            | 0.00E+00                             | 1.29E-02            | 2.46E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.29E-02            | 2.46E-05                             |
| West Virginia | Marion County      | 54049 | R              | Polychlorinated Biphenyls | 0.00E+00            | 0.00E+00                             | 1.75E-02            | 5.65E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.75E-02            | 5.65E-05                             |
| West Virginia | Marshall County    | 54051 | R              | Polychlorinated Biphenyls | 0.00E+00            | 0.00E+00                             | 8.48E-03            | 2.73E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 8.48E-03            | 2.73E-05                             |
| West Virginia | Mason County       | 54053 | R              | Polychlorinated Biphenyls | 0.00E+00            | 0.00E+00                             | 1.01E-02            | 2.28E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.01E-02            | 2.28E-05                             |
| West Virginia | Mercer County      | 54055 | R              | Polychlorinated Biphenyls | 0.00E+00            | 0.00E+00                             | 2.16E-02            | 5.07E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.16E-02            | 5.07E-05                             |
| West Virginia | Mineral County     | 54057 | R              | Polychlorinated Biphenyls | 0.00E+00            | 0.00E+00                             | 8.74E-03            | 2.70E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 8.74E-03            | 2.70E-05                             |
| West Virginia | Mingo County       | 54059 | R              | Polychlorinated Biphenyls | 0.00E+00            | 0.00E+00                             | 1.34E-02            | 3.08E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.34E-02            | 3.08E-05                             |
| West Virginia | Monongalia County  | 54061 | R              | Polychlorinated Biphenyls | 0.00E+00            | 0.00E+00                             | 1.85E-02            | 5.11E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.85E-02            | 5.11E-05                             |
| West Virginia | Monroe County      | 54063 | R              | Polychlorinated Biphenyls | 0.00E+00            | 0.00E+00                             | 6.43E-03            | 1.35E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.43E-03            | 1.35E-05                             |
| West Virginia | Morgan County      | 54065 | R              | Polychlorinated Biphenyls | 0.00E+00            | 0.00E+00                             | 6.72E-03            | 2.86E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.72E-03            | 2.86E-05                             |
| West Virginia | Nicholas County    | 54067 | R              | Polychlorinated Biphenyls | 0.00E+00            | 0.00E+00                             | 1.06E-02            | 1.63E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.06E-02            | 1.63E-05                             |
| West Virginia | Pendleton County   | 54071 | R              | Polychlorinated Biphenyls | 0.00E+00            | 0.00E+00                             | 3.89E-03            | 5.61E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.89E-03            | 5.61E-06                             |
| West Virginia | Pleasants County   | 54073 | R              | Polychlorinated Biphenyls | 0.00E+00            | 0.00E+00                             | 3.64E-03            | 2.58E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.64E-03            | 2.58E-05                             |
| West Virginia | Pocahontas County  | 54075 | R              | Polychlorinated Biphenyls | 0.00E+00            | 0.00E+00                             | 4.39E-03            | 4.64E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.39E-03            | 4.64E-06                             |
| West Virginia | Preston County     | 54077 | R              | Polychlorinated Biphenyls | 0.00E+00            | 0.00E+00                             | 1.28E-02            | 1.93E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.28E-02            | 1.93E-05                             |
| West Virginia | Raleigh County     | 54081 | R              | Polychlorinated Biphenyls | 0.00E+00            | 0.00E+00                             | 2.76E-02            | 4.55E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.76E-02            | 4.55E-05                             |
| West Virginia | Randolph County    | 54083 | R              | Polychlorinated Biphenyls | 0.00E+00            | 0.00E+00                             | 1.02E-02            | 9.75E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.02E-02            | 9.75E-06                             |
| West Virginia | Ritchie County     | 54085 | R              | Polychlorinated Biphenyls | 0.00E+00            | 0.00E+00                             | 5.07E-03            | 1.15E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.07E-03            | 1.15E-05                             |
| West Virginia | Roane County       | 54087 | R              | Polychlorinated Biphenyls | 0.00E+00            | 0.00E+00                             | 7.46E-03            | 1.52E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 7.46E-03            | 1.52E-05                             |
| West Virginia | Summers County     | 54089 | R              | Polychlorinated Biphenyls | 0.00E+00            | 0.00E+00                             | 5.09E-03            | 1.42E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.09E-03            | 1.42E-05                             |
| West Virginia | Taylor County      | 54091 | R              | Polychlorinated Biphenyls | 0.00E+00            | 0.00E+00                             | 4.72E-03            | 2.72E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.72E-03            | 2.72E-05                             |
| West Virginia | Tucker County      | 54093 | R              | Polychlorinated Biphenyls | 0.00E+00            | 0.00E+00                             | 3.63E-03            | 8.42E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.63E-03            | 8.42E-06                             |
| West Virginia | Tyler County       | 54095 | R              | Polychlorinated Biphenyls | 0.00E+00            | 0.00E+00                             | 4.26E-03            | 1.66E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.26E-03            | 1.66E-05                             |
| West Virginia | Upshur County      | 54097 | R              | Polychlorinated Biphenyls | 0.00E+00            | 0.00E+00                             | 8.45E-03            | 2.42E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 8.45E-03            | 2.42E-05                             |
| West Virginia | Webster County     | 54101 | R              | Polychlorinated Biphenyls | 0.00E+00            | 0.00E+00                             | 4.85E-03            | 8.68E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.85E-03            | 8.68E-06                             |
| West Virginia | Wetzel County      | 54103 | R              | Polychlorinated Biphenyls | 0.00E+00            | 0.00E+00                             | 4.87E-03            | 1.37E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.87E-03            | 1.37E-05                             |
| West Virginia | Wirt County        | 54105 | R              | Polychlorinated Biphenyls | 0.00E+00            | 0.00E+00                             | 2.79E-03            | 1.23E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.79E-03            | 1.23E-05                             |
| West Virginia | Wyoming County     | 54109 | R              | Polychlorinated Biphenyls | 0.00E+00            | 0.00E+00                             | 1.31E-02            | 2.56E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.31E-02            | 2.56E-05                             |
| West Virginia | All Rural Counties | N/A   | R              | Polycyclic Organic Matter | 3.92E+01            | 1.86E-03                             | 1.63E+02            | 7.74E-03                             | 2.30E+01            | 1.09E-03                             | 3.93E+00            | 1.87E-04                             | 2.29E+02            | 1.09E-02                             |
| West Virginia | Barbour County     | 54001 | R              | Polycyclic Organic Matter | 0.00E+00            | 0.00E+00                             | 2.34E+00            | 6.91E-03                             | 2.33E-01            | 6.89E-04                             | 3.20E-02            | 9.46E-05                             | 2.60E+00            | 7.69E-03                             |
| West Virginia | Boone County       | 54005 | R              | Polycyclic Organic Matter | 0.00E+00            | 0.00E+00                             | 1.73E+00            | 3.39E-03                             | 4.20E-01            | 8.25E-04                             | 7.32E-02            | 1.44E-04                             | 2.22E+00            | 4.36E-03                             |

DRAFT FOR REVIEW ONLY

| State         | County             | FIPS  | Urban or Rural | Pollutant                 | Major               |                                      | Area and Other      |                                      | Onroad Mobile       |                                      | Nonroad Mobile      |                                      | Total               |                                      |
|---------------|--------------------|-------|----------------|---------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|
|               |                    |       |                |                           | Emissions (tons/yr) | Emissions Density (tons/yr/sq. mile) |
| West Virginia | Braxton County     | 54007 | R              | Polycyclic Organic Matter | 0.00E+00            | 0.00E+00                             | 3.38E+00            | 6.53E-03                             | 7.61E-01            | 1.47E-03                             | 3.42E-02            | 6.60E-05                             | 4.18E+00            | 8.07E-03                             |
| West Virginia | Brooke County      | 54009 | R              | Polycyclic Organic Matter | 3.68E+01            | 4.18E-01                             | 9.55E+00            | 1.08E-01                             | 4.00E-01            | 4.54E-03                             | 8.05E-02            | 9.14E-04                             | 4.69E+01            | 5.32E-01                             |
| West Virginia | Calhoun County     | 54013 | R              | Polycyclic Organic Matter | 0.00E+00            | 0.00E+00                             | 1.34E+00            | 4.74E-03                             | 1.02E-01            | 3.61E-04                             | 1.37E-02            | 4.86E-05                             | 1.46E+00            | 5.15E-03                             |
| West Virginia | Clay County        | 54015 | R              | Polycyclic Organic Matter | 0.00E+00            | 0.00E+00                             | 2.24E+00            | 6.47E-03                             | 2.20E-01            | 6.36E-04                             | 1.18E-02            | 3.41E-05                             | 2.47E+00            | 7.14E-03                             |
| West Virginia | Doddridge County   | 54017 | R              | Polycyclic Organic Matter | 0.00E+00            | 0.00E+00                             | 8.02E-01            | 2.47E-03                             | 1.02E-01            | 3.16E-04                             | 1.37E-02            | 4.22E-05                             | 9.19E-01            | 2.83E-03                             |
| West Virginia | Fayette County     | 54019 | R              | Polycyclic Organic Matter | 8.21E-04            | 1.20E-06                             | 4.75E+00            | 6.96E-03                             | 1.05E+00            | 1.54E-03                             | 1.41E-01            | 2.07E-04                             | 5.94E+00            | 8.71E-03                             |
| West Virginia | Gilmer County      | 54021 | R              | Polycyclic Organic Matter | 0.00E+00            | 0.00E+00                             | 8.60E-01            | 2.53E-03                             | 9.72E-02            | 2.86E-04                             | 2.00E-02            | 5.88E-05                             | 9.77E-01            | 2.87E-03                             |
| West Virginia | Grant County       | 54023 | R              | Polycyclic Organic Matter | 6.73E-02            | 1.40E-04                             | 3.25E+00            | 6.76E-03                             | 2.00E-01            | 4.16E-04                             | 5.40E-02            | 1.12E-04                             | 3.57E+00            | 7.43E-03                             |
| West Virginia | Greenbrier County  | 54025 | R              | Polycyclic Organic Matter | 0.00E+00            | 0.00E+00                             | 6.65E+00            | 6.46E-03                             | 1.07E+00            | 1.04E-03                             | 1.92E-01            | 1.87E-04                             | 7.91E+00            | 7.69E-03                             |
| West Virginia | Hampshire County   | 54027 | R              | Polycyclic Organic Matter | 0.00E+00            | 0.00E+00                             | 6.10E+00            | 9.53E-03                             | 2.49E-01            | 3.89E-04                             | 9.60E-02            | 1.50E-04                             | 6.44E+00            | 1.01E-02                             |
| West Virginia | Hardy County       | 54031 | R              | Polycyclic Organic Matter | 4.08E-08            | 6.85E-11                             | 4.22E+00            | 7.09E-03                             | 2.15E-01            | 3.62E-04                             | 3.12E-02            | 5.25E-05                             | 4.47E+00            | 7.51E-03                             |
| West Virginia | Harrison County    | 54033 | R              | Polycyclic Organic Matter | 5.81E-02            | 1.37E-04                             | 1.08E+01            | 2.53E-02                             | 1.57E+00            | 3.68E-03                             | 2.63E-01            | 6.18E-04                             | 1.26E+01            | 2.97E-02                             |
| West Virginia | Jackson County     | 54035 | R              | Polycyclic Organic Matter | 2.10E+00            | 4.36E-03                             | 4.12E+00            | 8.59E-03                             | 9.69E-01            | 2.02E-03                             | 1.23E-01            | 2.56E-04                             | 7.31E+00            | 1.52E-02                             |
| West Virginia | Lewis County       | 54041 | R              | Polycyclic Organic Matter | 0.00E+00            | 0.00E+00                             | 2.82E+00            | 7.32E-03                             | 5.72E-01            | 1.49E-03                             | 5.19E-02            | 1.35E-04                             | 3.44E+00            | 8.95E-03                             |
| West Virginia | Lincoln County     | 54043 | R              | Polycyclic Organic Matter | 0.00E+00            | 0.00E+00                             | 2.72E+00            | 6.28E-03                             | 4.02E-01            | 9.26E-04                             | 3.80E-02            | 8.76E-05                             | 3.16E+00            | 7.29E-03                             |
| West Virginia | Logan County       | 54045 | R              | Polycyclic Organic Matter | 0.00E+00            | 0.00E+00                             | 2.32E+00            | 5.15E-03                             | 6.71E-01            | 1.49E-03                             | 8.42E-02            | 1.87E-04                             | 3.07E+00            | 6.83E-03                             |
| West Virginia | McDowell County    | 54047 | R              | Polycyclic Organic Matter | 0.00E+00            | 0.00E+00                             | 1.69E+00            | 3.21E-03                             | 4.84E-01            | 9.19E-04                             | 1.01E-01            | 1.91E-04                             | 2.27E+00            | 4.32E-03                             |
| West Virginia | Marion County      | 54049 | R              | Polycyclic Organic Matter | 1.35E-03            | 4.36E-06                             | 3.24E+00            | 1.05E-02                             | 8.67E-01            | 2.80E-03                             | 8.41E-02            | 2.72E-04                             | 4.19E+00            | 1.35E-02                             |
| West Virginia | Marshall County    | 54051 | R              | Polycyclic Organic Matter | 5.04E-02            | 1.62E-04                             | 3.99E+00            | 1.28E-02                             | 4.61E-01            | 1.48E-03                             | 1.34E-01            | 4.30E-04                             | 4.63E+00            | 1.49E-02                             |
| West Virginia | Mason County       | 54053 | R              | Polycyclic Organic Matter | 5.88E-02            | 1.33E-04                             | 3.70E+00            | 8.35E-03                             | 3.80E-01            | 8.59E-04                             | 2.55E-01            | 5.76E-04                             | 4.39E+00            | 9.92E-03                             |
| West Virginia | Mercer County      | 54055 | R              | Polycyclic Organic Matter | 0.00E+00            | 0.00E+00                             | 6.50E+00            | 1.53E-02                             | 1.54E+00            | 3.61E-03                             | 1.81E-01            | 4.27E-04                             | 8.22E+00            | 1.93E-02                             |
| West Virginia | Mineral County     | 54057 | R              | Polycyclic Organic Matter | 0.00E+00            | 0.00E+00                             | 3.82E+00            | 1.18E-02                             | 4.53E-01            | 1.40E-03                             | 1.56E-01            | 4.84E-04                             | 4.43E+00            | 1.37E-02                             |
| West Virginia | Mingo County       | 54059 | R              | Polycyclic Organic Matter | 0.00E+00            | 0.00E+00                             | 2.25E+00            | 5.19E-03                             | 3.85E-01            | 8.86E-04                             | 1.46E-01            | 3.37E-04                             | 2.78E+00            | 6.41E-03                             |
| West Virginia | Monongalia County  | 54061 | R              | Polycyclic Organic Matter | 0.00E+00            | 0.00E+00                             | 4.97E+00            | 1.37E-02                             | 1.97E+00            | 5.42E-03                             | 3.11E-01            | 8.57E-04                             | 7.25E+00            | 2.00E-02                             |
| West Virginia | Monroe County      | 54063 | R              | Polycyclic Organic Matter | 0.00E+00            | 0.00E+00                             | 4.60E+00            | 9.66E-03                             | 2.39E-01            | 5.02E-04                             | 4.91E-02            | 1.03E-04                             | 4.89E+00            | 1.03E-02                             |
| West Virginia | Morgan County      | 54065 | R              | Polycyclic Organic Matter | 0.00E+00            | 0.00E+00                             | 3.69E+00            | 1.57E-02                             | 1.91E-01            | 8.15E-04                             | 6.99E-02            | 2.98E-04                             | 3.95E+00            | 1.68E-02                             |
| West Virginia | Nicholas County    | 54067 | R              | Polycyclic Organic Matter | 0.00E+00            | 0.00E+00                             | 5.35E+00            | 8.27E-03                             | 3.98E-01            | 6.16E-04                             | 7.65E-02            | 1.18E-04                             | 5.83E+00            | 9.00E-03                             |
| West Virginia | Pendleton County   | 54071 | R              | Polycyclic Organic Matter | 0.00E+00            | 0.00E+00                             | 3.34E+00            | 4.81E-03                             | 1.03E-01            | 1.48E-04                             | 1.94E-02            | 2.80E-05                             | 3.46E+00            | 4.99E-03                             |
| West Virginia | Pleasants County   | 54073 | R              | Polycyclic Organic Matter | 8.93E-04            | 6.33E-06                             | 7.77E-01            | 5.51E-03                             | 1.03E-01            | 7.33E-04                             | 1.23E-01            | 8.70E-04                             | 1.00E+00            | 7.12E-03                             |
| West Virginia | Pocahontas County  | 54075 | R              | Polycyclic Organic Matter | 0.00E+00            | 0.00E+00                             | 3.46E+00            | 3.66E-03                             | 1.63E-01            | 1.72E-04                             | 3.39E-02            | 3.59E-05                             | 3.66E+00            | 3.87E-03                             |
| West Virginia | Preston County     | 54077 | R              | Polycyclic Organic Matter | 5.76E-03            | 8.69E-06                             | 4.21E+00            | 6.35E-03                             | 7.41E-01            | 1.12E-03                             | 7.23E-02            | 1.09E-04                             | 5.03E+00            | 7.59E-03                             |
| West Virginia | Raleigh County     | 54081 | R              | Polycyclic Organic Matter | 0.00E+00            | 0.00E+00                             | 5.69E+00            | 9.38E-03                             | 2.09E+00            | 3.44E-03                             | 1.74E-01            | 2.86E-04                             | 7.95E+00            | 1.31E-02                             |
| West Virginia | Randolph County    | 54083 | R              | Polycyclic Organic Matter | 0.00E+00            | 0.00E+00                             | 7.54E+00            | 7.23E-03                             | 5.05E-01            | 4.84E-04                             | 7.91E-02            | 7.59E-05                             | 8.12E+00            | 7.79E-03                             |
| West Virginia | Ritchie County     | 54085 | R              | Polycyclic Organic Matter | 0.00E+00            | 0.00E+00                             | 1.13E+00            | 2.56E-03                             | 1.44E-01            | 3.27E-04                             | 2.14E-02            | 4.87E-05                             | 1.29E+00            | 2.93E-03                             |
| West Virginia | Roane County       | 54087 | R              | Polycyclic Organic Matter | 0.00E+00            | 0.00E+00                             | 2.47E+00            | 5.05E-03                             | 4.18E-01            | 8.55E-04                             | 2.92E-02            | 5.96E-05                             | 2.92E+00            | 5.96E-03                             |
| West Virginia | Summers County     | 54089 | R              | Polycyclic Organic Matter | 0.00E+00            | 0.00E+00                             | 2.96E+00            | 8.28E-03                             | 2.82E-01            | 7.88E-04                             | 5.20E-02            | 1.45E-04                             | 3.30E+00            | 9.22E-03                             |
| West Virginia | Taylor County      | 54091 | R              | Polycyclic Organic Matter | 0.00E+00            | 0.00E+00                             | 1.64E+00            | 9.42E-03                             | 1.98E-01            | 1.14E-03                             | 3.18E-02            | 1.83E-04                             | 1.87E+00            | 1.07E-02                             |
| West Virginia | Tucker County      | 54093 | R              | Polycyclic Organic Matter | 0.00E+00            | 0.00E+00                             | 1.81E+00            | 4.19E-03                             | 1.35E-01            | 3.12E-04                             | 1.47E-02            | 3.41E-05                             | 1.96E+00            | 4.53E-03                             |
| West Virginia | Tyler County       | 54095 | R              | Polycyclic Organic Matter | 0.00E+00            | 0.00E+00                             | 1.83E+00            | 5.39E-03                             | 1.22E-01            | 4.76E-04                             | 8.39E-02            | 3.27E-04                             | 1.59E+00            | 6.19E-03                             |
| West Virginia | Upshur County      | 54097 | R              | Polycyclic Organic Matter | 0.00E+00            | 0.00E+00                             | 4.01E+00            | 1.15E-02                             | 4.15E-01            | 1.19E-03                             | 6.46E-02            | 1.85E-04                             | 4.49E+00            | 1.29E-02                             |
| West Virginia | Webster County     | 54101 | R              | Polycyclic Organic Matter | 0.00E+00            | 0.00E+00                             | 2.52E+00            | 4.51E-03                             | 8.62E-02            | 1.54E-04                             | 3.31E-02            | 5.93E-05                             | 2.64E+00            | 4.73E-03                             |
| West Virginia | Wetzel County      | 54103 | R              | Polycyclic Organic Matter | 0.00E+00            | 0.00E+00                             | 2.39E+00            | 6.72E-03                             | 3.16E-01            | 8.89E-04                             | 1.02E-01            | 2.85E-04                             | 2.81E+00            | 7.90E-03                             |
| West Virginia | Wirt County        | 54105 | R              | Polycyclic Organic Matter | 0.00E+00            | 0.00E+00                             | 1.32E+00            | 5.85E-03                             | 4.95E-02            | 2.19E-04                             | 2.15E-02            | 9.51E-05                             | 1.39E+00            | 6.17E-03                             |
| West Virginia | Wyoming County     | 54109 | R              | Polycyclic Organic Matter | 0.00E+00            | 0.00E+00                             | 2.79E+00            | 5.48E-03                             | 4.85E-01            | 9.53E-04                             | 5.99E-02            | 1.18E-04                             | 3.34E+00            | 6.55E-03                             |
| West Virginia | All Rural Counties | N/A   | R              | 7-PAH                     | 1.21E-01            | 5.75E-06                             | 5.88E+00            | 2.79E-04                             | 1.77E-01            | 8.41E-06                             | 6.40E-02            | 3.04E-06                             | 6.24E+00            | 2.96E-04                             |
| West Virginia | Barbour County     | 54001 | R              | 7-PAH                     | 0.00E+00            | 0.00E+00                             | 8.17E-02            | 2.42E-04                             | 1.76E-03            | 5.19E-06                             | 5.96E-04            | 1.76E-06                             | 8.41E-02            | 2.48E-04                             |
| West Virginia | Boone County       | 54005 | R              | 7-PAH                     | 0.00E+00            | 0.00E+00                             | 1.58E-01            | 3.10E-04                             | 3.32E-03            | 6.50E-06                             | 6.24E-04            | 1.22E-06                             | 1.62E-01            | 3.18E-04                             |
| West Virginia | Braxton County     | 54007 | R              | 7-PAH                     | 0.00E+00            | 0.00E+00                             | 1.29E-01            | 2.48E-04                             | 6.26E-03            | 1.21E-05                             | 6.66E-04            | 1.28E-06                             | 1.63E-01            | 2.62E-04                             |
| West Virginia | Brooke County      | 54009 | R              | 7-PAH                     | 5.58E-05            | 6.33E-07                             | 3.98E-02            | 4.52E-04                             | 2.78E-03            | 3.16E-05                             | 2.61E-03            | 2.97E-05                             | 4.52E-02            | 5.14E-04                             |
| West Virginia | Calhoun County     | 54013 | R              | 7-PAH                     | 0.00E+00            | 0.00E+00                             | 7.30E-02            | 2.58E-04                             | 7.35E-04            | 2.60E-06                             | 1.16E-04            | 4.10E-07                             | 7.38E-02            | 2.61E-04                             |
| West Virginia | Clay County        | 54015 | R              | 7-PAH                     | 0.00E+00            | 0.00E+00                             | 9.67E-02            | 2.79E-04                             | 1.73E-03            | 5.00E-06                             | 2.99E-04            | 8.65E-07                             | 9.87E-02            | 2.85E-04                             |
| West Virginia | Doddridge County   | 54017 | R              | 7-PAH                     | 0.00E+00            | 0.00E+00                             | 8.32E-02            | 2.56E-04                             | 7.20E-04            | 2.22E-06                             | 1.05E-04            | 3.25E-07                             | 8.40E-02            | 2.59E-04                             |
| West Virginia | Fayette County     | 54019 | R              | 7-PAH                     | 1.68E-05            | 2.46E-08                             | 2.16E-01            | 3.16E-04                             | 8.28E-03            | 1.21E-05                             | 2.11E-03            | 3.09E-06                             | 2.26E-01            | 3.31E-04                             |
| West Virginia | Gilmer County      | 54021 | R              | 7-PAH                     | 0.00E+00            | 0.00E+00                             | 8.17E-02            | 2.40E-04                             | 6.60E-04            | 1.94E-06                             | 1.44E-04            | 4.22E-07                             | 8.25E-02            | 2.42E-04                             |

DRAFT FOR REVIEW ONLY

| State         | County             | FIPS  | Urban or Rural | Pollutant            | Major               |                                      | Area and Other      |                                      | Onroad Mobile       |                                      | Nonroad Mobile      |                                      | Total               |                                      |
|---------------|--------------------|-------|----------------|----------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|
|               |                    |       |                |                      | Emissions (tons/yr) | Emissions Density (tons/yr/sq. mile) |
| West Virginia | Grant County       | 54023 | R              | 7-PAH                | 1.36E-03            | 2.84E-06                             | 1.12E-01            | 2.32E-04                             | 1.51E-03            | 3.14E-06                             | 9.54E-04            | 1.99E-06                             | 1.15E-01            | 2.40E-04                             |
| West Virginia | Greenbrier County  | 54025 | R              | 7-PAH                | 0.00E+00            | 0.00E+00                             | 2.46E-01            | 2.39E-04                             | 8.76E-03            | 8.52E-06                             | 2.15E-03            | 2.09E-06                             | 2.57E-01            | 2.49E-04                             |
| West Virginia | Hampshire County   | 54027 | R              | 7-PAH                | 0.00E+00            | 0.00E+00                             | 1.65E-01            | 2.57E-04                             | 1.95E-03            | 3.04E-06                             | 1.25E-03            | 1.95E-06                             | 1.68E-01            | 2.62E-04                             |
| West Virginia | Hardy County       | 54031 | R              | 7-PAH                | 3.78E-10            | 6.34E-13                             | 1.36E-01            | 2.29E-04                             | 1.68E-03            | 2.82E-06                             | 3.41E-04            | 5.72E-07                             | 1.38E-01            | 2.32E-04                             |
| West Virginia | Harrison County    | 54033 | R              | 7-PAH                | 1.19E-03            | 2.79E-06                             | 1.49E-01            | 3.51E-04                             | 1.17E-02            | 2.75E-05                             | 1.99E-03            | 4.67E-06                             | 1.64E-01            | 3.86E-04                             |
| West Virginia | Jackson County     | 54035 | R              | 7-PAH                | 1.16E-01            | 2.42E-04                             | 1.26E-01            | 2.62E-04                             | 7.91E-03            | 1.65E-05                             | 3.62E-03            | 7.54E-06                             | 2.54E-01            | 5.28E-04                             |
| West Virginia | Lewis County       | 54041 | R              | 7-PAH                | 0.00E+00            | 0.00E+00                             | 1.00E-01            | 2.60E-04                             | 4.58E-03            | 1.19E-05                             | 5.20E-04            | 1.35E-06                             | 1.05E-01            | 2.73E-04                             |
| West Virginia | Lincoln County     | 54043 | R              | 7-PAH                | 0.00E+00            | 0.00E+00                             | 1.40E-01            | 3.22E-04                             | 3.21E-03            | 7.39E-06                             | 4.72E-04            | 1.09E-06                             | 1.44E-01            | 3.31E-04                             |
| West Virginia | Logan County       | 54045 | R              | 7-PAH                | 0.00E+00            | 0.00E+00                             | 1.78E-01            | 3.95E-04                             | 5.39E-03            | 1.20E-05                             | 8.23E-04            | 1.83E-06                             | 1.48E-01            | 4.09E-04                             |
| West Virginia | McDowell County    | 54047 | R              | 7-PAH                | 0.00E+00            | 0.00E+00                             | 1.76E-01            | 3.34E-04                             | 3.86E-03            | 7.33E-06                             | 1.20E-03            | 2.28E-06                             | 1.81E-01            | 3.43E-04                             |
| West Virginia | Marion County      | 54049 | R              | 7-PAH                | 2.76E-05            | 8.91E-08                             | 1.29E-01            | 4.16E-04                             | 6.32E-03            | 2.04E-05                             | 1.08E-03            | 3.49E-06                             | 1.36E-01            | 4.39E-04                             |
| West Virginia | Marshall County    | 54051 | R              | 7-PAH                | 9.80E-04            | 3.15E-06                             | 8.85E-02            | 2.84E-04                             | 3.37E-03            | 1.08E-05                             | 3.98E-03            | 1.28E-05                             | 9.68E-02            | 3.11E-04                             |
| West Virginia | Mason County       | 54053 | R              | 7-PAH                | 1.19E-03            | 2.69E-06                             | 1.09E-01            | 2.47E-04                             | 2.99E-03            | 6.75E-06                             | 7.81E-03            | 1.76E-05                             | 1.21E-01            | 2.74E-04                             |
| West Virginia | Mercer County      | 54055 | R              | 7-PAH                | 0.00E+00            | 0.00E+00                             | 1.68E-01            | 3.95E-04                             | 1.19E-02            | 2.80E-05                             | 1.63E-03            | 3.83E-06                             | 1.81E-01            | 4.27E-04                             |
| West Virginia | Mineral County     | 54057 | R              | 7-PAH                | 0.00E+00            | 0.00E+00                             | 1.00E-01            | 3.10E-04                             | 3.22E-03            | 9.96E-06                             | 1.24E-03            | 3.85E-06                             | 1.05E-01            | 3.24E-04                             |
| West Virginia | Mingo County       | 54059 | R              | 7-PAH                | 0.00E+00            | 0.00E+00                             | 1.50E-01            | 3.45E-04                             | 3.05E-03            | 7.03E-06                             | 2.46E-03            | 5.66E-06                             | 1.55E-01            | 3.58E-04                             |
| West Virginia | Monongalia County  | 54061 | R              | 7-PAH                | 0.00E+00            | 0.00E+00                             | 1.42E-01            | 3.91E-04                             | 1.46E-02            | 4.01E-05                             | 3.18E-03            | 8.74E-06                             | 1.60E-01            | 4.40E-04                             |
| West Virginia | Monroe County      | 54063 | R              | 7-PAH                | 0.00E+00            | 0.00E+00                             | 1.04E-01            | 2.19E-04                             | 1.84E-03            | 3.86E-06                             | 4.49E-04            | 9.43E-07                             | 1.07E-01            | 2.24E-04                             |
| West Virginia | Morgan County      | 54065 | R              | 7-PAH                | 0.00E+00            | 0.00E+00                             | 7.03E-02            | 3.00E-04                             | 1.50E-03            | 6.39E-06                             | 8.28E-04            | 3.53E-06                             | 7.26E-02            | 3.10E-04                             |
| West Virginia | Nicholas County    | 54067 | R              | 7-PAH                | 0.00E+00            | 0.00E+00                             | 1.78E-01            | 2.74E-04                             | 3.13E-03            | 4.83E-06                             | 1.64E-03            | 2.54E-06                             | 1.82E-01            | 2.82E-04                             |
| West Virginia | Pendleton County   | 54071 | R              | 7-PAH                | 0.00E+00            | 0.00E+00                             | 1.53E-01            | 2.20E-04                             | 7.35E-04            | 1.06E-06                             | 1.39E-04            | 2.00E-07                             | 1.54E-01            | 2.21E-04                             |
| West Virginia | Pleasants County   | 54073 | R              | 7-PAH                | 1.61E-05            | 1.14E-07                             | 3.86E-02            | 2.74E-04                             | 7.65E-04            | 5.43E-06                             | 3.75E-03            | 2.66E-05                             | 4.31E-02            | 3.06E-04                             |
| West Virginia | Pocahontas County  | 54075 | R              | 7-PAH                | 0.00E+00            | 0.00E+00                             | 2.04E-01            | 2.16E-04                             | 1.22E-03            | 1.29E-06                             | 5.13E-04            | 5.43E-07                             | 2.06E-01            | 2.18E-04                             |
| West Virginia | Preston County     | 54077 | R              | 7-PAH                | 1.18E-04            | 1.78E-07                             | 1.69E-01            | 2.55E-04                             | 5.98E-03            | 9.03E-06                             | 1.06E-03            | 1.60E-06                             | 1.76E-01            | 2.65E-04                             |
| West Virginia | Raleigh County     | 54081 | R              | 7-PAH                | 0.00E+00            | 0.00E+00                             | 2.38E-01            | 3.92E-04                             | 1.63E-02            | 2.68E-05                             | 1.80E-03            | 2.97E-06                             | 2.56E-01            | 4.22E-04                             |
| West Virginia | Randolph County    | 54083 | R              | 7-PAH                | 0.00E+00            | 0.00E+00                             | 2.60E-01            | 2.49E-04                             | 3.76E-03            | 3.61E-06                             | 7.93E-04            | 7.61E-07                             | 2.64E-01            | 2.54E-04                             |
| West Virginia | Ritchie County     | 54085 | R              | 7-PAH                | 0.00E+00            | 0.00E+00                             | 1.12E-01            | 2.53E-04                             | 1.07E-03            | 2.42E-06                             | 1.54E-04            | 3.49E-07                             | 1.13E-01            | 2.56E-04                             |
| West Virginia | Roane County       | 54087 | R              | 7-PAH                | 0.00E+00            | 0.00E+00                             | 1.24E-01            | 2.54E-04                             | 3.38E-03            | 6.89E-06                             | 2.09E-04            | 4.28E-07                             | 1.28E-01            | 2.61E-04                             |
| West Virginia | Summers County     | 54089 | R              | 7-PAH                | 0.00E+00            | 0.00E+00                             | 8.64E-02            | 2.41E-04                             | 2.19E-03            | 6.12E-06                             | 1.58E-03            | 4.40E-06                             | 9.02E-02            | 2.52E-04                             |
| West Virginia | Taylor County      | 54091 | R              | 7-PAH                | 0.00E+00            | 0.00E+00                             | 4.71E-02            | 2.71E-04                             | 1.33E-03            | 7.63E-06                             | 7.32E-04            | 4.21E-06                             | 4.92E-02            | 2.83E-04                             |
| West Virginia | Tucker County      | 54093 | R              | 7-PAH                | 0.00E+00            | 0.00E+00                             | 1.00E-01            | 2.33E-04                             | 9.95E-04            | 2.31E-06                             | 4.34E-04            | 1.00E-06                             | 1.02E-01            | 2.36E-04                             |
| West Virginia | Tyler County       | 54095 | R              | 7-PAH                | 0.00E+00            | 0.00E+00                             | 7.22E-02            | 2.81E-04                             | 8.85E-04            | 3.45E-06                             | 2.85E-03            | 1.11E-05                             | 7.60E-02            | 2.96E-04                             |
| West Virginia | Upshur County      | 54097 | R              | 7-PAH                | 0.00E+00            | 0.00E+00                             | 1.01E-01            | 2.91E-04                             | 3.04E-03            | 8.71E-06                             | 6.52E-04            | 1.87E-06                             | 1.05E-01            | 3.01E-04                             |
| West Virginia | Webster County     | 54101 | R              | 7-PAH                | 0.00E+00            | 0.00E+00                             | 1.42E-01            | 2.55E-04                             | 6.30E-04            | 1.13E-06                             | 2.51E-04            | 4.48E-07                             | 1.43E-01            | 2.56E-04                             |
| West Virginia | Wetzel County      | 54103 | R              | 7-PAH                | 0.00E+00            | 0.00E+00                             | 9.27E-02            | 2.61E-04                             | 2.21E-03            | 6.20E-06                             | 3.21E-03            | 9.01E-06                             | 9.81E-02            | 2.76E-04                             |
| West Virginia | Wirt County        | 54105 | R              | 7-PAH                | 0.00E+00            | 0.00E+00                             | 5.36E-02            | 2.37E-04                             | 3.15E-04            | 1.39E-06                             | 4.05E-04            | 1.79E-06                             | 5.43E-02            | 2.40E-04                             |
| West Virginia | Wyoming County     | 54109 | R              | 7-PAH                | 0.00E+00            | 0.00E+00                             | 1.64E-01            | 3.22E-04                             | 3.86E-03            | 7.58E-06                             | 6.09E-04            | 1.20E-06                             | 1.68E-01            | 3.31E-04                             |
| West Virginia | All Rural Counties | N/A   | R              | Propylene Dichloride | 0.00E+00            | 0.00E+00                             | 5.78E-01            | 2.74E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.78E-01            | 2.74E-05                             |
| West Virginia | Barbour County     | 54001 | R              | Propylene Dichloride | 0.00E+00            | 0.00E+00                             | 4.86E-05            | 1.44E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.86E-05            | 1.44E-07                             |
| West Virginia | Boone County       | 54005 | R              | Propylene Dichloride | 0.00E+00            | 0.00E+00                             | 8.01E-05            | 1.57E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 8.01E-05            | 1.57E-07                             |
| West Virginia | Braxton County     | 54007 | R              | Propylene Dichloride | 0.00E+00            | 0.00E+00                             | 2.31E-04            | 4.45E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.31E-04            | 4.45E-07                             |
| West Virginia | Brooke County      | 54009 | R              | Propylene Dichloride | 0.00E+00            | 0.00E+00                             | 8.30E-03            | 9.42E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 8.30E-03            | 9.42E-05                             |
| West Virginia | Calhoun County     | 54013 | R              | Propylene Dichloride | 0.00E+00            | 0.00E+00                             | 2.43E-05            | 8.59E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.43E-05            | 8.59E-08                             |
| West Virginia | Clay County        | 54015 | R              | Propylene Dichloride | 0.00E+00            | 0.00E+00                             | 3.23E-05            | 9.32E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.23E-05            | 9.32E-08                             |
| West Virginia | Doddridge County   | 54017 | R              | Propylene Dichloride | 0.00E+00            | 0.00E+00                             | 2.27E-05            | 6.98E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.27E-05            | 6.98E-08                             |
| West Virginia | Fayette County     | 54019 | R              | Propylene Dichloride | 0.00E+00            | 0.00E+00                             | 2.44E-03            | 3.58E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.44E-03            | 3.58E-06                             |
| West Virginia | Gilmer County      | 54021 | R              | Propylene Dichloride | 0.00E+00            | 0.00E+00                             | 2.17E-05            | 6.39E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.17E-05            | 6.39E-08                             |
| West Virginia | Grant County       | 54023 | R              | Propylene Dichloride | 0.00E+00            | 0.00E+00                             | 3.39E-05            | 7.06E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.39E-05            | 7.06E-08                             |
| West Virginia | Greenbrier County  | 54025 | R              | Propylene Dichloride | 0.00E+00            | 0.00E+00                             | 7.80E-04            | 7.58E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 7.80E-04            | 7.58E-07                             |
| West Virginia | Hampshire County   | 54027 | R              | Propylene Dichloride | 0.00E+00            | 0.00E+00                             | 2.14E-04            | 3.35E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.14E-04            | 3.35E-07                             |
| West Virginia | Hardy County       | 54031 | R              | Propylene Dichloride | 0.00E+00            | 0.00E+00                             | 3.65E-05            | 6.13E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.65E-05            | 6.13E-08                             |
| West Virginia | Harrison County    | 54033 | R              | Propylene Dichloride | 0.00E+00            | 0.00E+00                             | 1.18E-02            | 2.78E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.18E-02            | 2.78E-05                             |
| West Virginia | Jackson County     | 54035 | R              | Propylene Dichloride | 0.00E+00            | 0.00E+00                             | 8.61E-05            | 1.79E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 8.61E-05            | 1.79E-07                             |
| West Virginia | Lewis County       | 54041 | R              | Propylene Dichloride | 0.00E+00            | 0.00E+00                             | 5.32E-05            | 1.38E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.32E-05            | 1.38E-07                             |

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| State         | County             | FIPS  | Urban or Rural | Pollutant            | Major               |                                      | Area and Other      |                                      | Onroad Mobile       |                                      | Nonroad Mobile      |                                      | Total               |                                      |
|---------------|--------------------|-------|----------------|----------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|
|               |                    |       |                |                      | Emissions (tons/yr) | Emissions Density (tons/yr/sq. mile) |
| West Virginia | Lincoln County     | 54043 | R              | Propylene Dichloride | 0.00E+00            | 0.00E+00                             | 6.80E-05            | 1.57E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.80E-05            | 1.57E-07                             |
| West Virginia | Logan County       | 54045 | R              | Propylene Dichloride | 0.00E+00            | 0.00E+00                             | 7.87E-04            | 1.75E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 7.87E-04            | 1.75E-06                             |
| West Virginia | McDowell County    | 54047 | R              | Propylene Dichloride | 0.00E+00            | 0.00E+00                             | 6.07E-04            | 1.15E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.07E-04            | 1.15E-06                             |
| West Virginia | Marion County      | 54049 | R              | Propylene Dichloride | 0.00E+00            | 0.00E+00                             | 2.20E-03            | 7.10E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.20E-03            | 7.10E-06                             |
| West Virginia | Marshall County    | 54051 | R              | Propylene Dichloride | 0.00E+00            | 0.00E+00                             | 1.06E-04            | 3.42E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.06E-04            | 3.42E-07                             |
| West Virginia | Mason County       | 54053 | R              | Propylene Dichloride | 0.00E+00            | 0.00E+00                             | 5.00E-01            | 1.13E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.00E-01            | 1.13E-03                             |
| West Virginia | Mercer County      | 54055 | R              | Propylene Dichloride | 0.00E+00            | 0.00E+00                             | 4.92E-03            | 1.16E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.92E-03            | 1.16E-05                             |
| West Virginia | Mineral County     | 54057 | R              | Propylene Dichloride | 0.00E+00            | 0.00E+00                             | 8.24E-05            | 2.55E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 8.24E-05            | 2.55E-07                             |
| West Virginia | Monongalia County  | 54059 | R              | Propylene Dichloride | 0.00E+00            | 0.00E+00                             | 3.55E-03            | 8.17E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.55E-03            | 8.17E-06                             |
| West Virginia | Monongalia County  | 54061 | R              | Propylene Dichloride | 0.00E+00            | 0.00E+00                             | 2.94E-03            | 8.09E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.94E-03            | 8.09E-06                             |
| West Virginia | Monroe County      | 54063 | R              | Propylene Dichloride | 0.00E+00            | 0.00E+00                             | 2.97E-03            | 6.24E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.97E-03            | 6.24E-06                             |
| West Virginia | Morgan County      | 54065 | R              | Propylene Dichloride | 0.00E+00            | 0.00E+00                             | 2.64E-04            | 1.12E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.64E-04            | 1.12E-06                             |
| West Virginia | Nicholas County    | 54067 | R              | Propylene Dichloride | 0.00E+00            | 0.00E+00                             | 1.22E-03            | 1.89E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.22E-03            | 1.89E-06                             |
| West Virginia | Pendleton County   | 54071 | R              | Propylene Dichloride | 0.00E+00            | 0.00E+00                             | 2.45E-05            | 3.53E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.45E-05            | 3.53E-08                             |
| West Virginia | Pleasants County   | 54073 | R              | Propylene Dichloride | 0.00E+00            | 0.00E+00                             | 2.29E-05            | 1.62E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.29E-05            | 1.62E-07                             |
| West Virginia | Pocahontas County  | 54075 | R              | Propylene Dichloride | 0.00E+00            | 0.00E+00                             | 1.04E-03            | 1.10E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.04E-03            | 1.10E-06                             |
| West Virginia | Preston County     | 54077 | R              | Propylene Dichloride | 0.00E+00            | 0.00E+00                             | 9.07E-05            | 1.37E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 9.07E-05            | 1.37E-07                             |
| West Virginia | Raleigh County     | 54081 | R              | Propylene Dichloride | 0.00E+00            | 0.00E+00                             | 4.95E-03            | 8.15E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.95E-03            | 8.15E-06                             |
| West Virginia | Randolph County    | 54083 | R              | Propylene Dichloride | 0.00E+00            | 0.00E+00                             | 1.08E-03            | 1.04E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.08E-03            | 1.04E-06                             |
| West Virginia | Ritchie County     | 54085 | R              | Propylene Dichloride | 0.00E+00            | 0.00E+00                             | 4.78E-05            | 1.08E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.78E-05            | 1.08E-07                             |
| West Virginia | Roane County       | 54087 | R              | Propylene Dichloride | 0.00E+00            | 0.00E+00                             | 4.69E-05            | 9.58E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.69E-05            | 9.58E-08                             |
| West Virginia | Summers County     | 54089 | R              | Propylene Dichloride | 0.00E+00            | 0.00E+00                             | 1.23E-02            | 3.44E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.23E-02            | 3.44E-05                             |
| West Virginia | Taylor County      | 54091 | R              | Propylene Dichloride | 0.00E+00            | 0.00E+00                             | 1.42E-04            | 8.18E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.42E-04            | 8.18E-07                             |
| West Virginia | Tucker County      | 54093 | R              | Propylene Dichloride | 0.00E+00            | 0.00E+00                             | 3.27E-03            | 7.57E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.27E-03            | 7.57E-06                             |
| West Virginia | Tyler County       | 54095 | R              | Propylene Dichloride | 0.00E+00            | 0.00E+00                             | 2.96E-05            | 1.15E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.96E-05            | 1.15E-07                             |
| West Virginia | Upshur County      | 54097 | R              | Propylene Dichloride | 0.00E+00            | 0.00E+00                             | 7.57E-04            | 2.17E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 7.57E-04            | 2.17E-06                             |
| West Virginia | Webster County     | 54101 | R              | Propylene Dichloride | 0.00E+00            | 0.00E+00                             | 3.15E-04            | 5.63E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.15E-04            | 5.63E-07                             |
| West Virginia | Wetzel County      | 54103 | R              | Propylene Dichloride | 0.00E+00            | 0.00E+00                             | 9.08E-03            | 2.55E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 9.08E-03            | 2.55E-05                             |
| West Virginia | Wirt County        | 54105 | R              | Propylene Dichloride | 0.00E+00            | 0.00E+00                             | 1.75E-05            | 7.76E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.75E-05            | 7.76E-08                             |
| West Virginia | Wyoming County     | 54109 | R              | Propylene Dichloride | 0.00E+00            | 0.00E+00                             | 6.83E-04            | 1.34E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.83E-04            | 1.34E-06                             |
| West Virginia | All Rural Counties | N/A   | R              | Quinoline            | 4.08E-01            | 1.93E-05                             | 1.05E-01            | 5.00E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.13E-01            | 2.43E-05                             |
| West Virginia | Barbour County     | 54001 | R              | Quinoline            | 0.00E+00            | 0.00E+00                             |
| West Virginia | Boone County       | 54005 | R              | Quinoline            | 0.00E+00            | 0.00E+00                             |
| West Virginia | Braxton County     | 54007 | R              | Quinoline            | 0.00E+00            | 0.00E+00                             |
| West Virginia | Brooke County      | 54009 | R              | Quinoline            | 4.08E-01            | 4.63E-03                             | 1.05E-01            | 1.19E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.13E-01            | 5.82E-03                             |
| West Virginia | Calhoun County     | 54013 | R              | Quinoline            | 0.00E+00            | 0.00E+00                             |
| West Virginia | Clay County        | 54015 | R              | Quinoline            | 0.00E+00            | 0.00E+00                             |
| West Virginia | Doddridge County   | 54017 | R              | Quinoline            | 0.00E+00            | 0.00E+00                             |
| West Virginia | Fayette County     | 54019 | R              | Quinoline            | 0.00E+00            | 0.00E+00                             |
| West Virginia | Gilmer County      | 54021 | R              | Quinoline            | 0.00E+00            | 0.00E+00                             |
| West Virginia | Grant County       | 54023 | R              | Quinoline            | 0.00E+00            | 0.00E+00                             |
| West Virginia | Greenbrier County  | 54025 | R              | Quinoline            | 0.00E+00            | 0.00E+00                             |
| West Virginia | Hampshire County   | 54027 | R              | Quinoline            | 0.00E+00            | 0.00E+00                             |
| West Virginia | Hardy County       | 54031 | R              | Quinoline            | 0.00E+00            | 0.00E+00                             |
| West Virginia | Harrison County    | 54033 | R              | Quinoline            | 0.00E+00            | 0.00E+00                             | 1.82E-06            | 4.28E-09                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.82E-06            | 4.28E-09                             |
| West Virginia | Jackson County     | 54035 | R              | Quinoline            | 0.00E+00            | 0.00E+00                             |
| West Virginia | Lewis County       | 54041 | R              | Quinoline            | 0.00E+00            | 0.00E+00                             |
| West Virginia | Lincoln County     | 54043 | R              | Quinoline            | 0.00E+00            | 0.00E+00                             |
| West Virginia | Logan County       | 54045 | R              | Quinoline            | 0.00E+00            | 0.00E+00                             |
| West Virginia | McDowell County    | 54047 | R              | Quinoline            | 0.00E+00            | 0.00E+00                             |
| West Virginia | Marion County      | 54049 | R              | Quinoline            | 0.00E+00            | 0.00E+00                             |
| West Virginia | Marshall County    | 54051 | R              | Quinoline            | 0.00E+00            | 0.00E+00                             |
| West Virginia | Mason County       | 54053 | R              | Quinoline            | 0.00E+00            | 0.00E+00                             |
| West Virginia | Mercer County      | 54055 | R              | Quinoline            | 0.00E+00            | 0.00E+00                             |

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| State         | County             | FIPS  | Urban or Rural | Pollutant                 | Major               |                                      | Area and Other      |                                      | Onroad Mobile       |                                      | Nonroad Mobile      |                                      | Total               |                                      |
|---------------|--------------------|-------|----------------|---------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|
|               |                    |       |                |                           | Emissions (tons/yr) | Emissions Density (tons/yr/sq. mile) |
| West Virginia | Mineral County     | 54057 | R              | Quinoline                 | 0.00E+00            | 0.00E+00                             |
| West Virginia | Mingo County       | 54059 | R              | Quinoline                 | 0.00E+00            | 0.00E+00                             |
| West Virginia | Monongalia County  | 54061 | R              | Quinoline                 | 0.00E+00            | 0.00E+00                             | 3.18E-05            | 8.76E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.18E-05            | 8.76E-08                             |
| West Virginia | Monroe County      | 54063 | R              | Quinoline                 | 0.00E+00            | 0.00E+00                             |
| West Virginia | Morgan County      | 54065 | R              | Quinoline                 | 0.00E+00            | 0.00E+00                             |
| West Virginia | Nicholas County    | 54067 | R              | Quinoline                 | 0.00E+00            | 0.00E+00                             |
| West Virginia | Pendleton County   | 54071 | R              | Quinoline                 | 0.00E+00            | 0.00E+00                             |
| West Virginia | Pleasants County   | 54073 | R              | Quinoline                 | 0.00E+00            | 0.00E+00                             |
| West Virginia | Pocahontas County  | 54075 | R              | Quinoline                 | 0.00E+00            | 0.00E+00                             | 1.82E-06            | 1.92E-09                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.82E-06            | 1.92E-09                             |
| West Virginia | Preston County     | 54077 | R              | Quinoline                 | 0.00E+00            | 0.00E+00                             |
| West Virginia | Raleigh County     | 54081 | R              | Quinoline                 | 0.00E+00            | 0.00E+00                             |
| West Virginia | Randolph County    | 54083 | R              | Quinoline                 | 0.00E+00            | 0.00E+00                             |
| West Virginia | Ritchie County     | 54085 | R              | Quinoline                 | 0.00E+00            | 0.00E+00                             | 1.82E-06            | 4.12E-09                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.82E-06            | 4.12E-09                             |
| West Virginia | Roane County       | 54087 | R              | Quinoline                 | 0.00E+00            | 0.00E+00                             |
| West Virginia | Summers County     | 54089 | R              | Quinoline                 | 0.00E+00            | 0.00E+00                             |
| West Virginia | Taylor County      | 54091 | R              | Quinoline                 | 0.00E+00            | 0.00E+00                             | 1.09E-05            | 6.28E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.09E-05            | 6.28E-08                             |
| West Virginia | Tucker County      | 54093 | R              | Quinoline                 | 0.00E+00            | 0.00E+00                             | 3.36E-05            | 7.79E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.36E-05            | 7.79E-08                             |
| West Virginia | Tyler County       | 54095 | R              | Quinoline                 | 0.00E+00            | 0.00E+00                             |
| West Virginia | Upshur County      | 54097 | R              | Quinoline                 | 0.00E+00            | 0.00E+00                             |
| West Virginia | Webster County     | 54101 | R              | Quinoline                 | 0.00E+00            | 0.00E+00                             |
| West Virginia | Wetzel County      | 54103 | R              | Quinoline                 | 0.00E+00            | 0.00E+00                             | 3.18E-04            | 8.94E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.18E-04            | 8.94E-07                             |
| West Virginia | Wirt County        | 54105 | R              | Quinoline                 | 0.00E+00            | 0.00E+00                             |
| West Virginia | Wyoming County     | 54109 | R              | Quinoline                 | 0.00E+00            | 0.00E+00                             |
| West Virginia | All Rural Counties | N/A   | R              | 1,1,2,2-Tetrachloroethane | 0.00E+00            | 0.00E+00                             | 6.60E-01            | 3.13E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.60E-01            | 3.13E-05                             |
| West Virginia | Barbour County     | 54001 | R              | 1,1,2,2-Tetrachloroethane | 0.00E+00            | 0.00E+00                             | 7.62E-06            | 2.25E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 7.62E-06            | 2.25E-08                             |
| West Virginia | Boone County       | 54005 | R              | 1,1,2,2-Tetrachloroethane | 0.00E+00            | 0.00E+00                             | 1.25E-05            | 2.46E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.25E-05            | 2.46E-08                             |
| West Virginia | Braxton County     | 54007 | R              | 1,1,2,2-Tetrachloroethane | 0.00E+00            | 0.00E+00                             | 1.75E-03            | 3.38E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.75E-03            | 3.38E-06                             |
| West Virginia | Brooke County      | 54009 | R              | 1,1,2,2-Tetrachloroethane | 0.00E+00            | 0.00E+00                             | 7.44E-02            | 8.45E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 7.44E-02            | 8.45E-04                             |
| West Virginia | Calhoun County     | 54013 | R              | 1,1,2,2-Tetrachloroethane | 0.00E+00            | 0.00E+00                             | 3.81E-06            | 1.35E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.81E-06            | 1.35E-08                             |
| West Virginia | Clay County        | 54015 | R              | 1,1,2,2-Tetrachloroethane | 0.00E+00            | 0.00E+00                             | 5.06E-06            | 1.46E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.06E-06            | 1.46E-08                             |
| West Virginia | Doddridge County   | 54017 | R              | 1,1,2,2-Tetrachloroethane | 0.00E+00            | 0.00E+00                             | 3.55E-06            | 1.09E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.55E-06            | 1.09E-08                             |
| West Virginia | Fayette County     | 54019 | R              | 1,1,2,2-Tetrachloroethane | 0.00E+00            | 0.00E+00                             | 2.11E-02            | 3.09E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.11E-02            | 3.09E-05                             |
| West Virginia | Gilmer County      | 54021 | R              | 1,1,2,2-Tetrachloroethane | 0.00E+00            | 0.00E+00                             | 3.41E-06            | 1.00E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.41E-06            | 1.00E-08                             |
| West Virginia | Grant County       | 54023 | R              | 1,1,2,2-Tetrachloroethane | 0.00E+00            | 0.00E+00                             | 5.31E-06            | 1.11E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.31E-06            | 1.11E-08                             |
| West Virginia | Greenbrier County  | 54025 | R              | 1,1,2,2-Tetrachloroethane | 0.00E+00            | 0.00E+00                             | 6.18E-03            | 6.01E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.18E-03            | 6.01E-06                             |
| West Virginia | Hampshire County   | 54027 | R              | 1,1,2,2-Tetrachloroethane | 0.00E+00            | 0.00E+00                             | 1.43E-03            | 2.24E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.43E-03            | 2.24E-06                             |
| West Virginia | Hardy County       | 54031 | R              | 1,1,2,2-Tetrachloroethane | 0.00E+00            | 0.00E+00                             | 5.72E-06            | 9.60E-09                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.72E-06            | 9.60E-09                             |
| West Virginia | Harrison County    | 54033 | R              | 1,1,2,2-Tetrachloroethane | 0.00E+00            | 0.00E+00                             | 1.16E-01            | 2.73E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.16E-01            | 2.73E-04                             |
| West Virginia | Jackson County     | 54035 | R              | 1,1,2,2-Tetrachloroethane | 0.00E+00            | 0.00E+00                             | 1.35E-05            | 2.81E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.35E-05            | 2.81E-08                             |
| West Virginia | Lewis County       | 54041 | R              | 1,1,2,2-Tetrachloroethane | 0.00E+00            | 0.00E+00                             | 8.33E-06            | 2.16E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 8.33E-06            | 2.16E-08                             |
| West Virginia | Lincoln County     | 54043 | R              | 1,1,2,2-Tetrachloroethane | 0.00E+00            | 0.00E+00                             | 1.07E-05            | 2.46E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.07E-05            | 2.46E-08                             |
| West Virginia | Logan County       | 54045 | R              | 1,1,2,2-Tetrachloroethane | 0.00E+00            | 0.00E+00                             | 6.11E-03            | 1.36E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.11E-03            | 1.36E-05                             |
| West Virginia | McDowell County    | 54047 | R              | 1,1,2,2-Tetrachloroethane | 0.00E+00            | 0.00E+00                             | 4.76E-03            | 9.03E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.76E-03            | 9.03E-06                             |
| West Virginia | Marion County      | 54049 | R              | 1,1,2,2-Tetrachloroethane | 0.00E+00            | 0.00E+00                             | 1.86E-02            | 6.01E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.86E-02            | 6.01E-05                             |
| West Virginia | Marshall County    | 54051 | R              | 1,1,2,2-Tetrachloroethane | 0.00E+00            | 0.00E+00                             | 1.67E-05            | 5.36E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.67E-05            | 5.36E-08                             |
| West Virginia | Mason County       | 54053 | R              | 1,1,2,2-Tetrachloroethane | 0.00E+00            | 0.00E+00                             | 1.24E-05            | 2.80E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.24E-05            | 2.80E-08                             |
| West Virginia | Mercer County      | 54055 | R              | 1,1,2,2-Tetrachloroethane | 0.00E+00            | 0.00E+00                             | 4.33E-02            | 1.02E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.33E-02            | 1.02E-04                             |
| West Virginia | Mineral County     | 54057 | R              | 1,1,2,2-Tetrachloroethane | 0.00E+00            | 0.00E+00                             | 1.29E-05            | 3.99E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.29E-05            | 3.99E-08                             |
| West Virginia | Mingo County       | 54059 | R              | 1,1,2,2-Tetrachloroethane | 0.00E+00            | 0.00E+00                             | 3.16E-02            | 7.29E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.16E-02            | 7.29E-05                             |
| West Virginia | Monongalia County  | 54061 | R              | 1,1,2,2-Tetrachloroethane | 0.00E+00            | 0.00E+00                             | 2.23E-02            | 6.13E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.23E-02            | 6.13E-05                             |
| West Virginia | Monroe County      | 54063 | R              | 1,1,2,2-Tetrachloroethane | 0.00E+00            | 0.00E+00                             | 2.69E-02            | 5.64E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.69E-02            | 5.64E-05                             |
| West Virginia | Morgan County      | 54065 | R              | 1,1,2,2-Tetrachloroethane | 0.00E+00            | 0.00E+00                             | 2.04E-03            | 8.68E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.04E-03            | 8.68E-06                             |
| West Virginia | Nicholas County    | 54067 | R              | 1,1,2,2-Tetrachloroethane | 0.00E+00            | 0.00E+00                             | 1.05E-02            | 1.62E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.05E-02            | 1.62E-05                             |
| West Virginia | Pendleton County   | 54071 | R              | 1,1,2,2-Tetrachloroethane | 0.00E+00            | 0.00E+00                             | 3.83E-06            | 5.53E-09                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.83E-06            | 5.53E-09                             |

DRAFT FOR REVIEW ONLY

| State         | County             | FIPS  | Urban or Rural | Pollutant                 | Major               |                                      | Area and Other      |                                      | Onroad Mobile       |                                      | Nonroad Mobile      |                                      | Total               |                                      |
|---------------|--------------------|-------|----------------|---------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|
|               |                    |       |                |                           | Emissions (tons/yr) | Emissions Density (tons/yr/sq. mile) |
| West Virginia | Pleasants County   | 54073 | R              | 1,1,2,2-Tetrachloroethane | 0.00E+00            | 0.00E+00                             | 3.58E-06            | 2.54E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.58E-06            | 2.54E-08                             |
| West Virginia | Pocahontas County  | 54075 | R              | 1,1,2,2-Tetrachloroethane | 0.00E+00            | 0.00E+00                             | 9.14E-03            | 9.68E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 9.14E-03            | 9.68E-06                             |
| West Virginia | Preston County     | 54077 | R              | 1,1,2,2-Tetrachloroethane | 0.00E+00            | 0.00E+00                             | 1.42E-05            | 2.15E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.42E-05            | 2.15E-08                             |
| West Virginia | Raleigh County     | 54081 | R              | 1,1,2,2-Tetrachloroethane | 0.00E+00            | 0.00E+00                             | 4.32E-02            | 7.11E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.32E-02            | 7.11E-05                             |
| West Virginia | Randolph County    | 54083 | R              | 1,1,2,2-Tetrachloroethane | 0.00E+00            | 0.00E+00                             | 9.11E-03            | 8.74E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 9.11E-03            | 8.74E-06                             |
| West Virginia | Ritchie County     | 54085 | R              | 1,1,2,2-Tetrachloroethane | 0.00E+00            | 0.00E+00                             | 5.07E-06            | 1.15E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.07E-06            | 1.15E-08                             |
| West Virginia | Roane County       | 54087 | R              | 1,1,2,2-Tetrachloroethane | 0.00E+00            | 0.00E+00                             | 7.35E-06            | 1.50E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 7.35E-06            | 1.50E-08                             |
| West Virginia | Summers County     | 54089 | R              | 1,1,2,2-Tetrachloroethane | 0.00E+00            | 0.00E+00                             | 1.12E-01            | 3.14E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.12E-01            | 3.14E-04                             |
| West Virginia | Taylor County      | 54091 | R              | 1,1,2,2-Tetrachloroethane | 0.00E+00            | 0.00E+00                             | 7.78E-06            | 4.48E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 7.78E-06            | 4.48E-08                             |
| West Virginia | Tucker County      | 54093 | R              | 1,1,2,2-Tetrachloroethane | 0.00E+00            | 0.00E+00                             | 2.70E-02            | 6.26E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.70E-02            | 6.26E-05                             |
| West Virginia | Tyler County       | 54095 | R              | 1,1,2,2-Tetrachloroethane | 0.00E+00            | 0.00E+00                             | 4.63E-06            | 1.80E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.63E-06            | 1.80E-08                             |
| West Virginia | Upshur County      | 54097 | R              | 1,1,2,2-Tetrachloroethane | 0.00E+00            | 0.00E+00                             | 6.29E-03            | 1.81E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.29E-03            | 1.81E-05                             |
| West Virginia | Webster County     | 54101 | R              | 1,1,2,2-Tetrachloroethane | 0.00E+00            | 0.00E+00                             | 2.61E-03            | 4.66E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.61E-03            | 4.66E-06                             |
| West Virginia | Wetzel County      | 54103 | R              | 1,1,2,2-Tetrachloroethane | 0.00E+00            | 0.00E+00                             | 5.82E-02            | 1.63E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.82E-02            | 1.63E-04                             |
| West Virginia | Wirt County        | 54105 | R              | 1,1,2,2-Tetrachloroethane | 0.00E+00            | 0.00E+00                             | 2.75E-06            | 1.22E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.75E-06            | 1.22E-08                             |
| West Virginia | Wyoming County     | 54109 | R              | 1,1,2,2-Tetrachloroethane | 0.00E+00            | 0.00E+00                             | 5.52E-03            | 1.08E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.52E-03            | 1.08E-05                             |
| West Virginia | All Rural Counties | N/A   | R              | Trichloroethylene         | 0.00E+00            | 0.00E+00                             | 1.44E+01            | 6.81E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.44E+01            | 6.81E-04                             |
| West Virginia | Barbour County     | 54001 | R              | Trichloroethylene         | 0.00E+00            | 0.00E+00                             | 1.22E-01            | 3.60E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.22E-01            | 3.60E-04                             |
| West Virginia | Boone County       | 54005 | R              | Trichloroethylene         | 0.00E+00            | 0.00E+00                             | 1.55E-01            | 3.04E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.55E-01            | 3.04E-04                             |
| West Virginia | Braxton County     | 54007 | R              | Trichloroethylene         | 0.00E+00            | 0.00E+00                             | 1.48E-01            | 2.87E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.48E-01            | 2.87E-04                             |
| West Virginia | Brooke County      | 54009 | R              | Trichloroethylene         | 0.00E+00            | 0.00E+00                             | 5.06E-01            | 5.74E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.06E-01            | 5.74E-03                             |
| West Virginia | Calhoun County     | 54013 | R              | Trichloroethylene         | 0.00E+00            | 0.00E+00                             | 6.83E-02            | 2.41E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.83E-02            | 2.41E-04                             |
| West Virginia | Clay County        | 54015 | R              | Trichloroethylene         | 0.00E+00            | 0.00E+00                             | 4.46E-02            | 1.29E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.46E-02            | 1.29E-04                             |
| West Virginia | Doddridge County   | 54017 | R              | Trichloroethylene         | 0.00E+00            | 0.00E+00                             | 3.82E-02            | 1.18E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.82E-02            | 1.18E-04                             |
| West Virginia | Fayette County     | 54019 | R              | Trichloroethylene         | 0.00E+00            | 0.00E+00                             | 4.63E-01            | 6.79E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.63E-01            | 6.79E-04                             |
| West Virginia | Gilmer County      | 54021 | R              | Trichloroethylene         | 0.00E+00            | 0.00E+00                             | 5.00E-02            | 1.47E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.00E-02            | 1.47E-04                             |
| West Virginia | Grant County       | 54023 | R              | Trichloroethylene         | 0.00E+00            | 0.00E+00                             | 1.19E-01            | 2.49E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.19E-01            | 2.49E-04                             |
| West Virginia | Greenbrier County  | 54025 | R              | Trichloroethylene         | 0.00E+00            | 0.00E+00                             | 4.85E-01            | 4.72E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.85E-01            | 4.72E-04                             |
| West Virginia | Hampshire County   | 54027 | R              | Trichloroethylene         | 0.00E+00            | 0.00E+00                             | 1.32E-01            | 2.06E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.32E-01            | 2.06E-04                             |
| West Virginia | Hardy County       | 54031 | R              | Trichloroethylene         | 0.00E+00            | 0.00E+00                             | 2.71E-01            | 4.55E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.71E-01            | 4.55E-04                             |
| West Virginia | Harrison County    | 54033 | R              | Trichloroethylene         | 0.00E+00            | 0.00E+00                             | 1.31E+00            | 3.09E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.31E+00            | 3.09E-03                             |
| West Virginia | Jackson County     | 54035 | R              | Trichloroethylene         | 0.00E+00            | 0.00E+00                             | 3.85E-01            | 8.03E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.85E-01            | 8.03E-04                             |
| West Virginia | Lewis County       | 54041 | R              | Trichloroethylene         | 0.00E+00            | 0.00E+00                             | 2.28E-01            | 5.93E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.28E-01            | 5.93E-04                             |
| West Virginia | Lincoln County     | 54043 | R              | Trichloroethylene         | 0.00E+00            | 0.00E+00                             | 7.77E-02            | 1.79E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 7.77E-02            | 1.79E-04                             |
| West Virginia | Logan County       | 54045 | R              | Trichloroethylene         | 0.00E+00            | 0.00E+00                             | 4.56E-01            | 1.01E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.56E-01            | 1.01E-03                             |
| West Virginia | McDowell County    | 54047 | R              | Trichloroethylene         | 0.00E+00            | 0.00E+00                             | 1.69E-01            | 3.21E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.69E-01            | 3.21E-04                             |
| West Virginia | Marion County      | 54049 | R              | Trichloroethylene         | 0.00E+00            | 0.00E+00                             | 7.09E-01            | 2.29E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 7.09E-01            | 2.29E-03                             |
| West Virginia | Marshall County    | 54051 | R              | Trichloroethylene         | 0.00E+00            | 0.00E+00                             | 3.04E-01            | 9.78E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.04E-01            | 9.78E-04                             |
| West Virginia | Mason County       | 54053 | R              | Trichloroethylene         | 0.00E+00            | 0.00E+00                             | 2.38E-01            | 5.38E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.38E-01            | 5.38E-04                             |
| West Virginia | Mercer County      | 54055 | R              | Trichloroethylene         | 0.00E+00            | 0.00E+00                             | 9.74E-01            | 2.29E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 9.74E-01            | 2.29E-03                             |
| West Virginia | Mineral County     | 54057 | R              | Trichloroethylene         | 0.00E+00            | 0.00E+00                             | 2.89E-01            | 8.95E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.89E-01            | 8.95E-04                             |
| West Virginia | Mingo County       | 54059 | R              | Trichloroethylene         | 0.00E+00            | 0.00E+00                             | 2.89E-01            | 6.67E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.89E-01            | 6.67E-04                             |
| West Virginia | Monongalia County  | 54061 | R              | Trichloroethylene         | 0.00E+00            | 0.00E+00                             | 1.47E+00            | 4.06E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.47E+00            | 4.06E-03                             |
| West Virginia | Monroe County      | 54063 | R              | Trichloroethylene         | 0.00E+00            | 0.00E+00                             | 1.35E-01            | 2.83E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.35E-01            | 2.83E-04                             |
| West Virginia | Morgan County      | 54065 | R              | Trichloroethylene         | 0.00E+00            | 0.00E+00                             | 1.18E-01            | 5.02E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.18E-01            | 5.02E-04                             |
| West Virginia | Nicholas County    | 54067 | R              | Trichloroethylene         | 0.00E+00            | 0.00E+00                             | 3.28E-01            | 5.07E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.28E-01            | 5.07E-04                             |
| West Virginia | Pendleton County   | 54071 | R              | Trichloroethylene         | 0.00E+00            | 0.00E+00                             | 1.10E-01            | 1.58E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.10E-01            | 1.58E-04                             |
| West Virginia | Pleasants County   | 54073 | R              | Trichloroethylene         | 0.00E+00            | 0.00E+00                             | 7.45E-02            | 5.29E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 7.45E-02            | 5.29E-04                             |
| West Virginia | Pocahontas County  | 54075 | R              | Trichloroethylene         | 0.00E+00            | 0.00E+00                             | 1.80E-01            | 1.90E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.80E-01            | 1.90E-04                             |
| West Virginia | Preston County     | 54077 | R              | Trichloroethylene         | 0.00E+00            | 0.00E+00                             | 2.09E-01            | 3.15E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.09E-01            | 3.15E-04                             |
| West Virginia | Raleigh County     | 54081 | R              | Trichloroethylene         | 0.00E+00            | 0.00E+00                             | 1.20E+00            | 1.97E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.20E+00            | 1.97E-03                             |
| West Virginia | Randolph County    | 54083 | R              | Trichloroethylene         | 0.00E+00            | 0.00E+00                             | 4.76E-01            | 4.56E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.76E-01            | 4.56E-04                             |
| West Virginia | Ritchie County     | 54085 | R              | Trichloroethylene         | 0.00E+00            | 0.00E+00                             | 1.29E-01            | 2.94E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.29E-01            | 2.94E-04                             |
| West Virginia | Roane County       | 54087 | R              | Trichloroethylene         | 0.00E+00            | 0.00E+00                             | 1.37E-01            | 2.80E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.37E-01            | 2.80E-04                             |

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| State         | County             | FIPS  | Urban or Rural | Pollutant         | Major               |                                      | Area and Other      |                                      | Onroad Mobile       |                                      | Nonroad Mobile      |                                      | Total               |                                      |
|---------------|--------------------|-------|----------------|-------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|
|               |                    |       |                |                   | Emissions (tons/yr) | Emissions Density (tons/yr/sq. mile) |
| West Virginia | Summers County     | 54089 | R              | Trichloroethylene | 0.00E+00            | 0.00E+00                             | 3.05E-01            | 8.51E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.05E-01            | 8.51E-04                             |
| West Virginia | Taylor County      | 54091 | R              | Trichloroethylene | 0.00E+00            | 0.00E+00                             | 1.12E-01            | 6.47E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.12E-01            | 6.47E-04                             |
| West Virginia | Tucker County      | 54093 | R              | Trichloroethylene | 0.00E+00            | 0.00E+00                             | 1.83E-01            | 4.23E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.83E-01            | 4.23E-04                             |
| West Virginia | Tyler County       | 54095 | R              | Trichloroethylene | 0.00E+00            | 0.00E+00                             | 1.25E-01            | 4.87E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.25E-01            | 4.87E-04                             |
| West Virginia | Upshur County      | 54097 | R              | Trichloroethylene | 0.00E+00            | 0.00E+00                             | 3.90E-01            | 1.12E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.90E-01            | 1.12E-03                             |
| West Virginia | Webster County     | 54101 | R              | Trichloroethylene | 0.00E+00            | 0.00E+00                             | 7.72E-02            | 1.38E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 7.72E-02            | 1.38E-04                             |
| West Virginia | Wetzel County      | 54103 | R              | Trichloroethylene | 0.00E+00            | 0.00E+00                             | 3.77E-01            | 1.06E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.77E-01            | 1.06E-03                             |
| West Virginia | Wirt County        | 54105 | R              | Trichloroethylene | 0.00E+00            | 0.00E+00                             | 2.90E-02            | 1.28E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.90E-02            | 1.28E-04                             |
| West Virginia | Wyoming County     | 54109 | R              | Trichloroethylene | 0.00E+00            | 0.00E+00                             | 1.58E-01            | 3.11E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.58E-01            | 3.11E-04                             |
| West Virginia | All Rural Counties | N/A   | R              | Vinyl Chloride    | 0.00E+00            | 0.00E+00                             | 1.50E+00            | 7.13E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.50E+00            | 7.13E-05                             |
| West Virginia | Barbour County     | 54001 | R              | Vinyl Chloride    | 0.00E+00            | 0.00E+00                             | 2.81E-05            | 8.31E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.81E-05            | 8.31E-08                             |
| West Virginia | Boone County       | 54005 | R              | Vinyl Chloride    | 0.00E+00            | 0.00E+00                             | 4.63E-05            | 9.08E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.63E-05            | 9.08E-08                             |
| West Virginia | Braxton County     | 54007 | R              | Vinyl Chloride    | 0.00E+00            | 0.00E+00                             | 4.32E-03            | 8.34E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.32E-03            | 8.34E-06                             |
| West Virginia | Brooke County      | 54009 | R              | Vinyl Chloride    | 0.00E+00            | 0.00E+00                             | 1.06E-01            | 1.21E-03                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.06E-01            | 1.21E-03                             |
| West Virginia | Calhoun County     | 54013 | R              | Vinyl Chloride    | 0.00E+00            | 0.00E+00                             | 1.41E-05            | 4.97E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.41E-05            | 4.97E-08                             |
| West Virginia | Clay County        | 54015 | R              | Vinyl Chloride    | 0.00E+00            | 0.00E+00                             | 1.87E-05            | 5.39E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.87E-05            | 5.39E-08                             |
| West Virginia | Doddridge County   | 54017 | R              | Vinyl Chloride    | 0.00E+00            | 0.00E+00                             | 1.31E-05            | 4.04E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.31E-05            | 4.04E-08                             |
| West Virginia | Fayette County     | 54019 | R              | Vinyl Chloride    | 0.00E+00            | 0.00E+00                             | 5.20E-02            | 7.61E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.20E-02            | 7.61E-05                             |
| West Virginia | Gilmer County      | 54021 | R              | Vinyl Chloride    | 0.00E+00            | 0.00E+00                             | 1.26E-05            | 3.70E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.26E-05            | 3.70E-08                             |
| West Virginia | Grant County       | 54023 | R              | Vinyl Chloride    | 0.00E+00            | 0.00E+00                             | 1.96E-05            | 4.08E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.96E-05            | 4.08E-08                             |
| West Virginia | Greenbrier County  | 54025 | R              | Vinyl Chloride    | 0.00E+00            | 0.00E+00                             | 1.52E-02            | 1.48E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.52E-02            | 1.48E-05                             |
| West Virginia | Hampshire County   | 54027 | R              | Vinyl Chloride    | 0.00E+00            | 0.00E+00                             | 3.54E-03            | 5.53E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.54E-03            | 5.53E-06                             |
| West Virginia | Hardy County       | 54031 | R              | Vinyl Chloride    | 0.00E+00            | 0.00E+00                             | 2.11E-05            | 3.54E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.11E-05            | 3.54E-08                             |
| West Virginia | Harrison County    | 54033 | R              | Vinyl Chloride    | 0.00E+00            | 0.00E+00                             | 2.78E-01            | 6.54E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.78E-01            | 6.54E-04                             |
| West Virginia | Jackson County     | 54035 | R              | Vinyl Chloride    | 0.00E+00            | 0.00E+00                             | 4.98E-05            | 1.04E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.98E-05            | 1.04E-07                             |
| West Virginia | Lewis County       | 54041 | R              | Vinyl Chloride    | 0.00E+00            | 0.00E+00                             | 3.07E-05            | 7.99E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.07E-05            | 7.99E-08                             |
| West Virginia | Lincoln County     | 54043 | R              | Vinyl Chloride    | 0.00E+00            | 0.00E+00                             | 3.93E-05            | 9.06E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.93E-05            | 9.06E-08                             |
| West Virginia | Logan County       | 54045 | R              | Vinyl Chloride    | 0.00E+00            | 0.00E+00                             | 1.51E-02            | 3.35E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.51E-02            | 3.35E-05                             |
| West Virginia | McDowell County    | 54047 | R              | Vinyl Chloride    | 0.00E+00            | 0.00E+00                             | 1.17E-02            | 2.23E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.17E-02            | 2.23E-05                             |
| West Virginia | Marion County      | 54049 | R              | Vinyl Chloride    | 0.00E+00            | 0.00E+00                             | 4.59E-02            | 1.48E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.59E-02            | 1.48E-04                             |
| West Virginia | Marshall County    | 54051 | R              | Vinyl Chloride    | 0.00E+00            | 0.00E+00                             | 6.16E-05            | 1.98E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.16E-05            | 1.98E-07                             |
| West Virginia | Mason County       | 54053 | R              | Vinyl Chloride    | 0.00E+00            | 0.00E+00                             | 4.58E-05            | 1.03E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.58E-05            | 1.03E-07                             |
| West Virginia | Mercer County      | 54055 | R              | Vinyl Chloride    | 0.00E+00            | 0.00E+00                             | 1.07E-01            | 2.51E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.07E-01            | 2.51E-04                             |
| West Virginia | Mineral County     | 54057 | R              | Vinyl Chloride    | 0.00E+00            | 0.00E+00                             | 4.76E-05            | 1.47E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 4.76E-05            | 1.47E-07                             |
| West Virginia | Mingo County       | 54059 | R              | Vinyl Chloride    | 0.00E+00            | 0.00E+00                             | 7.79E-02            | 1.79E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 7.79E-02            | 1.79E-04                             |
| West Virginia | Monongalia County  | 54061 | R              | Vinyl Chloride    | 0.00E+00            | 0.00E+00                             | 5.58E-02            | 1.54E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.58E-02            | 1.54E-04                             |
| West Virginia | Monroe County      | 54063 | R              | Vinyl Chloride    | 0.00E+00            | 0.00E+00                             | 6.62E-02            | 1.39E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.62E-02            | 1.39E-04                             |
| West Virginia | Morgan County      | 54065 | R              | Vinyl Chloride    | 0.00E+00            | 0.00E+00                             | 5.02E-03            | 2.14E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.02E-03            | 2.14E-05                             |
| West Virginia | Nicholas County    | 54067 | R              | Vinyl Chloride    | 0.00E+00            | 0.00E+00                             | 2.58E-02            | 3.98E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.58E-02            | 3.98E-05                             |
| West Virginia | Pendleton County   | 54071 | R              | Vinyl Chloride    | 0.00E+00            | 0.00E+00                             | 1.42E-05            | 2.04E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.42E-05            | 2.04E-08                             |
| West Virginia | Pleasants County   | 54073 | R              | Vinyl Chloride    | 0.00E+00            | 0.00E+00                             | 1.32E-05            | 9.39E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.32E-05            | 9.39E-08                             |
| West Virginia | Pocahontas County  | 54075 | R              | Vinyl Chloride    | 0.00E+00            | 0.00E+00                             | 2.26E-02            | 2.39E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.26E-02            | 2.39E-05                             |
| West Virginia | Preston County     | 54077 | R              | Vinyl Chloride    | 0.00E+00            | 0.00E+00                             | 5.25E-05            | 7.92E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 5.25E-05            | 7.92E-08                             |
| West Virginia | Raleigh County     | 54081 | R              | Vinyl Chloride    | 0.00E+00            | 0.00E+00                             | 1.06E-01            | 1.75E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.06E-01            | 1.75E-04                             |
| West Virginia | Randolph County    | 54083 | R              | Vinyl Chloride    | 0.00E+00            | 0.00E+00                             | 2.25E-02            | 2.15E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.25E-02            | 2.15E-05                             |
| West Virginia | Ritchie County     | 54085 | R              | Vinyl Chloride    | 0.00E+00            | 0.00E+00                             | 7.06E-05            | 1.60E-07                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 7.06E-05            | 1.60E-07                             |
| West Virginia | Roane County       | 54087 | R              | Vinyl Chloride    | 0.00E+00            | 0.00E+00                             | 2.71E-05            | 5.54E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.71E-05            | 5.54E-08                             |
| West Virginia | Summers County     | 54089 | R              | Vinyl Chloride    | 0.00E+00            | 0.00E+00                             | 2.77E-01            | 7.74E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 2.77E-01            | 7.74E-04                             |
| West Virginia | Taylor County      | 54091 | R              | Vinyl Chloride    | 0.00E+00            | 0.00E+00                             | 3.40E-04            | 1.96E-06                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 3.40E-04            | 1.96E-06                             |
| West Virginia | Tucker County      | 54093 | R              | Vinyl Chloride    | 0.00E+00            | 0.00E+00                             | 6.75E-02            | 1.56E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.75E-02            | 1.56E-04                             |
| West Virginia | Tyler County       | 54095 | R              | Vinyl Chloride    | 0.00E+00            | 0.00E+00                             | 1.71E-05            | 6.66E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.71E-05            | 6.66E-08                             |
| West Virginia | Upshur County      | 54097 | R              | Vinyl Chloride    | 0.00E+00            | 0.00E+00                             | 1.55E-02            | 4.45E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.55E-02            | 4.45E-05                             |
| West Virginia | Webster County     | 54101 | R              | Vinyl Chloride    | 0.00E+00            | 0.00E+00                             | 6.42E-03            | 1.15E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 6.42E-03            | 1.15E-05                             |
| West Virginia | Wetzel County      | 54103 | R              | Vinyl Chloride    | 0.00E+00            | 0.00E+00                             | 1.01E-01            | 2.85E-04                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.01E-01            | 2.85E-04                             |

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|---------------|----------------|-------|----------------|----------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|---------------------|--------------------------------------|
|               |                |       |                |                | Emissions (tons/yr) | Emissions Density (tons/yr/sq. mile) |
| West Virginia | Wirt County    | 54105 | R              | Vinyl Chloride | 0.00E+00            | 0.00E+00                             | 1.01E-05            | 4.49E-08                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.01E-05            | 4.49E-08                             |
| West Virginia | Wyoming County | 54109 | R              | Vinyl Chloride | 0.00E+00            | 0.00E+00                             | 1.36E-02            | 2.67E-05                             | 0.00E+00            | 0.00E+00                             | 0.00E+00            | 0.00E+00                             | 1.36E-02            | 2.67E-05                             |