

US EPA ARCHIVE DOCUMENT

1996 Modeled Exposure Concentrations for Oklahoma

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

- The exposure estimates presented below are representative of midrange estimates of population exposures. Due to a number of factors, some individuals may have substantially higher or lower exposures. It is important to note that the model, as applied on the national scale, is not designed to quantify these extreme values of individual exposures.
- Note that for certain chemicals, exposure pathways other than inhalation as well as indoor sources of air toxics may contribute substantially to total exposures of concern. This assessment does not address these other routes of exposure (i.e., ingestion or dermal) or inhalation exposure resulting from indoor sources.
- The emissions used in this assessment do not reflect potentially significant emission reductions that have taken effect since 1996, including those from: 1) mobile source regulations which are being phased in over time; 2) many of the air toxics regulations EPA has issued for major industrial sources; 3) State or industry initiatives; and 4) any facility closures.
- Methods of estimating emissions as well as simplified modeling assumptions may introduce significant uncertainties into each component of the assessment.
[For a discussion of limitations please see http://www.epa.gov/ttn/atw/nata/natsalim2.html](http://www.epa.gov/ttn/atw/nata/natsalim2.html)
- Because of these uncertainties, EPA will not use the results of this assessment to determine source-specific contributions or to set regulatory requirements. However, EPA expects to use these results to inform decisions about the priorities of the air toxics program as well as to guide the collection of additional data that could lead to regulatory decisions.

				Estimated Annual Median Exposure Concentrations (ug/m3) for Oklahoma												
State	County	FIPS	Urban or Rural	1,1,2,2-TCA	1,3-Butadiene	1,3-Dichloropropene	Acetaldehyde	Acrolein	Acrylonitrile	Arsenic	Benzene	Beryllium	Cadmium	Carbon Tetrachloride	Chloroform	Chromium
National	All	99999	-	2.33E-04	4.79E-02	5.20E-02	4.82E-01	7.21E-02	5.62E-04	4.83E-05	1.19E+00	8.35E-06	3.90E-05	6.41E-01	6.90E-02	5.15E-04
National	All Urban Counties	99998	U	3.50E-04	5.93E-02	6.60E-02	6.45E-01	8.89E-02	8.39E-04	6.25E-05	1.41E+00	1.08E-05	5.90E-05	6.41E-01	6.96E-02	8.25E-04
National	All Rural Counties	99998	R	3.62E-05	1.30E-02	7.09E-03	1.15E-01	3.03E-02	7.64E-05	1.01E-05	6.01E-01	1.09E-06	4.79E-06	6.40E-01	6.80E-02	5.05E-05
Oklahoma	State Total	40000	-	5.21E-05	2.87E-02	2.30E-02	2.03E-01	3.46E-02	1.20E-04	1.28E-05	7.77E-01	2.99E-06	9.36E-06	6.40E-01	6.83E-02	3.18E-04
Oklahoma	State Urban Counties	40000	U	6.83E-05	5.55E-02	3.63E-02	4.25E-01	5.53E-02	1.65E-04	1.87E-05	1.16E+00	4.92E-06	1.48E-05	6.40E-01	6.85E-02	7.28E-04
Oklahoma	State Rural Counties	40000	R	1.22E-05	5.41E-03	2.82E-03	7.18E-02	1.44E-02	2.46E-05	1.29E-06	4.94E-01	3.22E-07	1.08E-06	6.39E-01	6.79E-02	1.63E-05
Oklahoma	Adair County	40001	R	4.32E-05	9.47E-03	4.62E-03	1.47E-01	3.05E-02	8.27E-05	1.93E-06	5.64E-01	5.47E-07	2.26E-06	6.34E-01	6.81E-02	2.72E-04
Oklahoma	Alfalfa County	40003	R	2.29E-06	1.33E-03	6.07E-04	4.02E-02	1.36E-03	4.62E-06	1.58E-07	4.28E-01	5.31E-08	1.69E-07	6.37E-01	6.79E-02	1.14E-06
Oklahoma	Atoka County	40005	R	3.20E-06	3.98E-03	1.25E-03	5.24E-02	1.30E-02	7.79E-06	3.47E-07	4.58E-01	1.20E-07	2.89E-07	6.41E-01	6.78E-02	3.68E-06
Oklahoma	Beaver County	40007	R	1.58E-06	4.14E-04	3.53E-04	2.27E-02	6.99E-04	3.20E-06	1.20E-07	4.21E-01	3.54E-08	6.38E-08	6.37E-01	6.78E-02	6.51E-07
Oklahoma	Beckham County	40009	U	1.46E-05	1.11E-03	1.22E-03	3.89E-02	2.08E-03	2.66E-05	4.09E-07	4.28E-01	1.42E-07	7.24E-07	6.41E-01	6.78E-02	3.13E-06
Oklahoma	Blaine County	40011	R	1.55E-05	1.32E-03	6.95E-04	3.25E-02	2.17E-03	2.82E-05	2.71E-07	4.36E-01	7.34E-08	2.30E-07	6.44E-01	6.78E-02	2.36E-06
Oklahoma	Bryan County	40013	R	2.42E-05	9.68E-03	6.41E-03	9.93E-02	1.91E-02	4.56E-05	1.84E-06	5.43E-01	6.03E-07	1.60E-06	6.42E-01	6.78E-02	1.91E-05
Oklahoma	Caddo County	40015	R	2.59E-05	3.32E-03	2.16E-03	6.65E-02	5.27E-03	4.77E-05	7.20E-07	4.69E-01	2.16E-07	7.99E-07	6.43E-01	6.78E-02	5.99E-06
Oklahoma	Canadian County	40017	U	9.79E-05	2.54E-02	2.15E-02	2.18E-01	2.85E-02	1.94E-04	6.58E-06	7.39E-01	2.20E-06	6.88E-06	6.39E-01	6.84E-02	4.24E-04
Oklahoma	Carter County	40019	U	2.81E-05	8.18E-03	3.70E-03	6.57E-02	1.18E-02	5.24E-05	5.15E-06	5.04E-01	4.40E-07	9.28E-06	6.37E-01	6.81E-02	4.12E-05
Oklahoma	Cherokee County	40021	R	4.69E-06	1.86E-02	9.68E-03	1.49E-01	3.49E-02	1.94E-05	1.51E-05	6.32E-01	2.17E-06	4.87E-06	6.40E-01	6.86E-02	1.48E-04
Oklahoma	Choctaw County	40023	R	9.09E-06	1.68E-02	1.49E-02	1.19E-01	2.88E-02	2.01E-05	6.49E-06	5.89E-01	1.27E-06	2.88E-06	6.36E-01	6.78E-02	6.09E-05
Oklahoma	Cimarron County	40025	R	2.97E-06	4.25E-04	2.94E-04	2.98E-02	6.88E-04	5.41E-06	5.53E-08	4.21E-01	1.99E-08	2.62E-08	6.36E-01	6.79E-02	4.32E-07
Oklahoma	Cleveland County	40027	U	6.21E-05	5.47E-02	3.50E-02	3.51E-01	4.58E-02	1.26E-04	1.23E-05	1.09E+00	3.89E-06	9.99E-06	6.40E-01	6.84E-02	3.18E-04
Oklahoma	Coal County	40029	R	4.05E-06	2.37E-03	1.15E-03	5.23E-02	1.18E-02	8.90E-06	3.69E-07	4.59E-01	1.22E-07	3.07E-07	6.34E-01	6.79E-02	2.44E-06
Oklahoma	Comanche County	40031	U	7.40E-05	3.90E-02	3.53E-02	2.32E-01	2.44E-02	1.38E-04	1.01E-05	8.24E-01	3.52E-06	6.51E-06	6.41E-01	6.81E-02	2.54E-05
Oklahoma	Cotton County	40033	R	1.41E-04	1.91E-03	1.84E-03	5.61E-02	4.77E-03	2.44E-04	5.97E-07	4.60E-01	1.82E-07	6.03E-07	6.41E-01	6.78E-02	2.10E-05
Oklahoma	Craig County	40035	R	2.06E-06	9.22E-03	3.45E-03	8.50E-02	2.31E-02	9.60E-06	5.35E-06	5.15E-01	1.32E-06	4.99E-06	6.44E-01	6.79E-02	6.94E-05
Oklahoma	Creek County	40037	U	2.53E-05	1.90E-02	9.54E-03	2.79E-01	4.65E-02	5.58E-05	1.49E-05	7.50E-01	1.98E-06	2.90E-05	6.38E-01	6.84E-02	1.56E-03
Oklahoma	Custer County	40039	U	3.99E-06	3.30E-03	3.77E-03	5.02E-02	3.21E-03	9.65E-06	1.22E-06	4.53E-01	3.97E-07	8.66E-07	6.36E-01	6.80E-02	4.96E-06
Oklahoma	Delaware County	40041	R	1.44E-05	1.07E-02	4.35E-03	1.07E-01	2.41E-02	3.20E-05	2.21E-06	5.65E-01	4.55E-07	1.98E-06	6.40E-01	6.80E-02	2.27E-04
Oklahoma	Dewey County	40043	R	2.50E-06	6.54E-04	2.91E-04	1.21E-02	7.95E-04	4.88E-06	9.03E-08	4.16E-01	3.20E-08	7.84E-08	6.43E-01	6.76E-02	7.65E-07
Oklahoma	Ellis County	40045	R	1.72E-06	5.43E-04	3.41E-04	1.94E-02	7.53E-04	3.52E-06	9.21E-08	4.22E-01	3.22E-08	7.77E-08	6.41E-01	6.77E-02	6.68E-07
Oklahoma	Garfield County	40047	U	1.74E-05	1.11E-02	1.65E-02	7.55E-02	7.76E-03	4.17E-05	6.17E-06	5.52E-01	2.03E-06	4.33E-06	6.41E-01	6.80E-02	1.95E-05
Oklahoma	Garvin County	40049	R	1.28E-05	5.53E-03	3.07E-03	6.55E-02	1.02E-02	2.60E-05	5.96E-06	5.20E-01	8.07E-07	1.03E-05	6.37E-01	6.79E-02	5.01E-05
Oklahoma	Grady County	40051	R	4.41E-05	1.34E-02	1.06E-02	1.13E-01	1.40E-02	8.54E-05	3.77E-06	5.95E-01	1.31E-06	2.73E-06	6.36E-01	6.81E-02	8.24E-05
Oklahoma	Grant County	40053	R	1.14E-05	8.92E-04	6.34E-04	2.76E-02	1.63E-03	2.08E-05	2.43E-07	4.29E-01	7.41E-08	3.73E-07	6.37E-01	6.77E-02	3.83E-06
Oklahoma	Greer County	40055	R	1.29E-05	1.63E-03	1.51E-03	4.63E-02	2.53E-03	2.45E-05	4.16E-07	4.38E-01	1.43E-07	3.93E-07	6.48E-01	6.79E-02	3.23E-06

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State	County	FIPS	Urban or Rural	Coke Oven Emissions	Diesel PM	Ethylene Dibromide	Ethylene Dichloride	Ethylene Oxide	Formaldehyde	Hexachlorobenzene	Hydrazine	Lead	Manganese	Mercury	Methylene Chloride	Nickel
National	All	99999	-	0.00E+00	1.07E+00	6.08E-03	5.27E-02	1.25E-03	6.77E-01	7.51E-05	3.71E-08	1.54E-03	1.06E-03	1.33E-03	2.72E-01	7.43E-04
National	All Urban Counties	99998	U	0.00E+00	1.30E+00	6.08E-03	5.28E-02	1.80E-03	8.22E-01	7.51E-05	6.61E-08	2.50E-03	1.32E-03	1.40E-03	3.22E-01	1.10E-03
National	All Rural Counties	99998	R	0.00E+00	4.63E-01	6.08E-03	5.26E-02	1.05E-04	3.45E-01	7.51E-05	9.29E-10	1.45E-04	2.38E-04	1.21E-03	1.40E-01	8.37E-05
Oklahoma	State Total	40000	-	0.00E+00	4.54E-01	6.08E-03	5.25E-02	4.84E-04	4.16E-01	7.51E-05	7.63E-09	2.80E-04	3.75E-04	1.23E-03	1.84E-01	2.54E-04
Oklahoma	State Urban Counties	40000	U	0.00E+00	6.52E-01	6.08E-03	5.25E-02	1.02E-03	5.61E-01	7.50E-05	1.66E-08	4.60E-04	6.07E-04	1.27E-03	2.50E-01	4.56E-04
Oklahoma	State Rural Counties	40000	R	0.00E+00	2.83E-01	6.08E-03	5.25E-02	3.93E-05	2.66E-01	7.51E-05	8.88E-11	3.09E-05	4.37E-05	1.19E-03	1.26E-01	2.08E-05
Oklahoma	Adair County	40001	R	0.00E+00	2.93E-01	6.08E-03	5.28E-02	6.71E-05	3.43E-01	7.52E-05	1.51E-10	1.20E-04	7.69E-05	1.20E-03	1.33E-01	1.51E-04
Oklahoma	Alfalfa County	40003	R	0.00E+00	2.08E-01	6.07E-03	5.28E-02	3.97E-06	1.96E-01	7.52E-05	1.27E-11	4.41E-06	6.12E-06	1.19E-03	1.21E-01	2.04E-06
Oklahoma	Atoka County	40005	R	0.00E+00	2.81E-01	6.09E-03	5.24E-02	1.96E-05	2.41E-01	7.50E-05	8.27E-12	5.95E-06	1.09E-05	1.19E-03	1.23E-01	4.87E-06
Oklahoma	Beaver County	40007	R	0.00E+00	1.02E-01	6.07E-03	5.26E-02	5.07E-06	1.96E-01	7.52E-05	0.00E+00	8.79E-06	4.33E-06	1.18E-03	1.21E-01	1.88E-06
Oklahoma	Beckham County	40009	U	0.00E+00	1.57E-01	6.10E-03	5.26E-02	3.18E-05	2.02E-01	7.52E-05	2.10E-10	1.22E-05	1.19E-05	1.19E-03	1.23E-01	5.18E-06
Oklahoma	Blaine County	40011	R	0.00E+00	2.17E-01	6.08E-03	5.22E-02	1.59E-05	2.01E-01	7.51E-05	7.72E-12	3.99E-06	6.80E-06	1.19E-03	1.23E-01	6.37E-06
Oklahoma	Bryan County	40013	R	0.00E+00	4.23E-01	6.08E-03	5.24E-02	2.16E-04	2.85E-01	7.50E-05	6.85E-10	3.37E-05	6.58E-05	1.20E-03	1.31E-01	2.53E-05
Oklahoma	Caddo County	40015	R	0.00E+00	2.64E-01	6.08E-03	5.23E-02	2.35E-05	2.24E-01	7.52E-05	5.93E-11	1.54E-05	2.09E-05	1.19E-03	1.25E-01	9.69E-06
Oklahoma	Canadian County	40017	U	0.00E+00	4.40E-01	6.08E-03	5.25E-02	3.08E-04	3.73E-01	7.51E-05	6.76E-09	2.50E-04	2.29E-04	1.24E-03	2.39E-01	1.25E-04
Oklahoma	Carter County	40019	U	0.00E+00	3.25E-01	6.08E-03	5.27E-02	7.32E-05	2.48E-01	7.52E-05	1.97E-10	4.32E-05	6.90E-05	1.20E-03	1.29E-01	1.50E-04
Oklahoma	Cherokee County	40021	R	0.00E+00	3.49E-01	6.08E-03	5.25E-02	2.39E-04	3.75E-01	7.51E-05	2.72E-10	6.55E-05	1.01E-04	1.21E-03	1.47E-01	1.56E-04
Oklahoma	Choctaw County	40023	R	0.00E+00	3.50E-01	6.07E-03	5.27E-02	8.65E-05	3.45E-01	7.50E-05	5.00E-11	8.50E-05	4.28E-04	1.19E-03	1.33E-01	5.05E-05
Oklahoma	Cimarron County	40025	R	0.00E+00	8.31E-02	6.08E-03	5.30E-02	1.38E-05	1.98E-01	7.52E-05	0.00E+00	2.66E-06	2.14E-06	1.19E-03	1.21E-01	6.59E-07
Oklahoma	Cleveland County	40027	U	0.00E+00	5.70E-01	6.08E-03	5.24E-02	6.77E-04	4.95E-01	7.50E-05	3.59E-09	2.59E-04	4.77E-04	1.24E-03	3.23E-01	2.25E-04
Oklahoma	Coal County	40029	R	0.00E+00	2.75E-01	6.07E-03	5.31E-02	2.12E-05	2.34E-01	7.51E-05	9.48E-12	5.49E-06	1.21E-05	1.19E-03	1.22E-01	6.14E-06
Oklahoma	Comanche County	40031	U	0.00E+00	4.26E-01	6.08E-03	5.25E-02	8.78E-04	4.19E-01	7.51E-05	1.21E-08	6.42E-04	3.40E-04	1.22E-03	1.75E-01	8.67E-05
Oklahoma	Cotton County	40033	R	0.00E+00	2.70E-01	6.09E-03	5.25E-02	2.95E-05	2.22E-01	7.52E-05	8.88E-11	6.46E-05	1.97E-05	1.19E-03	1.26E-01	5.82E-06
Oklahoma	Craig County	40035	R	0.00E+00	3.07E-01	6.08E-03	5.23E-02	1.68E-04	2.94E-01	7.50E-05	9.75E-10	1.64E-04	8.16E-05	1.21E-03	1.35E-01	4.34E-05
Oklahoma	Creek County	40037	U	0.00E+00	3.81E-01	6.08E-03	5.27E-02	5.74E-04	4.70E-01	7.51E-05	2.97E-06	5.71E-04	7.38E-04	1.31E-03	1.51E-01	3.65E-03
Oklahoma	Custer County	40039	U	0.00E+00	2.07E-01	6.08E-03	5.29E-02	5.99E-05	2.11E-01	7.53E-05	8.42E-10	2.80E-05	3.41E-05	1.19E-03	1.27E-01	2.08E-05
Oklahoma	Delaware County	40041	R	0.00E+00	3.19E-01	6.08E-03	5.26E-02	6.75E-05	3.04E-01	7.51E-05	1.19E-10	6.30E-05	4.94E-05	1.20E-03	1.35E-01	3.87E-05
Oklahoma	Dewey County	40043	R	0.00E+00	1.38E-01	6.09E-03	5.19E-02	6.01E-06	1.90E-01	7.48E-05	8.66E-12	1.50E-06	3.38E-06	1.19E-03	1.21E-01	1.56E-06
Oklahoma	Ellis County	40045	R	0.00E+00	1.16E-01	6.08E-03	5.27E-02	1.31E-05	1.88E-01	7.50E-05	4.09E-10	2.46E-06	3.43E-06	1.19E-03	1.21E-01	6.60E-06
Oklahoma	Garfield County	40047	U	0.00E+00	3.82E-01	6.08E-03	5.27E-02	5.05E-04	2.56E-01	7.53E-05	3.62E-08	1.32E-04	1.50E-04	1.21E-03	1.54E-01	9.35E-05
Oklahoma	Garvin County	40049	R	0.00E+00	3.27E-01	6.09E-03	5.28E-02	3.55E-05	2.43E-01	7.52E-05	2.31E-11	4.94E-05	8.44E-05	1.20E-03	1.26E-01	1.51E-04
Oklahoma	Grady County	40051	R	0.00E+00	4.00E-01	6.08E-03	5.28E-02	1.74E-04	2.97E-01	7.53E-05	6.49E-10	7.61E-05	1.20E-04	1.20E-03	1.52E-01	7.37E-05
Oklahoma	Grant County	40053	R	0.00E+00	2.26E-01	6.07E-03	5.26E-02	9.66E-06	1.95E-01	7.50E-05	1.78E-10	1.14E-05	8.60E-06	1.19E-03	1.21E-01	5.31E-06
Oklahoma	Greer County	40055	R	0.00E+00	1.74E-01	6.10E-03	5.23E-02	2.66E-05	2.08E-01	7.53E-05	7.24E-12	9.76E-06	1.52E-05	1.19E-03	1.24E-01	5.06E-06

1996 Modeled Exposure Concentrations for Oklahoma

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

- The exposure estimates presented below are representative of midrange estimates of population exposures. Due to a number of factors, some individuals may have substantially higher or lower exposures. It is important to note that the model, as applied on the national scale, is not designed to quantify these extreme values of individual exposures.
- Note that for certain chemicals, exposure pathways other than inhalation as well as indoor sources of air toxics may contribute substantially to total exposures of concern. This assessment does not address these other routes of exposure (i.e., ingestion or dermal) or inhalation exposure resulting from indoor sources.
- The emissions used in this assessment do not reflect potentially significant emission reductions that have taken effect since 1996, including those from: 1) mobile source regulations which are being phased in over time; 2) many of the air toxics regulations EPA has issued for major industrial sources; 3) State or industry initiatives; and 4) any facility closures.
- Methods of estimating emissions as well as simplified modeling assumptions may introduce significant uncertainties into each component of the assessment.
[For a discussion of limitations please see http://www.epa.gov/ttn/atw/nata/natsalim2.html](http://www.epa.gov/ttn/atw/nata/natsalim2.html)
- Because of these uncertainties, EPA will not use the results of this assessment to determine source-specific contributions or to set regulatory requirements. However, EPA expects to use these results to inform decisions about the priorities of the air toxics program as well as to guide the collection of additional data that could lead to regulatory decisions.

				Estimated Annual Median Exposure Concentrations (ug/m3) for Oklahoma											
State	County	FIPS	Urban or Rural	PCBS	Perchloroethylene	POM (total)	Propylene Dichloride	Quinoline	Trichloroethylene	Vinyl Chloride					
National	All	99999	-	3.00E-04	1.84E-01	4.27E-02	3.11E-05	1.85E-07	9.86E-02	7.61E-04					
National	All Urban Counties	99998	U	3.00E-04	2.13E-01	5.26E-02	4.73E-05	3.22E-07	1.12E-01	1.16E-03					
National	All Rural Counties	99998	R	3.00E-04	1.14E-01	9.18E-03	4.85E-06	1.07E-08	7.06E-02	1.05E-04					
Oklahoma	State Total	40000	-	3.00E-04	1.40E-01	1.69E-02	7.39E-06	2.65E-08	7.56E-02	1.45E-04					
Oklahoma	State Urban Counties	40000	U	3.00E-04	1.82E-01	2.56E-02	9.76E-06	4.99E-08	8.51E-02	1.90E-04					
Oklahoma	State Rural Counties	40000	R	3.00E-04	1.08E-01	3.40E-03	1.45E-06	1.39E-09	6.82E-02	2.99E-05					
Oklahoma	Adair County	40001	R	3.00E-04	1.09E-01	5.83E-03	5.04E-06	6.26E-09	6.90E-02	1.05E-04					
Oklahoma	Alfalfa County	40003	R	3.00E-04	1.05E-01	4.20E-04	2.74E-07	3.01E-10	6.79E-02	5.37E-06					
Oklahoma	Atoka County	40005	R	3.00E-04	1.07E-01	2.04E-03	4.23E-07	3.83E-10	6.75E-02	7.51E-06					
Oklahoma	Beaver County	40007	R	2.99E-04	1.06E-01	2.93E-04	1.86E-07	0.00E+00	6.75E-02	3.73E-06					
Oklahoma	Beckham County	40009	U	3.01E-04	1.07E-01	8.31E-04	1.64E-06	1.08E-09	6.79E-02	3.42E-05					
Oklahoma	Blaine County	40011	R	3.00E-04	1.06E-01	5.40E-04	1.74E-06	1.74E-10	6.74E-02	3.64E-05					
Oklahoma	Bryan County	40013	R	3.00E-04	1.13E-01	5.27E-03	2.78E-06	2.77E-09	6.96E-02	5.65E-05					
Oklahoma	Caddo County	40015	R	3.00E-04	1.07E-01	1.52E-03	2.93E-06	9.38E-10	6.78E-02	6.08E-05					
Oklahoma	Canadian County	40017	U	3.00E-04	1.31E-01	1.38E-02	1.19E-05	3.34E-08	7.26E-02	2.43E-04					
Oklahoma	Carter County	40019	U	3.00E-04	1.11E-01	5.79E-03	3.19E-06	6.55E-10	6.94E-02	6.59E-05					
Oklahoma	Cherokee County	40021	R	3.00E-04	1.15E-01	1.17E-02	9.62E-07	8.69E-09	7.10E-02	1.14E-05					
Oklahoma	Choctaw County	40023	R	3.00E-04	1.14E-01	1.13E-02	1.14E-06	1.32E-09	6.78E-02	2.13E-05					
Oklahoma	Cimarron County	40025	R	3.00E-04	1.05E-01	1.96E-04	3.32E-07	0.00E+00	6.76E-02	6.93E-06					
Oklahoma	Cleveland County	40027	U	3.00E-04	1.66E-01	2.17E-02	7.80E-06	2.06E-08	7.77E-02	1.51E-04					
Oklahoma	Coal County	40029	R	3.00E-04	1.06E-01	1.80E-03	5.04E-07	2.05E-10	6.80E-02	9.49E-06					
Oklahoma	Comanche County	40031	U	3.00E-04	1.49E-01	2.20E-02	8.70E-06	3.42E-08	7.40E-02	1.74E-04					
Oklahoma	Cotton County	40033	R	3.00E-04	1.09E-01	1.32E-03	1.55E-05	1.04E-09	6.81E-02	3.29E-04					
Oklahoma	Craig County	40035	R	3.00E-04	1.10E-01	8.62E-03	7.25E-07	3.34E-08	6.85E-02	3.29E-05					
Oklahoma	Creek County	40037	U	3.00E-04	1.45E-01	1.35E-02	3.26E-06	4.08E-08	8.51E-02	6.13E-05					
Oklahoma	Custer County	40039	U	3.00E-04	1.07E-01	2.55E-03	6.81E-07	2.64E-09	6.89E-02	9.67E-06					
Oklahoma	Delaware County	40041	R	3.00E-04	1.09E-01	4.68E-03	1.82E-06	2.28E-09	6.90E-02	3.66E-05					
Oklahoma	Dewey County	40043	R	3.00E-04	1.06E-01	2.30E-04	3.16E-07	1.49E-10	6.70E-02	5.95E-06					
Oklahoma	Ellis County	40045	R	3.00E-04	1.06E-01	2.35E-04	2.42E-07	4.33E-09	6.73E-02	4.16E-06					
Oklahoma	Garfield County	40047	U	3.00E-04	1.34E-01	1.02E-02	3.25E-06	1.04E-07	7.32E-02	4.48E-05					
Oklahoma	Garvin County	40049	R	3.00E-04	1.08E-01	5.77E-03	1.53E-06	5.96E-10	6.84E-02	2.99E-05					
Oklahoma	Grady County	40051	R	3.00E-04	1.14E-01	8.78E-03	5.22E-06	2.74E-09	7.11E-02	1.10E-04					
Oklahoma	Grant County	40053	R	3.00E-04	1.06E-01	5.48E-04	1.31E-06	3.07E-09	6.76E-02	2.67E-05					
Oklahoma	Greer County	40055	R	3.01E-04	1.07E-01	1.04E-03	1.47E-06	1.15E-10	6.76E-02	3.02E-05					

				Estimated Annual Median Exposure Concentrations (ug/m3) for Oklahoma													
State	County	FIPS	Urban or Rural	1,1,2,2-TCA	1,3-Butadiene	1,3-Dichloropropene	Acetaldehyde	Acrolein	Acrylonitrile	Arsenic	Benzene	Beryllium	Cadmium	Carbon Tetrachloride	Chloroform	Chromium	
Oklahoma	Harmon County	40057	R	1.03E-05	8.55E-04	7.72E-04	2.69E-02	1.40E-03	1.93E-05	3.22E-07	4.22E-01	8.40E-08	2.63E-07	6.44E-01	6.76E-02	2.02E-06	
Oklahoma	Harper County	40059	R	1.77E-06	3.99E-04	1.99E-04	1.64E-02	4.45E-04	3.35E-06	5.72E-08	4.13E-01	1.93E-08	4.97E-08	6.43E-01	6.77E-02	3.78E-07	
Oklahoma	Haskell County	40061	R	6.58E-06	4.11E-03	1.72E-03	9.20E-02	1.75E-02	1.46E-05	5.46E-07	4.85E-01	1.83E-07	4.64E-07	6.37E-01	6.79E-02	3.90E-06	
Oklahoma	Hughes County	40063	R	1.46E-05	7.52E-03	1.76E-03	7.72E-02	2.84E-02	2.85E-05	5.47E-07	5.02E-01	1.83E-07	6.57E-07	6.42E-01	6.79E-02	4.28E-06	
Oklahoma	Jackson County	40065	U	3.85E-05	8.42E-03	1.42E-02	6.44E-02	6.14E-03	7.01E-05	4.27E-06	5.03E-01	1.52E-06	2.29E-06	6.41E-01	6.80E-02	1.35E-05	
Oklahoma	Jefferson County	40067	R	9.93E-06	1.51E-03	1.01E-03	2.90E-02	2.96E-03	1.88E-05	3.48E-07	4.45E-01	1.13E-07	3.46E-07	6.37E-01	6.79E-02	2.37E-06	
Oklahoma	Johnston County	40069	R	2.67E-05	3.70E-03	1.57E-03	5.83E-02	1.39E-02	4.84E-05	5.31E-07	4.68E-01	1.72E-07	4.91E-07	6.37E-01	6.78E-02	3.63E-06	
Oklahoma	Kay County	40071	U	3.99E-06	1.59E-02	1.94E-02	7.03E-02	1.06E-02	2.36E-05	4.55E-05	7.96E-01	4.51E-06	2.31E-05	6.36E-01	6.80E-02	3.44E-03	
Oklahoma	Kingfisher County	40073	R	1.40E-05	2.48E-03	2.28E-03	6.02E-02	5.80E-03	2.80E-05	7.56E-07	4.71E-01	2.44E-07	7.77E-07	6.42E-01	6.77E-02	7.67E-05	
Oklahoma	Kiowa County	40075	R	1.05E-05	1.14E-03	8.92E-04	2.74E-02	1.88E-03	2.01E-05	3.14E-07	4.29E-01	8.79E-08	3.12E-07	6.41E-01	6.77E-02	1.80E-06	
Oklahoma	Latimer County	40077	R	6.38E-06	7.20E-03	1.15E-03	1.62E-01	2.37E-02	1.40E-05	3.43E-07	4.79E-01	1.13E-07	3.94E-07	6.40E-01	6.78E-02	3.13E-06	
Oklahoma	Le Flore County	40079	R	5.93E-06	5.39E-03	4.86E-03	7.62E-02	1.77E-02	1.44E-05	2.54E-06	4.94E-01	2.02E-07	1.02E-06	6.39E-01	6.78E-02	1.72E-05	
Oklahoma	Lincoln County	40081	R	1.51E-05	4.82E-03	2.51E-03	5.31E-02	1.28E-02	2.96E-05	6.59E-07	4.89E-01	1.95E-07	5.90E-07	6.41E-01	6.78E-02	2.36E-05	
Oklahoma	Logan County	40083	U	5.79E-05	1.59E-02	1.45E-02	2.30E-01	2.85E-02	1.11E-04	4.78E-06	6.96E-01	1.51E-06	4.17E-06	6.41E-01	6.80E-02	2.34E-04	
Oklahoma	Love County	40085	R	1.92E-05	1.16E-02	4.25E-03	6.55E-02	1.77E-02	3.59E-05	2.01E-06	5.23E-01	4.51E-07	2.20E-06	6.45E-01	6.76E-02	3.74E-05	
Oklahoma	McClain County	40087	U	5.94E-05	1.03E-02	6.69E-03	1.41E-01	1.68E-02	1.14E-04	6.58E-06	5.89E-01	9.10E-07	9.58E-06	6.38E-01	6.84E-02	1.11E-04	
Oklahoma	McCurtain County	40089	R	1.74E-05	1.87E-02	4.04E-03	1.49E-01	4.54E-02	3.28E-05	1.20E-05	5.54E-01	8.90E-07	1.21E-05	6.40E-01	6.79E-02	9.80E-05	
Oklahoma	McIntosh County	40091	R	1.96E-05	7.27E-03	4.14E-03	8.87E-02	1.60E-02	3.88E-05	1.87E-06	5.20E-01	6.64E-07	1.42E-06	6.40E-01	6.91E-02	3.06E-04	
Oklahoma	Major County	40093	R	1.65E-05	8.72E-04	7.12E-04	3.11E-02	1.42E-03	2.90E-05	2.24E-07	4.29E-01	7.09E-08	2.52E-07	6.42E-01	6.80E-02	1.61E-06	
Oklahoma	Marshall County	40095	R	2.24E-05	6.85E-03	3.33E-03	9.45E-02	1.88E-02	4.41E-05	1.30E-06	5.30E-01	3.88E-07	1.32E-06	6.40E-01	6.77E-02	1.82E-05	
Oklahoma	Mayes County	40097	R	1.23E-05	8.92E-03	5.37E-03	1.27E-01	2.77E-02	4.14E-05	3.39E-05	5.83E-01	3.49E-06	7.80E-06	6.41E-01	6.85E-02	1.00E-04	
Oklahoma	Murray County	40099	U	1.39E-05	7.22E-03	4.15E-03	5.06E-02	1.31E-02	2.80E-05	6.25E-06	4.93E-01	7.55E-07	1.02E-05	6.44E-01	6.77E-02	4.81E-05	
Oklahoma	Muskogee County	40101	U	8.73E-05	1.18E-02	1.21E-02	1.44E-01	2.28E-02	1.64E-04	2.68E-05	6.14E-01	2.43E-06	7.53E-06	6.41E-01	7.49E-02	2.62E-03	
Oklahoma	Noble County	40103	R	1.66E-05	4.87E-03	4.43E-03	5.44E-02	6.57E-03	3.13E-05	7.30E-06	4.74E-01	7.03E-07	2.29E-06	6.42E-01	6.78E-02	1.86E-05	
Oklahoma	Nowata County	40105	R	9.90E-06	6.58E-03	2.71E-03	7.53E-02	2.02E-02	2.21E-05	1.61E-05	5.06E-01	1.02E-06	7.57E-06	6.43E-01	6.78E-02	3.09E-05	
Oklahoma	Okfuskee County	40107	R	9.58E-05	7.15E-03	2.18E-03	7.98E-02	2.59E-02	1.68E-04	6.82E-07	5.02E-01	2.22E-07	1.03E-06	6.45E-01	6.78E-02	7.96E-06	
Oklahoma	Oklahoma County	40109	U	1.50E-04	7.36E-02	4.20E-02	4.75E-01	6.13E-02	2.92E-04	1.96E-05	1.32E+00	6.10E-06	1.65E-05	6.41E-01	6.87E-02	8.12E-04	
Oklahoma	Okmulgee County	40111	U	5.42E-05	1.48E-02	1.19E-02	2.30E-01	4.99E-02	1.11E-04	9.33E-06	7.39E-01	1.53E-06	1.24E-05	6.39E-01	6.82E-02	4.50E-04	
Oklahoma	Osage County	40113	U	2.23E-05	7.02E-03	4.28E-03	1.41E-01	2.38E-02	4.61E-05	1.36E-05	5.56E-01	1.10E-06	1.65E-05	6.40E-01	6.82E-02	1.01E-03	
Oklahoma	Ottawa County	40115	R	3.20E-05	1.48E-02	9.37E-03	1.20E-01	2.14E-02	6.92E-05	1.35E-05	6.11E-01	1.59E-06	2.52E-05	6.39E-01	6.81E-02	1.58E-04	
Oklahoma	Pawnee County	40117	R	1.22E-05	1.37E-02	4.42E-03	1.18E-01	2.52E-02	2.52E-05	7.65E-06	5.68E-01	9.03E-07	1.18E-05	6.38E-01	6.80E-02	1.41E-04	
Oklahoma	Payne County	40119	U	8.69E-05	2.18E-02	2.42E-02	8.61E-02	1.79E-02	1.62E-04	1.87E-05	6.34E-01	3.07E-06	5.09E-06	6.39E-01	6.81E-02	3.45E-05	
Oklahoma	Pittsburg County	40121	R	1.13E-05	4.25E-03	3.22E-03	9.58E-02	1.52E-02	2.33E-05	1.01E-06	4.94E-01	3.35E-07	8.50E-07	6.36E-01	6.79E-02	6.63E-06	
Oklahoma	Pontotoc County	40123	R	1.04E-05	6.54E-03	2.45E-03	7.04E-02	1.95E-02	2.21E-05	1.25E-06	5.08E-01	2.53E-07	2.11E-06	6.37E-01	6.79E-02	1.27E-05	
Oklahoma	Pottawatomie County	40125	U	4.73E-06	9.02E-03	5.34E-03	8.84E-02	1.98E-02	1.62E-05	2.06E-06	5.37E-01	5.10E-07	1.72E-06	6.38E-01	6.78E-02	1.56E-04	
Oklahoma	Pushmataha County	40127	R	1.36E-06	4.96E-03	6.98E-04	1.17E-01	2.00E-02	3.85E-06	1.96E-06	4.61E-01	2.31E-07	5.14E-07	6.32E-01	6.81E-02	4.74E-06	
Oklahoma	Roger Mills County	40129	R	1.89E-06	1.01E-03	6.04E-04	2.52E-02	1.35E-03	5.46E-06	1.81E-07	4.25E-01	6.11E-08	2.19E-07	6.42E-01	6.79E-02	1.39E-06	
Oklahoma	Rogers County	40131	U	4.11E-05	2.46E-02	1.45E-02	2.45E-01	4.61E-02	9.09E-05	1.45E-05	7.72E-01	2.20E-06	8.78E-06	6.38E-01	6.81E-02	3.19E-04	
Oklahoma	Seminole County	40133	R	1.53E-05	9.41E-03	3.81E-03	8.21E-02	2.58E-02	3.20E-05	1.05E-06	5.39E-01	2.96E-07	1.36E-06	6.40E-01	6.79E-02	1.37E-05	
Oklahoma	Sequoyah County	40135	R	2.02E-06	6.95E-03	5.40E-03	8.59E-02	2.01E-02	1.10E-05	1.03E-06	5.28E-01	3.33E-07	1.26E-06	6.34E-01	6.79E-02	4.31E-05	
Oklahoma	Stephens County	40137	U	3.29E-05	1.71E-02	2.01E-02	1.00E-01	1.38E-02	6.42E-05	5.05E-06	6.54E-01	1.82E-06	3.36E-06	6.43E-01	6.78E-02	2.60E-05	
Oklahoma	Texas County	40139	R	3.01E-06	3.47E-03	6.67E-03	6.57E-02	3.51E-03	6.65E-06	2.33E-06	4.69E-01	7.18E-07	1.08E-06	6.39E-01	6.80E-02	6.29E-06	
Oklahoma	Tillman County	40141	R	2.64E-05	1.69E-03	1.67E-03	3.25E-02	3.04E-03	4.71E-05	2.06E-06	4.44E-01	2.57E-07	8.39E-07	6.40E-01	6.77E-02	7.49E-05	
Oklahoma	Tulsa County	40143	U	6.00E-05	9.78E-02	5.85E-02	8.29E-01	1.09E-01	1.67E-04	4.14E-05	1.75E+00	9.75E-06	5.52E-05	6.40E-01	6.93E-02	5.80E-03	
Oklahoma	Wagoner County	40145	U	6.53E-05	2.35E-02	1.24E-02	2.44E-01	4.24E-02	1.34E-04	1.76E-05	7.58E-01	2.71E-06	1.22E-05	6.42E-01	6.95E-02	1.20E-03	
Oklahoma	Washington County	40147	U	3.99E-05	2.53E-02	2.26E-02	1.32E-01	3.28E-02	8.27E-05	3.29E-05	6.58E-01	3.30E-06	4.11E-05	6.40E-01	6.81E-02	8.24E-05	
Oklahoma	Washita County	40149	R	7.51E-06	1.42E-03	1.01E-03	4.00E-02	2.03E-03	1.38E-05	2.94E-07	4.31E-01	9.54E-08	3.42E-07	6.38E-01	6.79E-02	2.10E-06	
Oklahoma	Woods County	40151	U	7.76E-07	9.14E-04	1.78E-03	4.15E-02	1.00E-03	1.94E-06	3.18E-07	4.26E-01	1.10E-07	1.93E-07	6.42E-01	6.80E-02	1.21E-06	
Oklahoma	Woodward County	40153	U	8.46E-06	9.94E-03	1.31E-02	5.35E-02	4.51E-03	2.56E-05	3.61E-06	5.10E-01	1.28E-06	1.86E-06	6.40E-01	6.79E-02	1.01E-05	

				Estimated Annual Median Exposure Concentrations (ug/m3) for Oklahoma												
State	County	FIPS	Urban or Rural	Coke Oven Emissions	Diesel PM	Ethylene Dibromide	Ethylene Dichloride	Ethylene Oxide	Formaldehyde	Hexachlorobenzene	Hydrazine	Lead	Manganese	Mercury	Methylene Chloride	Nickel
Oklahoma	Harmon County	40057	R	0.00E+00	1.40E-01	6.07E-03	5.24E-02	3.92E-05	1.94E-01	7.49E-05	0.00E+00	4.72E-06	8.98E-06	1.19E-03	1.22E-01	3.67E-06
Oklahoma	Harper County	40059	R	0.00E+00	1.17E-01	6.08E-03	5.21E-02	5.58E-06	1.87E-01	7.50E-05	1.20E-10	9.28E-07	2.05E-06	1.19E-03	1.21E-01	7.77E-06
Oklahoma	Haskell County	40061	R	0.00E+00	2.19E-01	6.08E-03	5.26E-02	3.33E-05	2.83E-01	7.50E-05	2.68E-11	9.97E-06	2.81E-05	1.19E-03	1.25E-01	6.30E-06
Oklahoma	Hughes County	40063	R	0.00E+00	2.57E-01	6.08E-03	5.24E-02	3.67E-05	3.04E-01	7.51E-05	4.07E-11	1.54E-05	1.68E-05	1.19E-03	1.25E-01	7.86E-06
Oklahoma	Jackson County	40065	U	0.00E+00	3.08E-01	6.08E-03	5.27E-02	5.02E-04	2.25E-01	7.54E-05	0.00E+00	4.32E-05	1.11E-04	1.19E-03	1.44E-01	4.72E-05
Oklahoma	Jefferson County	40067	R	0.00E+00	2.73E-01	6.08E-03	5.29E-02	1.35E-05	1.99E-01	7.52E-05	1.23E-12	9.53E-06	1.14E-05	1.19E-03	1.22E-01	5.61E-06
Oklahoma	Johnston County	40069	R	0.00E+00	3.05E-01	6.07E-03	5.24E-02	2.62E-05	2.47E-01	7.50E-05	8.80E-12	8.25E-06	1.61E-05	1.19E-03	1.24E-01	9.41E-06
Oklahoma	Kay County	40071	U	0.00E+00	3.62E-01	6.08E-03	5.27E-02	3.29E-04	2.77E-01	7.52E-05	9.73E-08	2.71E-04	1.28E-03	1.21E-03	1.61E-01	3.29E-03
Oklahoma	Kingfisher County	40073	R	0.00E+00	2.73E-01	6.07E-03	5.24E-02	3.39E-05	2.27E-01	7.52E-05	2.28E-10	1.51E-05	2.54E-05	1.19E-03	1.27E-01	1.13E-05
Oklahoma	Kiowa County	40075	R	0.00E+00	1.88E-01	6.07E-03	5.24E-02	1.56E-05	1.97E-01	7.51E-05	1.20E-12	5.97E-06	8.01E-06	1.19E-03	1.23E-01	2.69E-06
Oklahoma	Latimer County	40077	R	0.00E+00	2.19E-01	6.08E-03	5.24E-02	1.64E-05	3.28E-01	7.51E-05	6.68E-12	7.19E-06	1.73E-05	1.19E-03	1.28E-01	5.24E-06
Oklahoma	Le Flore County	40079	R	0.00E+00	2.12E-01	6.08E-03	5.21E-02	3.08E-05	2.68E-01	7.49E-05	3.19E-11	1.85E-04	1.79E-04	1.19E-03	1.37E-01	1.03E-05
Oklahoma	Lincoln County	40081	R	0.00E+00	3.02E-01	6.10E-03	5.27E-02	2.25E-05	2.45E-01	7.51E-05	1.67E-08	3.02E-05	7.51E-05	1.20E-03	1.26E-01	2.34E-05
Oklahoma	Logan County	40083	U	0.00E+00	3.97E-01	6.07E-03	5.26E-02	2.66E-04	3.68E-01	7.50E-05	1.28E-09	1.08E-04	1.80E-04	1.21E-03	2.30E-01	1.03E-04
Oklahoma	Love County	40085	R	0.00E+00	3.83E-01	6.09E-03	5.20E-02	1.06E-04	2.77E-01	7.50E-05	1.46E-11	1.80E-05	4.85E-05	1.19E-03	1.27E-01	6.49E-05
Oklahoma	McClain County	40087	U	0.00E+00	3.45E-01	6.08E-03	5.31E-02	1.43E-04	3.09E-01	7.52E-05	1.15E-09	1.17E-04	1.55E-04	1.21E-03	1.78E-01	1.66E-04
Oklahoma	McCurtain County	40089	R	0.00E+00	2.91E-01	6.08E-03	5.26E-02	3.71E-05	3.92E-01	7.51E-05	2.59E-12	3.25E-04	6.20E-04	1.22E-03	1.27E-01	3.04E-05
Oklahoma	McIntosh County	40091	R	0.00E+00	2.66E-01	6.08E-03	5.25E-02	4.82E-05	2.66E-01	7.51E-05	5.61E-11	3.22E-05	4.97E-05	1.20E-03	1.27E-01	2.34E-04
Oklahoma	Major County	40093	R	0.00E+00	1.93E-01	6.08E-03	5.24E-02	1.33E-05	1.96E-01	7.53E-05	7.22E-12	8.20E-06	7.29E-06	1.19E-03	1.23E-01	3.34E-06
Oklahoma	Marshall County	40095	R	0.00E+00	3.99E-01	6.08E-03	5.20E-02	3.21E-04	2.77E-01	7.50E-05	4.41E-11	3.09E-05	3.33E-05	1.19E-03	1.28E-01	3.09E-05
Oklahoma	Mayes County	40097	R	0.00E+00	3.56E-01	6.08E-03	5.27E-02	9.03E-05	3.21E-01	7.52E-05	1.12E-08	9.60E-05	1.24E-04	1.21E-03	1.34E-01	1.55E-04
Oklahoma	Murray County	40099	U	0.00E+00	3.08E-01	6.08E-03	5.21E-02	7.31E-05	2.49E-01	7.50E-05	1.02E-11	5.90E-05	9.18E-05	1.20E-03	1.27E-01	1.48E-04
Oklahoma	Muskogee County	40101	U	0.00E+00	3.82E-01	6.07E-03	5.23E-02	3.22E-04	3.11E-01	7.50E-05	1.10E-09	9.30E-05	1.57E-04	1.23E-03	1.50E-01	2.50E-03
Oklahoma	Noble County	40103	R	0.00E+00	2.81E-01	6.08E-03	5.22E-02	7.38E-05	2.28E-01	7.52E-05	8.57E-11	1.74E-04	4.81E-05	1.19E-03	1.26E-01	5.56E-05
Oklahoma	Nowata County	40105	R	0.00E+00	2.86E-01	6.08E-03	5.24E-02	7.19E-05	2.79E-01	7.50E-05	2.45E-10	1.29E-04	1.32E-04	1.20E-03	1.26E-01	2.60E-05
Oklahoma	Okfuskee County	40107	R	0.00E+00	2.78E-01	6.08E-03	5.26E-02	6.03E-05	3.00E-01	7.51E-05	7.78E-09	3.78E-05	4.54E-05	1.20E-03	1.25E-01	1.17E-05
Oklahoma	Oklahoma County	40109	U	0.00E+00	7.53E-01	6.08E-03	5.25E-02	1.64E-03	6.18E-01	7.50E-05	2.76E-08	5.10E-04	7.41E-04	1.29E-03	4.54E-01	4.65E-04
Oklahoma	Okmulgee County	40111	U	0.00E+00	3.62E-01	6.07E-03	5.27E-02	4.09E-04	4.72E-01	7.51E-05	6.06E-08	1.21E-04	3.16E-04	1.28E-03	1.46E-01	2.43E-03
Oklahoma	Osage County	40113	U	0.00E+00	2.95E-01	6.08E-03	5.25E-02	2.18E-04	3.16E-01	7.51E-05	1.41E-08	2.44E-04	3.24E-04	1.22E-03	1.33E-01	1.28E-03
Oklahoma	Ottawa County	40115	R	0.00E+00	4.10E-01	6.08E-03	5.27E-02	1.97E-04	3.14E-01	7.52E-05	1.57E-08	2.24E-03	6.12E-04	1.27E-03	2.54E-01	1.97E-04
Oklahoma	Pawnee County	40117	R	0.00E+00	3.08E-01	6.08E-03	5.26E-02	1.88E-04	3.18E-01	7.51E-05	6.51E-08	9.07E-05	2.52E-04	1.21E-03	1.35E-01	2.65E-04
Oklahoma	Payne County	40119	U	0.00E+00	4.19E-01	6.08E-03	5.27E-02	2.96E-04	2.91E-01	7.52E-05	1.98E-08	5.78E-04	2.38E-04	1.20E-03	1.56E-01	8.56E-05
Oklahoma	Pittsburg County	40121	R	0.00E+00	2.63E-01	6.08E-03	5.27E-02	6.10E-05	2.71E-01	7.50E-05	0.00E+00	2.56E-05	3.24E-05	1.19E-03	1.28E-01	1.53E-05
Oklahoma	Pontotoc County	40123	R	0.00E+00	2.98E-01	6.07E-03	5.23E-02	3.93E-05	2.72E-01	7.50E-05	2.23E-10	3.05E-05	4.22E-05	1.20E-03	1.25E-01	2.93E-05
Oklahoma	Pottawatomie County	40125	U	0.00E+00	3.20E-01	6.08E-03	5.24E-02	6.45E-05	2.86E-01	7.50E-05	1.13E-10	4.21E-05	4.43E-04	1.20E-03	1.47E-01	1.41E-04
Oklahoma	Pushmataha County	40127	R	0.00E+00	2.49E-01	6.08E-03	5.31E-02	1.13E-05	2.88E-01	7.51E-05	1.82E-10	8.97E-06	1.62E-05	1.19E-03	1.22E-01	5.62E-06
Oklahoma	Roger Mills County	40129	R	0.00E+00	1.27E-01	6.08E-03	5.27E-02	1.19E-05	1.95E-01	7.51E-05	2.55E-11	3.95E-06	6.33E-06	1.19E-03	1.21E-01	2.51E-06
Oklahoma	Rogers County	40131	U	0.00E+00	4.19E-01	6.08E-03	5.25E-02	5.08E-04	4.45E-01	7.51E-05	1.37E-09	2.27E-04	2.81E-04	1.23E-03	1.54E-01	1.20E-03
Oklahoma	Seminole County	40133	R	0.00E+00	3.00E-01	6.08E-03	5.26E-02	5.11E-05	3.06E-01	7.51E-05	1.84E-09	2.01E-04	1.99E-04	1.20E-03	1.28E-01	2.28E-05
Oklahoma	Sequoyah County	40135	R	0.00E+00	2.55E-01	6.07E-03	5.18E-02	3.28E-05	2.92E-01	7.48E-05	7.55E-10	2.38E-05	3.46E-05	1.20E-03	1.43E-01	3.12E-05
Oklahoma	Stephens County	40137	U	0.00E+00	3.59E-01	6.08E-03	5.23E-02	1.48E-04	2.84E-01	7.51E-05	4.06E-11	9.10E-05	1.74E-04	1.20E-03	1.44E-01	5.36E-05
Oklahoma	Texas County	40139	R	0.00E+00	1.72E-01	6.09E-03	5.27E-02	6.80E-05	2.53E-01	7.54E-05	0.00E+00	1.86E-05	5.87E-05	1.19E-03	1.31E-01	4.82E-05
Oklahoma	Tillman County	40141	R	0.00E+00	2.42E-01	6.08E-03	5.24E-02	4.14E-05	2.02E-01	7.51E-05	1.52E-10	1.08E-05	1.86E-05	1.19E-03	1.28E-01	1.68E-05
Oklahoma	Tulsa County	40143	U	0.00E+00	8.96E-01	6.08E-03	5.25E-02	2.63E-03	8.65E-01	7.50E-05	3.17E-08	2.38E-03	2.46E-03	1.49E-03	2.47E-01	1.37E-02
Oklahoma	Wagoner County	40145	U	0.00E+00	4.02E-01	6.08E-03	5.25E-02	3.39E-04	4.48E-01	7.50E-05	6.06E-09	4.16E-04	3.07E-04	1.24E-03	1.52E-01	1.80E-03
Oklahoma	Washington County	40147	U	0.00E+00	3.71E-01	6.08E-03	5.25E-02	2.16E-04	3.63E-01	7.50E-05	1.27E-08	4.37E-04	2.41E-04	1.24E-03	1.54E-01	1.32E-04
Oklahoma	Washita County	40149	R	0.00E+00	1.63E-01	6.08E-03	5.26E-02	1.13E-05	1.99E-01	7.51E-05	3.10E-11	6.89E-06	8.85E-06	1.19E-03	1.23E-01	4.07E-06
Oklahoma	Woods County	40151	U	0.00E+00	1.80E-01	6.09E-03	5.27E-02	2.34E-05	1.96E-01	7.53E-05	0.00E+00	6.13E-06	9.71E-06	1.19E-03	1.22E-01	4.07E-06
Oklahoma	Woodward County	40153	U	0.00E+00	2.13E-01	6.08E-03	5.27E-02	4.63E-04	2.40E-01	7.53E-05	7.81E-08	4.05E-05	1.02E-04	1.19E-03	1.39E-01	7.78E-05

				Estimated Annual Median Exposure Concentrations (ug/m3) for Oklahoma											
State	County	FIPS	Urban or Rural	PCBS	Perchloroethylene	POM (total)	Propylene Dichloride	Quinoline	Trichloroethylene	Vinyl Chloride					
Oklahoma	Harmon County	40057	R	3.00E-04	1.06E-01	5.68E-04	1.17E-06	0.00E+00	6.75E-02	2.42E-05					
Oklahoma	Harper County	40059	R	3.00E-04	1.06E-01	1.41E-04	2.20E-07	2.07E-09	6.72E-02	4.21E-06					
Oklahoma	Haskell County	40061	R	3.00E-04	1.07E-01	3.00E-03	8.28E-07	7.81E-10	6.79E-02	1.54E-05					
Oklahoma	Hughes County	40063	R	3.00E-04	1.07E-01	4.26E-03	1.71E-06	1.02E-09	6.77E-02	3.41E-05					
Oklahoma	Jackson County	40065	U	3.00E-04	1.13E-01	8.46E-03	4.32E-06	0.00E+00	7.05E-02	9.02E-05					
Oklahoma	Jefferson County	40067	R	3.00E-04	1.06E-01	8.56E-04	1.14E-06	3.08E-11	6.80E-02	2.33E-05					
Oklahoma	Johnston County	40069	R	3.00E-04	1.07E-01	2.32E-03	2.99E-06	1.94E-10	6.77E-02	6.25E-05					
Oklahoma	Kay County	40071	U	3.00E-04	1.25E-01	4.19E-02	2.98E-06	2.66E-07	7.47E-02	1.97E-05					
Oklahoma	Kingfisher County	40073	R	3.00E-04	1.09E-01	1.65E-03	1.67E-06	2.95E-09	6.78E-02	3.33E-05					
Oklahoma	Kiowa County	40075	R	3.00E-04	1.06E-01	6.17E-04	1.21E-06	2.44E-11	6.75E-02	2.45E-05					
Oklahoma	Latimer County	40077	R	3.00E-04	1.06E-01	3.79E-03	3.79E-07	1.71E-10	6.76E-02	1.49E-05					
Oklahoma	Le Flore County	40079	R	3.00E-04	1.08E-01	2.90E-03	7.79E-07	1.05E-09	6.85E-02	1.60E-05					
Oklahoma	Lincoln County	40081	R	3.01E-04	1.12E-01	2.34E-03	1.78E-06	3.14E-09	7.19E-02	3.55E-05					
Oklahoma	Logan County	40083	U	3.00E-04	1.35E-01	9.90E-03	6.82E-06	1.96E-08	7.24E-02	1.44E-04					
Oklahoma	Love County	40085	R	3.00E-04	1.10E-01	5.50E-03	2.18E-06	3.34E-10	6.77E-02	4.51E-05					
Oklahoma	McClain County	40087	U	3.00E-04	1.22E-01	5.09E-03	7.07E-06	5.43E-09	7.07E-02	1.43E-04					
Oklahoma	McCurtain County	40089	R	3.00E-04	1.10E-01	8.38E-03	1.99E-06	8.10E-11	6.79E-02	4.07E-05					
Oklahoma	McIntosh County	40091	R	3.00E-04	1.09E-01	5.67E-03	2.31E-06	2.06E-09	6.95E-02	4.60E-05					
Oklahoma	Major County	40093	R	3.00E-04	1.06E-01	4.95E-04	1.83E-06	1.42E-10	6.78E-02	3.86E-05					
Oklahoma	Marshall County	40095	R	3.00E-04	1.09E-01	3.59E-03	2.62E-06	7.63E-10	6.78E-02	5.26E-05					
Oklahoma	Mayes County	40097	R	3.00E-04	1.11E-01	1.05E-02	3.26E-06	1.45E-07	7.04E-02	1.25E-04					
Oklahoma	Murray County	40099	U	3.00E-04	1.10E-01	4.41E-03	1.65E-06	4.28E-10	6.78E-02	3.26E-05					
Oklahoma	Muskogee County	40101	U	3.00E-04	1.17E-01	4.04E-02	1.03E-05	9.15E-09	8.41E-02	2.06E-04					
Oklahoma	Noble County	40103	R	3.00E-04	1.17E-01	3.20E-03	1.90E-06	1.18E-09	6.86E-02	3.90E-05					
Oklahoma	Nowata County	40105	R	3.00E-04	1.08E-01	5.77E-03	1.37E-06	2.82E-09	6.84E-02	2.72E-05					
Oklahoma	Okfuskee County	40107	R	3.00E-04	1.13E-01	4.21E-03	1.06E-05	6.39E-09	6.86E-02	2.24E-04					
Oklahoma	Oklahoma County	40109	U	3.00E-04	2.16E-01	2.74E-02	1.87E-05	1.05E-07	8.80E-02	4.16E-04					
Oklahoma	Okmulgee County	40111	U	2.99E-04	1.22E-01	1.15E-02	7.65E-06	1.41E-07	7.33E-02	1.33E-04					
Oklahoma	Osage County	40113	U	3.00E-04	1.19E-01	8.39E-03	2.77E-06	2.31E-08	7.46E-02	5.64E-05					
Oklahoma	Ottawa County	40115	R	3.00E-04	1.16E-01	9.81E-03	4.21E-06	5.04E-08	6.93E-02	8.03E-05					
Oklahoma	Pawnee County	40117	R	3.00E-04	1.11E-01	7.14E-03	1.60E-06	1.68E-08	7.09E-02	2.91E-05					
Oklahoma	Payne County	40119	U	3.00E-04	1.75E-01	1.56E-02	9.91E-06	2.49E-08	7.12E-02	2.05E-04					
Oklahoma	Pittsburg County	40121	R	3.00E-04	1.07E-01	3.10E-03	1.35E-06	0.00E+00	6.80E-02	2.64E-05					
Oklahoma	Pontotoc County	40123	R	3.00E-04	1.11E-01	4.03E-03	1.30E-06	3.39E-09	6.80E-02	2.45E-05					
Oklahoma	Pottawatomie County	40125	U	3.00E-04	1.15E-01	4.35E-03	7.94E-07	1.99E-09	7.87E-02	1.18E-05					
Oklahoma	Pushmataha County	40127	R	3.00E-04	1.05E-01	2.79E-03	2.02E-07	9.00E-10	6.80E-02	3.19E-06					
Oklahoma	Roger Mills County	40129	R	3.00E-04	1.06E-01	4.17E-04	2.80E-07	4.44E-10	6.76E-02	4.48E-06					
Oklahoma	Rogers County	40131	U	3.00E-04	1.29E-01	1.56E-02	5.34E-06	2.27E-08	7.61E-02	1.09E-04					
Oklahoma	Seminole County	40133	R	3.00E-04	1.09E-01	5.56E-03	2.00E-06	7.29E-09	6.96E-02	3.66E-05					
Oklahoma	Sequoyah County	40135	R	3.00E-04	1.09E-01	5.06E-03	6.17E-07	7.51E-09	6.85E-02	5.92E-06					
Oklahoma	Stephens County	40137	U	3.00E-04	1.19E-01	1.28E-02	3.83E-06	6.87E-10	6.93E-02	7.71E-05					
Oklahoma	Texas County	40139	R	3.01E-04	1.13E-01	4.10E-03	3.74E-07	0.00E+00	6.88E-02	7.06E-06					
Oklahoma	Tillman County	40141	R	3.00E-04	1.08E-01	1.20E-03	2.95E-06	2.14E-09	6.84E-02	6.19E-05					
Oklahoma	Tulsa County	40143	U	3.00E-04	2.36E-01	4.43E-02	9.29E-06	5.21E-08	1.47E-01	1.79E-04					
Oklahoma	Wagoner County	40145	U	3.00E-04	1.27E-01	1.72E-02	8.14E-06	3.16E-08	8.37E-02	1.59E-04					
Oklahoma	Washington County	40147	U	3.00E-04	1.37E-01	1.51E-02	5.72E-06	4.59E-08	7.08E-02	9.53E-05					
Oklahoma	Washita County	40149	R	3.00E-04	1.06E-01	6.82E-04	8.51E-07	3.86E-10	6.78E-02	1.76E-05					
Oklahoma	Woods County	40151	U	3.00E-04	1.07E-01	6.84E-04	1.03E-07	0.00E+00	6.79E-02	1.83E-06					
Oklahoma	Woodward County	40153	U	3.00E-04	1.19E-01	7.84E-03	3.12E-06	2.31E-07	6.98E-02	2.66E-05					