US EPA ARCHIVE DOCUMENT

1996 Modeled Ambient Concentration for South Dakota

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

- The modeled estimates presented here are not a direct indicator of risk because they do not factor in the extent to which people are exposed to these pollutants or the widely varying toxic potential of different substances. EPA uses these ambient concentration estimates in combination with exposure modeling and health effects information to estimate risk.
- The emissions used in this assessment do not reflect potentially significant emission reductions that have taken effect since 1996, including those from: 1) mobile source regulations which are being phased in over time; 2) many of the air toxics regulations EPA has issued for major industrial sources; 3) State or industry initiatives; and 4) any facility closures.
- Methods of estimating emissions, as well as simplified modeling assumptions, may introduce significant uncertainties into each component of the assessment.

  For a discussion of limitations, please see http://www.epa.gov/ttn/atw/nata/natsalim2.html
- Because of these uncertainties, EPA will not use the results of this assessment to determine source-specific contributions or to set regulatory requirements. However, EPA expects to use these results to inform decisions about the priorities of the air toxics program as well as to guide the collection of additional data that could lead to regulatory decisions.
- Note that based on the persistence and bioaccumulation potential of lead, mercury, PCBs (polychlorinated biphenyls), hexachlorobenzene, 7-PAH (polycyclic aromatic hydrocarbons), POM (polycyclic organic matter) and cadmium, ingestion rather than inhalation may contribute substantially to exposures of concern, and this assessment does not address pollutant levels that may be ingested from food, water, or soil.

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration

Estimated Annual Average Ambient Concentrations (µg/m^3) for South Dakota

					Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
State	County	FIPS	Urban or Rural	Pollutant	5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Dakota	Statewide	N/A	N/A	Acetaldehyde	6.20E-03	8.96E-03	1.54E-02	3.52E-02	8.86E-02	1.16E-01	2.78E-01	2.96E-01	2.87E-07	1.94E-02	4.85E-02	2.08E-02	0.00E+00
South Dakota	Statewide	N/A	N/A	Acrolein	8.87E-04	1.32E-03	2.11E-03	5.53E-03	2.07E-02	2.61E-02	5.69E-02	8.69E-02	1.46E-07	1.24E-02	5.60E-03	2.74E-03	0.00E+00
South Dakota	Statewide	N/A	N/A	Acrylonitrile	5.94E-07	1.05E-06	3.47E-06	2.10E-05	4.24E-05	5.77E-05	1.30E-04	1.49E-04	0.00E+00	4.24E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Statewide	N/A	N/A	Arsenic Compounds	6.65E-08	9.26E-08	2.29E-07	1.46E-06	1.67E-05	1.80E-05	4.67E-05	8.97E-05	2.38E-07	1.64E-05	7.48E-08	9.88E-11	0.00E+00
South Dakota	Statewide	N/A	N/A	Benzene	4.87E-01	4.90E-01	4.98E-01	5.30E-01	6.66E-01	7.31E-01	1.07E+00	1.20E+00	1.48E-05	3.89E-02	1.05E-01	4.18E-02	4.80E-01
South Dakota	Statewide	N/A	N/A	Beryllium Compounds	1.92E-08	2.61E-08	6.58E-08	3.32E-07	2.70E-06	3.84E-06	8.87E-06	1.17E-05	1.25E-08	2.69E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Statewide	N/A	N/A	1,3-Butadiene	5.47E-04	6.25E-04	1.19E-03	3.45E-03	2.08E-02	2.68E-02	6.82E-02	8.45E-02	0.00E+00	5.13E-03	1.03E-02	5.35E-03	0.00E+00
South Dakota	Statewide	N/A	N/A	Cadmium Compounds	5.55E-08	1.39E-07	3.45E-07	1.06E-06	6.12E-06	8.57E-06	1.81E-05	2.88E-05	3.05E-08	6.09E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Statewide	N/A	N/A	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.90E-05	0.00E+00	0.00E+00	8.80E-01
South Dakota	Statewide	N/A	N/A	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.31E-02	8.32E-02	8.33E-02	8.35E-02	8.37E-02	0.00E+00	1.86E-04	0.00E+00	0.00E+00	8.30E-02
South Dakota	Statewide	N/A	N/A	Chromium Compounds	4.85E-07	7.06E-07	1.97E-06	7.69E-06	4.03E-05	4.83E-05	9.68E-05	1.36E-04	7.37E-06	2.36E-05	5.00E-06	4.38E-06	0.00E+00
South Dakota	Statewide	N/A	N/A	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Statewide	N/A	N/A	1,3-Dichloropropene	2.03E-04	2.63E-04	6.16E-04	2.64E-03	1.91E-02	2.99E-02	6.30E-02	7.84E-02	0.00E+00	1.91E-02	0.00E+00	0.00E+00	0.00E+00
South Dakota	Statewide	N/A	N/A	Diesel Particulate Matter	7.71E-02	9.06E-02	1.86E-01	3.13E-01	3.84E-01	4.88E-01	7.47E-01	9.13E-01	0.00E+00	0.00E+00	8.27E-02	3.01E-01	***
South Dakota	Statewide	N/A	N/A	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	4.80E-08	0.00E+00	0.00E+00	7.70E-03
South Dakota	Statewide	N/A	N/A	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	2.51E-08	1.31E-05	0.00E+00	0.00E+00	6.10E-02
South Dakota	Statewide	N/A	N/A	Ethylene Oxide	2.47E-06	4.53E-06	1.39E-05	6.20E-05	7.05E-04	6.92E-04	2.46E-03	3.86E-03	0.00E+00	7.05E-04	0.00E+00	0.00E+00	0.00E+00
South Dakota	Statewide	N/A	N/A	Formaldehyde	2.58E-01	2.61E-01	2.69E-01	2.97E-01	3.98E-01	4.48E-01	7.25E-01	8.61E-01	5.17E-03	5.89E-02	5.42E-02	3.00E-02	2.50E-01
South Dakota	Statewide	N/A	N/A	Hexachlorobenzene	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.34E-05	9.36E-05	0.00E+00	1.76E-07	0.00E+00	0.00E+00	9.30E-05
South Dakota	Statewide	N/A	N/A	Hydrazine	0.00E+00	0.00E+00	0.00E+00	1.34E-10	1.16E-08	5.86E-09	3.36E-08	6.29E-08	0.00E+00	1.16E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Statewide	N/A	N/A	Lead Compounds	1.14E-06	2.94E-06	1.38E-05	5.10E-05	3.71E-04	5.08E-04	9.66E-04	1.47E-03	2.50E-07	9.45E-05	7.10E-06	2.69E-04	0.00E+00
South Dakota	Statewide	N/A	N/A	Manganese Compounds	3.23E-06	4.74E-06	1.43E-05	1.97E-04	2.08E-03	1.27E-03	3.79E-03	7.62E-03	9.22E-04	1.15E-03	2.06E-06	5.74E-06	0.00E+00
South Dakota	Statewide	N/A	N/A	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.52E-03	1.53E-03	1.58E-03	1.60E-03	8.95E-08	2.22E-05	6.77E-08	1.12E-06	1.50E-03
South Dakota	Statewide	N/A	N/A	Methylene Chloride	1.50E-01	1.51E-01	1.51E-01	1.57E-01	1.92E-01	2.00E-01	2.78E-01	3.57E-01	1.45E-04	4.14E-02	0.00E+00	0.00E+00	1.50E-01
South Dakota	Statewide	N/A	N/A	Nickel Compounds	7.16E-07	1.07E-06	3.26E-06	1.66E-05	1.57E-04	1.57E-04	5.01E-04	8.26E-04	1.62E-07	1.51E-04	3.85E-06	2.77E-06	0.00E+00
South Dakota	Statewide	N/A	N/A	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.42E-01	1.65E-01	1.75E-01	2.18E-01	2.40E-01	2.55E-08	2.46E-02	0.00E+00	0.00E+00	1.40E-01
South Dakota	Statewide	N/A	N/A	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
South Dakota	Statewide	N/A	N/A	Polycyclic Organic Matter	2.70E-04	3.72E-04	7.95E-04	3.19E-03	1.99E-02	3.31E-02	6.40E-02	7.35E-02	1.72E-06	1.98E-02	3.52E-05	1.58E-05	0.00E+00
South Dakota	Statewide	N/A	N/A	7-PAH	2.27E-05	3.40E-05	6.06E-05	1.95E-04	1.34E-03	1.95E-03	4.39E-03	5.18E-03	2.45E-10	1.32E-03	1.56E-05	6.62E-06	0.00E+00
South Dakota	Statewide	N/A	N/A	Propylene Dichloride	1.93E-08	3.59E-08	1.78E-07	1.32E-06	2.67E-06	3.50E-06	8.26E-06	1.00E-05	0.00E+00	2.67E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Statewide	N/A	N/A	Quinoline	0.00E+00	0.00E+00	0.00E+00	2.60E-09	3.42E-08	2.57E-08	9.02E-08	1.74E-07	0.00E+00	3.42E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Statewide	N/A	N/A	1,1,2,2-Tetrachloroethane	3.95E-09	1.34E-07	1.27E-06	9.62E-06	2.02E-05	2.77E-05	6.27E-05	7.11E-05	0.00E+00	2.02E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Statewide	N/A	N/A	Trichloroethylene	8.10E-02	8.11E-02	8.12E-02	8.24E-02	9.33E-02	9.06E-02	1.22E-01	1.39E-01	8.91E-04	1.15E-02	0.00E+00	0.00E+00	8.10E-02
South Dakota	Statewide	N/A	N/A	Vinyl Chloride	1.44E-08	3.16E-07	3.62E-06	2.37E-05	5.14E-05	6.99E-05	1.61E-04	1.82E-04	0.00E+00	5.14E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	All Urban Counties	N/A	U	Acetaldehyde	1.34E-02	1.91E-02	3.99E-02	1.13E-01	1.45E-01	2.65E-01	2.92E-01	3.14E-01	2.55E-07	3.07E-02	8.05E-02	3.36E-02	0.00E+00
South Dakota	All Urban Counties	N/A	U	Acrolein	1.67E-03	3.53E-03	9.69E-03	2.27E-02	3.38E-02	4.33E-02	8.11E-02	1.09E-01	1.30E-07	1.98E-02	9.29E-03	4.72E-03	0.00E+00
South Dakota	All Urban Counties	N/A	U	Acrylonitrile	1.21E-05	1.48E-05	2.85E-05	5.55E-05	7.20E-05	1.15E-04	1.45E-04	1.76E-04	0.00E+00	7.20E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	All Urban Counties	N/A	U	Arsenic Compounds	2.67E-07	5.89E-07	3.29E-06	1.56E-05	3.09E-05	4.01E-05	7.70E-05	1.35E-04	2.09E-07	3.05E-05	1.30E-07	5.79E-11	0.00E+00
South Dakota	All Urban Counties	N/A	U	Benzene	4.96E-01	5.06E-01	5.58E-01	7.11E-01	8.03E-01	1.02E+00	1.14E+00	1.33E+00	4.16E-06	6.41E-02	1.83E-01	7.56E-02	4.80E-01

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration

Estimated Annual Average Ambient Concentrations (μg/m^3) for South Dakota

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Dakota	All Urban Counties	N/A	U	Beryllium Compounds	6.73E-08	1.38E-07	5.05E-07	3.27E-06	4.96E-06	7.89E-06	1.16E-05	1.64E-05	1.11E-08	4.95E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	All Urban Counties	N/A	U	1,3-Butadiene	1.05E-03	1.68E-03	8.66E-03	2.31E-02	3.64E-02	6.04E-02	8.16E-02	1.02E-01	0.00E+00	7.99E-03	1.84E-02	9.95E-03	0.00E+00
South Dakota	All Urban Counties	N/A	U	Cadmium Compounds	4.52E-07	7.12E-07	2.04E-06	8.44E-06	1.11E-05	1.67E-05	2.83E-05	3.29E-05	2.68E-08	1.10E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	All Urban Counties	N/A	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	3.14E-05	0.00E+00	0.00E+00	8.80E-01
South Dakota	All Urban Counties	N/A	U	Chloroform	8.30E-02	8.30E-02	8.31E-02	8.33E-02	8.33E-02	8.35E-02	8.37E-02	8.38E-02	0.00E+00	3.23E-04	0.00E+00	0.00E+00	8.30E-02
South Dakota	All Urban Counties	N/A	U	Chromium Compounds	2.62E-06	4.20E-06	1.25E-05	4.56E-05	7.24E-05	7.78E-05	1.36E-04	1.87E-04	1.37E-05	4.27E-05	8.68E-06	7.32E-06	0.00E+00
South Dakota	All Urban Counties	N/A	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	All Urban Counties	N/A	U	1,3-Dichloropropene	5.50E-04	9.30E-04	3.79E-03	2.73E-02	3.48E-02	5.47E-02	7.50E-02	9.27E-02	0.00E+00	3.48E-02	0.00E+00	0.00E+00	0.00E+00
South Dakota	All Urban Counties	N/A	U	Diesel Particulate Matter	9.60E-02	1.26E-01	2.36E-01	4.41E-01	5.05E-01	7.26E-01	8.87E-01	1.02E+00	0.00E+00	0.00E+00	1.19E-01	3.87E-01	***
South Dakota	All Urban Counties	N/A	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	8.27E-08	0.00E+00	0.00E+00	7.70E-03
South Dakota	All Urban Counties	N/A	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	2.17E-08	2.28E-05	0.00E+00	0.00E+00	6.10E-02
South Dakota	All Urban Counties	N/A	U	Ethylene Oxide	1.11E-05	2.12E-05	8.06E-05	5.82E-04	1.31E-03	1.77E-03	3.59E-03	5.70E-03	0.00E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00
South Dakota	All Urban Counties	N/A	U	Formaldehyde	2.66E-01	2.80E-01	3.23E-01	4.04E-01	4.94E-01	6.16E-01	8.38E-01	8.79E-01	9.66E-03	9.26E-02	9.22E-02	4.93E-02	2.50E-01
South Dakota	All Urban Counties	N/A	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.32E-05	9.33E-05	9.35E-05	9.37E-05	0.00E+00	2.15E-07	0.00E+00	0.00E+00	9.30E-05
South Dakota	All Urban Counties	N/A	U	Hydrazine	0.00E+00	0.00E+00	9.45E-11	4.08E-09	2.07E-08	2.10E-08	4.93E-08	1.05E-07	0.00E+00	2.07E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	All Urban Counties	N/A	U	Lead Compounds	2.10E-05	3.10E-05	1.12E-04	4.96E-04	6.80E-04	8.38E-04	1.43E-03	1.56E-03	2.19E-07	1.66E-04	1.23E-05	5.01E-04	0.00E+00
South Dakota	All Urban Counties	N/A	U	Manganese Compounds	1.40E-05	4.54E-05	3.05E-04	9.75E-04	3.60E-03	2.72E-03	6.71E-03	1.18E-02	1.46E-03	2.13E-03	3.59E-06	9.82E-06	0.00E+00
South Dakota	All Urban Counties	N/A	U	Mercury Compounds	1.50E-03	1.51E-03	1.51E-03	1.53E-03	1.54E-03	1.57E-03	1.60E-03	1.61E-03	5.92E-08	3.83E-05	1.17E-07	1.84E-06	1.50E-03
South Dakota	All Urban Counties	N/A	U	Methylene Chloride	1.51E-01	1.52E-01	1.58E-01	1.96E-01	2.26E-01	2.62E-01	3.57E-01	3.88E-01	8.32E-05	7.60E-02	0.00E+00	0.00E+00	1.50E-01
South Dakota	All Urban Counties	N/A	U	Nickel Compounds	3.26E-06	6.72E-06	2.07E-05	1.47E-04	2.91E-04	4.25E-04	8.05E-04	9.86E-04	1.43E-07	2.79E-04	6.67E-06	4.80E-06	0.00E+00
South Dakota	All Urban Counties	N/A	U	Perchloroethylene	1.41E-01	1.41E-01	1.46E-01	1.74E-01	1.86E-01	2.09E-01	2.39E-01	2.95E-01	2.22E-08	4.57E-02	0.00E+00	0.00E+00	1.40E-01
South Dakota	All Urban Counties	N/A	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
South Dakota	All Urban Counties	N/A	U	Polycyclic Organic Matter	6.45E-04	1.49E-03	7.76E-03	3.04E-02	3.56E-02	5.61E-02	7.11E-02	8.79E-02	4.33E-07	3.55E-02	6.08E-05	2.85E-05	0.00E+00
South Dakota	All Urban Counties	N/A	U	7-PAH	5.95E-05	1.14E-04	6.01E-04	1.94E-03	2.36E-03	3.94E-03	5.15E-03	5.74E-03	2.16E-10	2.32E-03	2.70E-05	1.18E-05	0.00E+00
South Dakota	All Urban Counties	N/A	U	Propylene Dichloride	5.76E-07	8.70E-07	1.69E-06	3.39E-06	4.56E-06	7.66E-06	9.79E-06	1.11E-05	0.00E+00	4.56E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	All Urban Counties	N/A	U	Quinoline	0.00E+00	0.00E+00	2.24E-09	1.64E-08	5.92E-08	7.16E-08	1.31E-07	3.11E-07	0.00E+00	5.92E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	All Urban Counties	N/A	U	1,1,2,2-Tetrachloroethane	3.64E-06	7.29E-06	1.37E-05	2.68E-05	3.46E-05	5.38E-05	7.03E-05	8.44E-05	0.00E+00	3.46E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	All Urban Counties	N/A	U	Trichloroethylene	8.11E-02	8.13E-02	8.28E-02	9.02E-02	1.04E-01	1.09E-01	1.38E-01	1.65E-01	1.57E-03	2.14E-02	0.00E+00	0.00E+00	8.10E-02
South Dakota	All Urban Counties	N/A	U	Vinyl Chloride	9.05E-06	1.80E-05	3.38E-05	6.67E-05	8.80E-05	1.42E-04	1.80E-04	2.16E-04	0.00E+00	8.80E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	All Rural Counties	N/A	R	Acetaldehyde	3.45E-03	6.60E-03	1.04E-02	1.72E-02	2.70E-02	2.89E-02	5.79E-02	8.95E-02	3.23E-07	6.98E-03	1.33E-02	6.74E-03	0.00E+00
South Dakota	All Rural Counties	N/A	R	Acrolein	6.18E-04	8.87E-04	1.44E-03	2.27E-03	6.38E-03	3.76E-03	7.76E-03	1.60E-02	1.64E-07	4.24E-03	1.56E-03	5.80E-04	0.00E+00
South Dakota	All Rural Counties	N/A	R	Acrylonitrile	3.19E-07	5.94E-07	1.56E-06	3.54E-06	1.00E-05	1.27E-05	2.56E-05	4.02E-05	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	All Rural Counties	N/A	R	Arsenic Compounds	4.46E-08	6.65E-08	1.34E-07	2.53E-07	1.20E-06	9.37E-07	1.89E-06	4.07E-06	2.69E-07	9.18E-07	1.47E-08	1.44E-10	0.00E+00
South Dakota	All Rural Counties	N/A	R	Benzene	4.84E-01	4.87E-01	4.91E-01	5.00E-01	5.15E-01	5.16E-01	5.52E-01	5.88E-01	2.64E-05	1.12E-02	1.91E-02	4.75E-03	4.80E-01
South Dakota	All Rural Counties	N/A	R	Beryllium Compounds	1.21E-08	1.92E-08	3.83E-08	7.18E-08	2.28E-07	2.39E-07	4.58E-07	6.74E-07	1.40E-08	2.14E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	All Rural Counties	N/A	R	1,3-Butadiene	3.81E-04	5.64E-04	7.88E-04	1.33E-03	3.67E-03	2.70E-03	4.49E-03	7.20E-03	0.00E+00	2.00E-03	1.36E-03	3.12E-04	0.00E+00
South Dakota	All Rural Counties	N/A	R	Cadmium Compounds	2.54E-08	5.55E-08	1.60E-07	3.58E-07	7.21E-07	8.26E-07	1.48E-06	2.58E-06	3.46E-08	6.86E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	All Rural Counties	N/A	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	5.51E-06	0.00E+00	0.00E+00	8.80E-01
South Dakota	All Rural Counties	N/A	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.31E-02	8.31E-02	0.00E+00	3.63E-05	0.00E+00	0.00E+00	8.30E-02
South Dakota	All Rural Counties	N/A	R	Chromium Compounds	2.64E-07	4.85E-07	9.83E-07	1.94E-06	5.09E-06	5.52E-06	9.34E-06	1.51E-05	3.84E-07	2.58E-06	9.78E-07	1.16E-06	0.00E+00
South Dakota	All Rural Counties	N/A	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	All Rural Counties	N/A	R	1,3-Dichloropropene	1.02E-04	2.03E-04	4.09E-04	6.54E-04	1.78E-03	1.79E-03	3.72E-03	5.17E-03	0.00E+00	1.78E-03	0.00E+00	0.00E+00	0.00E+00
South Dakota	All Rural Counties	N/A	R	Diesel Particulate Matter	7.11E-02	7.86E-02	1.58E-01	2.59E-01	2.51E-01	3.39E-01	4.32E-01	4.62E-01	0.00E+00	0.00E+00	4.32E-02	2.08E-01	***
South Dakota	All Rural Counties	N/A	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	1.01E-08	0.00E+00	0.00E+00	7.70E-03
South Dakota	All Rural Counties	N/A	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	2.89E-08	2.62E-06	0.00E+00	0.00E+00	6.10E-02
South Dakota	All Rural Counties	N/A	R	Ethylene Oxide	9.98E-07	2.47E-06	6.36E-06	1.54E-05	4.61E-05	4.08E-05	1.20E-04	1.82E-04	0.00E+00	4.61E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	All Rural Counties	N/A	R	Formaldehyde	2.55E-01	2.58E-01	2.64E-01	2.70E-01	2.94E-01	2.85E-01	3.17E-01	3.62E-01	2.37E-04	2.19E-02	1.27E-02	8.77E-03	2.50E-01
South Dakota	All Rural Counties	N/A	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.33E-05	9.34E-05	0.00E+00	1.33E-07	0.00E+00	0.00E+00	9.30E-05
South Dakota	All Rural Counties	N/A	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	9.14E-12	1.67E-09	3.14E-10	1.57E-09	7.84E-09	0.00E+00	1.67E-09	0.00E+00	0.00E+00	0.00E+00
South Dakota	All Rural Counties	N/A	R	Lead Compounds	8.01E-07	1.14E-06	3.76E-06	1.44E-05	3.22E-05	3.19E-05	7.68E-05	9.96E-05	2.83E-07	1.59E-05	1.36E-06	1.46E-05	0.00E+00
South Dakota	All Rural Counties	N/A	R	Manganese Compounds	2.13E-06	3.57E-06	6.78E-06	1.81E-05	4.12E-04	6.48E-05	7.13E-04	3.15E-03	3.38E-04	7.22E-05	3.89E-07	1.27E-06	0.00E+00
South Dakota	All Rural Counties	N/A	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.23E-07	4.64E-06	1.32E-08	3.34E-07	1.50E-03
South Dakota	All Rural Counties	N/A	R	Methylene Chloride	1.50E-01	1.50E-01	1.51E-01	1.51E-01	1.54E-01	1.53E-01	1.59E-01	1.66E-01	2.12E-04	3.54E-03	0.00E+00	0.00E+00	1.50E-01
South Dakota	All Rural Counties	N/A	R	Nickel Compounds	4.53E-07	7.16E-07	1.28E-06	3.67E-06	1.12E-05	1.06E-05	2.27E-05	6.03E-05	1.83E-07	9.77E-06	7.53E-07	5.33E-07	0.00E+00
South Dakota	All Rural Counties	N/A	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.41E-01	1.41E-01	1.43E-01	1.46E-01	2.92E-08	1.38E-03	0.00E+00	0.00E+00	1.40E-01

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration

Estimated Annual Average Ambient Concentrations (μg/m^3) for South Dakota

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Dakota	All Rural Counties	N/A	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
South Dakota	All Rural Counties	N/A	R	Polycyclic Organic Matter	1.83E-04	2.70E-04	5.17E-04	8.85E-04	2.62E-03	2.75E-03	5.52E-03	9.79E-03	3.13E-06	2.61E-03	7.04E-06	1.99E-06	0.00E+00
South Dakota	All Rural Counties	N/A	R	7-PAH	1.62E-05	2.29E-05	3.75E-05	6.69E-05	2.30E-04	1.50E-04	3.03E-04	6.77E-04	2.76E-10	2.26E-04	3.13E-06	9.12E-07	0.00E+00
South Dakota	All Rural Counties	N/A	R	Propylene Dichloride	9.52E-09	1.93E-08	6.20E-08	1.78E-07	5.95E-07	7.41E-07	1.53E-06	2.55E-06	0.00E+00	5.95E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	All Rural Counties	N/A	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	2.28E-10	6.83E-09	2.69E-09	1.13E-08	3.99E-08	0.00E+00	6.83E-09	0.00E+00	0.00E+00	0.00E+00
South Dakota	All Rural Counties	N/A	R	1,1,2,2-Tetrachloroethane	1.45E-09	3.95E-09	4.17E-07	1.33E-06	4.45E-06	5.61E-06	1.18E-05	1.87E-05	0.00E+00	4.45E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	All Rural Counties	N/A	R	Trichloroethylene	8.10E-02	8.10E-02	8.11E-02	8.12E-02	8.17E-02	8.20E-02	8.28E-02	8.42E-02	1.51E-04	5.48E-04	0.00E+00	0.00E+00	8.10E-02
South Dakota	All Rural Counties	N/A	R	Vinyl Chloride	5.54E-09	1.44E-08	1.03E-06	3.70E-06	1.14E-05	1.49E-05	2.92E-05	4.92E-05	0.00E+00	1.14E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Aurora	46003	R	Acetaldehyde	1.32E-02	1.32E-02	1.32E-02	1.33E-02	1.33E-02	1.34E-02	1.34E-02	1.34E-02	0.00E+00	9.27E-04	7.98E-03	4.39E-03	0.00E+00
South Dakota	Aurora	46003	R	Acrolein	1.44E-03	1.44E-03	1.44E-03	1.54E-03	1.54E-03	1.63E-03	1.63E-03	1.63E-03	0.00E+00	2.53E-04	9.88E-04	2.96E-04	0.00E+00
South Dakota	Aurora	46003	R	Acrylonitrile	6.81E-06	6.81E-06	6.81E-06	6.97E-06	6.97E-06	7.12E-06	7.12E-06	7.12E-06	0.00E+00	6.97E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Aurora	46003	R	Arsenic Compounds	1.68E-07	1.68E-07	1.68E-07	1.77E-07	1.77E-07	1.86E-07	1.86E-07	1.86E-07	0.00E+00	1.69E-07	8.04E-09	0.00E+00	0.00E+00
South Dakota	Aurora	46003	R	Benzene	4.93E-01	4.93E-01	4.93E-01	4.94E-01	4.94E-01	4.94E-01	4.94E-01	4.94E-01	0.00E+00	1.12E-03	1.02E-02	2.28E-03	4.80E-01
South Dakota	Aurora	46003	R	Beryllium Compounds	4.66E-08	4.66E-08	4.66E-08	4.99E-08	4.99E-08	5.32E-08	5.32E-08	5.32E-08	0.00E+00	4.99E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Aurora	46003	R	1,3-Butadiene	7.70E-04	7.70E-04	7.70E-04	8.03E-04	8.03E-04	8.37E-04	8.37E-04	8.37E-04	0.00E+00	7.08E-05	5.83E-04	1.50E-04	0.00E+00
South Dakota	Aurora	46003	R	Cadmium Compounds	3.05E-07	3.05E-07	3.05E-07	3.23E-07	3.23E-07	3.42E-07	3.42E-07	3.42E-07	0.00E+00	3.23E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Aurora	46003	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	3.34E-06	0.00E+00	0.00E+00	8.80E-01
South Dakota	Aurora	46003	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	0.00E+00	1.97E-05	0.00E+00	0.00E+00	8.30E-02
South Dakota	Aurora	46003	R	Chromium Compounds	1.60E-06	1.60E-06	1.60E-06	1.68E-06	1.68E-06	1.77E-06	1.77E-06	1.77E-06	0.00E+00	6.06E-07	5.21E-07	5.57E-07	0.00E+00
South Dakota	Aurora	46003	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Aurora	46003	R	1,3-Dichloropropene	4.51E-04	4.51E-04	4.51E-04	4.79E-04	4.79E-04	5.08E-04	5.08E-04	5.08E-04	0.00E+00	4.79E-04	0.00E+00	0.00E+00	0.00E+00
South Dakota	Aurora	46003	R	Diesel Particulate Matter	2.11E-01	2.11E-01	2.11E-01	2.19E-01	2.19E-01	2.28E-01	2.28E-01	2.28E-01	0.00E+00	0.00E+00	3.56E-02	1.84E-01	***
South Dakota	Aurora	46003	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	5.69E-09	0.00E+00	0.00E+00	7.70E-03
South Dakota	Aurora	46003	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	1.08E-06	0.00E+00	0.00E+00	6.10E-02
South Dakota	Aurora	46003	R	Ethylene Oxide	7.98E-06	7.98E-06	7.98E-06	8.16E-06	8.16E-06	8.34E-06	8.34E-06	8.34E-06	0.00E+00	8.16E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Aurora	46003	R	Formaldehyde	2.64E-01	2.64E-01	2.64E-01	2.65E-01	2.65E-01	2.65E-01	2.65E-01	2.65E-01	0.00E+00	1.96E-03	7.36E-03	5.59E-03	2.50E-01
South Dakota	Aurora	46003	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	1.37E-07	0.00E+00	0.00E+00	9.30E-05
South Dakota	Aurora	46003	R	Hydrazine	8.07E-11	8.07E-11	8.07E-11	1.07E-10	1.07E-10	1.34E-10	1.34E-10	1.34E-10	0.00E+00	1.07E-10	0.00E+00	0.00E+00	0.00E+00
South Dakota	Aurora	46003	R	Lead Compounds	1.25E-05	1.25E-05	1.25E-05	1.62E-05	1.62E-05	1.99E-05	1.99E-05	1.99E-05	0.00E+00	6.36E-06	7.09E-07	9.15E-06	0.00E+00
South Dakota	Aurora	46003	R	Manganese Compounds	1.27E-03	1.27E-03	1.27E-03	2.08E-03	2.08E-03	2.90E-03	2.90E-03	2.90E-03	2.05E-03	2.98E-05	2.01E-07	6.18E-07	0.00E+00
South Dakota	Aurora	46003	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	0.00E+00	3.30E-06	7.04E-09	1.63E-07	1.50E-03
South Dakota	Aurora	46003	R	Methylene Chloride	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	0.00E+00	8.48E-04	0.00E+00	0.00E+00	1.50E-01
South Dakota	Aurora	46003	R	Nickel Compounds	2.28E-06	2.28E-06	2.28E-06	2.36E-06	2.36E-06	2.45E-06	2.45E-06	2.45E-06	0.00E+00	1.71E-06	4.04E-07	2.53E-07	0.00E+00
South Dakota	Aurora	46003	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	0.00E+00	2.91E-04	0.00E+00	0.00E+00	1.40E-01
South Dakota	Aurora	46003	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
South Dakota	Aurora	46003	R	Polycyclic Organic Matter	5.33E-04	5.33E-04	5.33E-04	5.62E-04	5.62E-04	5.92E-04	5.92E-04	5.92E-04	0.00E+00	5.58E-04	3.83E-06	8.80E-07	0.00E+00
South Dakota	Aurora	46003	R	7-PAH	3.43E-05	3.43E-05	3.43E-05	3.92E-05	3.92E-05	4.41E-05	4.41E-05	4.41E-05	0.00E+00	3.71E-05	1.70E-06	3.86E-07	0.00E+00
South Dakota	Aurora	46003	R	Propylene Dichloride	3.93E-07	3.93E-07	3.93E-07	4.11E-07	4.11E-07	4.28E-07	4.28E-07	4.28E-07	0.00E+00	4.11E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Aurora	46003	R	Quinoline	1.96E-09	1.96E-09	1.96E-09	2.64E-09	2.64E-09	3.32E-09	3.32E-09	3.32E-09	0.00E+00	2.64E-09	0.00E+00	0.00E+00	0.00E+00
South Dakota	Aurora	46003	R	1,1,2,2-Tetrachloroethane	3.13E-06	3.13E-06	3.13E-06	3.25E-06	3.25E-06	3.36E-06	3.36E-06	3.36E-06	0.00E+00	3.25E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Aurora	46003	R	Trichloroethylene	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	0.00E+00	9.88E-05	0.00E+00	0.00E+00	8.10E-02
South Dakota	Aurora	46003	R	Vinyl Chloride	7.78E-06	7.78E-06	7.78E-06	8.09E-06	8.09E-06	8.40E-06	8.40E-06	8.40E-06	0.00E+00	8.09E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Beadle	46005	U	Acetaldehyde	1.27E-02	1.27E-02	1.34E-02	3.29E-02	2.93E-02	3.54E-02	4.84E-02	4.84E-02	0.00E+00	1.98E-03	1.54E-02	1.20E-02	0.00E+00
South Dakota	Beadle	46005	U	Acrolein	1.50E-03	1.50E-03	1.67E-03	5.64E-03	5.11E-03	6.50E-03	9.69E-03	9.69E-03	0.00E+00	1.10E-03	1.98E-03	2.03E-03	0.00E+00
South Dakota	Beadle	46005	U	Acrylonitrile	1.47E-05	1.47E-05	1.59E-05	3.35E-05	2.89E-05	3.76E-05	3.84E-05	3.84E-05	0.00E+00	2.89E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Beadle	46005	U	Arsenic Compounds	2.06E-07	2.06E-07	2.67E-07	3.72E-06	6.76E-06	4.68E-06	2.80E-05	2.80E-05	0.00E+00	6.69E-06	6.63E-08	0.00E+00	0.00E+00
South Dakota	Beadle	46005	U	Benzene	4.92E-01	4.92E-01	4.92E-01	5.57E-01	5.62E-01	5.59E-01	7.17E-01	7.17E-01	0.00E+00	1.27E-02	4.14E-02	2.83E-02	4.80E-01
South Dakota	Beadle	46005	U	Beryllium Compounds	5.59E-08	5.59E-08	6.73E-08	1.06E-06	1.82E-06	1.31E-06	7.34E-06	7.34E-06	0.00E+00	1.82E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Beadle	46005	U	1,3-Butadiene	7.20E-04	7.20E-04	7.67E-04	8.78E-03	8.61E-03	9.54E-03	2.31E-02	2.31E-02	0.00E+00	4.30E-05	4.33E-03	4.24E-03	0.00E+00
South Dakota	Beadle	46005	U	Cadmium Compounds	4.52E-07	4.52E-07	5.12E-07	2.55E-06	3.58E-06	2.75E-06	1.27E-05	1.27E-05	0.00E+00	3.58E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Beadle	46005	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.02E-05	0.00E+00	0.00E+00	8.80E-01
South Dakota	Beadle	46005	U	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.31E-02	8.31E-02	8.31E-02	8.33E-02	8.33E-02	0.00E+00	1.25E-04	0.00E+00	0.00E+00	8.30E-02
South Dakota	Beadle	46005	U	Chromium Compounds	2.03E-06	2.03E-06	2.15E-06	1.22E-05	1.33E-05	1.25E-05	3.86E-05	3.86E-05	0.00E+00	6.17E-06	4.50E-06	2.61E-06	0.00E+00
South Dakota	Beadle	46005	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Beadle	46005	U	1,3-Dichloropropene	5.50E-04	5.50E-04	5.82E-04	1.17E-02	1.19E-02	1.24E-02	3.44E-02	3.44E-02	0.00E+00	1.19E-02	0.00E+00	0.00E+00	0.00E+00

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration

Estimated Annual Average Ambient Concentrations (μg/m^3) for South Dakota

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Dakota	Beadle	46005	U	Diesel Particulate Matter	2.10E-01	2.10E-01	2.35E-01	4.20E-01	3.95E-01	4.32E-01	6.56E-01	6.56E-01	0.00E+00	0.00E+00	4.80E-02	3.47E-01	***
South Dakota	Beadle	46005	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	1.45E-08	0.00E+00	0.00E+00	7.70E-03
South Dakota	Beadle	46005	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	8.89E-06	0.00E+00	0.00E+00	6.10E-02
South Dakota	Beadle	46005	U	Ethylene Oxide	8.22E-06	8.22E-06	8.51E-06	8.09E-05	3.73E-04	1.60E-04	1.90E-03	1.90E-03	0.00E+00	3.73E-04	0.00E+00	0.00E+00	0.00E+00
South Dakota	Beadle	46005	U	Formaldehyde	2.65E-01	2.65E-01	2.65E-01	2.98E-01	2.95E-01	3.05E-01	3.37E-01	3.37E-01	0.00E+00	3.14E-03	2.10E-02	2.06E-02	2.50E-01
South Dakota	Beadle	46005	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.34E-05	9.33E-05	9.34E-05	9.34E-05	9.34E-05	0.00E+00	2.96E-07	0.00E+00	0.00E+00	9.30E-05
South Dakota	Beadle	46005	U	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Beadle	46005	U	Lead Compounds	3.88E-05	3.88E-05	9.88E-05	4.24E-04	4.21E-04	7.52E-04	7.90E-04	7.90E-04	0.00E+00	5.66E-05	6.42E-06	3.58E-04	0.00E+00
South Dakota	Beadle	46005	U	Manganese Compounds	2.75E-05	2.75E-05	7.13E-05	7.22E-04	2.06E-03	1.11E-03	9.73E-03	9.73E-03	0.00E+00	2.06E-03	1.86E-06	3.47E-06	0.00E+00
South Dakota	Beadle	46005	U	Mercury Compounds	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.53E-03	1.53E-03	0.00E+00	1.28E-05	6.14E-08	6.60E-07	1.50E-03
South Dakota	Beadle	46005	U	Methylene Chloride	1.51E-01	1.51E-01	1.51E-01	1.64E-01	1.80E-01	1.68E-01	2.85E-01	2.85E-01	0.00E+00	3.03E-02	0.00E+00	0.00E+00	1.50E-01
South Dakota	Beadle	46005	U	Nickel Compounds	2.91E-06	2.91E-06	5.19E-06	4.54E-05	1.49E-04	7.26E-05	7.22E-04	7.22E-04	0.00E+00	1.44E-04	3.44E-06	1.70E-06	0.00E+00
South Dakota	Beadle	46005	U	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.52E-01	1.57E-01	1.54E-01	2.02E-01	2.02E-01	0.00E+00	1.69E-02	0.00E+00	0.00E+00	1.40E-01
South Dakota	Beadle	46005	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
South Dakota	Beadle	46005	U	Polycyclic Organic Matter	6.33E-04	6.33E-04	6.45E-04	1.03E-02	1.12E-02	1.12E-02	3.40E-02	3.40E-02	0.00E+00	1.11E-02	3.14E-05	1.12E-05	0.00E+00
South Dakota	Beadle	46005	U	7-PAH	4.30E-05	4.30E-05	4.36E-05	6.24E-04	6.30E-04	6.63E-04	1.79E-03	1.79E-03	0.00E+00	6.13E-04	1.39E-05	3.77E-06	0.00E+00
South Dakota	Beadle	46005	U	Propylene Dichloride	8.41E-07	8.41E-07	9.11E-07	1.92E-06	1.66E-06	2.16E-06	2.20E-06	2.20E-06	0.00E+00	1.66E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Beadle	46005	U	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Beadle	46005	U	1,1,2,2-Tetrachloroethane	7.29E-06	7.29E-06	7.88E-06	1.67E-05	1.44E-05	1.87E-05	1.91E-05	1.91E-05	0.00E+00	1.44E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Beadle	46005	U	Trichloroethylene	8.11E-02	8.11E-02	8.12E-02	8.25E-02	8.70E-02	8.36E-02	1.11E-01	1.11E-01	0.00E+00	6.03E-03	0.00E+00	0.00E+00	8.10E-02
South Dakota	Beadle	46005	U	Vinyl Chloride	1.80E-05	1.80E-05	1.94E-05	4.11E-05	3.55E-05	4.61E-05	4.71E-05	4.71E-05	0.00E+00	3.55E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Bennett	46007	R	Acetaldehyde	6.60E-03	6.60E-03	6.60E-03	6.60E-03	6.60E-03	6.60E-03	6.60E-03	6.60E-03	0.00E+00	1.11E-03	3.91E-03	1.58E-03	0.00E+00
South Dakota	Bennett	46007	R	Acrolein	1.57E-03	1.57E-03	1.57E-03	1.57E-03	1.57E-03	1.57E-03	1.57E-03	1.57E-03	0.00E+00	9.69E-04	4.86E-04	1.13E-04	0.00E+00
South Dakota	Bennett	46007	R	Acrylonitrile	1.22E-06	1.22E-06	1.22E-06	1.22E-06	1.22E-06	1.22E-06	1.22E-06	1.22E-06	0.00E+00	1.22E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Bennett	46007	R	Arsenic Compounds	8.86E-08	8.86E-08	8.86E-08	8.86E-08	8.86E-08	8.86E-08	8.86E-08	8.86E-08	0.00E+00	8.46E-08	3.99E-09	0.00E+00	0.00E+00
South Dakota	Bennett	46007	R	Benzene	4.90E-01	4.90E-01	4.90E-01	4.90E-01	4.90E-01	4.90E-01	4.90E-01	4.90E-01	0.00E+00	3.67E-03	5.37E-03	9.11E-04	4.80E-01
South Dakota	Bennett	46007	R	Beryllium Compounds	2.61E-08	2.61E-08	2.61E-08	2.61E-08	2.61E-08	2.61E-08	2.61E-08	2.61E-08	0.00E+00	2.61E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Bennett	46007	R	1,3-Butadiene	6.95E-04	6.95E-04	6.95E-04	6.95E-04	6.95E-04	6.95E-04	6.95E-04	6.95E-04	0.00E+00	2.84E-04	3.44E-04	6.75E-05	0.00E+00
South Dakota	Bennett	46007	R	Cadmium Compounds	8.67E-08	8.67E-08	8.67E-08	8.67E-08	8.67E-08	8.67E-08	8.67E-08	8.67E-08	0.00E+00	8.67E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Bennett	46007	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.55E-06	0.00E+00	0.00E+00	8.80E-01
South Dakota	Bennett	46007	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	0.00E+00	8.42E-06	0.00E+00	0.00E+00	8.30E-02
South Dakota	Bennett	46007	R	Chromium Compounds	6.69E-07	6.69E-07	6.69E-07	6.69E-07	6.69E-07	6.69E-07	6.69E-07	6.69E-07	0.00E+00	1.06E-07	2.58E-07	3.05E-07	0.00E+00
South Dakota	Bennett	46007	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Bennett	46007	R	1,3-Dichloropropene	2.65E-04	2.65E-04	2.65E-04	2.65E-04	2.65E-04	2.65E-04	2.65E-04	2.65E-04	0.00E+00	2.65E-04	0.00E+00	0.00E+00	0.00E+00
South Dakota	Bennett	46007	R	Diesel Particulate Matter	7.84E-02	7.84E-02	7.84E-02	7.84E-02	7.84E-02	7.84E-02	7.84E-02	7.84E-02	0.00E+00	0.00E+00	1.61E-02	6.23E-02	***
South Dakota	Bennett	46007	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	4.18E-10	0.00E+00	0.00E+00	7.70E-03
South Dakota	Bennett	46007	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	9.83E-07	0.00E+00	0.00E+00	6.10E-02
South Dakota	Bennett	46007	R	Ethylene Oxide	1.19E-05	1.19E-05	1.19E-05	1.19E-05	1.19E-05	1.19E-05	1.19E-05	1.19E-05	0.00E+00	1.19E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Bennett	46007	R	Formaldehyde	2.60E-01	2.60E-01	2.60E-01	2.60E-01	2.60E-01	2.60E-01	2.60E-01	2.60E-01	0.00E+00	4.34E-03	3.73E-03	2.05E-03	2.50E-01
South Dakota	Bennett	46007	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	4.47E-08	0.00E+00	0.00E+00	9.30E-05
South Dakota	Bennett	46007	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Bennett	46007	R	Lead Compounds	2.55E-06	2.55E-06	2.55E-06	2.55E-06	2.55E-06	2.55E-06	2.55E-06	2.55E-06	0.00E+00	2.20E-06	3.53E-07	0.00E+00	0.00E+00
South Dakota	Bennett	46007	R	Manganese Compounds	4.83E-06	4.83E-06	4.83E-06	4.83E-06	4.83E-06	4.83E-06	4.83E-06	4.83E-06	0.00E+00	4.39E-06	1.00E-07	3.35E-07	0.00E+00
South Dakota	Bennett	46007	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	0.00E+00	6.46E-07	3.48E-09	8.97E-08	1.50E-03
South Dakota	Bennett	46007	R	Methylene Chloride	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	0.00E+00	5.11E-04	0.00E+00	0.00E+00	1.50E-01
South Dakota	Bennett	46007	R	Nickel Compounds	1.07E-06	1.07E-06	1.07E-06	1.07E-06	1.07E-06	1.07E-06	1.07E-06	1.07E-06	0.00E+00	7.31E-07	2.00E-07	1.36E-07	0.00E+00
South Dakota	Bennett	46007	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	0.00E+00	9.71E-05	0.00E+00	0.00E+00	1.40E-01
South Dakota	Bennett	46007	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
South Dakota	Bennett	46007	R	Polycyclic Organic Matter	5.31E-04	5.31E-04	5.31E-04	5.31E-04	5.31E-04	5.31E-04	5.31E-04	5.31E-04	0.00E+00	5.29E-04	1.89E-06	3.19E-07	0.00E+00
South Dakota	Bennett	46007	R	7-PAH	4.39E-05	4.39E-05	4.39E-05	4.39E-05	4.39E-05	4.39E-05	4.39E-05	4.39E-05	0.00E+00	4.29E-05	8.38E-07	1.56E-07	0.00E+00
South Dakota	Bennett	46007	R	Propylene Dichloride	5.94E-08	5.94E-08	5.94E-08	5.94E-08	5.94E-08	5.94E-08	5.94E-08	5.94E-08	0.00E+00	5.94E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Bennett	46007	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Bennett	46007	R	1,1,2,2-Tetrachloroethane	4.17E-07	4.17E-07	4.17E-07	4.17E-07	4.17E-07	4.17E-07	4.17E-07	4.17E-07	0.00E+00	4.17E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Bennett	46007	R	Trichloroethylene	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	0.00E+00	5.00E-05	0.00E+00	0.00E+00	8.10E-02
South Dakota	Bennett	46007	R	Vinyl Chloride	1.03E-06	1.03E-06	1.03E-06	1.03E-06	1.03E-06	1.03E-06	1.03E-06	1.03E-06	0.00E+00	1.03E-06	0.00E+00	0.00E+00	0.00E+00

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration

Estimated Annual Average Ambient Concentrations (μg/m^3) for South Dakota

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Dakota	Bon Homme	46009	R	Acetaldehyde	2.89E-02	2.89E-02	2.89E-02	2.94E-02	2.94E-02	2.99E-02	2.99E-02	2.99E-02	0.00E+00	5.53E-03	1.63E-02	7.55E-03	0.00E+00
South Dakota	Bon Homme	46009	R	Acrolein	3.95E-03	3.95E-03	3.95E-03	4.47E-03	4.47E-03	4.99E-03	4.99E-03	4.99E-03	0.00E+00	1.82E-03	2.04E-03	6.08E-04	0.00E+00
South Dakota	Bon Homme	46009	R	Acrylonitrile	2.36E-05	2.36E-05	2.36E-05	2.46E-05	2.46E-05	2.56E-05	2.56E-05	2.56E-05	0.00E+00	2.46E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Bon Homme	46009	R	Arsenic Compounds	4.42E-07	4.42E-07	4.42E-07	4.64E-07	4.64E-07	4.86E-07	4.86E-07	4.86E-07	0.00E+00	4.45E-07	1.80E-08	1.86E-10	0.00E+00
South Dakota	Bon Homme	46009	R	Benzene	5.11E-01	5.11E-01	5.11E-01	5.13E-01	5.13E-01	5.16E-01	5.16E-01	5.16E-01	0.00E+00	4.05E-03	2.36E-02	5.50E-03	4.80E-01
South Dakota	Bon Homme	46009	R	Beryllium Compounds	1.18E-07	1.18E-07	1.18E-07	1.26E-07	1.26E-07	1.35E-07	1.35E-07	1.35E-07	0.00E+00	1.26E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Bon Homme	46009	R	1,3-Butadiene	2.06E-03	2.06E-03	2.06E-03	2.53E-03	2.53E-03	2.99E-03	2.99E-03	2.99E-03	0.00E+00	5.69E-04	1.58E-03	3.73E-04	0.00E+00
South Dakota	Bon Homme	46009	R	Cadmium Compounds	6.94E-07	6.94E-07	6.94E-07	7.04E-07	7.04E-07	7.14E-07	7.14E-07	7.14E-07	0.00E+00	7.04E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Bon Homme	46009	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	7.22E-06	0.00E+00	0.00E+00	8.80E-01
South Dakota	Bon Homme	46009	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	0.00E+00	3.55E-05	0.00E+00	0.00E+00	8.30E-02
South Dakota	Bon Homme	46009	R	Chromium Compounds	4.00E-06	4.00E-06	4.00E-06	9.39E-06	9.39E-06	1.48E-05	1.48E-05	1.48E-05	5.17E-06	1.81E-06	1.17E-06	1.24E-06	0.00E+00
South Dakota	Bon Homme	46009	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Bon Homme	46009	R	1,3-Dichloropropene	1.05E-03	1.05E-03	1.05E-03	1.21E-03	1.21E-03	1.36E-03	1.36E-03	1.36E-03	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00
South Dakota	Bon Homme	46009	R	Diesel Particulate Matter	3.11E-01	3.11E-01	3.11E-01	3.19E-01	3.19E-01	3.27E-01	3.27E-01	3.27E-01	0.00E+00	0.00E+00	6.39E-02	2.55E-01	***
South Dakota	Bon Homme	46009	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	2.63E-08	0.00E+00	0.00E+00	7.70E-03
South Dakota	Bon Homme	46009	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	3.29E-06	0.00E+00	0.00E+00	6.10E-02
South Dakota	Bon Homme	46009	R	Ethylene Oxide	3.10E-05	3.10E-05	3.10E-05	3.32E-05	3.32E-05	3.54E-05	3.54E-05	3.54E-05	0.00E+00	3.32E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Bon Homme	46009	R	Formaldehyde	2.85E-01	2.85E-01	2.85E-01	2.87E-01	2.87E-01	2.90E-01	2.90E-01	2.90E-01	1.40E-05	1.14E-02	1.61E-02	9.95E-03	2.50E-01
South Dakota	Bon Homme	46009	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	1.18E-07	0.00E+00	0.00E+00	9.30E-05
South Dakota	Bon Homme	46009	R	Hydrazine	3.00E-09	3.00E-09	3.00E-09	4.20E-09	4.20E-09	5.40E-09	5.40E-09	5.40E-09	0.00E+00	4.20E-09	0.00E+00	0.00E+00	0.00E+00
South Dakota	Bon Homme	46009	R	Lead Compounds	2.68E-05	2.68E-05	2.68E-05	2.74E-05	2.74E-05	2.81E-05	2.81E-05	2.81E-05	0.00E+00	1.10E-05	1.61E-06	1.48E-05	0.00E+00
South Dakota	Bon Homme	46009	R	Manganese Compounds	2.44E-05	2.44E-05	2.44E-05	2.58E-05	2.58E-05	2.71E-05	2.71E-05	2.71E-05	3.27E-06	2.07E-05	4.62E-07	1.38E-06	0.00E+00
South Dakota	Bon Homme	46009	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	0.00E+00	6.34E-06	1.57E-08	3.55E-07	1.50E-03
South Dakota	Bon Homme	46009	R	Methylene Chloride	1.52E-01	1.52E-01	1.52E-01	1.52E-01	1.52E-01	1.52E-01	1.52E-01	1.52E-01	0.00E+00	2.20E-03	0.00E+00	0.00E+00	1.50E-01
South Dakota	Bon Homme	46009	R	Nickel Compounds	7.49E-06	7.49E-06	7.49E-06	7.89E-06	7.89E-06	8.29E-06	8.29E-06	8.29E-06	0.00E+00	6.40E-06	9.10E-07	5.82E-07	0.00E+00
South Dakota	Bon Homme	46009	R	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	0.00E+00	1.19E-03	0.00E+00	0.00E+00	1.40E-01
South Dakota	Bon Homme	46009	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
South Dakota	Bon Homme	46009	R	Polycyclic Organic Matter	1.26E-03	1.26E-03	1.26E-03	1.49E-03	1.49E-03	1.73E-03	1.73E-03	1.73E-03	0.00E+00	1.48E-03	8.52E-06	2.22E-06	0.00E+00
South Dakota	Bon Homme	46009	R	7-PAH	1.00E-04	1.00E-04	1.00E-04	1.25E-04	1.25E-04	1.50E-04	1.50E-04	1.50E-04	0.00E+00	1.20E-04	3.78E-06	1.03E-06	0.00E+00
South Dakota	Bon Homme	46009	R	Propylene Dichloride	1.46E-06	1.46E-06	1.46E-06	1.54E-06	1.54E-06	1.62E-06	1.62E-06	1.62E-06	0.00E+00	1.54E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Bon Homme	46009	R	Quinoline	1.37E-08	1.37E-08	1.37E-08	1.73E-08	1.73E-08	2.09E-08	2.09E-08	2.09E-08	0.00E+00	1.73E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Bon Homme	46009	R	1,1,2,2-Tetrachloroethane	1.17E-05	1.17E-05	1.17E-05	1.21E-05	1.21E-05	1.26E-05	1.26E-05	1.26E-05	0.00E+00	1.21E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Bon Homme	46009	R	Trichloroethylene	8.25E-02	8.25E-02	8.25E-02	8.26E-02	8.26E-02	8.26E-02	8.26E-02	8.26E-02	0.00E+00	1.55E-03	0.00E+00	0.00E+00	8.10E-02
South Dakota	Bon Homme	46009	R	Vinyl Chloride	2.91E-05	2.91E-05	2.91E-05	3.04E-05	3.04E-05	3.16E-05	3.16E-05	3.16E-05	0.00E+00	3.04E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Brookings	46011	U	Acetaldehyde	2.56E-02	2.56E-02	2.72E-02	5.31E-02	5.26E-02	7.80E-02	7.87E-02	7.87E-02	0.00E+00	7.79E-03	2.93E-02	1.55E-02	0.00E+00
South Dakota	Brookings	46011	U	Acrolein	3.53E-03	3.53E-03	4.06E-03	9.34E-03	9.26E-03	1.45E-02	1.48E-02	1.48E-02	0.00E+00	3.23E-03	3.73E-03	2.31E-03	0.00E+00
South Dakota	Brookings	46011	U	Acrylonitrile	8.75E-05	8.75E-05	9.24E-05	1.45E-04	1.43E-04	1.93E-04	1.93E-04	1.93E-04	0.00E+00	1.43E-04	0.00E+00	0.00E+00	0.00E+00
South Dakota	Brookings	46011	U	Arsenic Compounds	6.74E-07	6.74E-07	8.18E-07	9.49E-06	9.42E-06	1.80E-05	1.80E-05	1.80E-05	0.00E+00	9.31E-06	1.07E-07	3.68E-11	0.00E+00
South Dakota	Brookings	46011	U	Benzene	5.07E-01	5.07E-01	5.08E-01	5.89E-01	5.89E-01	6.69E-01	6.69E-01	6.69E-01	0.00E+00	1.06E-02	7.02E-02	2.80E-02	4.80E-01
South Dakota	Brookings	46011	U	Beryllium Compounds	1.50E-07	1.50E-07	2.05E-07	2.37E-06	2.35E-06	4.49E-06	4.49E-06	4.49E-06	0.00E+00	2.35E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Brookings	46011	U	1,3-Butadiene	1.88E-03	1.88E-03	1.91E-03	1.15E-02	1.16E-02	2.14E-02	2.17E-02	2.17E-02	0.00E+00	7.19E-04	7.01E-03	3.92E-03	0.00E+00
South Dakota	Brookings	46011	U	Cadmium Compounds	7.84E-07	7.84E-07	8.28E-07	4.66E-06	4.64E-06	8.45E-06	8.45E-06	8.45E-06	0.00E+00	4.64E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Brookings	46011	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.82E-05	0.00E+00	0.00E+00	8.80E-01
South Dakota	Brookings	46011	U	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.32E-02	8.32E-02	8.33E-02	8.33E-02	8.33E-02	0.00E+00	1.67E-04	0.00E+00	0.00E+00	8.30E-02
South Dakota	Brookings	46011	U	Chromium Compounds	7.64E-06	7.64E-06	7.67E-06	5.66E-05	5.67E-05	1.06E-04	1.06E-04	1.06E-04	0.00E+00	4.52E-05	7.17E-06	4.31E-06	0.00E+00
South Dakota	Brookings	46011	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Brookings	46011	U	1,3-Dichloropropene	1.33E-03	1.33E-03	1.72E-03	1.80E-02	1.78E-02	3.38E-02	3.38E-02	3.38E-02	0.00E+00	1.78E-02	0.00E+00	0.00E+00	0.00E+00
South Dakota	Brookings	46011	U	Diesel Particulate Matter	3.42E-01	3.42E-01	3.55E-01	5.46E-01	5.40E-01	7.26E-01	7.26E-01	7.26E-01	0.00E+00	0.00E+00	9.27E-02	4.48E-01	***
South Dakota	Brookings	46011	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	7.74E-08	0.00E+00	0.00E+00	7.70E-03
South Dakota	Brookings	46011	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	2.03E-05	0.00E+00	0.00E+00	6.10E-02
South Dakota	Brookings	46011	U	Ethylene Oxide	2.27E-05	2.27E-05	2.88E-05	2.97E-04	2.94E-04	5.58E-04	5.59E-04	5.59E-04	0.00E+00	2.94E-04	0.00E+00	0.00E+00	0.00E+00
South Dakota	Brookings	46011	U	Formaldehyde	2.82E-01	2.82E-01	2.82E-01	3.25E-01	3.27E-01	3.71E-01	3.73E-01	3.73E-01	1.48E-05	1.39E-02	3.70E-02	2.56E-02	2.50E-01
South Dakota	Brookings	46011	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.34E-05	9.34E-05	9.34E-05	0.00E+00	2.43E-07	0.00E+00	0.00E+00	9.30E-05
South Dakota	Brookings	46011	U	Hydrazine	9.21E-12	9.21E-12	9.54E-12	3.26E-11	4.23E-11	7.50E-11	9.45E-11	9.45E-11	0.00E+00	4.23E-11	0.00E+00	0.00E+00	0.00E+00
South Dakota	Brookings	46011	U	Lead Compounds	3.62E-05	3.62E-05	8.14E-05	2.95E-04	3.78E-04	6.74E-04	8.83E-04	8.83E-04	0.00E+00	5.20E-05	1.02E-05	3.15E-04	0.00E+00

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration

Estimated Annual Average Ambient Concentrations (μg/m^3) for South Dakota

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Dakota	Brookings	46011	U	Manganese Compounds	6.94E-05	6.94E-05	2.19E-04	2.22E-03	2.15E-03	4.08E-03	4.08E-03	4.08E-03	0.00E+00	2.14E-03	2.96E-06	5.61E-06	0.00E+00
South Dakota	Brookings	46011	U	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.53E-03	1.53E-03	1.53E-03	0.00E+00	1.62E-05	9.79E-08	1.11E-06	1.50E-03
South Dakota	Brookings	46011	U	Methylene Chloride	1.54E-01	1.54E-01	1.55E-01	1.92E-01	1.91E-01	2.28E-01	2.28E-01	2.28E-01	6.63E-04	4.08E-02	0.00E+00	0.00E+00	1.50E-01
South Dakota	Brookings	46011	U	Nickel Compounds	1.09E-05	1.09E-05	1.46E-05	2.22E-04	2.20E-04	4.25E-04	4.25E-04	4.25E-04	0.00E+00	2.12E-04	5.49E-06	2.70E-06	0.00E+00
South Dakota	Brookings	46011	U	Perchloroethylene	1.41E-01	1.41E-01	1.42E-01	1.59E-01	1.59E-01	1.76E-01	1.76E-01	1.76E-01	0.00E+00	1.87E-02	0.00E+00	0.00E+00	1.40E-01
South Dakota	Brookings	46011	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
South Dakota	Brookings	46011	U	Polycyclic Organic Matter	2.20E-03	2.20E-03	2.21E-03	1.63E-02	1.63E-02	3.04E-02	3.05E-02	3.05E-02	0.00E+00	1.63E-02	5.02E-05	1.08E-05	0.00E+00
South Dakota	Brookings	46011	U	7-PAH	1.21E-04	1.21E-04	1.32E-04	9.66E-04	9.61E-04	1.79E-03	1.79E-03	1.79E-03	0.00E+00	9.35E-04	2.23E-05	3.75E-06	0.00E+00
South Dakota	Brookings	46011	U	Propylene Dichloride	5.20E-06	5.20E-06	5.46E-06	8.59E-06	8.46E-06	1.15E-05	1.15E-05	1.15E-05	0.00E+00	8.46E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Brookings	46011	U	Quinoline	2.61E-10	2.61E-10	2.66E-10	5.86E-10	8.87E-10	1.51E-09	2.11E-09	2.11E-09	0.00E+00	8.87E-10	0.00E+00	0.00E+00	0.00E+00
South Dakota	Brookings	46011	U	1,1,2,2-Tetrachloroethane	4.67E-05	4.67E-05	4.91E-05	7.73E-05	7.61E-05	1.03E-04	1.03E-04	1.03E-04	0.00E+00	7.61E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Brookings	46011	U	Trichloroethylene	8.13E-02	8.13E-02	8.15E-02	8.76E-02	8.75E-02	9.36E-02	9.36E-02	9.36E-02	0.00E+00	6.51E-03	0.00E+00	0.00E+00	8.10E-02
South Dakota	Brookings	46011	U	Vinyl Chloride	1.15E-04	1.15E-04	1.21E-04	1.90E-04	1.87E-04	2.54E-04	2.54E-04	2.54E-04	0.00E+00	1.87E-04	0.00E+00	0.00E+00	0.00E+00
South Dakota	Brown	46013	U	Acetaldehyde	1.84E-02	1.84E-02	1.91E-02	5.92E-02	5.78E-02	8.70E-02	1.06E-01	1.06E-01	0.00E+00	1.16E-02	2.66E-02	1.96E-02	0.00E+00
South Dakota	Brown	46013	U	Acrolein	2.84E-03	2.84E-03	4.44E-03	1.56E-02	1.46E-02	2.27E-02	2.66E-02	2.66E-02	0.00E+00	7.00E-03	3.40E-03	4.15E-03	0.00E+00
South Dakota	Brown	46013	U	Acrylonitrile	1.76E-05	1.76E-05	2.85E-05	3.48E-05	3.69E-05	4.81E-05	5.62E-05	5.62E-05	0.00E+00	3.69E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Brown	46013	U	Arsenic Compounds	1.86E-07	1.86E-07	4.77E-07	8.93E-06	1.22E-05	1.09E-05	4.06E-05	4.06E-05	0.00E+00	1.21E-05	1.21E-07	1.22E-11	0.00E+00
South Dakota	Brown	46013	U	Benzene	4.98E-01	4.98E-01	5.02E-01	6.29E-01	6.60E-01	6.80E-01	9.42E-01	9.42E-01	0.00E+00	5.65E-02	7.33E-02	5.05E-02	4.80E-01
South Dakota	Brown	46013	U	Beryllium Compounds	5.15E-08	5.15E-08	1.38E-07	2.51E-06	3.51E-06	3.12E-06	1.14E-05	1.14E-05	0.00E+00	3.51E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Brown	46013	U	1,3-Butadiene	1.19E-03	1.19E-03	2.12E-03	1.69E-02	1.83E-02	2.70E-02	4.59E-02	4.59E-02	0.00E+00	2.91E-03	7.71E-03	7.65E-03	0.00E+00
South Dakota	Brown	46013	U	Cadmium Compounds	2.63E-07	2.63E-07	3.23E-07	4.03E-06	5.47E-06	4.97E-06	1.76E-05	1.76E-05	0.00E+00	5.47E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Brown	46013	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.66E-05	0.00E+00	0.00E+00	8.80E-01
South Dakota	Brown	46013	U	Chloroform	8.30E-02	8.30E-02	8.31E-02	8.31E-02	8.31E-02	8.32E-02	8.33E-02	8.33E-02	0.00E+00	1.46E-04	0.00E+00	0.00E+00	8.30E-02
South Dakota	Brown	46013	U	Chromium Compounds	3.08E-06	3.08E-06	3.32E-06	2.03E-05	2.40E-05	2.64E-05	5.92E-05	5.92E-05	0.00E+00	1.17E-05	8.48E-06	3.87E-06	0.00E+00
South Dakota	Brown	46013	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Brown	46013	U	1,3-Dichloropropene	4.74E-04	4.74E-04	1.16E-03	2.12E-02	2.47E-02	2.74E-02	7.10E-02	7.10E-02	0.00E+00	2.47E-02	0.00E+00	0.00E+00	0.00E+00
South Dakota	Brown	46013	U	Diesel Particulate Matter	2.36E-01	2.36E-01	2.71E-01	5.37E-01	5.12E-01	6.32E-01	8.59E-01	8.59E-01	0.00E+00	0.00E+00	5.47E-02	4.58E-01	***
South Dakota	Brown	46013	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	1.20E-07	0.00E+00	0.00E+00	7.70E-03
South Dakota	Brown	46013	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	0.00E+00	2.68E-05	0.00E+00	0.00E+00	6.10E-02
South Dakota	Brown	46013	U	Ethylene Oxide	1.94E-05	1.94E-05	5.02E-05	7.83E-04	1.52E-03	9.80E-04	6.63E-03	6.63E-03	0.00E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00
South Dakota	Brown	46013	U	Formaldehyde	2.75E-01	2.75E-01	2.81E-01	3.55E-01	3.54E-01	4.22E-01	4.51E-01	4.51E-01	0.00E+00	3.23E-02	3.60E-02	3.62E-02	2.50E-01
South Dakota	Brown	46013	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.32E-05	9.36E-05	9.35E-05	9.37E-05	9.38E-05	9.38E-05	0.00E+00	5.15E-07	0.00E+00	0.00E+00	9.30E-05
South Dakota	Brown	46013	U	Hydrazine	3.60E-11	3.60E-11	7.67E-10	3.46E-08	4.79E-08	3.60E-08	2.07E-07	2.07E-07	0.00E+00	4.79E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Brown	46013	U	Lead Compounds	3.10E-05	3.10E-05	1.25E-04	7.06E-04	1.03E-03	1.22E-03	3.99E-03	3.99E-03	0.00E+00	1.01E-04	1.21E-05	9.18E-04	0.00E+00
South Dakota	Brown	46013	U	Manganese Compounds	9.76E-06	9.76E-06	2.06E-05	3.31E-04	3.87E-04	4.24E-04	1.10E-03	1.10E-03	0.00E+00	3.78E-04	3.51E-06	5.53E-06	0.00E+00
South Dakota	Brown	46013	U	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.51E-03	1.54E-03	1.54E-03	0.00E+00	1.26E-05	1.15E-07	9.27E-07	1.50E-03
South Dakota	Brown	46013	U	Methylene Chloride	1.51E-01	1.51E-01	1.52E-01	1.89E-01	2.04E-01	1.96E-01	3.46E-01	3.46E-01	0.00E+00	5.42E-02	0.00E+00	0.00E+00	1.50E-01
South Dakota	Brown	46013	U	Nickel Compounds	3.26E-06	3.26E-06	7.22E-06	1.38E-04	2.02E-04	1.53E-04	8.26E-04	8.26E-04	0.00E+00	1.92E-04	6.45E-06	2.80E-06	0.00E+00
South Dakota	Brown	46013	U	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.64E-01	1.71E-01	1.70E-01	2.33E-01	2.33E-01	0.00E+00	3.10E-02	0.00E+00	0.00E+00	1.40E-01
South Dakota	Brown	46013	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
South Dakota	Brown	46013	U	Polycyclic Organic Matter	6.93E-04	6.93E-04	1.54E-03	2.12E-02	2.53E-02	2.70E-02	6.93E-02	6.93E-02	0.00E+00	2.52E-02	5.91E-05	2.26E-05	0.00E+00
South Dakota	Brown	46013	U	7-PAH	6.15E-05	6.15E-05	1.25E-04	1.33E-03	1.44E-03	1.69E-03	3.92E-03	3.92E-03	0.00E+00	1.41E-03	2.62E-05	6.52E-06	0.00E+00
South Dakota	Brown	46013	U	Propylene Dichloride	1.03E-06	1.03E-06	1.63E-06	2.66E-06	2.95E-06	3.43E-06	6.64E-06	6.64E-06	0.00E+00	2.95E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Brown	46013	U	Quinoline	5.72E-10	5.72E-10	4.62E-09	1.02E-07	1.31E-07	1.07E-07	5.26E-07	5.26E-07	0.00E+00	1.31E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Brown	46013	U	1,1,2,2-Tetrachloroethane	8.46E-06	8.46E-06	1.39E-05	1.55E-05	1.54E-05	1.74E-05	2.17E-05	2.17E-05	0.00E+00	1.54E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Brown	46013	U	Trichloroethylene	8.11E-02	8.11E-02	8.14E-02	8.87E-02	9.27E-02	8.96E-02	1.31E-01	1.31E-01	0.00E+00	1.17E-02	0.00E+00	0.00E+00	8.10E-02
South Dakota	Brown	46013	U	Vinyl Chloride	2.10E-05	2.10E-05	3.43E-05	4.03E-05	4.18E-05	5.56E-05	6.09E-05	6.09E-05	0.00E+00	4.18E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Brule	46015	R	Acetaldehyde	1.09E-02	1.09E-02	1.09E-02	1.86E-02	1.86E-02	2.63E-02	2.63E-02	2.63E-02	0.00E+00	3.14E-03	9.13E-03	6.30E-03	0.00E+00
South Dakota	Brule	46015	R	Acrolein	1.32E-03	1.32E-03	1.32E-03	3.52E-03	3.52E-03	5.73E-03	5.73E-03	5.73E-03	0.00E+00	1.92E-03	1.14E-03	4.65E-04	0.00E+00
South Dakota	Brule	46015	R	Acrylonitrile	7.76E-07	7.76E-07	7.76E-07	9.65E-07	9.65E-07	1.15E-06	1.15E-06	1.15E-06	0.00E+00	9.65E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Brule	46015	R	Arsenic Compounds	1.26E-07	1.26E-07	1.26E-07	6.86E-07	6.86E-07	1.25E-06	1.25E-06	1.25E-06	0.00E+00	6.74E-07	1.22E-08	0.00E+00	0.00E+00
South Dakota	Brule	46015	R	Benzene	4.93E-01	4.93E-01	4.93E-01	5.08E-01	5.08E-01	5.23E-01	5.23E-01	5.23E-01	0.00E+00	4.12E-03	1.83E-02	5.66E-03	4.80E-01
South Dakota	Brule	46015	R	Beryllium Compounds	3.66E-08	3.66E-08	3.66E-08	2.10E-07	2.10E-07	3.84E-07	3.84E-07	3.84E-07	0.00E+00	2.10E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Brule	46015	R	1,3-Butadiene	9.40E-04	9.40E-04	9.40E-04	3.12E-03	3.12E-03	5.30E-03	5.30E-03	5.30E-03	0.00E+00	1.11E-03	1.62E-03	3.80E-04	0.00E+00
South Dakota	Brule	46015	R	Cadmium Compounds	2.34E-07	2.34E-07	2.34E-07	5.02E-07	5.02E-07	7.70E-07	7.70E-07	7.70E-07	0.00E+00	5.02E-07	0.00E+00	0.00E+00	0.00E+00

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration

Estimated Annual Average Ambient Concentrations (µg/m^3) for South Dakota

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Dakota	Brule	46015	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	3.16E-06	0.00E+00	0.00E+00	8.80E-01
South Dakota	Brule	46015	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	0.00E+00	2.58E-05	0.00E+00	0.00E+00	8.30E-02
South Dakota	Brule	46015	R	Chromium Compounds	9.83E-07	9.83E-07	9.83E-07	2.59E-06	2.59E-06	4.20E-06	4.20E-06	4.20E-06	0.00E+00	7.14E-07	8.00E-07	1.08E-06	0.00E+00
South Dakota	Brule	46015	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Brule	46015	R	1,3-Dichloropropene	3.36E-04	3.36E-04	3.36E-04	1.58E-03	1.58E-03	2.82E-03	2.82E-03	2.82E-03	0.00E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00
South Dakota	Brule	46015	R	Diesel Particulate Matter	1.82E-01	1.82E-01	1.82E-01	2.21E-01	2.21E-01	2.60E-01	2.60E-01	2.60E-01	0.00E+00	0.00E+00	3.39E-02	1.87E-01	***
South Dakota	Brule	46015	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.70E-03
South Dakota	Brule	46015	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	6.85E-08	0.00E+00	0.00E+00	6.10E-02
South Dakota	Brule	46015	R	Ethylene Oxide	9.02E-06	9.02E-06	9.02E-06	6.47E-05	6.47E-05	1.20E-04	1.20E-04	1.20E-04	0.00E+00	6.47E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Brule	46015	R	Formaldehyde	2.62E-01	2.62E-01	2.62E-01	2.78E-01	2.78E-01	2.94E-01	2.94E-01	2.94E-01	0.00E+00	1.06E-02	1.04E-02	7.18E-03	2.50E-01
South Dakota	Brule	46015	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.33E-05	9.33E-05	9.33E-05	0.00E+00	1.93E-07	0.00E+00	0.00E+00	9.30E-05
South Dakota	Brule	46015	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Brule	46015	R	Lead Compounds	4.74E-06	4.74E-06	4.74E-06	2.00E-05	2.00E-05	3.52E-05	3.52E-05	3.52E-05	0.00E+00	1.88E-05	1.13E-06	0.00E+00	0.00E+00
South Dakota	Brule	46015	R	Manganese Compounds	5.65E-06	5.65E-06	5.65E-06	2.39E-05	2.39E-05	4.22E-05	4.22E-05	4.22E-05	0.00E+00	2.24E-05	3.27E-07	1.15E-06	0.00E+00
South Dakota	Brule	46015	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	0.00E+00	2.83E-06	1.09E-08	3.07E-07	1.50E-03
South Dakota	Brule	46015	R	Methylene Chloride	1.51E-01	1.51E-01	1.51E-01	1.54E-01	1.54E-01	1.57E-01	1.57E-01	1.57E-01	0.00E+00	3.73E-03	0.00E+00	0.00E+00	1.50E-01
South Dakota	Brule	46015	R	Nickel Compounds	1.39E-06	1.39E-06	1.39E-06	8.21E-06	8.21E-06	1.50E-05	1.50E-05	1.50E-05	0.00E+00	7.10E-06	6.16E-07	4.94E-07	0.00E+00
South Dakota	Brule	46015	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.43E-01	1.43E-01	1.45E-01	1.45E-01	1.45E-01	0.00E+00	2.79E-03	0.00E+00	0.00E+00	1.40E-01
South Dakota	Brule	46015	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
South Dakota	Brule	46015	R	Polycyclic Organic Matter	3.72E-04	3.72E-04	3.72E-04	1.73E-03	1.73E-03	3.08E-03	3.08E-03	3.08E-03	0.00E+00	1.72E-03	5.66E-06	2.40E-06	0.00E+00
South Dakota	Brule	46015	R	7-PAH	2.93E-05	2.93E-05	2.93E-05	1.48E-04	1.48E-04	2.68E-04	2.68E-04	2.68E-04	0.00E+00	1.45E-04	2.51E-06	1.21E-06	0.00E+00
South Dakota	Brule	46015	R	Propylene Dichloride	2.32E-08	2.32E-08	2.32E-08	2.88E-08	2.88E-08	3.44E-08	3.44E-08	3.44E-08	0.00E+00	2.88E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Brule	46015	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Brule	46015	R	1,1,2,2-Tetrachloroethane	3.52E-09	3.52E-09	3.52E-09	4.37E-09	4.37E-09	5.23E-09	5.23E-09	5.23E-09	0.00E+00	4.37E-09	0.00E+00	0.00E+00	0.00E+00
South Dakota	Brule	46015	R	Trichloroethylene	8.11E-02	8.11E-02	8.11E-02	8.18E-02	8.18E-02	8.24E-02	8.24E-02	8.24E-02	0.00E+00	7.65E-04	0.00E+00	0.00E+00	8.10E-02
South Dakota	Brule	46015	R	Vinyl Chloride	1.35E-08	1.35E-08	1.35E-08	1.68E-08	1.68E-08	2.00E-08	2.00E-08	2.00E-08	0.00E+00	1.68E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Buffalo	46017	R	Acetaldehyde	1.17E-02	1.17E-02	1.17E-02	1.17E-02	1.17E-02	1.17E-02	1.17E-02	1.17E-02	0.00E+00	1.07E-03	5.87E-03	4.77E-03	0.00E+00
South Dakota	Buffalo	46017	R	Acrolein	1.63E-03	1.63E-03	1.63E-03	1.63E-03	1.63E-03	1.63E-03	1.63E-03	1.63E-03	0.00E+00	5.71E-04	7.34E-04	3.25E-04	0.00E+00
South Dakota	Buffalo	46017	R	Acrylonitrile	6.74E-07	6.74E-07	6.74E-07	6.74E-07	6.74E-07	6.74E-07	6.74E-07	6.74E-07	0.00E+00	6.74E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Buffalo	46017	R	Arsenic Compounds	1.25E-07	1.25E-07	1.25E-07	1.25E-07	1.25E-07	1.25E-07	1.25E-07	1.25E-07	0.00E+00	1.19E-07	6.17E-09	0.00E+00	0.00E+00
South Dakota	Buffalo	46017	R	Benzene	4.96E-01	4.96E-01	4.96E-01	4.96E-01	4.96E-01	4.96E-01	4.96E-01	4.96E-01	0.00E+00	1.14E-03	8.84E-03	5.67E-03	4.80E-01
South Dakota	Buffalo	46017	R	Beryllium Compounds	3.83E-08	3.83E-08	3.83E-08	3.83E-08	3.83E-08	3.83E-08	3.83E-08	3.83E-08	0.00E+00	3.83E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Buffalo	46017	R	1,3-Butadiene	1.17E-03	1.17E-03	1.17E-03	1.17E-03	1.17E-03	1.17E-03	1.17E-03	1.17E-03	0.00E+00	2.13E-04	6.28E-04	3.33E-04	0.00E+00
South Dakota	Buffalo	46017	R	Cadmium Compounds	8.35E-08	8.35E-08	8.35E-08	8.35E-08	8.35E-08	8.35E-08	8.35E-08	8.35E-08	0.00E+00	8.35E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Buffalo	46017	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	2.20E-06	0.00E+00	0.00E+00	8.80E-01
South Dakota	Buffalo	46017	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	0.00E+00	1.39E-05	0.00E+00	0.00E+00	8.30E-02
South Dakota	Buffalo	46017	R	Chromium Compounds	9.63E-07	9.63E-07	9.63E-07	9.63E-07	9.63E-07	9.63E-07	9.63E-07	9.63E-07	0.00E+00	1.50E-07	3.91E-07	4.22E-07	0.00E+00
South Dakota	Buffalo	46017	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Buffalo	46017	R	1,3-Dichloropropene	4.09E-04	4.09E-04	4.09E-04	4.09E-04	4.09E-04	4.09E-04	4.09E-04	4.09E-04	0.00E+00	4.09E-04	0.00E+00	0.00E+00	0.00E+00
South Dakota	Buffalo	46017	R	Diesel Particulate Matter	1.74E-01	1.74E-01	1.74E-01	1.74E-01	1.74E-01	1.74E-01	1.74E-01	1.74E-01	0.00E+00	0.00E+00	2.66E-02	1.48E-01	***
South Dakota	Buffalo	46017	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.70E-03
South Dakota	Buffalo	46017	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	1.44E-08	0.00E+00	0.00E+00	6.10E-02
South Dakota	Buffalo	46017	R	Ethylene Oxide	3.02E-06	3.02E-06	3.02E-06	3.02E-06	3.02E-06	3.02E-06	3.02E-06	3.02E-06	0.00E+00	3.02E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Buffalo	46017	R	Formaldehyde	2.64E-01	2.64E-01	2.64E-01	2.64E-01	2.64E-01	2.64E-01	2.64E-01	2.64E-01	0.00E+00	3.22E-03	5.88E-03	4.73E-03	2.50E-01
South Dakota	Buffalo	46017	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	9.49E-08	0.00E+00	0.00E+00	9.30E-05
South Dakota	Buffalo	46017	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Buffalo	46017	R	Lead Compounds	1.60E-06	1.60E-06	1.60E-06	1.60E-06	1.60E-06	1.60E-06	1.60E-06	1.60E-06	0.00E+00	1.06E-06	5.40E-07	0.00E+00	0.00E+00
South Dakota	Buffalo	46017	R	Manganese Compounds	7.64E-06	7.64E-06	7.64E-06	7.64E-06	7.64E-06	7.64E-06	7.64E-06	7.64E-06	0.00E+00	7.02E-06	1.57E-07	4.71E-07	0.00E+00
South Dakota	Buffalo	46017	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	0.00E+00	4.74E-07	5.27E-09	1.20E-07	1.50E-03
South Dakota	Buffalo	46017	R	Methylene Chloride	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	0.00E+00	6.87E-04	0.00E+00	0.00E+00	1.50E-01
South Dakota	Buffalo	46017	R	Nickel Compounds	1.07E-06	1.07E-06	1.07E-06	1.07E-06	1.07E-06	1.07E-06	1.07E-06	1.07E-06	0.00E+00	5.60E-07	3.04E-07	2.03E-07	0.00E+00
South Dakota	Buffalo	46017	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	0.00E+00	1.83E-04	0.00E+00	0.00E+00	1.40E-01
South Dakota	Buffalo	46017	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
South Dakota	Buffalo	46017	R	Polycyclic Organic Matter	4.92E-04	4.92E-04	4.92E-04	4.92E-04	4.92E-04	4.92E-04	4.92E-04	4.92E-04	0.00E+00	4.87E-04	2.82E-06	2.56E-06	0.00E+00
South Dakota	Buffalo	46017	R	7-PAH	4.41E-05	4.41E-05	4.41E-05	4.41E-05	4.41E-05	4.41E-05	4.41E-05	4.41E-05	0.00E+00	4.15E-05	1.25E-06	1.32E-06	0.00E+00

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration

Estimated Annual Average Ambient Concentrations (µg/m^3) for South Dakota

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Dakota	Buffalo	46017	R	Propylene Dichloride	2.01E-08	2.01E-08	2.01E-08	2.01E-08	2.01E-08	2.01E-08	2.01E-08	2.01E-08	0.00E+00	2.01E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Buffalo	46017	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Buffalo	46017	R	1,1,2,2-Tetrachloroethane	3.05E-09	3.05E-09	3.05E-09	3.05E-09	3.05E-09	3.05E-09	3.05E-09	3.05E-09	0.00E+00	3.05E-09	0.00E+00	0.00E+00	0.00E+00
South Dakota	Buffalo	46017	R	Trichloroethylene	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	0.00E+00	5.36E-05	0.00E+00	0.00E+00	8.10E-02
South Dakota	Buffalo	46017	R	Vinyl Chloride	1.17E-08	1.17E-08	1.17E-08	1.17E-08	1.17E-08	1.17E-08	1.17E-08	1.17E-08	0.00E+00	1.17E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Butte	46019	U	Acetaldehyde	6.20E-03	6.20E-03	6.20E-03	1.99E-02	1.99E-02	3.36E-02	3.36E-02	3.36E-02	2.69E-06	8.98E-03	7.63E-03	3.30E-03	0.00E+00
South Dakota	Butte	46019	U	Acrolein	1.67E-03	1.67E-03	1.67E-03	9.81E-03	9.81E-03	1.80E-02	1.80E-02	1.80E-02	1.37E-06	7.77E-03	9.64E-04	1.08E-03	0.00E+00
South Dakota	Butte	46019	U	Acrylonitrile	2.02E-05	2.02E-05	2.02E-05	2.31E-05	2.31E-05	2.60E-05	2.60E-05	2.60E-05	0.00E+00	2.31E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Butte	46019	U	Arsenic Compounds	2.75E-06	2.75E-06	2.75E-06	2.79E-06	2.79E-06	2.84E-06	2.84E-06	2.84E-06	1.98E-06	7.98E-07	1.49E-08	0.00E+00	0.00E+00
South Dakota	Butte	46019	U	Benzene	4.89E-01	4.89E-01	4.89E-01	5.20E-01	5.20E-01	5.52E-01	5.52E-01	5.52E-01	7.04E-06	1.53E-02	1.15E-02	1.33E-02	4.80E-01
South Dakota	Butte	46019	U	Beryllium Compounds	1.67E-07	1.67E-07	1.67E-07	3.08E-07	3.08E-07	4.49E-07	4.49E-07	4.49E-07	1.04E-07	2.04E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Butte	46019	U	1,3-Butadiene	4.12E-04	4.12E-04	4.12E-04	3.70E-03	3.70E-03	6.99E-03	6.99E-03	6.99E-03	0.00E+00	2.33E-03	8.09E-04	5.69E-04	0.00E+00
South Dakota	Butte	46019	U	Cadmium Compounds	4.74E-07	4.74E-07	4.74E-07	7.11E-07	7.11E-07	9.49E-07	9.49E-07	9.49E-07	2.57E-07	4.54E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Butte	46019	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	3.52E-06	0.00E+00	0.00E+00	8.80E-01
South Dakota	Butte	46019	U	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	0.00E+00	2.45E-05	0.00E+00	0.00E+00	8.30E-02
South Dakota	Butte	46019	U	Chromium Compounds	2.62E-06	2.62E-06	2.62E-06	4.01E-06	4.01E-06	5.40E-06	5.40E-06	5.40E-06	1.30E-06	1.04E-06	1.04E-06	6.33E-07	0.00E+00
South Dakota	Butte	46019	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Butte	46019	U	1,3-Dichloropropene	2.99E-04	2.99E-04	2.99E-04	1.94E-03	1.94E-03	3.59E-03	3.59E-03	3.59E-03	0.00E+00	1.94E-03	0.00E+00	0.00E+00	0.00E+00
South Dakota	Butte	46019	U	Diesel Particulate Matter	5.81E-02	5.81E-02	5.81E-02	6.97E-02	6.97E-02	8.13E-02	8.13E-02	8.13E-02	0.00E+00	0.00E+00	1.95E-02	5.02E-02	***
South Dakota	Butte	46019	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	1.29E-08	0.00E+00	0.00E+00	7.70E-03
South Dakota	Butte	46019	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	2.17E-07	3.30E-06	0.00E+00	0.00E+00	6.10E-02
South Dakota	Butte	46019	U	Ethylene Oxide	5.52E-06	5.52E-06	5.52E-06	4.30E-05	4.30E-05	8.06E-05	8.06E-05	8.06E-05	0.00E+00	4.30E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Butte	46019	U	Formaldehyde	2.59E-01	2.59E-01	2.59E-01	2.96E-01	2.96E-01	3.33E-01	3.33E-01	3.33E-01	1.33E-06	3.43E-02	7.08E-03	4.78E-03	2.50E-01
South Dakota	Butte	46019	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	4.53E-08	0.00E+00	0.00E+00	9.30E-05
South Dakota	Butte	46019	U	Hydrazine	5.82E-12	5.82E-12	5.82E-12	2.34E-11	2.34E-11	4.09E-11	4.09E-11	4.09E-11	0.00E+00	2.34E-11	0.00E+00	0.00E+00	0.00E+00
South Dakota	Butte	46019	U	Lead Compounds	5.23E-06	5.23E-06	5.23E-06	1.28E-05	1.28E-05	2.05E-05	2.05E-05	2.05E-05	2.11E-06	9.29E-06	1.45E-06	0.00E+00	0.00E+00
South Dakota	Butte	46019	U	Manganese Compounds	1.18E-05	1.18E-05	1.18E-05	4.46E-05	4.46E-05	7.75E-05	7.75E-05	7.75E-05	2.42E-06	4.10E-05	4.14E-07	7.75E-07	0.00E+00
South Dakota	Butte	46019	U	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	4.50E-07	1.97E-06	1.38E-08	1.73E-07	1.50E-03
South Dakota	Butte	46019	U	Methylene Chloride	1.51E-01	1.51E-01	1.51E-01	1.54E-01	1.54E-01	1.57E-01	1.57E-01	1.57E-01	1.52E-06	3.74E-03	0.00E+00	0.00E+00	1.50E-01
South Dakota	Butte	46019	U	Nickel Compounds	2.85E-06	2.85E-06	2.85E-06	8.84E-06	8.84E-06	1.48E-05	1.48E-05	1.48E-05	1.35E-06	6.35E-06	7.95E-07	3.49E-07	0.00E+00
South Dakota	Butte	46019	U	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.42E-01	1.42E-01	1.44E-01	1.44E-01	1.44E-01	2.24E-07	2.02E-03	0.00E+00	0.00E+00	1.40E-01
South Dakota	Butte	46019	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
South Dakota	Butte	46019	U	Polycyclic Organic Matter	4.53E-04	4.53E-04	4.53E-04	3.00E-03	3.00E-03	5.56E-03	5.56E-03	5.56E-03	1.02E-07	2.99E-03	7.41E-06	6.48E-06	0.00E+00
South Dakota	Butte	46019	U	7-PAH	4.50E-05	4.50E-05	4.50E-05	3.28E-04	3.28E-04	6.10E-04	6.10E-04	6.10E-04	2.08E-09	3.21E-04	3.29E-06	3.34E-06	0.00E+00
South Dakota	Butte	46019	U	Propylene Dichloride	1.21E-06	1.21E-06	1.21E-06	1.37E-06	1.37E-06	1.54E-06	1.54E-06	1.54E-06	0.00E+00	1.37E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Butte	46019	U	Quinoline	1.88E-10	1.88E-10	1.88E-10	6.34E-10	6.34E-10	1.08E-09	1.08E-09	1.08E-09	0.00E+00	6.34E-10	0.00E+00	0.00E+00	0.00E+00
South Dakota	Butte	46019	U	1,1,2,2-Tetrachloroethane	1.09E-05	1.09E-05	1.09E-05	1.22E-05	1.22E-05	1.36E-05	1.36E-05	1.36E-05	0.00E+00	1.22E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Butte	46019	U	Trichloroethylene	8.11E-02	8.11E-02	8.11E-02	8.14E-02	8.14E-02	8.18E-02	8.18E-02	8.18E-02	0.00E+00	4.24E-04	0.00E+00	0.00E+00	8.10E-02
South Dakota	Butte	46019	U	Vinyl Chloride	2.67E-05	2.67E-05	2.67E-05	3.02E-05	3.02E-05	3.36E-05	3.36E-05	3.36E-05	0.00E+00	3.02E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Campbell	46021	R	Acetaldehyde	6.92E-03	6.92E-03	6.92E-03	6.92E-03	6.92E-03	6.92E-03	6.92E-03	6.92E-03	0.00E+00	5.05E-04	3.12E-03	3.30E-03	0.00E+00
South Dakota	Campbell	46021	R	Acrolein	6.18E-04	6.18E-04	6.18E-04	6.18E-04	6.18E-04	6.18E-04	6.18E-04	6.18E-04	0.00E+00	2.26E-05	3.80E-04	2.15E-04	0.00E+00
South Dakota	Campbell	46021	R	Acrylonitrile	1.56E-06	1.56E-06	1.56E-06	1.56E-06	1.56E-06	1.56E-06	1.56E-06	1.56E-06	0.00E+00	1.56E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Campbell	46021	R	Arsenic Compounds	8.04E-08	8.04E-08	8.04E-08	8.04E-08	8.04E-08	8.04E-08	8.04E-08	8.04E-08	0.00E+00	7.72E-08	3.20E-09	3.44E-11	0.00E+00
South Dakota	Campbell	46021	R	Benzene	4.89E-01	4.89E-01	4.89E-01	4.89E-01	4.89E-01	4.89E-01	4.89E-01	4.89E-01	0.00E+00	1.16E-04	4.49E-03	3.94E-03	4.80E-01
South Dakota	Campbell	46021	R	Beryllium Compounds	2.48E-08	2.48E-08	2.48E-08	2.48E-08	2.48E-08	2.48E-08	2.48E-08	2.48E-08	0.00E+00	2.48E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Campbell	46021	R	1,3-Butadiene	5.47E-04	5.47E-04	5.47E-04	5.47E-04	5.47E-04	5.47E-04	5.47E-04	5.47E-04	0.00E+00	2.27E-07	3.10E-04	2.36E-04	0.00E+00
South Dakota	Campbell	46021	R	Cadmium Compounds	6.36E-08	6.36E-08	6.36E-08	6.36E-08	6.36E-08	6.36E-08	6.36E-08	6.36E-08	0.00E+00	6.36E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Campbell	46021	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.14E-06	0.00E+00	0.00E+00	8.80E-01
South Dakota	Campbell	46021	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	0.00E+00	7.37E-06	0.00E+00	0.00E+00	8.30E-02
South Dakota	Campbell	46021	R	Chromium Compounds	5.09E-07	5.09E-07	5.09E-07	5.09E-07	5.09E-07	5.09E-07	5.09E-07	5.09E-07	0.00E+00	9.49E-08	2.12E-07	2.03E-07	0.00E+00
South Dakota	Campbell	46021	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Campbell	46021	R	1,3-Dichloropropene	2.36E-04	2.36E-04	2.36E-04	2.36E-04	2.36E-04	2.36E-04	2.36E-04	2.36E-04	0.00E+00	2.36E-04	0.00E+00	0.00E+00	0.00E+00
South Dakota	Campbell	46021	R	Diesel Particulate Matter	1.58E-01	1.58E-01	1.58E-01	1.58E-01	1.58E-01	1.58E-01	1.58E-01	1.58E-01	0.00E+00	0.00E+00	1.91E-02	1.39E-01	***
South Dakota	Campbell	46021	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	6.76E-10	0.00E+00	0.00E+00	7.70E-03
South Dakota	Campbell	46021	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	1.96E-07	0.00E+00	0.00E+00	6.10E-02

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration

Estimated Annual Average Ambient Concentrations (μg/m^3) for South Dakota

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Dakota	Campbell	46021	R	Ethylene Oxide	3.34E-06	3.34E-06	3.34E-06	3.34E-06	3.34E-06	3.34E-06	3.34E-06	3.34E-06	0.00E+00	3.34E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Campbell	46021	R	Formaldehyde	2.57E-01	2.57E-01	2.57E-01	2.57E-01	2.57E-01	2.57E-01	2.57E-01	2.57E-01	0.00E+00	6.46E-04	3.00E-03	3.28E-03	2.50E-01
South Dakota	Campbell	46021	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	7.70E-08	0.00E+00	0.00E+00	9.30E-05
South Dakota	Campbell	46021	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Campbell	46021	R	Lead Compounds	1.14E-06	1.14E-06	1.14E-06	1.14E-06	1.14E-06	1.14E-06	1.14E-06	1.14E-06	0.00E+00	8.48E-07	2.91E-07	0.00E+00	0.00E+00
South Dakota	Campbell	46021	R	Manganese Compounds	4.30E-06	4.30E-06	4.30E-06	4.30E-06	4.30E-06	4.30E-06	4.30E-06	4.30E-06	0.00E+00	3.99E-06	8.33E-08	2.28E-07	0.00E+00
South Dakota	Campbell	46021	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	0.00E+00	4.21E-07	2.83E-09	5.77E-08	1.50E-03
South Dakota	Campbell	46021	R	Methylene Chloride	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	0.00E+00	4.15E-04	0.00E+00	0.00E+00	1.50E-01
South Dakota	Campbell	46021	R	Nickel Compounds	8.42E-07	8.42E-07	8.42E-07	8.42E-07	8.42E-07	8.42E-07	8.42E-07	8.42E-07	0.00E+00	5.81E-07	1.64E-07	9.74E-08	0.00E+00
South Dakota	Campbell	46021	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	0.00E+00	4.83E-04	0.00E+00	0.00E+00	1.40E-01
South Dakota	Campbell	46021	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
South Dakota	Campbell	46021	R	Polycyclic Organic Matter	2.44E-04	2.44E-04	2.44E-04	2.44E-04	2.44E-04	2.44E-04	2.44E-04	2.44E-04	0.00E+00	2.41E-04	1.54E-06	1.72E-06	0.00E+00
South Dakota	Campbell	46021	R	7-PAH	1.65E-05	1.65E-05	1.65E-05	1.65E-05	1.65E-05	1.65E-05	1.65E-05	1.65E-05	0.00E+00	1.50E-05	6.82E-07	8.85E-07	0.00E+00
South Dakota	Campbell	46021	R	Propylene Dichloride	8.35E-08	8.35E-08	8.35E-08	8.35E-08	8.35E-08	8.35E-08	8.35E-08	8.35E-08	0.00E+00	8.35E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Campbell	46021	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Campbell	46021	R	1,1,2,2-Tetrachloroethane	6.72E-07	6.72E-07	6.72E-07	6.72E-07	6.72E-07	6.72E-07	6.72E-07	6.72E-07	0.00E+00	6.72E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Campbell	46021	R	Trichloroethylene	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	0.00E+00	4.62E-05	0.00E+00	0.00E+00	8.10E-02
South Dakota	Campbell	46021	R	Vinyl Chloride	1.66E-06	1.66E-06	1.66E-06	1.66E-06	1.66E-06	1.66E-06	1.66E-06	1.66E-06	0.00E+00	1.66E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Charles Mix	46023	R	Acetaldehyde	1.54E-02	1.54E-02	1.54E-02	1.79E-02	1.92E-02	2.42E-02	2.42E-02	2.42E-02	0.00E+00	2.67E-03	1.06E-02	5.86E-03	0.00E+00
South Dakota	Charles Mix	46023	R	Acrolein	2.08E-03	2.08E-03	2.08E-03	2.15E-03	2.33E-03	2.76E-03	2.76E-03	2.76E-03	0.00E+00	6.06E-04	1.33E-03	3.89E-04	0.00E+00
South Dakota	Charles Mix	46023	R	Acrylonitrile	1.72E-06	1.72E-06	1.72E-06	2.25E-06	3.03E-06	5.13E-06	5.13E-06	5.13E-06	0.00E+00	3.03E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Charles Mix	46023	R	Arsenic Compounds	1.99E-07	1.99E-07	1.99E-07	2.27E-07	2.50E-07	3.25E-07	3.25E-07	3.25E-07	0.00E+00	2.40E-07	1.01E-08	1.30E-10	0.00E+00
South Dakota	Charles Mix	46023	R	Benzene	4.99E-01	4.99E-01	4.99E-01	5.00E-01	5.02E-01	5.07E-01	5.07E-01	5.07E-01	0.00E+00	1.70E-03	1.51E-02	4.99E-03	4.80E-01
South Dakota	Charles Mix	46023	R	Beryllium Compounds	5.92E-08	5.92E-08	5.92E-08	6.58E-08	7.36E-08	9.59E-08	9.59E-08	9.59E-08	0.00E+00	7.36E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Charles Mix	46023	R	1,3-Butadiene	1.21E-03	1.21E-03	1.21E-03	1.34E-03	1.40E-03	1.66E-03	1.66E-03	1.66E-03	0.00E+00	9.42E-05	9.84E-04	3.22E-04	0.00E+00
South Dakota	Charles Mix	46023	R	Cadmium Compounds	2.74E-07	2.74E-07	2.74E-07	2.90E-07	3.25E-07	4.11E-07	4.11E-07	4.11E-07	0.00E+00	3.25E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Charles Mix	46023	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	3.73E-06	0.00E+00	0.00E+00	8.80E-01
South Dakota	Charles Mix	46023	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	0.00E+00	1.81E-05	0.00E+00	0.00E+00	8.30E-02
South Dakota	Charles Mix	46023	R	Chromium Compounds	1.31E-06	1.31E-06	1.31E-06	1.47E-06	1.65E-06	2.17E-06	2.17E-06	2.17E-06	0.00E+00	3.05E-07	6.51E-07	6.92E-07	0.00E+00
South Dakota	Charles Mix	46023	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Charles Mix	46023	R	1,3-Dichloropropene	4.98E-04	4.98E-04	4.98E-04	6.20E-04	6.88E-04	9.47E-04	9.47E-04	9.47E-04	0.00E+00	6.88E-04	0.00E+00	0.00E+00	0.00E+00
South Dakota	Charles Mix	46023	R	Diesel Particulate Matter	2.07E-01	2.07E-01	2.07E-01	2.45E-01	2.46E-01	2.86E-01	2.86E-01	2.86E-01	0.00E+00	0.00E+00	4.45E-02	2.01E-01	***
South Dakota	Charles Mix	46023	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	2.23E-09	0.00E+00	0.00E+00	7.70E-03
South Dakota	Charles Mix	46023	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	6.05E-07	0.00E+00	0.00E+00	6.10E-02
South Dakota	Charles Mix	46023	R	Ethylene Oxide	1.56E-05	1.56E-05	1.56E-05	1.90E-05	1.89E-05	2.21E-05	2.21E-05	2.21E-05	0.00E+00	1.89E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Charles Mix	46023	R	Formaldehyde	2.68E-01	2.68E-01	2.68E-01	2.70E-01	2.72E-01	2.77E-01	2.77E-01	2.77E-01	4.15E-06	4.57E-03	1.04E-02	6.91E-03	2.50E-01
South Dakota	Charles Mix	46023	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	9.94E-08	0.00E+00	0.00E+00	9.30E-05
South Dakota	Charles Mix	46023	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	3.88E-11	6.07E-11	1.43E-10	1.43E-10	1.43E-10	0.00E+00	6.07E-11	0.00E+00	0.00E+00	0.00E+00
South Dakota	Charles Mix	46023	R	Lead Compounds	4.99E-06	4.99E-06	4.99E-06	5.69E-06	6.02E-06	7.38E-06	7.38E-06	7.38E-06	0.00E+00	5.12E-06	8.96E-07	0.00E+00	0.00E+00
South Dakota	Charles Mix	46023	R	Manganese Compounds	9.14E-06	9.14E-06	9.14E-06	1.40E-05	1.38E-05	1.83E-05	1.83E-05	1.83E-05	0.00E+00	1.28E-05	2.57E-07	7.70E-07	0.00E+00
South Dakota	Charles Mix	46023	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	0.00E+00	2.79E-06	8.75E-09	1.98E-07	1.50E-03
South Dakota	Charles Mix	46023	R	Methylene Chloride	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.52E-01	1.52E-01	1.52E-01	0.00E+00	1.24E-03	0.00E+00	0.00E+00	1.50E-01
South Dakota	Charles Mix	46023	R	Nickel Compounds	2.43E-06	2.43E-06	2.43E-06	2.85E-06	2.93E-06	3.51E-06	3.51E-06	3.51E-06	0.00E+00	2.10E-06	5.05E-07	3.27E-07	0.00E+00
South Dakota	Charles Mix	46023	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	0.00E+00	6.59E-04	0.00E+00	0.00E+00	1.40E-01
South Dakota	Charles Mix	46023	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
South Dakota	Charles Mix	46023	R	Polycyclic Organic Matter	6.21E-04	6.21E-04	6.21E-04	7.18E-04	7.96E-04	1.05E-03	1.05E-03	1.05E-03	0.00E+00	7.89E-04	4.72E-06	2.03E-06	0.00E+00
South Dakota	Charles Mix	46023	R	7-PAH	4.94E-05	4.94E-05	4.94E-05	5.42E-05	5.88E-05	7.27E-05	7.27E-05	7.27E-05	0.00E+00	5.56E-05	2.10E-06	1.03E-06	0.00E+00
South Dakota	Charles Mix	46023	R	Propylene Dichloride	7.18E-08	7.18E-08	7.18E-08	1.14E-07	1.58E-07	2.90E-07	2.90E-07	2.90E-07	0.00E+00	1.58E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Charles Mix	46023	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	1.07E-09	1.35E-09	2.98E-09	2.98E-09	2.98E-09	0.00E+00	1.35E-09	0.00E+00	0.00E+00	0.00E+00
South Dakota	Charles Mix	46023	R	1,1,2,2-Tetrachloroethane	3.78E-07	3.78E-07	3.78E-07	6.79E-07	1.03E-06	2.02E-06	2.02E-06	2.02E-06	0.00E+00	1.03E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Charles Mix	46023	R	Trichloroethylene	8.11E-02	8.11E-02	8.11E-02	8.12E-02	8.12E-02	8.12E-02	8.12E-02	8.12E-02	0.00E+00	1.73E-04	0.00E+00	0.00E+00	8.10E-02
South Dakota	Charles Mix	46023	R	Vinyl Chloride	9.36E-07	9.36E-07	9.36E-07	1.71E-06	2.58E-06	5.08E-06	5.08E-06	5.08E-06	0.00E+00	2.58E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Clark	46025	R	Acetaldehyde	1.17E-02	1.17E-02	1.17E-02	1.27E-02	1.27E-02	1.37E-02	1.37E-02	1.37E-02	0.00E+00	1.18E-03	6.90E-03	4.66E-03	0.00E+00
South Dakota	Clark	46025	R	Acrolein	1.46E-03	1.46E-03	1.46E-03	1.49E-03	1.49E-03	1.52E-03	1.52E-03	1.52E-03	0.00E+00	3.33E-04	8.57E-04	3.00E-04	0.00E+00
South Dakota	Clark	46025	R	Acrylonitrile	1.72E-06	1.72E-06	1.72E-06	1.86E-06	1.86E-06	2.00E-06	2.00E-06	2.00E-06	0.00E+00	1.86E-06	0.00E+00	0.00E+00	0.00E+00

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration

Estimated Annual Average Ambient Concentrations (μg/m^3) for South Dakota

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Dakota	Clark	46025	R	Arsenic Compounds	1.34E-07	1.34E-07	1.34E-07	1.72E-07	1.72E-07	2.10E-07	2.10E-07	2.10E-07	0.00E+00	1.65E-07	6.97E-09	0.00E+00	0.00E+00
South Dakota	Clark	46025	R	Benzene	4.95E-01	4.95E-01	4.95E-01	4.95E-01	4.95E-01	4.95E-01	4.95E-01	4.95E-01	0.00E+00	3.10E-03	9.22E-03	2.67E-03	4.80E-01
South Dakota	Clark	46025	R	Beryllium Compounds	3.77E-08	3.77E-08	3.77E-08	4.71E-08	4.71E-08	5.65E-08	5.65E-08	5.65E-08	0.00E+00	4.71E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Clark	46025	R	1,3-Butadiene	7.89E-04	7.89E-04	7.89E-04	7.98E-04	7.98E-04	8.07E-04	8.07E-04	8.07E-04	0.00E+00	6.36E-05	5.64E-04	1.70E-04	0.00E+00
South Dakota	Clark	46025	R	Cadmium Compounds	1.67E-07	1.67E-07	1.67E-07	1.68E-07	1.68E-07	1.68E-07	1.68E-07	1.68E-07	0.00E+00	1.68E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Clark	46025	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	2.64E-06	0.00E+00	0.00E+00	8.80E-01
South Dakota	Clark	46025	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	0.00E+00	1.62E-05	0.00E+00	0.00E+00	8.30E-02
South Dakota	Clark	46025	R	Chromium Compounds	1.40E-06	1.40E-06	1.40E-06	1.66E-06	1.66E-06	1.91E-06	1.91E-06	1.91E-06	0.00E+00	7.34E-07	4.53E-07	4.69E-07	0.00E+00
South Dakota	Clark	46025	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Clark	46025	R	1,3-Dichloropropene	3.94E-04	3.94E-04	3.94E-04	4.62E-04	4.62E-04	5.30E-04	5.30E-04	5.30E-04	0.00E+00	4.62E-04	0.00E+00	0.00E+00	0.00E+00
South Dakota	Clark	46025	R	Diesel Particulate Matter	2.46E-01	2.46E-01	2.46E-01	2.52E-01	2.52E-01	2.59E-01	2.59E-01	2.59E-01	0.00E+00	0.00E+00	4.04E-02	2.12E-01	***
South Dakota	Clark	46025	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	5.90E-10	0.00E+00	0.00E+00	7.70E-03
South Dakota	Clark	46025	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	1.32E-06	0.00E+00	0.00E+00	6.10E-02
South Dakota	Clark	46025	R	Ethylene Oxide	1.81E-06	1.81E-06	1.81E-06	2.14E-06	2.14E-06	2.47E-06	2.47E-06	2.47E-06	0.00E+00	2.14E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Clark	46025	R	Formaldehyde	2.64E-01	2.64E-01	2.64E-01	2.65E-01	2.65E-01	2.66E-01	2.66E-01	2.66E-01	0.00E+00	2.53E-03	6.58E-03	5.79E-03	2.50E-01
South Dakota	Clark	46025	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.32E-05	0.00E+00	1.43E-07	0.00E+00	0.00E+00	9.30E-05
South Dakota	Clark	46025	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Clark	46025	R	Lead Compounds	1.06E-05	1.06E-05	1.06E-05	1.38E-05	1.38E-05	1.70E-05	1.70E-05	1.70E-05	0.00E+00	3.40E-06	6.19E-07	9.80E-06	0.00E+00
South Dakota	Clark	46025	R	Manganese Compounds	7.75E-06	7.75E-06	7.75E-06	8.61E-06	8.61E-06	9.47E-06	9.47E-06	9.47E-06	0.00E+00	7.91E-06	1.76E-07	5.22E-07	0.00E+00
South Dakota	Clark	46025	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	0.00E+00	1.29E-06	6.12E-09	1.36E-07	1.50E-03
South Dakota	Clark	46025	R	Methylene Chloride	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	0.00E+00	1.10E-03	0.00E+00	0.00E+00	1.50E-01
South Dakota	Clark	46025	R	Nickel Compounds	1.64E-06	1.64E-06	1.64E-06	2.45E-06	2.45E-06	3.25E-06	3.25E-06	3.25E-06	0.00E+00	1.88E-06	3.51E-07	2.16E-07	0.00E+00
South Dakota	Clark	46025	R	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	0.00E+00	7.33E-04	0.00E+00	0.00E+00	1.40E-01
South Dakota	Clark	46025	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
South Dakota	Clark	46025	R	Polycyclic Organic Matter	5.53E-04	5.53E-04	5.53E-04	6.74E-04	6.74E-04	7.95E-04	7.95E-04	7.95E-04	0.00E+00	6.70E-04	3.32E-06	1.06E-06	0.00E+00
South Dakota	Clark	46025	R	7-PAH	3.40E-05	3.40E-05	3.40E-05	3.85E-05	3.85E-05	4.29E-05	4.29E-05	4.29E-05	0.00E+00	3.65E-05	1.48E-06	4.77E-07	0.00E+00
South Dakota	Clark	46025	R	Propylene Dichloride	7.71E-08	7.71E-08	7.71E-08	8.79E-08	8.79E-08	9.88E-08	9.88E-08	9.88E-08	0.00E+00	8.79E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Clark	46025	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Clark	46025	R	1,1,2,2-Tetrachloroethane	4.70E-07	4.70E-07	4.70E-07	5.89E-07	5.89E-07	7.08E-07	7.08E-07	7.08E-07	0.00E+00	5.89E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Clark	46025	R	Trichloroethylene	8.21E-02	8.21E-02	8.21E-02	8.24E-02	8.24E-02	8.28E-02	8.28E-02	8.28E-02	1.36E-03	6.97E-05	0.00E+00	0.00E+00	8.10E-02
South Dakota	Clark	46025	R	Vinyl Chloride	1.16E-06	1.16E-06	1.16E-06	1.46E-06	1.46E-06	1.75E-06	1.75E-06	1.75E-06	0.00E+00	1.46E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Clay	46027	U	Acetaldehyde	3.51E-02	3.51E-02	3.51E-02	7.23E-02	6.23E-02	7.94E-02	7.94E-02	7.94E-02	0.00E+00	1.17E-02	3.46E-02	1.59E-02	0.00E+00
South Dakota	Clay	46027	U	Acrolein	4.14E-03	4.14E-03	4.14E-03	1.62E-02	1.25E-02	1.71E-02	1.71E-02	1.71E-02	0.00E+00	6.24E-03	4.54E-03	1.71E-03	0.00E+00
South Dakota	Clay	46027	U	Acrylonitrile	1.07E-05	1.07E-05	1.07E-05	1.21E-05	1.20E-05	1.34E-05	1.34E-05	1.34E-05	0.00E+00	1.20E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Clay	46027	U	Arsenic Compounds	6.23E-07	6.23E-07	6.23E-07	1.82E-05	1.24E-05	1.83E-05	1.83E-05	1.83E-05	0.00E+00	1.22E-05	1.63E-07	5.06E-10	0.00E+00
South Dakota	Clay	46027	U	Benzene	5.10E-01	5.10E-01	5.10E-01	6.91E-01	6.34E-01	7.00E-01	7.00E-01	7.00E-01	0.00E+00	3.07E-02	8.34E-02	3.95E-02	4.80E-01
South Dakota	Clay	46027	U	Beryllium Compounds	1.58E-07	1.58E-07	1.58E-07	5.52E-06	3.75E-06	5.55E-06	5.55E-06	5.55E-06	0.00E+00	3.75E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Clay	46027	U	1,3-Butadiene	1.53E-03	1.53E-03	1.53E-03	2.28E-02	1.60E-02	2.37E-02	2.37E-02	2.37E-02	0.00E+00	2.47E-03	8.11E-03	5.41E-03	0.00E+00
South Dakota	Clay	46027	U	Cadmium Compounds	1.08E-06	1.08E-06	1.08E-06	8.50E-06	6.18E-06	8.97E-06	8.97E-06	8.97E-06	0.00E+00	6.18E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Clay	46027	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.94E-05	0.00E+00	0.00E+00	8.80E-01
South Dakota	Clay	46027	U	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.34E-02	8.33E-02	8.34E-02	8.34E-02	8.34E-02	0.00E+00	2.97E-04	0.00E+00	0.00E+00	8.30E-02
South Dakota	Clay	46027	U	Chromium Compounds	3.52E-05	3.52E-05	3.52E-05	6.05E-05	5.33E-05	6.43E-05	6.43E-05	6.43E-05	2.08E-05	1.55E-05	1.17E-05	5.30E-06	0.00E+00
South Dakota	Clay	46027	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Clay	46027	U	1,3-Dichloropropene	1.42E-03	1.42E-03	1.42E-03	5.30E-02	3.59E-02	5.34E-02	5.34E-02	5.34E-02	0.00E+00	3.59E-02	0.00E+00	0.00E+00	0.00E+00
South Dakota	Clay	46027	U	Diesel Particulate Matter	4.03E-01	4.03E-01	4.03E-01	8.10E-01	6.97E-01	8.78E-01	8.78E-01	8.78E-01	0.00E+00	0.00E+00	9.24E-02	6.05E-01	***
South Dakota	Clay	46027	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	5.46E-09	0.00E+00	0.00E+00	7.70E-03
South Dakota	Clay	46027	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	1.04E-05	0.00E+00	0.00E+00	6.10E-02
South Dakota	Clay	46027	U	Ethylene Oxide	2.43E-05	2.43E-05	2.43E-05	8.63E-04	5.84E-04	8.64E-04	8.64E-04	8.64E-04	0.00E+00	5.84E-04	0.00E+00	0.00E+00	0.00E+00
South Dakota	Clay	46027	U	Formaldehyde	2.91E-01	2.91E-01	2.91E-01	3.75E-01	3.50E-01	3.85E-01	3.85E-01	3.85E-01	0.00E+00	2.95E-02	4.47E-02	2.61E-02	2.50E-01
South Dakota	Clay	46027	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.36E-05	9.34E-05	9.36E-05	9.36E-05	9.36E-05	0.00E+00	4.43E-07	0.00E+00	0.00E+00	9.30E-05
South Dakota	Clay	46027	U	Hydrazine	6.01E-11	6.01E-11	6.01E-11	9.34E-11	8.36E-11	9.71E-11	9.71E-11	9.71E-11	0.00E+00	8.36E-11	0.00E+00	0.00E+00	0.00E+00
South Dakota	Clay	46027	U	Lead Compounds	5.47E-05	5.47E-05	5.47E-05	2.17E-04	1.66E-04	2.26E-04	2.26E-04	2.26E-04	0.00E+00	1.24E-04	1.68E-05	2.47E-05	0.00E+00
South Dakota	Clay	46027	U	Manganese Compounds	4.54E-05	4.54E-05	4.54E-05	8.38E-04	5.77E-04	8.47E-04	8.47E-04	8.47E-04	5.08E-06	5.59E-04	4.83E-06	7.69E-06	0.00E+00
South Dakota	Clay	46027	U	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.53E-03	1.53E-03	1.53E-03	0.00E+00	1.98E-05	1.59E-07	1.27E-06	1.50E-03
South Dakota	Clay	46027	U	Methylene Chloride	1.52E-01	1.52E-01	1.52E-01	2.62E-01	2.26E-01	2.63E-01	2.63E-01	2.63E-01	0.00E+00	7.59E-02	0.00E+00	0.00E+00	1.50E-01

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration

Estimated Annual Average Ambient Concentrations (μg/m^3) for South Dakota

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Dakota	Clay	46027	U	Nickel Compounds	1.40E-05	1.40E-05	1.40E-05	1.89E-04	1.32E-04	1.91E-04	1.91E-04	1.91E-04	0.00E+00	1.19E-04	8.87E-06	3.88E-06	0.00E+00
South Dakota	Clay	46027	U	Perchloroethylene	1.42E-01	1.42E-01	1.42E-01	2.05E-01	1.84E-01	2.06E-01	2.06E-01	2.06E-01	0.00E+00	4.43E-02	0.00E+00	0.00E+00	1.40E-01
South Dakota	Clay	46027	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
South Dakota	Clay	46027	U	Polycyclic Organic Matter	1.65E-03	1.65E-03	1.65E-03	4.89E-02	3.33E-02	4.93E-02	4.93E-02	4.93E-02	0.00E+00	3.32E-02	8.14E-05	1.04E-05	0.00E+00
South Dakota	Clay	46027	U	7-PAH	1.14E-04	1.14E-04	1.14E-04	2.99E-03	2.04E-03	3.01E-03	3.01E-03	3.01E-03	0.00E+00	2.00E-03	3.62E-05	5.15E-06	0.00E+00
South Dakota	Clay	46027	U	Propylene Dichloride	5.30E-07	5.30E-07	5.30E-07	5.76E-07	5.71E-07	6.07E-07	6.07E-07	6.07E-07	0.00E+00	5.71E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Clay	46027	U	Quinoline	1.79E-09	1.79E-09	1.79E-09	2.24E-09	2.11E-09	2.31E-09	2.31E-09	2.31E-09	0.00E+00	2.11E-09	0.00E+00	0.00E+00	0.00E+00
South Dakota	Clay	46027	U	1,1,2,2-Tetrachloroethane	3.42E-06	3.42E-06	3.42E-06	3.45E-06	3.50E-06	3.64E-06	3.64E-06	3.64E-06	0.00E+00	3.50E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Clay	46027	U	Trichloroethylene	8.40E-02	8.40E-02	8.40E-02	9.42E-02	9.08E-02	9.43E-02	9.43E-02	9.43E-02	0.00E+00	9.84E-03	0.00E+00	0.00E+00	8.10E-02
South Dakota	Clay	46027	U	Vinyl Chloride	8.54E-06	8.54E-06	8.54E-06	8.61E-06	8.73E-06	9.05E-06	9.05E-06	9.05E-06	0.00E+00	8.73E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Codington	46029	U	Acetaldehyde	2.09E-02	2.09E-02	2.32E-02	4.70E-02	4.64E-02	6.26E-02	7.85E-02	7.85E-02	0.00E+00	8.44E-03	2.12E-02	1.68E-02	0.00E+00
South Dakota	Codington	46029	U	Acrolein	5.52E-03	5.52E-03	5.53E-03	1.26E-02	1.20E-02	1.59E-02	2.03E-02	2.03E-02	0.00E+00	6.44E-03	2.83E-03	2.71E-03	0.00E+00
South Dakota	Codington	46029	U	Acrylonitrile	2.16E-05	2.16E-05	2.44E-05	4.38E-05	3.62E-05	4.53E-05	4.61E-05	4.61E-05	0.00E+00	3.62E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Codington	46029	U	Arsenic Compounds	4.10E-07	4.10E-07	5.89E-07	4.25E-06	1.12E-05	1.29E-05	3.79E-05	3.79E-05	0.00E+00	1.11E-05	1.22E-07	0.00E+00	0.00E+00
South Dakota	Codington	46029	U	Benzene	5.06E-01	5.06E-01	5.06E-01	5.52E-01	5.93E-01	6.39E-01	7.63E-01	7.63E-01	0.00E+00	1.82E-02	5.46E-02	4.06E-02	4.80E-01
South Dakota	Codington	46029	U	Beryllium Compounds	1.03E-07	1.03E-07	1.49E-07	9.97E-07	2.93E-06	3.41E-06	9.97E-06	9.97E-06	0.00E+00	2.93E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Codington	46029	U	1,3-Butadiene	2.60E-03	2.60E-03	2.88E-03	9.33E-03	1.37E-02	1.99E-02	3.39E-02	3.39E-02	0.00E+00	2.60E-03	5.65E-03	5.48E-03	0.00E+00
South Dakota	Codington	46029	U	Cadmium Compounds	6.87E-07	6.87E-07	7.12E-07	2.66E-06	5.46E-06	6.38E-06	1.69E-05	1.69E-05	0.00E+00	5.46E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Codington	46029	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.91E-05	0.00E+00	0.00E+00	8.80E-01
South Dakota	Codington	46029	U	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.32E-02	8.33E-02	8.34E-02	8.34E-02	0.00E+00	1.93E-04	0.00E+00	0.00E+00	8.30E-02
South Dakota	Codington	46029	U	Chromium Compounds	7.15E-06	7.15E-06	1.03E-05	7.44E-05	1.40E-04	1.54E-04	4.54E-04	4.54E-04	0.00E+00	1.27E-04	8.15E-06	4.62E-06	0.00E+00
South Dakota	Codington	46029	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Codington	46029	U	1,3-Dichloropropene	9.30E-04	9.30E-04	1.24E-03	7.41E-03	2.06E-02	3.15E-02	6.20E-02	6.20E-02	0.00E+00	2.06E-02	0.00E+00	0.00E+00	0.00E+00
South Dakota	Codington	46029	U	Diesel Particulate Matter	2.80E-01	2.80E-01	3.06E-01	4.19E-01	4.90E-01	5.59E-01	8.87E-01	8.87E-01	0.00E+00	0.00E+00	7.04E-02	4.20E-01	***
South Dakota	Codington	46029	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	1.90E-08	0.00E+00	0.00E+00	7.70E-03
South Dakota	Codington	46029	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	7.41E-06	0.00E+00	0.00E+00	6.10E-02
South Dakota	Codington	46029	U	Ethylene Oxide	1.11E-05	1.11E-05	1.32E-05	8.04E-05	3.45E-04	2.52E-04	1.37E-03	1.37E-03	0.00E+00	3.45E-04	0.00E+00	0.00E+00	0.00E+00
South Dakota	Codington	46029	U	Formaldehyde	2.87E-01	2.87E-01	2.88E-01	3.35E-01	3.35E-01	3.63E-01	4.01E-01	4.01E-01	0.00E+00	2.85E-02	2.80E-02	2.82E-02	2.50E-01
South Dakota	Codington	46029	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.33E-05	9.33E-05	9.34E-05	9.37E-05	9.37E-05	0.00E+00	3.37E-07	0.00E+00	0.00E+00	9.30E-05
South Dakota	Codington	46029	U	Hydrazine	0.00E+00	0.00E+00	1.08E-10	1.27E-10	1.01E-10	1.32E-10	1.39E-10	1.39E-10	0.00E+00	1.01E-10	0.00E+00	0.00E+00	0.00E+00
South Dakota	Codington	46029	U	Lead Compounds	4.55E-05	4.55E-05	1.12E-04	5.61E-04	4.63E-04	7.38E-04	8.61E-04	8.61E-04	0.00E+00	8.04E-05	1.16E-05	3.71E-04	0.00E+00
South Dakota	Codington	46029	U	Manganese Compounds	1.81E-05	1.81E-05	2.32E-05	1.24E-04	3.23E-04	4.80E-04	9.72E-04	9.72E-04	0.00E+00	3.14E-04	3.39E-06	6.11E-06	0.00E+00
South Dakota	Codington	46029	U	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.54E-03	1.54E-03	0.00E+00	1.71E-05	1.11E-07	1.17E-06	1.50E-03
South Dakota	Codington	46029	U	Methylene Chloride	1.53E-01	1.53E-01	1.55E-01	1.93E-01	2.45E-01	2.52E-01	4.73E-01	4.73E-01	0.00E+00	9.53E-02	0.00E+00	0.00E+00	1.50E-01
South Dakota	Codington	46029	U	Nickel Compounds	6.27E-06	6.27E-06	9.20E-06	7.39E-05	1.76E-04	1.69E-04	6.21E-04	6.21E-04	0.00E+00	1.67E-04	6.25E-06	2.99E-06	0.00E+00
South Dakota	Codington	46029	U	Perchloroethylene	1.42E-01	1.42E-01	1.43E-01	1.60E-01	1.97E-01	2.23E-01	3.17E-01	3.17E-01	0.00E+00	5.68E-02	0.00E+00	0.00E+00	1.40E-01
South Dakota	Codington	46029	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
South Dakota	Codington	46029	U	Polycyclic Organic Matter	1.49E-03	1.49E-03	1.76E-03	7.76E-03	1.89E-02	2.79E-02	5.54E-02	5.54E-02	0.00E+00	1.88E-02	5.69E-05	1.49E-05	0.00E+00
South Dakota	Codington	46029	U	7-PAH	1.63E-04	1.63E-04	1.72E-04	5.86E-04	1.20E-03	1.77E-03	3.30E-03	3.30E-03	0.00E+00	1.17E-03	2.53E-05	5.58E-06	0.00E+00
South Dakota	Codington	46029	U	Propylene Dichloride	1.20E-06	1.20E-06	1.39E-06	2.46E-06	2.04E-06	2.55E-06	2.60E-06	2.60E-06	0.00E+00	2.04E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Codington	46029	U	Quinoline	0.00E+00	0.00E+00	2.30E-09	2.64E-09	2.16E-09	2.67E-09	3.20E-09	3.20E-09	0.00E+00	2.16E-09	0.00E+00	0.00E+00	0.00E+00
South Dakota	Codington	46029	U	1,1,2,2-Tetrachloroethane	1.01E-05	1.01E-05	1.14E-05	2.05E-05	1.70E-05	2.13E-05	2.17E-05	2.17E-05	0.00E+00	1.70E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Codington	46029	U	Trichloroethylene	8.72E-02	8.72E-02	9.58E-02	1.34E-01	1.21E-01	1.36E-01	1.52E-01	1.52E-01	3.23E-02	7.71E-03	0.00E+00	0.00E+00	8.10E-02
South Dakota	Codington	46029	U	Vinyl Chloride	2.49E-05	2.49E-05	2.82E-05	5.07E-05	4.20E-05	5.26E-05	5.35E-05	5.35E-05	0.00E+00	4.20E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Corson	46031	R	Acetaldehyde	7.19E-03	7.19E-03	7.19E-03	7.19E-03	7.19E-03	7.19E-03	7.19E-03	7.19E-03	0.00E+00	2.51E-03	2.44E-03	2.24E-03	0.00E+00
South Dakota	Corson	46031	R	Acrolein	1.03E-03	1.03E-03	1.03E-03	1.03E-03	1.03E-03	1.03E-03	1.03E-03	1.03E-03	0.00E+00	5.78E-04	3.04E-04	1.46E-04	0.00E+00
South Dakota	Corson	46031	R	Acrylonitrile	3.73E-07	3.73E-07	3.73E-07	3.73E-07	3.73E-07	3.73E-07	3.73E-07	3.73E-07	0.00E+00	3.73E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Corson	46031	R	Arsenic Compounds	4.46E-08	4.46E-08	4.46E-08	4.46E-08	4.46E-08	4.46E-08	4.46E-08	4.46E-08	0.00E+00	4.22E-08	2.46E-09	2.80E-11	0.00E+00
South Dakota	Corson	46031	R	Benzene	4.88E-01	4.88E-01	4.88E-01	4.88E-01	4.88E-01	4.88E-01	4.88E-01	4.88E-01	0.00E+00	2.30E-03	3.53E-03	2.47E-03	4.80E-01
South Dakota	Corson	46031	R	Beryllium Compounds	1.38E-08	1.38E-08	1.38E-08	1.38E-08	1.38E-08	1.38E-08	1.38E-08	1.38E-08	0.00E+00	1.38E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Corson	46031	R	1,3-Butadiene	5.77E-04	5.77E-04	5.77E-04	5.77E-04	5.77E-04	5.77E-04	5.77E-04	5.77E-04	0.00E+00	2.02E-04	2.39E-04	1.37E-04	0.00E+00
South Dakota	Corson	46031	R	Cadmium Compounds	2.12E-08	2.12E-08	2.12E-08	2.12E-08	2.12E-08	2.12E-08	2.12E-08	2.12E-08	0.00E+00	2.12E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Corson	46031	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	8.61E-07	0.00E+00	0.00E+00	8.80E-01
South Dakota	Corson	46031	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	0.00E+00	5.47E-06	0.00E+00	0.00E+00	8.30E-02
South Dakota	Corson	46031	R	Chromium Compounds	3.76E-07	3.76E-07	3.76E-07	3.76E-07	3.76E-07	3.76E-07	3.76E-07	3.76E-07	0.00E+00	5.43E-08	1.55E-07	1.66E-07	0.00E+00

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration

Estimated Annual Average Ambient Concentrations (μg/m^3) for South Dakota

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Dakota	Corson	46031	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Corson	46031	R	1,3-Dichloropropene	1.60E-04	1.60E-04	1.60E-04	1.60E-04	1.60E-04	1.60E-04	1.60E-04	1.60E-04	0.00E+00	1.60E-04	0.00E+00	0.00E+00	0.00E+00
South Dakota	Corson	46031	R	Diesel Particulate Matter	1.11E-01	1.11E-01	1.11E-01	1.11E-01	1.11E-01	1.11E-01	1.11E-01	1.11E-01	0.00E+00	0.00E+00	1.44E-02	9.68E-02	***
South Dakota	Corson	46031	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	6.11E-11	0.00E+00	0.00E+00	7.70E-03
South Dakota	Corson	46031	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	5.83E-07	0.00E+00	0.00E+00	6.10E-02
South Dakota	Corson	46031	R	Ethylene Oxide	3.19E-07	3.19E-07	3.19E-07	3.19E-07	3.19E-07	3.19E-07	3.19E-07	3.19E-07	0.00E+00	3.19E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Corson	46031	R	Formaldehyde	2.59E-01	2.59E-01	2.59E-01	2.59E-01	2.59E-01	2.59E-01	2.59E-01	2.59E-01	0.00E+00	4.83E-03	2.42E-03	2.19E-03	2.50E-01
South Dakota	Corson	46031	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	4.32E-08	0.00E+00	0.00E+00	9.30E-05
South Dakota	Corson	46031	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Corson	46031	R	Lead Compounds	3.91E-07	3.91E-07	3.91E-07	3.91E-07	3.91E-07	3.91E-07	3.91E-07	3.91E-07	0.00E+00	1.77E-07	2.14E-07	0.00E+00	0.00E+00
South Dakota	Corson	46031	R	Manganese Compounds	3.06E-06	3.06E-06	3.06E-06	3.06E-06	3.06E-06	3.06E-06	3.06E-06	3.06E-06	0.00E+00	2.81E-06	6.20E-08	1.86E-07	0.00E+00
South Dakota	Corson	46031	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	0.00E+00	5.97E-08	2.10E-09	4.73E-08	1.50E-03
South Dakota	Corson	46031	R	Methylene Chloride	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	0.00E+00	2.64E-04	0.00E+00	0.00E+00	1.50E-01
South Dakota	Corson	46031	R	Nickel Compounds	3.28E-07	3.28E-07	3.28E-07	3.28E-07	3.28E-07	3.28E-07	3.28E-07	3.28E-07	0.00E+00	1.28E-07	1.21E-07	8.00E-08	0.00E+00
South Dakota	Corson	46031	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	0.00E+00	3.82E-05	0.00E+00	0.00E+00	1.40E-01
South Dakota	Corson	46031	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
South Dakota	Corson	46031	R	Polycyclic Organic Matter	3.23E-04	3.23E-04	3.23E-04	3.23E-04	3.23E-04	3.23E-04	3.23E-04	3.23E-04	0.00E+00	3.21E-04	1.12E-06	1.11E-06	0.00E+00
South Dakota	Corson	46031	R	7-PAH	2.71E-05	2.71E-05	2.71E-05	2.71E-05	2.71E-05	2.71E-05	2.71E-05	2.71E-05	0.00E+00	2.60E-05	4.96E-07	5.73E-07	0.00E+00
South Dakota	Corson	46031	R	Propylene Dichloride	1.45E-08	1.45E-08	1.45E-08	1.45E-08	1.45E-08	1.45E-08	1.45E-08	1.45E-08	0.00E+00	1.45E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Corson	46031	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Corson	46031	R	1,1,2,2-Tetrachloroethane	6.18E-08	6.18E-08	6.18E-08	6.18E-08	6.18E-08	6.18E-08	6.18E-08	6.18E-08	0.00E+00	6.18E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Corson	46031	R	Trichloroethylene	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	0.00E+00	1.12E-05	0.00E+00	0.00E+00	8.10E-02
South Dakota	Corson	46031	R	Vinyl Chloride	1.54E-07	1.54E-07	1.54E-07	1.54E-07	1.54E-07	1.54E-07	1.54E-07	1.54E-07	0.00E+00	1.54E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Custer	46033	R	Acetaldehyde	9.12E-02	9.12E-02	9.12E-02	1.89E-01	1.89E-01	2.88E-01	2.88E-01	2.88E-01	8.68E-08	1.70E-01	1.55E-02	3.62E-03	0.00E+00
South Dakota	Custer	46033	R	Acrolein	4.72E-02	4.72E-02	4.72E-02	1.40E-01	1.40E-01	2.34E-01	2.34E-01	2.34E-01	4.41E-08	1.38E-01	1.73E-03	3.71E-04	0.00E+00
South Dakota	Custer	46033	R	Acrylonitrile	1.55E-05	1.55E-05	1.55E-05	1.65E-05	1.65E-05	1.75E-05	1.75E-05	1.75E-05	0.00E+00	1.65E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Custer	46033	R	Arsenic Compounds	8.00E-07	8.00E-07	8.00E-07	1.19E-06	1.19E-06	1.58E-06	1.58E-06	1.58E-06	8.71E-08	1.09E-06	1.35E-08	4.85E-11	0.00E+00
South Dakota	Custer	46033	R	Benzene	5.74E-01	5.74E-01	5.74E-01	8.04E-01	8.04E-01	1.03E+00	1.03E+00	1.03E+00	1.20E-03	3.00E-01	2.14E-02	1.47E-03	4.80E-01
South Dakota	Custer	46033	R	Beryllium Compounds	1.00E-07	1.00E-07	1.00E-07	2.28E-07	2.28E-07	3.56E-07	3.56E-07	3.56E-07	4.66E-09	2.24E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Custer	46033	R	1,3-Butadiene	9.81E-03	9.81E-03	9.81E-03	8.11E-02	8.11E-02	1.52E-01	1.52E-01	1.52E-01	0.00E+00	7.95E-02	1.50E-03	8.04E-05	0.00E+00
South Dakota	Custer	46033	R	Cadmium Compounds	5.30E-07	5.30E-07	5.30E-07	7.12E-07	7.12E-07	8.95E-07	8.95E-07	8.95E-07	1.13E-08	7.01E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Custer	46033	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	3.89E-06	0.00E+00	0.00E+00	8.80E-01
South Dakota	Custer	46033	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	0.00E+00	3.19E-05	0.00E+00	0.00E+00	8.30E-02
South Dakota	Custer	46033	R	Chromium Compounds	2.91E-06	2.91E-06	2.91E-06	4.22E-06	4.22E-06	5.52E-06	5.52E-06	5.52E-06	5.67E-08	2.05E-06	9.31E-07	1.18E-06	0.00E+00
South Dakota	Custer	46033	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Custer	46033	R	1,3-Dichloropropene	7.79E-04	7.79E-04	7.79E-04	2.05E-03	2.05E-03	3.32E-03	3.32E-03	3.32E-03	0.00E+00	2.05E-03	0.00E+00	0.00E+00	0.00E+00
South Dakota	Custer	46033	R	Diesel Particulate Matter	6.41E-02	6.41E-02	6.41E-02	7.19E-02	7.19E-02	7.97E-02	7.97E-02	7.97E-02	0.00E+00	0.00E+00	2.65E-02	4.55E-02	***
South Dakota	Custer	46033	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	8.68E-09	0.00E+00	0.00E+00	7.70E-03
South Dakota	Custer	46033	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	9.36E-09	2.93E-06	0.00E+00	0.00E+00	6.10E-02
South Dakota	Custer	46033	R	Ethylene Oxide	1.39E-05	1.39E-05	1.39E-05	1.52E-05	1.52E-05	1.65E-05	1.65E-05	1.65E-05	0.00E+00	1.52E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Custer	46033	R	Formaldehyde	4.62E-01	4.62E-01	4.62E-01	9.76E-01	9.76E-01	1.49E+00	1.49E+00	1.49E+00	1.11E-03	7.05E-01	1.43E-02	5.64E-03	2.50E-01
South Dakota	Custer	46033	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	3.75E-08	0.00E+00	0.00E+00	9.30E-05
South Dakota	Custer	46033	R	Hydrazine	3.62E-12	3.62E-12	3.62E-12	4.91E-12	4.91E-12	6.20E-12	6.20E-12	6.20E-12	0.00E+00	4.91E-12	0.00E+00	0.00E+00	0.00E+00
South Dakota	Custer	46033	R	Lead Compounds	9.62E-06	9.62E-06	9.62E-06	1.65E-05	1.65E-05	2.35E-05	2.35E-05	2.35E-05	9.23E-08	1.40E-05	1.30E-06	1.19E-06	0.00E+00
South Dakota	Custer	46033	R	Manganese Compounds	3.65E-05	3.65E-05	3.65E-05	4.90E-05	4.90E-05	6.14E-05	6.14E-05	6.14E-05	1.06E-07	4.72E-05	3.73E-07	1.26E-06	0.00E+00
South Dakota	Custer	46033	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	2.98E-08	2.62E-06	1.26E-08	3.41E-07	1.50E-03
South Dakota	Custer	46033	R	Methylene Chloride	1.51E-01	1.51E-01	1.51E-01	1.55E-01	1.55E-01	1.58E-01	1.58E-01	1.58E-01	5.88E-08	4.79E-03	0.00E+00	0.00E+00	1.50E-01
South Dakota	Custer	46033	R	Nickel Compounds	5.33E-06	5.33E-06	5.33E-06	1.08E-05	1.08E-05	1.63E-05	1.63E-05	1.63E-05	5.95E-08	9.50E-06	7.13E-07	5.30E-07	0.00E+00
South Dakota	Custer	46033	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.41E-01	1.41E-01	1.42E-01	1.42E-01	1.42E-01	8.71E-09	9.91E-04	0.00E+00	0.00E+00	1.40E-01
South Dakota	Custer	46033	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
South Dakota	Custer	46033	R	Polycyclic Organic Matter	7.05E-03	7.05E-03	7.05E-03	2.61E-02	2.61E-02	4.51E-02	4.51E-02	4.51E-02	1.46E-04	2.59E-02	6.65E-06	5.00E-07	0.00E+00
South Dakota	Custer	46033	R	7-PAH	1.17E-03	1.17E-03	1.17E-03	4.52E-03	4.52E-03	7.88E-03	7.88E-03	7.88E-03	9.37E-11	4.52E-03	2.95E-06	2.18E-07	0.00E+00
South Dakota	Custer	46033	R	Propylene Dichloride	9.08E-07	9.08E-07	9.08E-07	9.64E-07	9.64E-07	1.02E-06	1.02E-06	1.02E-06	0.00E+00	9.64E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Custer	46033	R	Quinoline	1.06E-10	1.06E-10	1.06E-10	1.36E-10	1.36E-10	1.67E-10	1.67E-10	1.67E-10	0.00E+00	1.36E-10	0.00E+00	0.00E+00	0.00E+00
South Dakota	Custer	46033	R	1,1,2,2-Tetrachloroethane	8.02E-06	8.02E-06	8.02E-06	8.49E-06	8.49E-06	8.95E-06	8.95E-06	8.95E-06	0.00E+00	8.49E-06	0.00E+00	0.00E+00	0.00E+00

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration

Estimated Annual Average Ambient Concentrations (μg/m^3) for South Dakota

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Dakota	Custer	46033	R	Trichloroethylene	8.12E-02	8.12E-02	8.12E-02	8.15E-02	8.15E-02	8.18E-02	8.18E-02	8.18E-02	0.00E+00	5.05E-04	0.00E+00	0.00E+00	8.10E-02
South Dakota	Custer	46033	R	Vinyl Chloride	1.98E-05	1.98E-05	1.98E-05	2.09E-05	2.09E-05	2.21E-05	2.21E-05	2.21E-05	0.00E+00	2.09E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Davison	46035	U	Acetaldehyde	1.71E-02	1.71E-02	2.66E-02	3.81E-02	3.41E-02	4.16E-02	4.32E-02	4.32E-02	0.00E+00	5.99E-03	1.64E-02	1.17E-02	0.00E+00
South Dakota	Davison	46035	U	Acrolein	2.14E-03	2.14E-03	5.44E-03	9.37E-03	8.06E-03	1.07E-02	1.14E-02	1.14E-02	0.00E+00	4.15E-03	2.21E-03	1.71E-03	0.00E+00
South Dakota	Davison	46035	U	Acrylonitrile	6.38E-05	6.38E-05	8.71E-05	1.12E-04	1.03E-04	1.18E-04	1.24E-04	1.24E-04	0.00E+00	1.03E-04	0.00E+00	0.00E+00	0.00E+00
South Dakota	Davison	46035	U	Arsenic Compounds	3.25E-07	3.25E-07	2.48E-06	5.17E-06	5.35E-06	8.22E-06	1.07E-05	1.07E-05	0.00E+00	5.26E-06	8.71E-08	0.00E+00	0.00E+00
South Dakota	Davison	46035	U	Benzene	4.96E-01	4.96E-01	5.21E-01	5.50E-01	5.47E-01	5.72E-01	5.89E-01	5.89E-01	0.00E+00	1.24E-02	3.79E-02	1.62E-02	4.80E-01
South Dakota	Davison	46035	U	Beryllium Compounds	7.74E-08	7.74E-08	6.66E-07	1.41E-06	1.47E-06	2.28E-06	3.00E-06	3.00E-06	0.00E+00	1.47E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Davison	46035	U	1,3-Butadiene	1.11E-03	1.11E-03	4.81E-03	9.15E-03	8.38E-03	1.19E-02	1.41E-02	1.41E-02	0.00E+00	2.33E-03	3.78E-03	2.27E-03	0.00E+00
South Dakota	Davison	46035	U	Cadmium Compounds	1.25E-06	1.25E-06	2.50E-06	3.98E-06	3.90E-06	5.30E-06	6.40E-06	6.40E-06	0.00E+00	3.90E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Davison	46035	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	2.40E-05	0.00E+00	0.00E+00	8.80E-01
South Dakota	Davison	46035	U	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.32E-02	8.32E-02	8.32E-02	8.32E-02	8.32E-02	0.00E+00	1.55E-04	0.00E+00	0.00E+00	8.30E-02
South Dakota	Davison	46035	U	Chromium Compounds	5.24E-06	5.24E-06	2.95E-05	5.85E-05	5.72E-05	8.49E-05	1.07E-04	1.07E-04	0.00E+00	4.77E-05	5.64E-06	3.93E-06	0.00E+00
South Dakota	Davison	46035	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Davison	46035	U	1,3-Dichloropropene	7.39E-04	7.39E-04	5.16E-03	1.05E-02	1.06E-02	1.61E-02	2.07E-02	2.07E-02	0.00E+00	1.06E-02	0.00E+00	0.00E+00	0.00E+00
South Dakota	Davison	46035	U	Diesel Particulate Matter	2.56E-01	2.56E-01	3.25E-01	3.97E-01	3.73E-01	4.21E-01	4.41E-01	4.41E-01	0.00E+00	0.00E+00	5.96E-02	3.13E-01	***
South Dakota	Davison	46035	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	2.71E-07	0.00E+00	0.00E+00	7.70E-03
South Dakota	Davison	46035	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	1.83E-05	0.00E+00	0.00E+00	6.10E-02
South Dakota	Davison	46035	U	Ethylene Oxide	1.78E-05	1.78E-05	1.94E-04	4.31E-04	4.78E-04	7.62E-04	1.03E-03	1.03E-03	0.00E+00	4.78E-04	0.00E+00	0.00E+00	0.00E+00
South Dakota	Davison	46035	U	Formaldehyde	2.71E-01	2.71E-01	2.93E-01	3.19E-01	3.11E-01	3.29E-01	3.34E-01	3.34E-01	0.00E+00	2.10E-02	2.03E-02	1.96E-02	2.50E-01
South Dakota	Davison	46035	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.32E-05	9.33E-05	9.32E-05	9.33E-05	9.33E-05	9.33E-05	0.00E+00	2.46E-07	0.00E+00	0.00E+00	9.30E-05
South Dakota	Davison	46035	U	Hydrazine	7.20E-10	7.20E-10	4.45E-08	9.68E-08	9.87E-08	1.53E-07	2.01E-07	2.01E-07	0.00E+00	9.87E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Davison	46035	U	Lead Compounds	3.55E-05	3.55E-05	1.30E-04	2.70E-04	2.87E-04	4.45E-04	5.74E-04	5.74E-04	0.00E+00	7.92E-05	7.99E-06	2.00E-04	0.00E+00
South Dakota	Davison	46035	U	Manganese Compounds	3.79E-03	3.79E-03	1.95E-02	3.75E-02	4.02E-02	6.10E-02	8.21E-02	8.21E-02	3.74E-02	2.85E-03	2.35E-06	4.82E-06	0.00E+00
South Dakota	Davison	46035	U	Mercury Compounds	1.51E-03	1.51E-03	1.52E-03	1.53E-03	1.53E-03	1.54E-03	1.55E-03	1.55E-03	0.00E+00	3.10E-05	7.63E-08	1.04E-06	1.50E-03
South Dakota	Davison	46035	U	Methylene Chloride	1.51E-01	1.51E-01	1.60E-01	1.71E-01	1.72E-01	1.84E-01	1.94E-01	1.94E-01	0.00E+00	2.22E-02	0.00E+00	0.00E+00	1.50E-01
South Dakota	Davison	46035	U	Nickel Compounds	4.97E-06	4.97E-06	4.78E-05	1.01E-04	1.03E-04	1.58E-04	2.05E-04	2.05E-04	0.00E+00	9.61E-05	4.37E-06	2.27E-06	0.00E+00
South Dakota	Davison	46035	U	Perchloroethylene	1.41E-01	1.41E-01	1.47E-01	1.54E-01	1.54E-01	1.61E-01	1.68E-01	1.68E-01	0.00E+00	1.39E-02	0.00E+00	0.00E+00	1.40E-01
South Dakota	Davison	46035	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
South Dakota	Davison	46035	U	Polycyclic Organic Matter	8.19E-04	8.19E-04	5.14E-03	1.04E-02	1.03E-02	1.55E-02	1.96E-02	1.96E-02	0.00E+00	1.03E-02	3.96E-05	6.51E-06	0.00E+00
South Dakota	Davison	46035	U	7-PAH	5.95E-05	5.95E-05	3.61E-04	7.18E-04	6.93E-04	1.03E-03	1.28E-03	1.28E-03	0.00E+00	6.74E-04	1.76E-05	2.16E-06	0.00E+00
South Dakota	Davison	46035	U	Propylene Dichloride	3.79E-06	3.79E-06	5.99E-06	8.43E-06	7.86E-06	9.72E-06	1.08E-05	1.08E-05	0.00E+00	7.86E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Davison	46035	U	Quinoline	6.29E-09	6.29E-09	1.33E-07	2.85E-07	2.79E-07	4.26E-07	5.40E-07	5.40E-07	0.00E+00	2.79E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Davison	46035	U	1,1,2,2-Tetrachloroethane	3.32E-05	3.32E-05	4.29E-05	5.27E-05	4.81E-05	5.33E-05	5.38E-05	5.38E-05	0.00E+00	4.81E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Davison	46035	U	Trichloroethylene	8.12E-02	8.12E-02	8.31E-02	8.54E-02	8.55E-02	8.80E-02	9.03E-02	9.03E-02	0.00E+00	4.55E-03	0.00E+00	0.00E+00	8.10E-02
South Dakota	Davison	46035	U	Vinyl Chloride	8.21E-05	8.21E-05	1.10E-04	1.38E-04	1.27E-04	1.44E-04	1.48E-04	1.48E-04	0.00E+00	1.27E-04	0.00E+00	0.00E+00	0.00E+00
South Dakota	Day	46037	R	Acetaldehyde	1.36E-02	1.36E-02	1.36E-02	1.71E-02	2.05E-02	3.08E-02	3.08E-02	3.08E-02	0.00E+00	1.87E-03	1.08E-02	7.86E-03	0.00E+00
South Dakota	Day	46037	R	Acrolein	1.82E-03	1.82E-03	1.82E-03	1.93E-03	2.49E-03	3.70E-03	3.70E-03	3.70E-03	0.00E+00	6.01E-04	1.33E-03	5.59E-04	0.00E+00
South Dakota	Day	46037	R	Acrylonitrile	2.30E-06	2.30E-06	2.30E-06	3.21E-06	3.28E-06	4.32E-06	4.32E-06	4.32E-06	0.00E+00	3.28E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Day	46037	R	Arsenic Compounds	1.51E-07	1.51E-07	1.51E-07	1.79E-07	5.69E-07	1.38E-06	1.38E-06	1.38E-06	0.00E+00	5.57E-07	1.24E-08	0.00E+00	0.00E+00
South Dakota	Day	46037	R	Benzene	4.97E-01	4.97E-01	4.97E-01	5.00E-01	5.09E-01	5.30E-01	5.30E-01	5.30E-01	0.00E+00	2.71E-03	1.87E-02	7.67E-03	4.80E-01
South Dakota	Day	46037	R	Beryllium Compounds	4.24E-08	4.24E-08	4.24E-08	4.93E-08	1.51E-07	3.61E-07	3.61E-07	3.61E-07	0.00E+00	1.51E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Day	46037	R	1,3-Butadiene	1.14E-03	1.14E-03	1.14E-03	1.16E-03	2.11E-03	4.01E-03	4.01E-03	4.01E-03	0.00E+00	9.13E-05	1.51E-03	5.01E-04	0.00E+00
South Dakota	Day	46037	R	Cadmium Compounds	2.41E-07	2.41E-07	2.41E-07	2.57E-07	4.77E-07	9.34E-07	9.34E-07	9.34E-07	0.00E+00	4.77E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Day	46037	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	4.23E-06	0.00E+00	0.00E+00	8.80E-01
South Dakota	Day	46037	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	0.00E+00	2.74E-05	0.00E+00	0.00E+00	8.30E-02
South Dakota	Day	46037	R	Chromium Compounds	1.15E-06	1.15E-06	1.15E-06	1.36E-06	2.53E-06	5.07E-06	5.07E-06	5.07E-06	0.00E+00	5.74E-07	8.24E-07	1.13E-06	0.00E+00
South Dakota	Day	46037	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Day	46037	R	1,3-Dichloropropene	4.47E-04	4.47E-04	4.47E-04	4.52E-04	1.21E-03	2.73E-03	2.73E-03	2.73E-03	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00
South Dakota	Day	46037	R	Diesel Particulate Matter	2.62E-01	2.62E-01	2.62E-01	2.69E-01	3.15E-01	4.15E-01	4.15E-01	4.15E-01	0.00E+00	0.00E+00	4.81E-02	2.67E-01	***
South Dakota	Day	46037	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	1.24E-09	0.00E+00	0.00E+00	7.70E-03
South Dakota	Day	46037	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	1.06E-06	0.00E+00	0.00E+00	6.10E-02
South Dakota	Day	46037	R	Ethylene Oxide	4.36E-06	4.36E-06	4.36E-06	8.63E-06	1.97E-05	4.62E-05	4.62E-05	4.62E-05	0.00E+00	1.97E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Day	46037	R	Formaldehyde	2.66E-01	2.66E-01	2.66E-01	2.68E-01	2.74E-01	2.88E-01	2.88E-01	2.88E-01	0.00E+00	3.45E-03	1.15E-02	8.98E-03	2.50E-01
South Dakota	Day	46037	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.33E-05	9.33E-05	9.33E-05	0.00E+00	1.72E-07	0.00E+00	0.00E+00	9.30E-05

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration

Estimated Annual Average Ambient Concentrations (μg/m^3) for South Dakota

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Dakota	Day	46037	R	Hydrazine	2.03E-12	2.03E-12	2.03E-12	7.27E-12	6.72E-12	1.09E-11	1.09E-11	1.09E-11	0.00E+00	6.72E-12	0.00E+00	0.00E+00	0.00E+00
South Dakota	Day	46037	R	Lead Compounds	4.27E-06	4.27E-06	4.27E-06	4.80E-06	1.24E-05	2.82E-05	2.82E-05	2.82E-05	0.00E+00	1.13E-05	1.14E-06	0.00E+00	0.00E+00
South Dakota	Day	46037	R	Manganese Compounds	6.54E-06	6.54E-06	6.54E-06	7.02E-06	1.66E-05	3.61E-05	3.61E-05	3.61E-05	0.00E+00	1.50E-05	3.29E-07	1.21E-06	0.00E+00
South Dakota	Day	46037	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.51E-03	0.00E+00	3.25E-06	1.11E-08	3.26E-07	1.50E-03
South Dakota	Day	46037	R	Methylene Chloride	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.53E-01	1.58E-01	1.58E-01	1.58E-01	0.00E+00	3.08E-03	0.00E+00	0.00E+00	1.50E-01
South Dakota	Day	46037	R	Nickel Compounds	1.81E-06	1.81E-06	1.81E-06	2.91E-06	1.20E-05	3.12E-05	3.12E-05	3.12E-05	0.00E+00	1.08E-05	6.37E-07	5.08E-07	0.00E+00
South Dakota	Day	46037	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.41E-01	1.42E-01	1.42E-01	1.42E-01	0.00E+00	6.60E-04	0.00E+00	0.00E+00	1.40E-01
South Dakota	Day	46037	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
South Dakota	Day	46037	R	Polycyclic Organic Matter	5.28E-04	5.28E-04	5.28E-04	5.40E-04	1.27E-03	2.75E-03	2.75E-03	2.75E-03	0.00E+00	1.26E-03	5.93E-06	3.26E-06	0.00E+00
South Dakota	Day	46037	R	7-PAH	3.94E-05	3.94E-05	3.94E-05	4.45E-05	8.33E-05	1.66E-04	1.66E-04	1.66E-04	0.00E+00	7.90E-05	2.63E-06	1.66E-06	0.00E+00
South Dakota	Day	46037	R	Propylene Dichloride	1.11E-07	1.11E-07	1.11E-07	1.63E-07	1.60E-07	2.06E-07	2.06E-07	2.06E-07	0.00E+00	1.60E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Day	46037	R	Quinoline	4.13E-11	4.13E-11	4.13E-11	1.24E-10	1.52E-10	2.90E-10	2.90E-10	2.90E-10	0.00E+00	1.52E-10	0.00E+00	0.00E+00	0.00E+00
South Dakota	Day	46037	R	1,1,2,2-Tetrachloroethane	7.46E-07	7.46E-07	7.46E-07	1.17E-06	1.10E-06	1.39E-06	1.39E-06	1.39E-06	0.00E+00	1.10E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Day	46037	R	Trichloroethylene	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.14E-02	8.20E-02	8.20E-02	8.20E-02	0.00E+00	3.82E-04	0.00E+00	0.00E+00	8.10E-02
South Dakota	Day	46037	R	Vinyl Chloride	1.85E-06	1.85E-06	1.85E-06	2.90E-06	2.72E-06	3.43E-06	3.43E-06	3.43E-06	0.00E+00	2.72E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Deuel	46039	R	Acetaldehyde	2.22E-02	2.22E-02	2.22E-02	2.69E-02	2.69E-02	3.17E-02	3.17E-02	3.17E-02	0.00E+00	3.83E-03	1.27E-02	1.04E-02	0.00E+00
South Dakota	Deuel	46039	R	Acrolein	4.31E-03	4.31E-03	4.31E-03	4.77E-03	4.77E-03	5.23E-03	5.23E-03	5.23E-03	0.00E+00	2.34E-03	1.53E-03	9.03E-04	0.00E+00
South Dakota	Deuel	46039	R	Acrylonitrile	1.31E-05	1.31E-05	1.31E-05	1.69E-05	1.69E-05	2.07E-05	2.07E-05	2.07E-05	0.00E+00	1.69E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Deuel	46039	R	Arsenic Compounds	7.38E-07	7.38E-07	7.38E-07	1.08E-06	1.08E-06	1.43E-06	1.43E-06	1.43E-06	0.00E+00	1.07E-06	1.66E-08	1.74E-11	0.00E+00
South Dakota	Deuel	46039	R	Benzene	5.11E-01	5.11E-01	5.11E-01	5.33E-01	5.33E-01	5.54E-01	5.54E-01	5.54E-01	0.00E+00	2.62E-02	2.12E-02	5.16E-03	4.80E-01
South Dakota	Deuel	46039	R	Beryllium Compounds	1.42E-07	1.42E-07	1.42E-07	2.37E-07	2.37E-07	3.32E-07	3.32E-07	3.32E-07	0.00E+00	2.37E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Deuel	46039	R	1,3-Butadiene	1.75E-03	1.75E-03	1.75E-03	2.47E-03	2.47E-03	3.20E-03	3.20E-03	3.20E-03	0.00E+00	4.18E-04	1.68E-03	3.72E-04	0.00E+00
South Dakota	Deuel	46039	R	Cadmium Compounds	5.12E-07	5.12E-07	5.12E-07	6.98E-07	6.98E-07	8.83E-07	8.83E-07	8.83E-07	0.00E+00	6.98E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Deuel	46039	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	8.36E-06	0.00E+00	0.00E+00	8.80E-01
South Dakota	Deuel	46039	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	0.00E+00	3.91E-05	0.00E+00	0.00E+00	8.30E-02
South Dakota	Deuel	46039	R	Chromium Compounds	5.59E-06	5.59E-06	5.59E-06	7.46E-06	7.46E-06	9.34E-06	9.34E-06	9.34E-06	0.00E+00	3.88E-06	1.11E-06	2.48E-06	0.00E+00
South Dakota	Deuel	46039	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Deuel	46039	R	1,3-Dichloropropene	1.09E-03	1.09E-03	1.09E-03	1.83E-03	1.83E-03	2.57E-03	2.57E-03	2.57E-03	0.00E+00	1.83E-03	0.00E+00	0.00E+00	0.00E+00
South Dakota	Deuel	46039	R	Diesel Particulate Matter	3.49E-01	3.49E-01	3.49E-01	4.27E-01	4.27E-01	5.04E-01	5.04E-01	5.04E-01	0.00E+00	0.00E+00	6.77E-02	3.59E-01	***
South Dakota	Deuel	46039	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	1.10E-07	0.00E+00	0.00E+00	7.70E-03
South Dakota	Deuel	46039	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	1.66E-05	0.00E+00	0.00E+00	6.10E-02
South Dakota	Deuel	46039	R	Ethylene Oxide	2.79E-05	2.79E-05	2.79E-05	5.46E-05	5.46E-05	8.13E-05	8.13E-05	8.13E-05	0.00E+00	5.46E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Deuel	46039	R	Formaldehyde	2.78E-01	2.78E-01	2.78E-01	2.86E-01	2.86E-01	2.94E-01	2.94E-01	2.94E-01	1.25E-06	8.16E-03	1.33E-02	1.44E-02	2.50E-01
South Dakota	Deuel	46039	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.33E-05	9.33E-05	9.34E-05	9.34E-05	9.34E-05	0.00E+00	2.64E-07	0.00E+00	0.00E+00	9.30E-05
South Dakota	Deuel	46039	R	Hydrazine	1.18E-08	1.18E-08	1.18E-08	4.40E-08	4.40E-08	7.62E-08	7.62E-08	7.62E-08	0.00E+00	4.40E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Deuel	46039	R	Lead Compounds	2.84E-05	2.84E-05	2.84E-05	2.86E-05	2.86E-05	2.88E-05	2.88E-05	2.88E-05	0.00E+00	6.96E-06	1.54E-06	2.01E-05	0.00E+00
South Dakota	Deuel	46039	R	Manganese Compounds	2.73E-05	2.73E-05	2.73E-05	3.70E-05	3.70E-05	4.67E-05	4.67E-05	4.67E-05	0.00E+00	3.40E-05	4.38E-07	2.58E-06	0.00E+00
South Dakota	Deuel	46039	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.51E-03	0.00E+00	4.20E-06	1.51E-08	7.18E-07	1.50E-03
South Dakota	Deuel	46039	R	Methylene Chloride	1.53E-01	1.53E-01	1.53E-01	1.56E-01	1.56E-01	1.59E-01	1.59E-01	1.59E-01	0.00E+00	5.86E-03	0.00E+00	0.00E+00	1.50E-01
South Dakota	Deuel	46039	R	Nickel Compounds	8.70E-06	8.70E-06	8.70E-06	1.57E-05	1.57E-05	2.27E-05	2.27E-05	2.27E-05	0.00E+00	1.38E-05	8.55E-07	1.07E-06	0.00E+00
South Dakota	Deuel	46039	R	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.42E-01	1.42E-01	1.42E-01	0.00E+00	1.29E-03	0.00E+00	0.00E+00	1.40E-01
South Dakota	Deuel	46039	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
South Dakota	Deuel	46039	R	Polycyclic Organic Matter	2.41E-03	2.41E-03	2.41E-03	3.96E-03	3.96E-03	5.52E-03	5.52E-03	5.52E-03	0.00E+00	3.95E-03	8.05E-06	2.03E-06	0.00E+00
South Dakota	Deuel	46039	R	7-PAH	1.11E-04	1.11E-04	1.11E-04	1.45E-04	1.45E-04	1.80E-04	1.80E-04	1.80E-04	0.00E+00	1.41E-04	3.58E-06	8.59E-07	0.00E+00
South Dakota	Deuel	46039	R	Propylene Dichloride	1.01E-06	1.01E-06	1.01E-06	1.78E-06	1.78E-06	2.55E-06	2.55E-06	2.55E-06	0.00E+00	1.78E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Deuel	46039	R	Quinoline	4.63E-08	4.63E-08	4.63E-08	1.31E-07	1.31E-07	2.15E-07	2.15E-07	2.15E-07	0.00E+00	1.31E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Deuel	46039	R	1,1,2,2-Tetrachloroethane	5.27E-06	5.27E-06	5.27E-06	5.45E-06	5.45E-06	5.62E-06	5.62E-06	5.62E-06	0.00E+00	5.45E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Deuel	46039	R	Trichloroethylene	8.36E-02	8.36E-02	8.36E-02	8.40E-02	8.40E-02	8.45E-02	8.45E-02	8.45E-02	2.45E-03	5.76E-04	0.00E+00	0.00E+00	8.10E-02
South Dakota	Deuel	46039	R	Vinyl Chloride	1.49E-05	1.49E-05	1.49E-05	1.77E-05	1.77E-05	2.05E-05	2.05E-05	2.05E-05	0.00E+00	1.77E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Dewey	46041	R	Acetaldehyde	7.57E-03	7.57E-03	7.57E-03	7.57E-03	7.57E-03	7.57E-03	7.57E-03	7.57E-03	0.00E+00	4.37E-04	3.45E-03	3.68E-03	0.00E+00
South Dakota	Dewey	46041	R	Acrolein	7.46E-04	7.46E-04	7.46E-04	7.46E-04	7.46E-04	7.46E-04	7.46E-04	7.46E-04	0.00E+00	4.58E-05	4.31E-04	2.70E-04	0.00E+00
South Dakota	Dewey	46041	R	Acrylonitrile	3.71E-07	3.71E-07	3.71E-07	3.71E-07	3.71E-07	3.71E-07	3.71E-07	3.71E-07	0.00E+00	3.71E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Dewey	46041	R	Arsenic Compounds	7.77E-08	7.77E-08	7.77E-08	7.77E-08	7.77E-08	7.77E-08	7.77E-08	7.77E-08	0.00E+00	7.44E-08	3.32E-09	0.00E+00	0.00E+00
South Dakota	Dewey	46041	R	Benzene	4.90E-01	4.90E-01	4.90E-01	4.90E-01	4.90E-01	4.90E-01	4.90E-01	4.90E-01	0.00E+00	1.44E-04	4.88E-03	5.36E-03	4.80E-01
South Dakota	Dewey	46041	R	Beryllium Compounds	2.32E-08	2.32E-08	2.32E-08	2.32E-08	2.32E-08	2.32E-08	2.32E-08	2.32E-08	0.00E+00	2.32E-08	0.00E+00	0.00E+00	0.00E+00

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration

Estimated Annual Average Ambient Concentrations (μg/m^3) for South Dakota

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Dakota	Dewey	46041	R	1,3-Butadiene	6.09E-04	6.09E-04	6.09E-04	6.09E-04	6.09E-04	6.09E-04	6.09E-04	6.09E-04	0.00E+00	1.06E-05	3.19E-04	2.79E-04	0.00E+00
South Dakota	Dewey	46041	R	Cadmium Compounds	5.55E-08	5.55E-08	5.55E-08	5.55E-08	5.55E-08	5.55E-08	5.55E-08	5.55E-08	0.00E+00	5.55E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Dewey	46041	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.21E-06	0.00E+00	0.00E+00	8.80E-01
South Dakota	Dewey	46041	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	0.00E+00	7.66E-06	0.00E+00	0.00E+00	8.30E-02
South Dakota	Dewey	46041	R	Chromium Compounds	5.29E-07	5.29E-07	5.29E-07	5.29E-07	5.29E-07	5.29E-07	5.29E-07	5.29E-07	0.00E+00	9.01E-08	2.12E-07	2.27E-07	0.00E+00
South Dakota	Dewey	46041	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Dewey	46041	R	1,3-Dichloropropene	2.24E-04	2.24E-04	2.24E-04	2.24E-04	2.24E-04	2.24E-04	2.24E-04	2.24E-04	0.00E+00	2.24E-04	0.00E+00	0.00E+00	0.00E+00
South Dakota	Dewey	46041	R	Diesel Particulate Matter	9.38E-02	9.38E-02	9.38E-02	9.38E-02	9.38E-02	9.38E-02	9.38E-02	9.38E-02	0.00E+00	0.00E+00	1.46E-02	7.91E-02	***
South Dakota	Dewey	46041	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.70E-03
South Dakota	Dewey	46041	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	3.47E-08	0.00E+00	0.00E+00	6.10E-02
South Dakota	Dewey	46041	R	Ethylene Oxide	2.50E-06	2.50E-06	2.50E-06	2.50E-06	2.50E-06	2.50E-06	2.50E-06	2.50E-06	0.00E+00	2.50E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Dewey	46041	R	Formaldehyde	2.57E-01	2.57E-01	2.57E-01	2.57E-01	2.57E-01	2.57E-01	2.57E-01	2.57E-01	0.00E+00	6.43E-04	3.37E-03	3.22E-03	2.50E-01
South Dakota	Dewey	46041	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	3.58E-08	0.00E+00	0.00E+00	9.30E-05
South Dakota	Dewey	46041	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Dewey	46041	R	Lead Compounds	8.01E-07	8.01E-07	8.01E-07	8.01E-07	8.01E-07	8.01E-07	8.01E-07	8.01E-07	0.00E+00	5.08E-07	2.93E-07	0.00E+00	0.00E+00
South Dakota	Dewey	46041	R	Manganese Compounds	3.57E-06	3.57E-06	3.57E-06	3.57E-06	3.57E-06	3.57E-06	3.57E-06	3.57E-06	0.00E+00	3.23E-06	8.45E-08	2.53E-07	0.00E+00
South Dakota	Dewey	46041	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	0.00E+00	3.10E-07	2.86E-09	6.49E-08	1.50E-03
South Dakota	Dewey	46041	R	Methylene Chloride	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	0.00E+00	4.00E-04	0.00E+00	0.00E+00	1.50E-01
South Dakota	Dewey	46041	R	Nickel Compounds	7.84E-07	7.84E-07	7.84E-07	7.84E-07	7.84E-07	7.84E-07	7.84E-07	7.84E-07	0.00E+00	5.11E-07	1.65E-07	1.08E-07	0.00E+00
South Dakota	Dewey	46041	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	0.00E+00	9.09E-05	0.00E+00	0.00E+00	1.40E-01
South Dakota	Dewey	46041	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
South Dakota	Dewey	46041	R	Polycyclic Organic Matter	2.34E-04	2.34E-04	2.34E-04	2.34E-04	2.34E-04	2.34E-04	2.34E-04	2.34E-04	0.00E+00	2.30E-04	1.54E-06	2.55E-06	0.00E+00
South Dakota	Dewey	46041	R	7-PAH	1.67E-05	1.67E-05	1.67E-05	1.67E-05	1.67E-05	1.67E-05	1.67E-05	1.67E-05	0.00E+00	1.47E-05	6.82E-07	1.32E-06	0.00E+00
South Dakota	Dewey	46041	R	Propylene Dichloride	1.11E-08	1.11E-08	1.11E-08	1.11E-08	1.11E-08	1.11E-08	1.11E-08	1.11E-08	0.00E+00	1.11E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Dewey	46041	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Dewey	46041	R	1,1,2,2-Tetrachloroethane	1.68E-09	1.68E-09	1.68E-09	1.68E-09	1.68E-09	1.68E-09	1.68E-09	1.68E-09	0.00E+00	1.68E-09	0.00E+00	0.00E+00	0.00E+00
South Dakota	Dewey	46041	R	Trichloroethylene	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	0.00E+00	4.72E-05	0.00E+00	0.00E+00	8.10E-02
South Dakota	Dewey	46041	R	Vinyl Chloride	6.45E-09	6.45E-09	6.45E-09	6.45E-09	6.45E-09	6.45E-09	6.45E-09	6.45E-09	0.00E+00	6.45E-09	0.00E+00	0.00E+00	0.00E+00
South Dakota	Douglas	46043	R	Acetaldehyde	1.49E-02	1.49E-02	1.49E-02	1.49E-02	1.49E-02	1.49E-02	1.49E-02	1.49E-02	0.00E+00	9.88E-04	9.22E-03	4.65E-03	0.00E+00
South Dakota	Douglas	46043	R	Acrolein	1.59E-03	1.59E-03	1.59E-03	1.59E-03	1.59E-03	1.59E-03	1.59E-03	1.59E-03	0.00E+00	1.48E-04	1.14E-03	2.96E-04	0.00E+00
South Dakota	Douglas	46043	R	Acrylonitrile	3.11E-06	3.11E-06	3.11E-06	3.11E-06	3.11E-06	3.11E-06	3.11E-06	3.11E-06	0.00E+00	3.11E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Douglas	46043	R	Arsenic Compounds	2.46E-07	2.46E-07	2.46E-07	2.46E-07	2.46E-07	2.46E-07	2.46E-07	2.46E-07	0.00E+00	2.36E-07	9.42E-09	0.00E+00	0.00E+00
South Dakota	Douglas	46043	R	Benzene	5.00E-01	5.00E-01	5.00E-01	5.00E-01	5.00E-01	5.00E-01	5.00E-01	5.00E-01	0.00E+00	3.61E-03	1.38E-02	2.61E-03	4.80E-01
South Dakota	Douglas	46043	R	Beryllium Compounds	6.66E-08	6.66E-08	6.66E-08	6.66E-08	6.66E-08	6.66E-08	6.66E-08	6.66E-08	0.00E+00	6.66E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Douglas	46043	R	1,3-Butadiene	1.19E-03	1.19E-03	1.19E-03	1.19E-03	1.19E-03	1.19E-03	1.19E-03	1.19E-03	0.00E+00	1.19E-05	9.81E-04	2.00E-04	0.00E+00
South Dakota	Douglas	46043	R	Cadmium Compounds	5.83E-07	5.83E-07	5.83E-07	5.83E-07	5.83E-07	5.83E-07	5.83E-07	5.83E-07	0.00E+00	5.83E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Douglas	46043	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	3.63E-06	0.00E+00	0.00E+00	8.80E-01
South Dakota	Douglas	46043	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	0.00E+00	2.10E-05	0.00E+00	0.00E+00	8.30E-02
South Dakota	Douglas	46043	R	Chromium Compounds	1.71E-06	1.71E-06	1.71E-06	1.71E-06	1.71E-06	1.71E-06	1.71E-06	1.71E-06	0.00E+00	4.50E-07	6.05E-07	6.53E-07	0.00E+00
South Dakota	Douglas	46043	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Douglas	46043	R	1,3-Dichloropropene	6.16E-04	6.16E-04	6.16E-04	6.16E-04	6.16E-04	6.16E-04	6.16E-04	6.16E-04	0.00E+00	6.16E-04	0.00E+00	0.00E+00	0.00E+00
South Dakota	Douglas	46043	R	Diesel Particulate Matter	2.42E-01	2.42E-01	2.42E-01	2.42E-01	2.42E-01	2.42E-01	2.42E-01	2.42E-01	0.00E+00	0.00E+00	4.31E-02	1.99E-01	***
South Dakota	Douglas	46043	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	1.94E-09	0.00E+00	0.00E+00	7.70E-03
South Dakota	Douglas	46043	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	1.85E-06	0.00E+00	0.00E+00	6.10E-02
South Dakota	Douglas	46043	R	Ethylene Oxide	1.53E-05	1.53E-05	1.53E-05	1.53E-05	1.53E-05	1.53E-05	1.53E-05	1.53E-05	0.00E+00	1.53E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Douglas	46043	R	Formaldehyde	2.67E-01	2.67E-01	2.67E-01	2.67E-01	2.67E-01	2.67E-01	2.67E-01	2.67E-01	0.00E+00	1.48E-03	9.23E-03	5.90E-03	2.50E-01
South Dakota	Douglas	46043	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	1.10E-07	0.00E+00	0.00E+00	9.30E-05
South Dakota	Douglas	46043	R	Hydrazine	3.57E-11	3.57E-11	3.57E-11	3.57E-11	3.57E-11	3.57E-11	3.57E-11	3.57E-11	0.00E+00	3.57E-11	0.00E+00	0.00E+00	0.00E+00
South Dakota	Douglas	46043	R	Lead Compounds	1.10E-05	1.10E-05	1.10E-05	1.10E-05	1.10E-05	1.10E-05	1.10E-05	1.10E-05	0.00E+00	1.02E-05	8.33E-07	0.00E+00	0.00E+00
South Dakota	Douglas	46043	R	Manganese Compounds	1.90E-05	1.90E-05	1.90E-05	1.90E-05	1.90E-05	1.90E-05	1.90E-05	1.90E-05	0.00E+00	1.81E-05	2.40E-07	7.27E-07	0.00E+00
South Dakota	Douglas	46043	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	0.00E+00	5.79E-06	8.15E-09	1.87E-07	1.50E-03
South Dakota	Douglas	46043	R	Methylene Chloride	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	0.00E+00	1.07E-03	0.00E+00	0.00E+00	1.50E-01
South Dakota	Douglas	46043	R	Nickel Compounds	2.99E-06	2.99E-06	2.99E-06	2.99E-06	2.99E-06	2.99E-06	2.99E-06	2.99E-06	0.00E+00	2.21E-06	4.71E-07	3.08E-07	0.00E+00
South Dakota	Douglas	46043	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	0.00E+00	3.18E-04	0.00E+00	0.00E+00	1.40E-01
South Dakota	Douglas	46043	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration

Estimated Annual Average Ambient Concentrations (µg/m³) for South Dakota																		
					Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
State	County	FIPS	Urban or Rural	Pollutant	5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Dakota	Douglas	46043	R	Polycyclic Organic Matter	8.53E-04	8.53E-04	8.53E-04	8.53E-04	8.53E-04	8.53E-04	8.53E-04	8.53E-04	0.00E+00	8.48E-04	4.39E-06	8.44E-07	0.00E+00
South Dakota	Douglas	46043	R	7-PAH	4.29E-05	4.29E-05	4.29E-05	4.29E-05	4.29E-05	4.29E-05	4.29E-05	4.29E-05	0.00E+00	4.05E-05	1.95E-06	4.19E-07	0.00E+00
South Dakota	Douglas	46043	R	Propylene Dichloride	1.61E-07	1.61E-07	1.61E-07	1.61E-07	1.61E-07	1.61E-07	1.61E-07	1.61E-07	0.00E+00	1.61E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Douglas	46043	R	Quinoline	8.90E-10	8.90E-10	8.90E-10	8.90E-10	8.90E-10	8.90E-10	8.90E-10	8.90E-10	0.00E+00	8.90E-10	0.00E+00	0.00E+00	0.00E+00
South Dakota	Douglas	46043	R	1,1,2,2-Tetrachloroethane	1.09E-06	1.09E-06	1.09E-06	1.09E-06	1.09E-06	1.09E-06	1.09E-06	1.09E-06	0.00E+00	1.09E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Douglas	46043	R	Trichloroethylene	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	0.00E+00	1.24E-04	0.00E+00	0.00E+00	8.10E-02
South Dakota	Douglas	46043	R	Vinyl Chloride	2.73E-06	2.73E-06	2.73E-06	2.73E-06	2.73E-06	2.73E-06	2.73E-06	2.73E-06	0.00E+00	2.73E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Edmunds	46045	R	Acetaldehyde	8.96E-03	8.96E-03	8.96E-03	9.68E-03	9.68E-03	1.04E-02	1.04E-02	1.04E-02	0.00E+00	1.27E-03	4.89E-03	3.53E-03	0.00E+00
South Dakota	Edmunds	46045	R	Acrolein	1.38E-03	1.38E-03	1.38E-03	1.55E-03	1.55E-03	1.71E-03	1.71E-03	1.71E-03	0.00E+00	6.90E-04	6.03E-04	2.52E-04	0.00E+00
South Dakota	Edmunds	46045	R	Acrylonitrile	2.53E-06	2.53E-06	2.53E-06	3.22E-06	3.22E-06	3.91E-06	3.91E-06	3.91E-06	0.00E+00	3.22E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Edmunds	46045	R	Arsenic Compounds	9.26E-08	9.26E-08	9.26E-08	1.29E-07	1.29E-07	1.65E-07	1.65E-07	1.65E-07	0.00E+00	1.24E-07	4.89E-09	0.00E+00	0.00E+00
South Dakota	Edmunds	46045	R	Benzene	4.90E-01	4.90E-01	4.90E-01	4.90E-01	4.90E-01	4.91E-01	4.91E-01	4.91E-01	0.00E+00	1.45E-03	6.82E-03	1.90E-03	4.80E-01
South Dakota	Edmunds	46045	R	Beryllium Compounds	2.71E-08	2.71E-08	2.71E-08	3.85E-08	3.85E-08	4.99E-08	4.99E-08	4.99E-08	0.00E+00	3.85E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Edmunds	46045	R	1,3-Butadiene	7.80E-04	7.80E-04	7.80E-04	8.11E-04	8.11E-04	8.43E-04	8.43E-04	8.43E-04	0.00E+00	2.35E-04	4.45E-04	1.32E-04	0.00E+00
South Dakota	Edmunds	46045	R	Cadmium Compounds	1.44E-07	1.44E-07	1.44E-07	1.50E-07	1.50E-07	1.56E-07	1.56E-07	1.56E-07	0.00E+00	1.50E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Edmunds	46045	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.77E-06	0.00E+00	0.00E+00	8.80E-01
South Dakota	Edmunds	46045	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	0.00E+00	1.11E-05	0.00E+00	0.00E+00	8.30E-02
South Dakota	Edmunds	46045	R	Chromium Compounds	7.06E-07	7.06E-07	7.06E-07	7.95E-07	7.95E-07	8.85E-07	8.85E-07	8.85E-07	0.00E+00	1.56E-07	3.20E-07	3.19E-07	0.00E+00
South Dakota	Edmunds	46045	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Edmunds	46045	R	1,3-Dichloropropene	2.63E-04	2.63E-04	2.63E-04	3.71E-04	3.71E-04	4.79E-04	4.79E-04	4.79E-04	0.00E+00	3.71E-04	0.00E+00	0.00E+00	0.00E+00
South Dakota	Edmunds	46045	R	Diesel Particulate Matter	1.86E-01	1.86E-01	1.86E-01	1.91E-01	1.91E-01	1.96E-01	1.96E-01	1.96E-01	0.00E+00	0.00E+00	2.37E-02	1.68E-01	***
South Dakota	Edmunds	46045	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	1.88E-09	0.00E+00	0.00E+00	7.70E-03
South Dakota	Edmunds	46045	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	4.06E-07	0.00E+00	0.00E+00	6.10E-02
South Dakota	Edmunds	46045	R	Ethylene Oxide	1.46E-05	1.46E-05	1.46E-05	1.67E-05	1.67E-05	1.88E-05	1.88E-05	1.88E-05	0.00E+00	1.67E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Edmunds	46045	R	Formaldehyde	2.62E-01	2.62E-01	2.62E-01	2.63E-01	2.63E-01	2.65E-01	2.65E-01	2.65E-01	0.00E+00	4.00E-03	4.74E-03	4.57E-03	2.50E-01
South Dakota	Edmunds	46045	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	1.41E-07	0.00E+00	0.00E+00	9.30E-05
South Dakota	Edmunds	46045	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	2.01E-11	2.01E-11	4.02E-11	4.02E-11	4.02E-11	0.00E+00	2.01E-11	0.00E+00	0.00E+00	0.00E+00
South Dakota	Edmunds	46045	R	Lead Compounds	3.72E-06	3.72E-06	3.72E-06	2.25E-05	2.25E-05	4.12E-05	4.12E-05	4.12E-05	0.00E+00	3.07E-06	4.41E-07	1.89E-05	0.00E+00
South Dakota	Edmunds	46045	R	Manganese Compounds	5.07E-06	5.07E-06	5.07E-06	6.86E-06	6.86E-06	8.65E-06	8.65E-06	8.65E-06	0.00E+00	6.38E-06	1.26E-07	3.59E-07	0.00E+00
South Dakota	Edmunds	46045	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	0.00E+00	1.23E-06	4.32E-09	9.14E-08	1.50E-03
South Dakota	Edmunds	46045	R	Methylene Chloride	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	0.00E+00	6.62E-04	0.00E+00	0.00E+00	1.50E-01
South Dakota	Edmunds	46045	R	Nickel Compounds	9.61E-07	9.61E-07	9.61E-07	1.38E-06	1.38E-06	1.79E-06	1.79E-06	1.79E-06	0.00E+00	9.76E-07	2.48E-07	1.51E-07	0.00E+00
South Dakota	Edmunds	46045	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	0.00E+00	2.52E-04	0.00E+00	0.00E+00	1.40E-01
South Dakota	Edmunds	46045	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
South Dakota	Edmunds	46045	R	Polycyclic Organic Matter	3.66E-04	3.66E-04	3.66E-04	4.88E-04	4.88E-04	6.10E-04	6.10E-04	6.10E-04	0.00E+00	4.84E-04	2.33E-06	8.38E-07	0.00E+00
South Dakota	Edmunds	46045	R	7-PAH	3.60E-05	3.60E-05	3.60E-05	4.32E-05	4.32E-05	5.04E-05	5.04E-05	5.04E-05	0.00E+00	4.19E-05	1.04E-06	3.15E-07	0.00E+00
South Dakota	Edmunds	46045	R	Propylene Dichloride	1.43E-07	1.43E-07	1.43E-07	1.82E-07	1.82E-07	2.20E-07	2.20E-07	2.20E-07	0.00E+00	1.82E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Edmunds	46045	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	4.29E-10	4.29E-10	8.58E-10	8.58E-10	8.58E-10	0.00E+00	4.29E-10	0.00E+00	0.00E+00	0.00E+00
South Dakota	Edmunds	46045	R	1,1,2,2-Tetrachloroethane	1.09E-06	1.09E-06	1.09E-06	1.48E-06	1.48E-06	1.87E-06	1.87E-06	1.87E-06	0.00E+00	1.48E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Edmunds	46045	R	Trichloroethylene	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	0.00E+00	7.86E-05	0.00E+00	0.00E+00	8.10E-02
South Dakota	Edmunds	46045	R	Vinyl Chloride	2.71E-06	2.71E-06	2.71E-06	3.66E-06	3.66E-06	4.61E-06	4.61E-06	4.61E-06	0.00E+00	3.66E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Fall River	46047	U	Acetaldehyde	1.12E-02	1.12E-02	1.12E-02	4.37E-02	4.37E-02	7.61E-02	7.61E-02	7.61E-02	0.00E+00	3.39E-02	7.47E-03	2.32E-03	0.00E+00
South Dakota	Fall River	46047	U	Acrolein	2.85E-03	2.85E-03	2.85E-03	1.52E-02	1.52E-02	2.75E-02	2.75E-02	2.75E-02	0.00E+00	1.40E-02	9.26E-04	2.41E-04	0.00E+00
South Dakota	Fall River	46047	U	Acrylonitrile	2.23E-06	2.23E-06	2.23E-06	5.75E-06	5.75E-06	9.27E-06	9.27E-06	9.27E-06	0.00E+00	5.75E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Fall River	46047	U	Arsenic Compounds	9.58E-08	9.58E-08	9.58E-08	8.83E-07	8.83E-07	1.67E-06	1.67E-06	1.67E-06	0.00E+00	8.67E-07	1.56E-08	0.00E+00	0.00E+00
South Dakota	Fall River	46047	U	Benzene	4.89E-01	4.89E-01	4.89E-01	5.27E-01	5.27E-01	5.64E-01	5.64E-01	5.64E-01	0.00E+00	2.96E-02	1.36E-02	3.45E-03	4.80E-01
South Dakota	Fall River	46047	U	Beryllium Compounds	2.42E-08	2.42E-08	2.42E-08	2.66E-07	2.66E-07	5.08E-07	5.08E-07	5.08E-07	0.00E+00	2.66E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Fall River	46047	U	1,3-Butadiene	5.43E-04	5.43E-04	5.43E-04	7.67E-03	7.67E-03	1.48E-02	1.48E-02	1.48E-02	0.00E+00	6.15E-03	1.15E-03	3.76E-04	0.00E+00
South Dakota	Fall River	46047	U	Cadmium Compounds	4.11E-07	4.11E-07	4.11E-07	8.25E-07	8.25E-07	1.24E-06	1.24E-06	1.24E-06	0.00E+00	8.25E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Fall River	46047	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	3.29E-06	0.00E+00	0.00E+00	8.80E-01
South Dakota	Fall River	46047	U	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	0.00E+00	2.88E-05	0.00E+00	0.00E+00	8.30E-02
South Dakota	Fall River	46047	U	Chromium Compounds	8.50E-07	8.50E-07	8.50E-07	2.74E-06	2.74E-06	4.62E-06	4.62E-06	4.62E-06	0.00E+00	9.94E-07	1.07E-06	6.72E-07	0.00E+00
South Dakota	Fall River	46047	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Fall River	46047	U	1,3-Dichloropropene	2.20E-04	2.20E-04	2.20E-04	2.35E-03	2.35E-03	4.48E-03	4.48E-03	4.48E-03	0.00E+00	2.35E-03	0.00E+00	0.00E+00	0.00E+00
South Dakota	Fall River	46047	U	Diesel Particulate Matter	5.91E-02	5.91E-02	5.91E-02	7.76E-02	7.76E-02	9.60E-02	9.60E-02	9.60E-02	0.00E+00	0.00E+00	2.30E-02	5.45E-02	***

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration

Estimated Annual Average Ambient Concentrations (µg/m^3) for South Dakota

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Dakota	Fall River	46047	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	2.67E-09	0.00E+00	0.00E+00	7.70E-03
South Dakota	Fall River	46047	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	1.51E-06	0.00E+00	0.00E+00	6.10E-02
South Dakota	Fall River	46047	U	Ethylene Oxide	2.12E-05	2.12E-05	2.12E-05	2.55E-04	2.55E-04	4.89E-04	4.89E-04	4.89E-04	0.00E+00	2.55E-04	0.00E+00	0.00E+00	0.00E+00
South Dakota	Fall River	46047	U	Formaldehyde	2.67E-01	2.67E-01	2.67E-01	3.35E-01	3.35E-01	4.02E-01	4.02E-01	4.02E-01	0.00E+00	7.36E-02	7.84E-03	3.11E-03	2.50E-01
South Dakota	Fall River	46047	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	6.53E-08	0.00E+00	0.00E+00	9.30E-05
South Dakota	Fall River	46047	U	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Fall River	46047	U	Lead Compounds	6.23E-06	6.23E-06	6.23E-06	1.78E-05	1.78E-05	2.94E-05	2.94E-05	2.94E-05	0.00E+00	1.63E-05	1.51E-06	0.00E+00	0.00E+00
South Dakota	Fall River	46047	U	Manganese Compounds	3.15E-06	3.15E-06	3.15E-06	2.78E-05	2.78E-05	5.25E-05	5.25E-05	5.25E-05	0.00E+00	2.66E-05	4.36E-07	8.52E-07	0.00E+00
South Dakota	Fall River	46047	U	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	0.00E+00	5.78E-06	1.44E-08	1.77E-07	1.50E-03
South Dakota	Fall River	46047	U	Methylene Chloride	1.50E-01	1.50E-01	1.50E-01	1.54E-01	1.54E-01	1.58E-01	1.58E-01	1.58E-01	0.00E+00	4.27E-03	0.00E+00	0.00E+00	1.50E-01
South Dakota	Fall River	46047	U	Nickel Compounds	1.05E-06	1.05E-06	1.05E-06	8.58E-06	8.58E-06	1.61E-05	1.61E-05	1.61E-05	0.00E+00	7.36E-06	8.20E-07	3.99E-07	0.00E+00
South Dakota	Fall River	46047	U	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.43E-01	1.43E-01	1.46E-01	1.46E-01	1.46E-01	0.00E+00	3.02E-03	0.00E+00	0.00E+00	1.40E-01
South Dakota	Fall River	46047	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
South Dakota	Fall River	46047	U	Polycyclic Organic Matter	5.28E-04	5.28E-04	5.28E-04	4.31E-03	4.31E-03	8.09E-03	8.09E-03	8.09E-03	0.00E+00	4.30E-03	7.55E-06	9.94E-07	0.00E+00
South Dakota	Fall River	46047	U	7-PAH	6.95E-05	6.95E-05	6.95E-05	5.23E-04	5.23E-04	9.77E-04	9.77E-04	9.77E-04	0.00E+00	5.20E-04	3.35E-06	5.01E-07	0.00E+00
South Dakota	Fall River	46047	U	Propylene Dichloride	1.14E-07	1.14E-07	1.14E-07	3.18E-07	3.18E-07	5.22E-07	5.22E-07	5.22E-07	0.00E+00	3.18E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Fall River	46047	U	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Fall River	46047	U	1,1,2,2-Tetrachloroethane	8.57E-07	8.57E-07	8.57E-07	2.65E-06	2.65E-06	4.44E-06	4.44E-06	4.44E-06	0.00E+00	2.65E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Fall River	46047	U	Trichloroethylene	8.11E-02	8.11E-02	8.11E-02	8.16E-02	8.16E-02	8.22E-02	8.22E-02	8.22E-02	0.00E+00	6.08E-04	0.00E+00	0.00E+00	8.10E-02
South Dakota	Fall River	46047	U	Vinyl Chloride	2.11E-06	2.11E-06	2.11E-06	6.53E-06	6.53E-06	1.09E-05	1.09E-05	1.09E-05	0.00E+00	6.53E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Faulk	46049	R	Acetaldehyde	6.86E-03	6.86E-03	6.86E-03	6.86E-03	6.86E-03	6.86E-03	6.86E-03	6.86E-03	0.00E+00	8.03E-04	3.35E-03	2.71E-03	0.00E+00
South Dakota	Faulk	46049	R	Acrolein	9.75E-04	9.75E-04	9.75E-04	9.75E-04	9.75E-04	9.75E-04	9.75E-04	9.75E-04	0.00E+00	4.36E-04	4.15E-04	1.23E-04	0.00E+00
South Dakota	Faulk	46049	R	Acrylonitrile	3.60E-07	3.60E-07	3.60E-07	3.60E-07	3.60E-07	3.60E-07	3.60E-07	3.60E-07	0.00E+00	3.60E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Faulk	46049	R	Arsenic Compounds	6.65E-08	6.65E-08	6.65E-08	6.65E-08	6.65E-08	6.65E-08	6.65E-08	6.65E-08	0.00E+00	6.35E-08	2.98E-09	0.00E+00	0.00E+00
South Dakota	Faulk	46049	R	Benzene	4.87E-01	4.87E-01	4.87E-01	4.87E-01	4.87E-01	4.87E-01	4.87E-01	4.87E-01	0.00E+00	8.23E-04	4.82E-03	1.39E-03	4.80E-01
South Dakota	Faulk	46049	R	Beryllium Compounds	1.89E-08	1.89E-08	1.89E-08	1.89E-08	1.89E-08	1.89E-08	1.89E-08	1.89E-08	0.00E+00	1.89E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Faulk	46049	R	1,3-Butadiene	5.84E-04	5.84E-04	5.84E-04	5.84E-04	5.84E-04	5.84E-04	5.84E-04	5.84E-04	0.00E+00	1.48E-04	3.25E-04	1.11E-04	0.00E+00
South Dakota	Faulk	46049	R	Cadmium Compounds	1.14E-07	1.14E-07	1.14E-07	1.14E-07	1.14E-07	1.14E-07	1.14E-07	1.14E-07	0.00E+00	1.14E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Faulk	46049	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.14E-06	0.00E+00	0.00E+00	8.80E-01
South Dakota	Faulk	46049	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	0.00E+00	7.08E-06	0.00E+00	0.00E+00	8.30E-02
South Dakota	Faulk	46049	R	Chromium Compounds	4.85E-07	4.85E-07	4.85E-07	4.85E-07	4.85E-07	4.85E-07	4.85E-07	4.85E-07	0.00E+00	8.74E-08	1.96E-07	2.02E-07	0.00E+00
South Dakota	Faulk	46049	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Faulk	46049	R	1,3-Dichloropropene	2.03E-04	2.03E-04	2.03E-04	2.03E-04	2.03E-04	2.03E-04	2.03E-04	2.03E-04	0.00E+00	2.03E-04	0.00E+00	0.00E+00	0.00E+00
South Dakota	Faulk	46049	R	Diesel Particulate Matter	1.98E-01	1.98E-01	1.98E-01	1.98E-01	1.98E-01	1.98E-01	1.98E-01	1.98E-01	0.00E+00	0.00E+00	2.34E-02	1.74E-01	***
South Dakota	Faulk	46049	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	5.34E-12	0.00E+00	0.00E+00	7.70E-03
South Dakota	Faulk	46049	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	1.14E-08	0.00E+00	0.00E+00	6.10E-02
South Dakota	Faulk	46049	R	Ethylene Oxide	5.35E-06	5.35E-06	5.35E-06	5.35E-06	5.35E-06	5.35E-06	5.35E-06	5.35E-06	0.00E+00	5.35E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Faulk	46049	R	Formaldehyde	2.59E-01	2.59E-01	2.59E-01	2.59E-01	2.59E-01	2.59E-01	2.59E-01	2.59E-01	0.00E+00	2.35E-03	3.27E-03	3.20E-03	2.50E-01
South Dakota	Faulk	46049	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	1.08E-07	0.00E+00	0.00E+00	9.30E-05
South Dakota	Faulk	46049	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Faulk	46049	R	Lead Compounds	1.69E-06	1.69E-06	1.69E-06	1.69E-06	1.69E-06	1.69E-06	1.69E-06	1.69E-06	0.00E+00	1.42E-06	2.69E-07	0.00E+00	0.00E+00
South Dakota	Faulk	46049	R	Manganese Compounds	3.85E-06	3.85E-06	3.85E-06	3.85E-06	3.85E-06	3.85E-06	3.85E-06	3.85E-06	0.00E+00	3.55E-06	7.72E-08	2.26E-07	0.00E+00
South Dakota	Faulk	46049	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	0.00E+00	1.07E-06	2.61E-09	5.79E-08	1.50E-03
South Dakota	Faulk	46049	R	Methylene Chloride	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	0.00E+00	3.11E-04	0.00E+00	0.00E+00	1.50E-01
South Dakota	Faulk	46049	R	Nickel Compounds	5.03E-07	5.03E-07	5.03E-07	5.03E-07	5.03E-07	5.03E-07	5.03E-07	5.03E-07	0.00E+00	2.56E-07	1.52E-07	9.55E-08	0.00E+00
South Dakota	Faulk	46049	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	0.00E+00	5.49E-05	0.00E+00	0.00E+00	1.40E-01
South Dakota	Faulk	46049	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
South Dakota	Faulk	46049	R	Polycyclic Organic Matter	2.64E-04	2.64E-04	2.64E-04	2.64E-04	2.64E-04	2.64E-04	2.64E-04	2.64E-04	0.00E+00	2.63E-04	1.42E-06	4.50E-07	0.00E+00
South Dakota	Faulk	46049	R	7-PAH	2.55E-05	2.55E-05	2.55E-05	2.55E-05	2.55E-05	2.55E-05	2.55E-05	2.55E-05	0.00E+00	2.47E-05	6.30E-07	2.28E-07	0.00E+00
South Dakota	Faulk	46049	R	Propylene Dichloride	1.10E-08	1.10E-08	1.10E-08	1.10E-08	1.10E-08	1.10E-08	1.10E-08	1.10E-08	0.00E+00	1.10E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Faulk	46049	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Faulk	46049	R	1,1,2,2-Tetrachloroethane	6.88E-09	6.88E-09	6.88E-09	6.88E-09	6.88E-09	6.88E-09	6.88E-09	6.88E-09	0.00E+00	6.88E-09	0.00E+00	0.00E+00	0.00E+00
South Dakota	Faulk	46049	R	Trichloroethylene	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	0.00E+00	1.99E-05	0.00E+00	0.00E+00	8.10E-02
South Dakota	Faulk	46049	R	Vinyl Chloride	1.91E-08	1.91E-08	1.91E-08	1.91E-08	1.91E-08	1.91E-08	1.91E-08	1.91E-08	0.00E+00	1.91E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Grant	46051	R	Acetaldehyde	1.78E-02	1.78E-02	1.78E-02	2.16E-02	2.16E-02	2.54E-02	2.54E-02	2.54E-02	8.96E-07	2.42E-03	1.21E-02	7.10E-03	0.00E+00

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration

Estimated Annual Average Ambient Concentrations (μg/m^3) for South Dakota

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Dakota	Grant	46051	R	Acrolein	3.07E-03	3.07E-03	3.07E-03	3.98E-03	3.98E-03	4.90E-03	4.90E-03	4.90E-03	4.56E-07	2.03E-03	1.44E-03	5.11E-04	0.00E+00
South Dakota	Grant	46051	R	Acrylonitrile	3.61E-06	3.61E-06	3.61E-06	3.96E-06	3.96E-06	4.31E-06	4.31E-06	4.31E-06	0.00E+00	3.96E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Grant	46051	R	Arsenic Compounds	9.37E-07	9.37E-07	9.37E-07	1.22E-06	1.22E-06	1.50E-06	1.50E-06	1.50E-06	6.86E-07	5.16E-07	1.77E-08	7.99E-11	0.00E+00
South Dakota	Grant	46051	R	Benzene	4.99E-01	4.99E-01	4.99E-01	5.06E-01	5.06E-01	5.12E-01	5.12E-01	5.12E-01	2.33E-06	4.13E-03	1.71E-02	4.35E-03	4.80E-01
South Dakota	Grant	46051	R	Beryllium Compounds	1.01E-07	1.01E-07	1.01E-07	1.79E-07	1.79E-07	2.56E-07	2.56E-07	2.56E-07	3.55E-08	1.43E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Grant	46051	R	1,3-Butadiene	1.38E-03	1.38E-03	1.38E-03	2.18E-03	2.18E-03	2.98E-03	2.98E-03	2.98E-03	0.00E+00	6.67E-04	1.19E-03	3.30E-04	0.00E+00
South Dakota	Grant	46051	R	Cadmium Compounds	5.25E-07	5.25E-07	5.25E-07	6.89E-07	6.89E-07	8.53E-07	8.53E-07	8.53E-07	8.66E-08	6.02E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Grant	46051	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	6.35E-06	0.00E+00	0.00E+00	8.80E-01
South Dakota	Grant	46051	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	0.00E+00	2.98E-05	0.00E+00	0.00E+00	8.30E-02
South Dakota	Grant	46051	R	Chromium Compounds	4.39E-06	4.39E-06	4.39E-06	5.93E-06	5.93E-06	7.47E-06	7.47E-06	7.47E-06	4.39E-07	3.17E-06	1.14E-06	1.17E-06	0.00E+00
South Dakota	Grant	46051	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Grant	46051	R	1,3-Dichloropropene	6.21E-04	6.21E-04	6.21E-04	1.23E-03	1.23E-03	1.83E-03	1.83E-03	1.83E-03	0.00E+00	1.23E-03	0.00E+00	0.00E+00	0.00E+00
South Dakota	Grant	46051	R	Diesel Particulate Matter	3.18E-01	3.18E-01	3.18E-01	3.45E-01	3.45E-01	3.72E-01	3.72E-01	3.72E-01	0.00E+00	0.00E+00	6.55E-02	2.80E-01	***
South Dakota	Grant	46051	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	2.10E-09	0.00E+00	0.00E+00	7.70E-03
South Dakota	Grant	46051	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	7.18E-08	3.06E-06	0.00E+00	0.00E+00	6.10E-02
South Dakota	Grant	46051	R	Ethylene Oxide	1.35E-05	1.35E-05	1.35E-05	3.22E-05	3.22E-05	5.09E-05	5.09E-05	5.09E-05	0.00E+00	3.22E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Grant	46051	R	Formaldehyde	2.72E-01	2.72E-01	2.72E-01	2.78E-01	2.78E-01	2.83E-01	2.83E-01	2.83E-01	4.57E-07	6.80E-03	1.15E-02	9.19E-03	2.50E-01
South Dakota	Grant	46051	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	1.09E-07	0.00E+00	0.00E+00	9.30E-05
South Dakota	Grant	46051	R	Hydrazine	6.70E-11	6.70E-11	6.70E-11	8.64E-11	8.64E-11	1.06E-10	1.06E-10	1.06E-10	0.00E+00	8.64E-11	0.00E+00	0.00E+00	0.00E+00
South Dakota	Grant	46051	R	Lead Compounds	1.38E-05	1.38E-05	1.38E-05	1.44E-05	1.44E-05	1.50E-05	1.50E-05	1.50E-05	7.12E-07	9.03E-06	1.58E-06	3.05E-06	0.00E+00
South Dakota	Grant	46051	R	Manganese Compounds	8.72E-06	8.72E-06	8.72E-06	1.45E-05	1.45E-05	2.03E-05	2.03E-05	2.03E-05	8.25E-07	1.19E-05	4.56E-07	1.31E-06	0.00E+00
South Dakota	Grant	46051	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	5.51E-07	4.39E-06	1.53E-08	3.35E-07	1.50E-03
South Dakota	Grant	46051	R	Methylene Chloride	1.51E-01	1.51E-01	1.51E-01	1.52E-01	1.52E-01	1.54E-01	1.54E-01	1.54E-01	5.05E-07	2.36E-03	0.00E+00	0.00E+00	1.50E-01
South Dakota	Grant	46051	R	Nickel Compounds	5.14E-06	5.14E-06	5.14E-06	1.22E-05	1.22E-05	1.92E-05	1.92E-05	1.92E-05	4.68E-07	1.03E-05	8.89E-07	5.60E-07	0.00E+00
South Dakota	Grant	46051	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	7.50E-08	6.60E-04	0.00E+00	0.00E+00	1.40E-01
South Dakota	Grant	46051	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
South Dakota	Grant	46051	R	Polycyclic Organic Matter	1.35E-03	1.35E-03	1.35E-03	2.27E-03	2.27E-03	3.19E-03	3.19E-03	3.19E-03	3.32E-08	2.26E-03	8.25E-06	1.49E-06	0.00E+00
South Dakota	Grant	46051	R	7-PAH	7.70E-05	7.70E-05	7.70E-05	1.23E-04	1.23E-04	1.69E-04	1.69E-04	1.69E-04	6.76E-10	1.19E-04	3.67E-06	7.23E-07	0.00E+00
South Dakota	Grant	46051	R	Propylene Dichloride	7.72E-08	7.72E-08	7.72E-08	1.07E-07	1.07E-07	1.36E-07	1.36E-07	1.36E-07	0.00E+00	1.07E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Grant	46051	R	Quinoline	7.70E-10	7.70E-10	7.70E-10	1.38E-09	1.38E-09	1.99E-09	1.99E-09	1.99E-09	0.00E+00	1.38E-09	0.00E+00	0.00E+00	0.00E+00
South Dakota	Grant	46051	R	1,1,2,2-Tetrachloroethane	8.06E-07	8.06E-07	8.06E-07	8.31E-07	8.31E-07	8.56E-07	8.56E-07	8.56E-07	0.00E+00	8.31E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Grant	46051	R	Trichloroethylene	8.15E-02	8.15E-02	8.15E-02	8.18E-02	8.18E-02	8.20E-02	8.20E-02	8.20E-02	4.71E-04	3.15E-04	0.00E+00	0.00E+00	8.10E-02
South Dakota	Grant	46051	R	Vinyl Chloride	5.11E-06	5.11E-06	5.11E-06	5.64E-06	5.64E-06	6.17E-06	6.17E-06	6.17E-06	0.00E+00	5.64E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Gregory	46053	R	Acetaldehyde	9.26E-03	9.26E-03	9.26E-03	1.22E-02	1.22E-02	1.52E-02	1.52E-02	1.52E-02	0.00E+00	2.75E-03	5.68E-03	3.79E-03	0.00E+00
South Dakota	Gregory	46053	R	Acrolein	2.37E-03	2.37E-03	2.37E-03	2.40E-03	2.40E-03	2.43E-03	2.43E-03	2.43E-03	0.00E+00	1.42E-03	7.09E-04	2.67E-04	0.00E+00
South Dakota	Gregory	46053	R	Acrylonitrile	2.30E-06	2.30E-06	2.30E-06	2.65E-06	2.65E-06	3.01E-06	3.01E-06	3.01E-06	0.00E+00	2.65E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Gregory	46053	R	Arsenic Compounds	9.73E-08	9.73E-08	9.73E-08	1.49E-07	1.49E-07	2.00E-07	2.00E-07	2.00E-07	0.00E+00	1.42E-07	7.17E-09	3.99E-11	0.00E+00
South Dakota	Gregory	46053	R	Benzene	4.94E-01	4.94E-01	4.94E-01	4.96E-01	4.96E-01	4.99E-01	4.99E-01	4.99E-01	0.00E+00	3.24E-03	9.24E-03	3.87E-03	4.80E-01
South Dakota	Gregory	46053	R	Beryllium Compounds	2.73E-08	2.73E-08	2.73E-08	4.27E-08	4.27E-08	5.80E-08	5.80E-08	5.80E-08	0.00E+00	4.27E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Gregory	46053	R	1,3-Butadiene	1.48E-03	1.48E-03	1.48E-03	1.55E-03	1.55E-03	1.62E-03	1.62E-03	1.62E-03	0.00E+00	5.56E-04	7.19E-04	2.74E-04	0.00E+00
South Dakota	Gregory	46053	R	Cadmium Compounds	1.42E-07	1.42E-07	1.42E-07	2.22E-07	2.22E-07	3.01E-07	3.01E-07	3.01E-07	0.00E+00	2.22E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Gregory	46053	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	2.54E-06	0.00E+00	0.00E+00	8.80E-01
South Dakota	Gregory	46053	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	0.00E+00	1.51E-05	0.00E+00	0.00E+00	8.30E-02
South Dakota	Gregory	46053	R	Chromium Compounds	7.06E-07	7.06E-07	7.06E-07	1.10E-06	1.10E-06	1.49E-06	1.49E-06	1.49E-06	0.00E+00	1.82E-07	4.40E-07	4.76E-07	0.00E+00
South Dakota	Gregory	46053	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Gregory	46053	R	1,3-Dichloropropene	2.90E-04	2.90E-04	2.90E-04	4.30E-04	4.30E-04	5.69E-04	5.69E-04	5.69E-04	0.00E+00	4.30E-04	0.00E+00	0.00E+00	0.00E+00
South Dakota	Gregory	46053	R	Diesel Particulate Matter	1.74E-01	1.74E-01	1.74E-01	1.82E-01	1.82E-01	1.89E-01	1.89E-01	1.89E-01	0.00E+00	0.00E+00	3.08E-02	1.51E-01	***
South Dakota	Gregory	46053	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	1.05E-09	0.00E+00	0.00E+00	7.70E-03
South Dakota	Gregory	46053	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	4.71E-07	0.00E+00	0.00E+00	6.10E-02
South Dakota	Gregory	46053	R	Ethylene Oxide	7.96E-06	7.96E-06	7.96E-06	1.49E-05	1.49E-05	2.19E-05	2.19E-05	2.19E-05	0.00E+00	1.49E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Gregory	46053	R	Formaldehyde	2.66E-01	2.66E-01	2.66E-01	2.68E-01	2.68E-01	2.71E-01	2.71E-01	2.71E-01	0.00E+00	7.82E-03	5.98E-03	4.32E-03	2.50E-01
South Dakota	Gregory	46053	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	8.46E-08	0.00E+00	0.00E+00	9.30E-05
South Dakota	Gregory	46053	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Gregory	46053	R	Lead Compounds	2.94E-06	2.94E-06	2.94E-06	4.82E-06	4.82E-06	6.69E-06	6.69E-06	6.69E-06	0.00E+00	4.21E-06	6.09E-07	0.00E+00	0.00E+00
South Dakota	Gregory	46053	R	Manganese Compounds	5.40E-06	5.40E-06	5.40E-06	7.18E-06	7.18E-06	8.96E-06	8.96E-06	8.96E-06	0.00E+00	6.47E-06	1.78E-07	5.36E-07	0.00E+00

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration

Estimated Annual Average Ambient Concentrations (µg/m^3) for South Dakota																		
					Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
State	County	FIPS	Urban or Rural	Pollutant	5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Dakota	Gregory	46053	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	0.00E+00	1.95E-06	5.98E-09	1.34E-07	1.50E-03
South Dakota	Gregory	46053	R	Methylene Chloride	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	0.00E+00	7.67E-04	0.00E+00	0.00E+00	1.50E-01
South Dakota	Gregory	46053	R	Nickel Compounds	1.17E-06	1.17E-06	1.17E-06	1.74E-06	1.74E-06	2.31E-06	2.31E-06	2.31E-06	0.00E+00	1.16E-06	3.44E-07	2.33E-07	0.00E+00
South Dakota	Gregory	46053	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	0.00E+00	2.64E-04	0.00E+00	0.00E+00	1.40E-01
South Dakota	Gregory	46053	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
South Dakota	Gregory	46053	R	Polycyclic Organic Matter	5.17E-04	5.17E-04	5.17E-04	6.36E-04	6.36E-04	7.54E-04	7.54E-04	7.54E-04	0.00E+00	6.31E-04	3.16E-06	1.57E-06	0.00E+00
South Dakota	Gregory	46053	R	7-PAH	6.28E-05	6.28E-05	6.28E-05	6.58E-05	6.58E-05	6.88E-05	6.88E-05	6.88E-05	0.00E+00	6.36E-05	1.40E-06	8.03E-07	0.00E+00
South Dakota	Gregory	46053	R	Propylene Dichloride	1.24E-07	1.24E-07	1.24E-07	1.37E-07	1.37E-07	1.50E-07	1.50E-07	1.50E-07	0.00E+00	1.37E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Gregory	46053	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Gregory	46053	R	1,1,2,2-Tetrachloroethane	1.00E-06	1.00E-06	1.00E-06	1.04E-06	1.04E-06	1.08E-06	1.08E-06	1.08E-06	0.00E+00	1.04E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Gregory	46053	R	Trichloroethylene	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	0.00E+00	8.89E-05	0.00E+00	0.00E+00	8.10E-02
South Dakota	Gregory	46053	R	Vinyl Chloride	2.47E-06	2.47E-06	2.47E-06	2.57E-06	2.57E-06	2.68E-06	2.68E-06	2.68E-06	0.00E+00	2.57E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Haakon	46055	R	Acetaldehyde	3.45E-03	3.45E-03	3.45E-03	3.45E-03	3.45E-03	3.45E-03	3.45E-03	3.45E-03	0.00E+00	4.43E-04	1.73E-03	1.28E-03	0.00E+00
South Dakota	Haakon	46055	R	Acrolein	5.99E-04	5.99E-04	5.99E-04	5.99E-04	5.99E-04	5.99E-04	5.99E-04	5.99E-04	0.00E+00	3.13E-04	2.15E-04	7.04E-05	0.00E+00
South Dakota	Haakon	46055	R	Acrylonitrile	1.03E-06	1.03E-06	1.03E-06	1.03E-06	1.03E-06	1.03E-06	1.03E-06	1.03E-06	0.00E+00	1.03E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Haakon	46055	R	Arsenic Compounds	4.53E-08	4.53E-08	4.53E-08	4.53E-08	4.53E-08	4.53E-08	4.53E-08	4.53E-08	0.00E+00	4.37E-08	1.60E-09	0.00E+00	0.00E+00
South Dakota	Haakon	46055	R	Benzene	4.84E-01	4.84E-01	4.84E-01	4.84E-01	4.84E-01	4.84E-01	4.84E-01	4.84E-01	0.00E+00	8.21E-04	2.49E-03	9.39E-04	4.80E-01
South Dakota	Haakon	46055	R	Beryllium Compounds	1.21E-08	1.21E-08	1.21E-08	1.21E-08	1.21E-08	1.21E-08	1.21E-08	1.21E-08	0.00E+00	1.21E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Haakon	46055	R	1,3-Butadiene	3.48E-04	3.48E-04	3.48E-04	3.48E-04	3.48E-04	3.48E-04	3.48E-04	3.48E-04	0.00E+00	1.17E-04	1.67E-04	6.34E-05	0.00E+00
South Dakota	Haakon	46055	R	Cadmium Compounds	4.48E-08	4.48E-08	4.48E-08	4.48E-08	4.48E-08	4.48E-08	4.48E-08	4.48E-08	0.00E+00	4.48E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Haakon	46055	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	5.90E-07	0.00E+00	0.00E+00	8.80E-01
South Dakota	Haakon	46055	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	0.00E+00	3.74E-06	0.00E+00	0.00E+00	8.30E-02
South Dakota	Haakon	46055	R	Chromium Compounds	2.64E-07	2.64E-07	2.64E-07	2.64E-07	2.64E-07	2.64E-07	2.64E-07	2.64E-07	0.00E+00	5.07E-08	1.03E-07	1.11E-07	0.00E+00
South Dakota	Haakon	46055	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Haakon	46055	R	1,3-Dichloropropene	1.11E-04	1.11E-04	1.11E-04	1.11E-04	1.11E-04	1.11E-04	1.11E-04	1.11E-04	0.00E+00	1.11E-04	0.00E+00	0.00E+00	0.00E+00
South Dakota	Haakon	46055	R	Diesel Particulate Matter	7.57E-02	7.57E-02	7.57E-02	7.57E-02	7.57E-02	7.57E-02	7.57E-02	7.57E-02	0.00E+00	0.00E+00	1.34E-02	6.23E-02	***
South Dakota	Haakon	46055	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	4.73E-10	0.00E+00	0.00E+00	7.70E-03
South Dakota	Haakon	46055	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	2.06E-07	0.00E+00	0.00E+00	6.10E-02
South Dakota	Haakon	46055	R	Ethylene Oxide	2.56E-06	2.56E-06	2.56E-06	2.56E-06	2.56E-06	2.56E-06	2.56E-06	2.56E-06	0.00E+00	2.56E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Haakon	46055	R	Formaldehyde	2.55E-01	2.55E-01	2.55E-01	2.55E-01	2.55E-01	2.55E-01	2.55E-01	2.55E-01	0.00E+00	1.54E-03	1.68E-03	1.42E-03	2.50E-01
South Dakota	Haakon	46055	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	4.49E-08	0.00E+00	0.00E+00	9.30E-05
South Dakota	Haakon	46055	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Haakon	46055	R	Lead Compounds	1.45E-06	1.45E-06	1.45E-06	1.45E-06	1.45E-06	1.45E-06	1.45E-06	1.45E-06	0.00E+00	1.31E-06	1.42E-07	0.00E+00	0.00E+00
South Dakota	Haakon	46055	R	Manganese Compounds	2.13E-06	2.13E-06	2.13E-06	2.13E-06	2.13E-06	2.13E-06	2.13E-06	2.13E-06	0.00E+00	1.96E-06	4.10E-08	1.24E-07	0.00E+00
South Dakota	Haakon	46055	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	0.00E+00	3.31E-07	1.38E-09	3.17E-08	1.50E-03
South Dakota	Haakon	46055	R	Methylene Chloride	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	0.00E+00	1.88E-04	0.00E+00	0.00E+00	1.50E-01
South Dakota	Haakon	46055	R	Nickel Compounds	7.16E-07	7.16E-07	7.16E-07	7.16E-07	7.16E-07	7.16E-07	7.16E-07	7.16E-07	0.00E+00	5.83E-07	7.98E-08	5.28E-08	0.00E+00
South Dakota	Haakon	46055	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	0.00E+00	4.08E-05	0.00E+00	0.00E+00	1.40E-01
South Dakota	Haakon	46055	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
South Dakota	Haakon	46055	R	Polycyclic Organic Matter	1.66E-04	1.66E-04	1.66E-04	1.66E-04	1.66E-04	1.66E-04	1.66E-04	1.66E-04	0.00E+00	1.65E-04	7.42E-07	3.70E-07	0.00E+00
South Dakota	Haakon	46055	R	7-PAH	1.62E-05	1.62E-05	1.62E-05	1.62E-05	1.62E-05	1.62E-05	1.62E-05	1.62E-05	0.00E+00	1.57E-05	3.29E-07	1.89E-07	0.00E+00
South Dakota	Haakon	46055	R	Propylene Dichloride	5.66E-08	5.66E-08	5.66E-08	5.66E-08	5.66E-08	5.66E-08	5.66E-08	5.66E-08	0.00E+00	5.66E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Haakon	46055	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Haakon	46055	R	1,1,2,2-Tetrachloroethane	4.70E-07	4.70E-07	4.70E-07	4.70E-07	4.70E-07	4.70E-07	4.70E-07	4.70E-07	0.00E+00	4.70E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Haakon	46055	R	Trichloroethylene	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	0.00E+00	2.15E-05	0.00E+00	0.00E+00	8.10E-02
South Dakota	Haakon	46055	R	Vinyl Chloride	1.16E-06	1.16E-06	1.16E-06	1.16E-06	1.16E-06	1.16E-06	1.16E-06	1.16E-06	0.00E+00	1.16E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Hamlin	46057	R	Acetaldehyde	1.95E-02	1.95E-02	1.95E-02	2.12E-02	2.12E-02	2.28E-02	2.28E-02	2.28E-02	0.00E+00	2.15E-03	1.19E-02	7.11E-03	0.00E+00
South Dakota	Hamlin	46057	R	Acrolein	2.64E-03	2.64E-03	2.64E-03	2.87E-03	2.87E-03	3.11E-03	3.11E-03	3.11E-03	0.00E+00	7.88E-04	1.45E-03	6.32E-04	0.00E+00
South Dakota	Hamlin	46057	R	Acrylonitrile	1.30E-05	1.30E-05	1.30E-05	1.79E-05	1.79E-05	2.27E-05	2.27E-05	2.27E-05	0.00E+00	1.79E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Hamlin	46057	R	Arsenic Compounds	2.86E-07	2.86E-07	2.86E-07	4.10E-07	4.10E-07	5.35E-07	5.35E-07	5.35E-07	0.00E+00	3.95E-07	1.58E-08	0.00E+00	0.00E+00
South Dakota	Hamlin	46057	R	Benzene	5.06E-01	5.06E-01	5.06E-01	5.08E-01	5.08E-01	5.10E-01	5.10E-01	5.10E-01	0.00E+00	5.33E-03	1.67E-02	6.09E-03	4.80E-01
South Dakota	Hamlin	46057	R	Beryllium Compounds	7.90E-08	7.90E-08	7.90E-08	1.14E-07	1.14E-07	1.50E-07	1.50E-07	1.50E-07	0.00E+00	1.14E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Hamlin	46057	R	1,3-Butadiene	1.63E-03	1.63E-03	1.63E-03	1.68E-03	1.68E-03	1.73E-03	1.73E-03	1.73E-03	0.00E+00	1.29E-04	1.13E-03	4.21E-04	0.00E+00
South Dakota	Hamlin	46057	R	Cadmium Compounds	4.14E-07	4.14E-07	4.14E-07	4.90E-07	4.90E-07	5.67E-07	5.67E-07	5.67E-07	0.00E+00	4.90E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Hamlin	46057	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	6.32E-06	0.00E+00	0.00E+00	8.80E-01

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration

Estimated Annual Average Ambient Concentrations (µg/m^3) for South Dakota																		
					Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
State	County	FIPS	Urban or Rural	Pollutant	5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Dakota	Hamlin	46057	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	0.00E+00	3.78E-05	0.00E+00	0.00E+00	8.30E-02
South Dakota	Hamlin	46057	R	Chromium Compounds	3.34E-06	3.34E-06	3.34E-06	4.24E-06	4.24E-06	5.14E-06	5.14E-06	5.14E-06	0.00E+00	2.10E-06	1.04E-06	1.10E-06	0.00E+00
South Dakota	Hamlin	46057	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Hamlin	46057	R	1,3-Dichloropropene	8.12E-04	8.12E-04	8.12E-04	1.09E-03	1.09E-03	1.37E-03	1.37E-03	1.37E-03	0.00E+00	1.09E-03	0.00E+00	0.00E+00	0.00E+00
South Dakota	Hamlin	46057	R	Diesel Particulate Matter	2.86E-01	2.86E-01	2.86E-01	3.04E-01	3.04E-01	3.23E-01	3.23E-01	3.23E-01	0.00E+00	0.00E+00	5.65E-02	2.48E-01	***
South Dakota	Hamlin	46057	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	1.01E-08	0.00E+00	0.00E+00	7.70E-03
South Dakota	Hamlin	46057	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	3.83E-06	0.00E+00	0.00E+00	6.10E-02
South Dakota	Hamlin	46057	R	Ethylene Oxide	4.88E-06	4.88E-06	4.88E-06	8.88E-06	8.88E-06	1.29E-05	1.29E-05	1.29E-05	0.00E+00	8.88E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Hamlin	46057	R	Formaldehyde	2.74E-01	2.74E-01	2.74E-01	2.76E-01	2.76E-01	2.78E-01	2.78E-01	2.78E-01	3.65E-06	4.84E-03	1.15E-02	9.21E-03	2.50E-01
South Dakota	Hamlin	46057	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	1.16E-07	0.00E+00	0.00E+00	9.30E-05
South Dakota	Hamlin	46057	R	Hydrazine	3.53E-11	3.53E-11	3.53E-11	7.87E-11	7.87E-11	1.22E-10	1.22E-10	1.22E-10	0.00E+00	7.87E-11	0.00E+00	0.00E+00	0.00E+00
South Dakota	Hamlin	46057	R	Lead Compounds	2.44E-05	2.44E-05	2.44E-05	3.71E-05	3.71E-05	4.98E-05	4.98E-05	4.98E-05	0.00E+00	5.85E-06	1.42E-06	2.98E-05	0.00E+00
South Dakota	Hamlin	46057	R	Manganese Compounds	1.43E-05	1.43E-05	1.43E-05	3.32E-05	3.32E-05	5.21E-05	5.21E-05	5.21E-05	0.00E+00	3.16E-05	4.04E-07	1.22E-06	0.00E+00
South Dakota	Hamlin	46057	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	0.00E+00	4.14E-06	1.40E-08	3.19E-07	1.50E-03
South Dakota	Hamlin	46057	R	Methylene Chloride	1.52E-01	1.52E-01	1.52E-01	1.53E-01	1.53E-01	1.53E-01	1.53E-01	1.53E-01	0.00E+00	2.65E-03	0.00E+00	0.00E+00	1.50E-01
South Dakota	Hamlin	46057	R	Nickel Compounds	3.48E-06	3.48E-06	3.48E-06	5.65E-06	5.65E-06	7.83E-06	7.83E-06	7.83E-06	0.00E+00	4.35E-06	8.06E-07	5.02E-07	0.00E+00
South Dakota	Hamlin	46057	R	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	0.00E+00	9.69E-04	0.00E+00	0.00E+00	1.40E-01
South Dakota	Hamlin	46057	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
South Dakota	Hamlin	46057	R	Polycyclic Organic Matter	1.09E-03	1.09E-03	1.09E-03	1.44E-03	1.44E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	1.43E-03	7.64E-06	2.66E-06	0.00E+00
South Dakota	Hamlin	46057	R	7-PAH	7.06E-05	7.06E-05	7.06E-05	8.96E-05	8.96E-05	1.09E-04	1.09E-04	1.09E-04	0.00E+00	8.51E-05	3.39E-06	1.17E-06	0.00E+00
South Dakota	Hamlin	46057	R	Propylene Dichloride	7.41E-07	7.41E-07	7.41E-07	1.03E-06	1.03E-06	1.32E-06	1.32E-06	1.32E-06	0.00E+00	1.03E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Hamlin	46057	R	Quinoline	8.23E-10	8.23E-10	8.23E-10	1.35E-09	1.35E-09	1.87E-09	1.87E-09	1.87E-09	0.00E+00	1.35E-09	0.00E+00	0.00E+00	0.00E+00
South Dakota	Hamlin	46057	R	1,1,2,2-Tetrachloroethane	6.24E-06	6.24E-06	6.24E-06	8.82E-06	8.82E-06	1.14E-05	1.14E-05	1.14E-05	0.00E+00	8.82E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Hamlin	46057	R	Trichloroethylene	8.37E-02	8.37E-02	8.37E-02	8.40E-02	8.40E-02	8.44E-02	8.44E-02	8.44E-02	2.82E-03	2.11E-04	0.00E+00	0.00E+00	8.10E-02
South Dakota	Hamlin	46057	R	Vinyl Chloride	1.54E-05	1.54E-05	1.54E-05	2.18E-05	2.18E-05	2.81E-05	2.81E-05	2.81E-05	0.00E+00	2.18E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Hand	46059	R	Acetaldehyde	1.63E-02	1.63E-02	1.63E-02	1.63E-02	1.63E-02	1.64E-02	1.64E-02	1.64E-02	0.00E+00	1.83E-03	6.50E-03	8.01E-03	0.00E+00
South Dakota	Hand	46059	R	Acrolein	1.90E-03	1.90E-03	1.90E-03	1.90E-03	1.90E-03	1.91E-03	1.91E-03	1.91E-03	0.00E+00	6.25E-04	8.04E-04	4.75E-04	0.00E+00
South Dakota	Hand	46059	R	Acrylonitrile	3.22E-06	3.22E-06	3.22E-06	3.28E-06	3.28E-06	3.34E-06	3.34E-06	3.34E-06	0.00E+00	3.28E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Hand	46059	R	Arsenic Compounds	6.18E-07	6.18E-07	6.18E-07	6.19E-07	6.19E-07	6.19E-07	6.19E-07	6.19E-07	0.00E+00	6.09E-07	1.02E-08	0.00E+00	0.00E+00
South Dakota	Hand	46059	R	Benzene	5.17E-01	5.17E-01	5.17E-01	5.17E-01	5.17E-01	5.17E-01	5.17E-01	5.17E-01	0.00E+00	1.85E-02	1.57E-02	2.33E-03	4.80E-01
South Dakota	Hand	46059	R	Beryllium Compounds	1.92E-07	1.92E-07	1.92E-07	1.92E-07	1.92E-07	1.92E-07	1.92E-07	1.92E-07	0.00E+00	1.92E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Hand	46059	R	1,3-Butadiene	2.12E-03	2.12E-03	2.12E-03	2.12E-03	2.12E-03	2.12E-03	2.12E-03	2.12E-03	0.00E+00	3.60E-04	1.54E-03	2.14E-04	0.00E+00
South Dakota	Hand	46059	R	Cadmium Compounds	3.75E-07	3.75E-07	3.75E-07	3.76E-07	3.76E-07	3.78E-07	3.78E-07	3.78E-07	0.00E+00	3.76E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Hand	46059	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.92E-06	0.00E+00	0.00E+00	8.80E-01
South Dakota	Hand	46059	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	0.00E+00	2.06E-05	0.00E+00	0.00E+00	8.30E-02
South Dakota	Hand	46059	R	Chromium Compounds	2.97E-06	2.97E-06	2.97E-06	2.98E-06	2.98E-06	2.99E-06	2.99E-06	2.99E-06	0.00E+00	6.70E-07	6.90E-07	1.62E-06	0.00E+00
South Dakota	Hand	46059	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Hand	46059	R	1,3-Dichloropropene	1.75E-03	1.75E-03	1.75E-03	1.75E-03	1.75E-03	1.75E-03	1.75E-03	1.75E-03	0.00E+00	1.75E-03	0.00E+00	0.00E+00	0.00E+00
South Dakota	Hand	46059	R	Diesel Particulate Matter	3.47E-01	3.47E-01	3.47E-01	3.48E-01	3.48E-01	3.48E-01	3.48E-01	3.48E-01	0.00E+00	0.00E+00	2.87E-02	3.19E-01	***
South Dakota	Hand	46059	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	1.51E-09	0.00E+00	0.00E+00	7.70E-03
South Dakota	Hand	46059	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	8.33E-06	0.00E+00	0.00E+00	6.10E-02
South Dakota	Hand	46059	R	Ethylene Oxide	3.15E-05	3.15E-05	3.15E-05	3.16E-05	3.16E-05	3.16E-05	3.16E-05	3.16E-05	0.00E+00	3.16E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Hand	46059	R	Formaldehyde	2.72E-01	2.72E-01	2.72E-01	2.72E-01	2.72E-01	2.72E-01	2.72E-01	2.72E-01	0.00E+00	4.56E-03	8.25E-03	9.46E-03	2.50E-01
South Dakota	Hand	46059	R	Hexachlorobenzene	9.34E-05	9.34E-05	9.34E-05	9.34E-05	9.34E-05	9.34E-05	9.34E-05	9.34E-05	0.00E+00	4.41E-07	0.00E+00	0.00E+00	9.30E-05
South Dakota	Hand	46059	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Hand	46059	R	Lead Compounds	1.70E-05	1.70E-05	1.70E-05	1.70E-05	1.70E-05	1.71E-05	1.71E-05	1.71E-05	0.00E+00	1.61E-05	9.79E-07	0.00E+00	0.00E+00
South Dakota	Hand	46059	R	Manganese Compounds	3.13E-05	3.13E-05	3.13E-05	3.13E-05	3.13E-05	3.13E-05	3.13E-05	3.13E-05	0.00E+00	2.93E-05	2.82E-07	1.66E-06	0.00E+00
South Dakota	Hand	46059	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	0.00E+00	1.74E-06	9.45E-09	4.69E-07	1.50E-03
South Dakota	Hand	46059	R	Methylene Chloride	1.53E-01	1.53E-01	1.53E-01	1.53E-01	1.53E-01	1.53E-01	1.53E-01	1.53E-01	0.00E+00	3.36E-03	0.00E+00	0.00E+00	1.50E-01
South Dakota	Hand	46059	R	Nickel Compounds	6.77E-06	6.77E-06	6.77E-06	6.77E-06	6.77E-06	6.78E-06	6.78E-06	6.78E-06	0.00E+00	5.55E-06	5.27E-07	7.00E-07	0.00E+00
South Dakota	Hand	46059	R	Perchloroethylene	1.43E-01	1.43E-01	1.43E-01	1.43E-01	1.43E-01	1.43E-01	1.43E-01	1.43E-01	0.00E+00	3.49E-03	0.00E+00	0.00E+00	1.40E-01
South Dakota	Hand	46059	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
South Dakota	Hand	46059	R	Polycyclic Organic Matter	2.76E-03	2.76E-03	2.76E-03	2.77E-03	2.77E-03	2.77E-03	2.77E-03	2.77E-03	0.00E+00	2.76E-03	4.86E-06	7.20E-07	0.00E+00
South Dakota	Hand	46059	R	7-PAH	1.16E-04	1.16E-04	1.16E-04	1.16E-04	1.16E-04	1.16E-04	1.16E-04	1.16E-04	0.00E+00	1.14E-04	2.16E-06	3.24E-07	0.00E+00
South Dakota	Hand	46059	R	Propylene Dichloride	1.77E-07	1.77E-07	1.77E-07	1.81E-07	1.81E-07	1.84E-07	1.84E-07	1.84E-07	0.00E+00	1.81E-07	0.00E+00	0.00E+00	0.00E+00

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration

Estimated Annual Average Ambient Concentrations (µg/m^3) for South Dakota																		
					Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
State	County	FIPS	Urban or Rural	Pollutant	5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Dakota	Hand	46059	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Hand	46059	R	1,1,2,2-Tetrachloroethane	1.47E-06	1.47E-06	1.47E-06	1.50E-06	1.50E-06	1.53E-06	1.53E-06	1.53E-06	0.00E+00	1.50E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Hand	46059	R	Trichloroethylene	8.14E-02	8.14E-02	8.14E-02	8.14E-02	8.14E-02	8.14E-02	8.14E-02	8.14E-02	0.00E+00	4.48E-04	0.00E+00	0.00E+00	8.10E-02
South Dakota	Hand	46059	R	Vinyl Chloride	3.62E-06	3.62E-06	3.62E-06	3.70E-06	3.70E-06	3.78E-06	3.78E-06	3.78E-06	0.00E+00	3.70E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Hanson	46061	R	Acetaldehyde	2.00E-02	2.00E-02	2.00E-02	2.00E-02	2.00E-02	2.00E-02	2.00E-02	2.00E-02	0.00E+00	2.15E-03	1.18E-02	6.10E-03	0.00E+00
South Dakota	Hanson	46061	R	Acrolein	2.51E-03	2.51E-03	2.51E-03	2.51E-03	2.51E-03	2.51E-03	2.51E-03	2.51E-03	0.00E+00	5.68E-04	1.44E-03	5.07E-04	0.00E+00
South Dakota	Hanson	46061	R	Acrylonitrile	1.79E-05	1.79E-05	1.79E-05	1.79E-05	1.79E-05	1.79E-05	1.79E-05	1.79E-05	0.00E+00	1.79E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Hanson	46061	R	Arsenic Compounds	3.66E-07	3.66E-07	3.66E-07	3.66E-07	3.66E-07	3.66E-07	3.66E-07	3.66E-07	0.00E+00	3.52E-07	1.46E-08	0.00E+00	0.00E+00
South Dakota	Hanson	46061	R	Benzene	5.00E-01	5.00E-01	5.00E-01	5.00E-01	5.00E-01	5.00E-01	5.00E-01	5.00E-01	0.00E+00	1.59E-03	1.58E-02	2.97E-03	4.80E-01
South Dakota	Hanson	46061	R	Beryllium Compounds	1.05E-07	1.05E-07	1.05E-07	1.05E-07	1.05E-07	1.05E-07	1.05E-07	1.05E-07	0.00E+00	1.05E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Hanson	46061	R	1,3-Butadiene	1.38E-03	1.38E-03	1.38E-03	1.38E-03	1.38E-03	1.38E-03	1.38E-03	1.38E-03	0.00E+00	1.36E-04	9.99E-04	2.41E-04	0.00E+00
South Dakota	Hanson	46061	R	Cadmium Compounds	4.62E-07	4.62E-07	4.62E-07	4.62E-07	4.62E-07	4.62E-07	4.62E-07	4.62E-07	0.00E+00	4.62E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Hanson	46061	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	6.17E-06	0.00E+00	0.00E+00	8.80E-01
South Dakota	Hanson	46061	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	0.00E+00	3.58E-05	0.00E+00	0.00E+00	8.30E-02
South Dakota	Hanson	46061	R	Chromium Compounds	3.97E-06	3.97E-06	3.97E-06	3.97E-06	3.97E-06	3.97E-06	3.97E-06	3.97E-06	0.00E+00	2.02E-06	9.64E-07	9.89E-07	0.00E+00
South Dakota	Hanson	46061	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Hanson	46061	R	1,3-Dichloropropene	9.77E-04	9.77E-04	9.77E-04	9.77E-04	9.77E-04	9.77E-04	9.77E-04	9.77E-04	0.00E+00	9.77E-04	0.00E+00	0.00E+00	0.00E+00
South Dakota	Hanson	46061	R	Diesel Particulate Matter	3.01E-01	3.01E-01	3.01E-01	3.01E-01	3.01E-01	3.01E-01	3.01E-01	3.01E-01	0.00E+00	0.00E+00	5.25E-02	2.49E-01	***
South Dakota	Hanson	46061	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	1.83E-08	0.00E+00	0.00E+00	7.70E-03
South Dakota	Hanson	46061	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	2.41E-06	0.00E+00	0.00E+00	6.10E-02
South Dakota	Hanson	46061	R	Ethylene Oxide	2.28E-05	2.28E-05	2.28E-05	2.28E-05	2.28E-05	2.28E-05	2.28E-05	2.28E-05	0.00E+00	2.28E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Hanson	46061	R	Formaldehyde	2.74E-01	2.74E-01	2.74E-01	2.74E-01	2.74E-01	2.74E-01	2.74E-01	2.74E-01	0.00E+00	4.25E-03	1.10E-02	8.43E-03	2.50E-01
South Dakota	Hanson	46061	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	1.33E-07	0.00E+00	0.00E+00	9.30E-05
South Dakota	Hanson	46061	R	Hydrazine	9.10E-10	9.10E-10	9.10E-10	9.10E-10	9.10E-10	9.10E-10	9.10E-10	9.10E-10	0.00E+00	9.10E-10	0.00E+00	0.00E+00	0.00E+00
South Dakota	Hanson	46061	R	Lead Compounds	3.92E-05	3.92E-05	3.92E-05	3.92E-05	3.92E-05	3.92E-05	3.92E-05	3.92E-05	0.00E+00	6.50E-06	1.32E-06	3.14E-05	0.00E+00
South Dakota	Hanson	46061	R	Manganese Compounds	7.30E-03	7.30E-03	7.30E-03	7.30E-03	7.30E-03	7.30E-03	7.30E-03	7.30E-03	7.20E-03	1.05E-04	3.72E-07	1.10E-06	0.00E+00
South Dakota	Hanson	46061	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	0.00E+00	4.51E-06	1.30E-08	2.90E-07	1.50E-03
South Dakota	Hanson	46061	R	Methylene Chloride	1.52E-01	1.52E-01	1.52E-01	1.52E-01	1.52E-01	1.52E-01	1.52E-01	1.52E-01	0.00E+00	1.75E-03	0.00E+00	0.00E+00	1.50E-01
South Dakota	Hanson	46061	R	Nickel Compounds	5.28E-06	5.28E-06	5.28E-06	5.28E-06	5.28E-06	5.28E-06	5.28E-06	5.28E-06	0.00E+00	4.09E-06	7.46E-07	4.49E-07	0.00E+00
South Dakota	Hanson	46061	R	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	0.00E+00	6.55E-04	0.00E+00	0.00E+00	1.40E-01
South Dakota	Hanson	46061	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
South Dakota	Hanson	46061	R	Polycyclic Organic Matter	1.09E-03	1.09E-03	1.09E-03	1.09E-03	1.09E-03	1.09E-03	1.09E-03	1.09E-03	0.00E+00	1.08E-03	7.09E-06	1.21E-06	0.00E+00
South Dakota	Hanson	46061	R	7-PAH	7.90E-05	7.90E-05	7.90E-05	7.90E-05	7.90E-05	7.90E-05	7.90E-05	7.90E-05	0.00E+00	7.55E-05	3.15E-06	4.17E-07	0.00E+00
South Dakota	Hanson	46061	R	Propylene Dichloride	1.10E-06	1.10E-06	1.10E-06	1.10E-06	1.10E-06	1.10E-06	1.10E-06	1.10E-06	0.00E+00	1.10E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Hanson	46061	R	Quinoline	1.13E-08	1.13E-08	1.13E-08	1.13E-08	1.13E-08	1.13E-08	1.13E-08	1.13E-08	0.00E+00	1.13E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Hanson	46061	R	1,1,2,2-Tetrachloroethane	8.66E-06	8.66E-06	8.66E-06	8.66E-06	8.66E-06	8.66E-06	8.66E-06	8.66E-06	0.00E+00	8.66E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Hanson	46061	R	Trichloroethylene	8.12E-02	8.12E-02	8.12E-02	8.12E-02	8.12E-02	8.12E-02	8.12E-02	8.12E-02	0.00E+00	2.13E-04	0.00E+00	0.00E+00	8.10E-02
South Dakota	Hanson	46061	R	Vinyl Chloride	2.17E-05	2.17E-05	2.17E-05	2.17E-05	2.17E-05	2.17E-05	2.17E-05	2.17E-05	0.00E+00	2.17E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Harding	46063	R	Acetaldehyde	1.04E-03	1.04E-03	1.04E-03	1.04E-03	1.04E-03	1.04E-03	1.04E-03	1.04E-03	0.00E+00	1.47E-04	5.02E-04	3.95E-04	0.00E+00
South Dakota	Harding	46063	R	Acrolein	1.74E-04	1.74E-04	1.74E-04	1.74E-04	1.74E-04	1.74E-04	1.74E-04	1.74E-04	0.00E+00	9.09E-05	6.25E-05	2.05E-05	0.00E+00
South Dakota	Harding	46063	R	Acrylonitrile	5.55E-08	5.55E-08	5.55E-08	5.55E-08	5.55E-08	5.55E-08	5.55E-08	5.55E-08	0.00E+00	5.55E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Harding	46063	R	Arsenic Compounds	1.06E-08	1.06E-08	1.06E-08	1.06E-08	1.06E-08	1.06E-08	1.06E-08	1.06E-08	0.00E+00	1.01E-08	5.43E-10	0.00E+00	0.00E+00
South Dakota	Harding	46063	R	Benzene	4.81E-01	4.81E-01	4.81E-01	4.81E-01	4.81E-01	4.81E-01	4.81E-01	4.81E-01	0.00E+00	3.13E-04	8.37E-04	2.82E-04	4.80E-01
South Dakota	Harding	46063	R	Beryllium Compounds	3.22E-09	3.22E-09	3.22E-09	3.22E-09	3.22E-09	3.22E-09	3.22E-09	3.22E-09	0.00E+00	3.22E-09	0.00E+00	0.00E+00	0.00E+00
South Dakota	Harding	46063	R	1,3-Butadiene	1.24E-04	1.24E-04	1.24E-04	1.24E-04	1.24E-04	1.24E-04	1.24E-04	1.24E-04	0.00E+00	3.78E-05	6.63E-05	2.03E-05	0.00E+00
South Dakota	Harding	46063	R	Cadmium Compounds	4.64E-09	4.64E-09	4.64E-09	4.64E-09	4.64E-09	4.64E-09	4.64E-09	4.64E-09	0.00E+00	4.64E-09	0.00E+00	0.00E+00	0.00E+00
South Dakota	Harding	46063	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.81E-07	0.00E+00	0.00E+00	8.80E-01
South Dakota	Harding	46063	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	0.00E+00	1.16E-06	0.00E+00	0.00E+00	8.30E-02
South Dakota	Harding	46063	R	Chromium Compounds	8.27E-08	8.27E-08	8.27E-08	8.27E-08	8.27E-08	8.27E-08	8.27E-08	8.27E-08	0.00E+00	1.22E-08	3.32E-08	3.73E-08	0.00E+00
South Dakota	Harding	46063	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Harding	46063	R	1,3-Dichloropropene	3.55E-05	3.55E-05	3.55E-05	3.55E-05	3.55E-05	3.55E-05	3.55E-05	3.55E-05	0.00E+00	3.55E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Harding	46063	R	Diesel Particulate Matter	5.66E-02	5.66E-02	5.66E-02	5.66E-02	5.66E-02	5.66E-02	5.66E-02	5.66E-02	0.00E+00	0.00E+00	9.90E-03	4.67E-02	***
South Dakota	Harding	46063	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.70E-03
South Dakota	Harding	46063	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	6.03E-08	0.00E+00	0.00E+00	6.10E-02
South Dakota	Harding	46063	R	Ethylene Oxide	3.19E-08	3.19E-08	3.19E-08	3.19E-08	3.19E-08	3.19E-08	3.19E-08	3.19E-08	0.00E+00	3.19E-08	0.00E+00	0.00E+00	0.00E+00

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration

Estimated Annual Average Ambient Concentrations (μg/m^3) for South Dakota

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Dakota	Harding	46063	R	Formaldehyde	2.51E-01	2.51E-01	2.51E-01	2.51E-01	2.51E-01	2.51E-01	2.51E-01	2.51E-01	0.00E+00	4.85E-04	5.39E-04	4.23E-04	2.50E-01
South Dakota	Harding	46063	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	1.51E-08	0.00E+00	0.00E+00	9.30E-05
South Dakota	Harding	46063	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Harding	46063	R	Lead Compounds	8.03E-08	8.03E-08	8.03E-08	8.03E-08	8.03E-08	8.03E-08	8.03E-08	8.03E-08	0.00E+00	3.43E-08	4.60E-08	0.00E+00	0.00E+00
South Dakota	Harding	46063	R	Manganese Compounds	6.58E-07	6.58E-07	6.58E-07	6.58E-07	6.58E-07	6.58E-07	6.58E-07	6.58E-07	0.00E+00	6.03E-07	1.34E-08	4.17E-08	0.00E+00
South Dakota	Harding	46063	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	0.00E+00	9.21E-09	4.53E-10	1.05E-08	1.50E-03
South Dakota	Harding	46063	R	Methylene Chloride	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	0.00E+00	5.42E-05	0.00E+00	0.00E+00	1.50E-01
South Dakota	Harding	46063	R	Nickel Compounds	1.07E-07	1.07E-07	1.07E-07	1.07E-07	1.07E-07	1.07E-07	1.07E-07	1.07E-07	0.00E+00	6.25E-08	2.59E-08	1.81E-08	0.00E+00
South Dakota	Harding	46063	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	0.00E+00	9.53E-06	0.00E+00	0.00E+00	1.40E-01
South Dakota	Harding	46063	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
South Dakota	Harding	46063	R	Polycyclic Organic Matter	5.41E-05	5.41E-05	5.41E-05	5.41E-05	5.41E-05	5.41E-05	5.41E-05	5.41E-05	0.00E+00	5.37E-05	2.38E-07	1.12E-07	0.00E+00
South Dakota	Harding	46063	R	7-PAH	5.01E-06	5.01E-06	5.01E-06	5.01E-06	5.01E-06	5.01E-06	5.01E-06	5.01E-06	0.00E+00	4.85E-06	1.06E-07	5.70E-08	0.00E+00
South Dakota	Harding	46063	R	Propylene Dichloride	1.66E-09	1.66E-09	1.66E-09	1.66E-09	1.66E-09	1.66E-09	1.66E-09	1.66E-09	0.00E+00	1.66E-09	0.00E+00	0.00E+00	0.00E+00
South Dakota	Harding	46063	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Harding	46063	R	1,1,2,2-Tetrachloroethane	2.51E-10	2.51E-10	2.51E-10	2.51E-10	2.51E-10	2.51E-10	2.51E-10	2.51E-10	0.00E+00	2.51E-10	0.00E+00	0.00E+00	0.00E+00
South Dakota	Harding	46063	R	Trichloroethylene	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	0.00E+00	3.09E-06	0.00E+00	0.00E+00	8.10E-02
South Dakota	Harding	46063	R	Vinyl Chloride	9.64E-10	9.64E-10	9.64E-10	9.64E-10	9.64E-10	9.64E-10	9.64E-10	9.64E-10	0.00E+00	9.64E-10	0.00E+00	0.00E+00	0.00E+00
South Dakota	Hughes	46065	U	Acetaldehyde	1.48E-02	1.48E-02	3.38E-02	5.41E-02	4.49E-02	5.60E-02	5.67E-02	5.67E-02	0.00E+00	1.09E-02	1.51E-02	1.90E-02	0.00E+00
South Dakota	Hughes	46065	U	Acrolein	1.62E-03	1.62E-03	7.80E-03	1.43E-02	1.14E-02	1.49E-02	1.53E-02	1.53E-02	0.00E+00	6.51E-03	2.12E-03	2.73E-03	0.00E+00
South Dakota	Hughes	46065	U	Acrylonitrile	1.25E-05	1.25E-05	1.65E-05	2.04E-05	1.84E-05	2.04E-05	2.04E-05	2.04E-05	0.00E+00	1.84E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Hughes	46065	U	Arsenic Compounds	1.90E-07	1.90E-07	6.78E-06	1.34E-05	1.01E-05	1.34E-05	1.34E-05	1.34E-05	0.00E+00	9.94E-06	1.37E-07	0.00E+00	0.00E+00
South Dakota	Hughes	46065	U	Benzene	4.97E-01	4.97E-01	6.03E-01	7.09E-01	6.57E-01	7.10E-01	7.11E-01	7.11E-01	0.00E+00	7.05E-02	4.45E-02	6.16E-02	4.80E-01
South Dakota	Hughes	46065	U	Beryllium Compounds	5.12E-08	5.12E-08	2.12E-06	4.18E-06	3.15E-06	4.18E-06	4.18E-06	4.18E-06	0.00E+00	3.15E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Hughes	46065	U	1,3-Butadiene	1.05E-03	1.05E-03	1.07E-02	2.04E-02	1.58E-02	2.08E-02	2.12E-02	2.12E-02	0.00E+00	3.58E-03	4.85E-03	7.34E-03	0.00E+00
South Dakota	Hughes	46065	U	Cadmium Compounds	4.85E-07	4.85E-07	3.48E-06	6.47E-06	4.97E-06	6.47E-06	6.47E-06	6.47E-06	0.00E+00	4.97E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Hughes	46065	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.15E-05	0.00E+00	0.00E+00	8.80E-01
South Dakota	Hughes	46065	U	Chloroform	8.30E-02	8.30E-02	8.31E-02	8.33E-02	8.32E-02	8.33E-02	8.33E-02	8.33E-02	0.00E+00	1.98E-04	0.00E+00	0.00E+00	8.30E-02
South Dakota	Hughes	46065	U	Chromium Compounds	2.56E-06	2.56E-06	1.60E-05	2.95E-05	2.27E-05	2.95E-05	2.95E-05	2.95E-05	0.00E+00	1.03E-05	9.00E-06	3.46E-06	0.00E+00
South Dakota	Hughes	46065	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Hughes	46065	U	1,3-Dichloropropene	4.86E-04	4.86E-04	1.75E-02	3.45E-02	2.60E-02	3.45E-02	3.45E-02	3.45E-02	0.00E+00	2.60E-02	0.00E+00	0.00E+00	0.00E+00
South Dakota	Hughes	46065	U	Diesel Particulate Matter	1.52E-01	1.52E-01	2.58E-01	3.63E-01	3.11E-01	3.64E-01	3.64E-01	3.64E-01	0.00E+00	0.00E+00	3.22E-02	2.78E-01	***
South Dakota	Hughes	46065	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	4.22E-08	0.00E+00	0.00E+00	7.70E-03
South Dakota	Hughes	46065	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	2.99E-05	0.00E+00	0.00E+00	6.10E-02
South Dakota	Hughes	46065	U	Ethylene Oxide	7.65E-06	7.65E-06	4.04E-04	8.00E-04	6.02E-04	8.00E-04	8.00E-04	8.00E-04	0.00E+00	6.02E-04	0.00E+00	0.00E+00	0.00E+00
South Dakota	Hughes	46065	U	Formaldehyde	2.66E-01	2.66E-01	3.07E-01	3.50E-01	3.31E-01	3.55E-01	3.57E-01	3.57E-01	0.00E+00	3.26E-02	2.13E-02	2.71E-02	2.50E-01
South Dakota	Hughes	46065	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.32E-05	9.34E-05	9.33E-05	9.34E-05	9.34E-05	9.34E-05	0.00E+00	2.94E-07	0.00E+00	0.00E+00	9.30E-05
South Dakota	Hughes	46065	U	Hydrazine	7.43E-11	7.43E-11	1.05E-08	2.10E-08	1.57E-08	2.10E-08	2.10E-08	2.10E-08	0.00E+00	1.57E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Hughes	46065	U	Lead Compounds	3.73E-05	3.73E-05	1.90E-04	4.27E-04	4.56E-04	7.23E-04	9.35E-04	9.35E-04	0.00E+00	8.27E-05	1.29E-05	3.61E-04	0.00E+00
South Dakota	Hughes	46065	U	Manganese Compounds	9.55E-06	9.55E-06	2.56E-04	5.02E-04	3.79E-04	5.02E-04	5.02E-04	5.02E-04	0.00E+00	3.70E-04	3.76E-06	5.25E-06	0.00E+00
South Dakota	Hughes	46065	U	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.51E-03	1.52E-03	1.52E-03	1.52E-03	0.00E+00	1.37E-05	1.25E-07	7.86E-07	1.50E-03
South Dakota	Hughes	46065	U	Methylene Chloride	1.51E-01	1.51E-01	1.85E-01	2.19E-01	2.02E-01	2.19E-01	2.19E-01	2.19E-01	0.00E+00	5.23E-02	0.00E+00	0.00E+00	1.50E-01
South Dakota	Hughes	46065	U	Nickel Compounds	2.67E-06	2.67E-06	7.98E-05	1.57E-04	1.18E-04	1.57E-04	1.57E-04	1.57E-04	0.00E+00	1.09E-04	6.87E-06	2.74E-06	0.00E+00
South Dakota	Hughes	46065	U	Perchloroethylene	1.40E-01	1.40E-01	1.58E-01	1.75E-01	1.67E-01	1.75E-01	1.75E-01	1.75E-01	0.00E+00	2.66E-02	0.00E+00	0.00E+00	1.40E-01
South Dakota	Hughes	46065	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
South Dakota	Hughes	46065	U	Polycyclic Organic Matter	5.64E-04	5.64E-04	1.78E-02	3.51E-02	2.65E-02	3.51E-02	3.51E-02	3.51E-02	0.00E+00	2.64E-02	6.25E-05	2.09E-05	0.00E+00
South Dakota	Hughes	46065	U	7-PAH	4.13E-05	4.13E-05	9.96E-04	1.95E-03	1.47E-03	1.95E-03	1.95E-03	1.95E-03	0.00E+00	1.44E-03	2.78E-05	8.80E-06	0.00E+00
South Dakota	Hughes	46065	U	Propylene Dichloride	6.97E-07	6.97E-07	1.10E-06	1.51E-06	1.31E-06	1.51E-06	1.51E-06	1.51E-06	0.00E+00	1.31E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Hughes	46065	U	Quinoline	5.36E-10	5.36E-10	2.89E-08	5.74E-08	4.31E-08	5.74E-08	5.74E-08	5.74E-08	0.00E+00	4.31E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Hughes	46065	U	1,1,2,2-Tetrachloroethane	5.77E-06	5.77E-06	7.10E-06	8.44E-06	7.77E-06	8.44E-06	8.44E-06	8.44E-06	0.00E+00	7.77E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Hughes	46065	U	Trichloroethylene	8.11E-02	8.11E-02	8.81E-02	9.51E-02	9.16E-02	9.51E-02	9.51E-02	9.51E-02	0.00E+00	1.06E-02	0.00E+00	0.00E+00	8.10E-02
South Dakota	Hughes	46065	U	Vinyl Chloride	1.42E-05	1.42E-05	1.83E-05	2.25E-05	2.04E-05	2.25E-05	2.25E-05	2.25E-05	0.00E+00	2.04E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Hutchinson	46067	R	Acetaldehyde	2.02E-02	2.02E-02	2.02E-02	2.04E-02	2.14E-02	2.35E-02	2.35E-02	2.35E-02	0.00E+00	1.90E-03	1.33E-02	6.17E-03	0.00E+00
South Dakota	Hutchinson	46067	R	Acrolein	2.28E-03	2.28E-03	2.28E-03	2.74E-03	2.63E-03	2.87E-03	2.87E-03	2.87E-03	0.00E+00	5.54E-04	1.64E-03	4.34E-04	0.00E+00
South Dakota	Hutchinson	46067	R	Acrylonitrile	3.08E-06	3.08E-06	3.08E-06	8.02E-06	7.03E-06	1.00E-05	1.00E-05	1.00E-05	0.00E+00	7.03E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Hutchinson	46067	R	Arsenic Compounds	2.24E-07	2.24E-07	2.24E-07	4.36E-07	3.68E-07	4.42E-07	4.42E-07	4.42E-07	0.00E+00	3.54E-07	1.38E-08	0.00E+00	0.00E+00

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration

Estimated Annual Average Ambient Concentrations (µg/m^3) for South Dakota

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Dakota	Hutchinson	46067	R	Benzene	5.05E-01	5.05E-01	5.05E-01	5.07E-01	5.07E-01	5.09E-01	5.09E-01	5.09E-01	0.00E+00	4.23E-03	1.93E-02	3.32E-03	4.80E-01
South Dakota	Hutchinson	46067	R	Beryllium Compounds	6.30E-08	6.30E-08	6.30E-08	1.18E-07	1.04E-07	1.31E-07	1.31E-07	1.31E-07	0.00E+00	1.04E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Hutchinson	46067	R	1,3-Butadiene	1.60E-03	1.60E-03	1.60E-03	1.75E-03	1.76E-03	1.93E-03	1.93E-03	1.93E-03	0.00E+00	1.58E-04	1.32E-03	2.80E-04	0.00E+00
South Dakota	Hutchinson	46067	R	Cadmium Compounds	4.42E-07	4.42E-07	4.42E-07	4.63E-07	4.85E-07	5.50E-07	5.50E-07	5.50E-07	0.00E+00	4.85E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Hutchinson	46067	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	5.35E-06	0.00E+00	0.00E+00	8.80E-01
South Dakota	Hutchinson	46067	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	0.00E+00	2.80E-05	0.00E+00	0.00E+00	8.30E-02
South Dakota	Hutchinson	46067	R	Chromium Compounds	1.97E-06	1.97E-06	1.97E-06	3.09E-06	2.74E-06	3.17E-06	3.17E-06	3.17E-06	0.00E+00	8.75E-07	8.94E-07	9.75E-07	0.00E+00
South Dakota	Hutchinson	46067	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Hutchinson	46067	R	1,3-Dichloropropene	6.61E-04	6.61E-04	6.61E-04	1.02E-03	9.46E-04	1.15E-03	1.15E-03	1.15E-03	0.00E+00	9.46E-04	0.00E+00	0.00E+00	0.00E+00
South Dakota	Hutchinson	46067	R	Diesel Particulate Matter	2.98E-01	2.98E-01	2.98E-01	3.13E-01	3.17E-01	3.39E-01	3.39E-01	3.39E-01	0.00E+00	0.00E+00	5.90E-02	2.58E-01	***
South Dakota	Hutchinson	46067	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	6.63E-09	0.00E+00	0.00E+00	7.70E-03
South Dakota	Hutchinson	46067	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	2.27E-06	0.00E+00	0.00E+00	6.10E-02
South Dakota	Hutchinson	46067	R	Ethylene Oxide	1.79E-05	1.79E-05	1.79E-05	4.03E-05	3.94E-05	6.01E-05	6.01E-05	6.01E-05	0.00E+00	3.94E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Hutchinson	46067	R	Formaldehyde	2.74E-01	2.74E-01	2.74E-01	2.76E-01	2.76E-01	2.77E-01	2.77E-01	2.77E-01	3.10E-06	4.01E-03	1.32E-02	8.44E-03	2.50E-01
South Dakota	Hutchinson	46067	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	1.33E-07	0.00E+00	0.00E+00	9.30E-05
South Dakota	Hutchinson	46067	R	Hydrazine	1.21E-10	1.21E-10	1.21E-10	3.46E-10	5.91E-10	1.31E-09	1.31E-09	1.31E-09	0.00E+00	5.91E-10	0.00E+00	0.00E+00	0.00E+00
South Dakota	Hutchinson	46067	R	Lead Compounds	7.74E-06	7.74E-06	7.74E-06	1.67E-05	1.65E-05	2.51E-05	2.51E-05	2.51E-05	0.00E+00	7.90E-06	1.23E-06	7.38E-06	0.00E+00
South Dakota	Hutchinson	46067	R	Manganese Compounds	8.89E-06	8.89E-06	8.89E-06	1.79E-05	1.06E-03	3.15E-03	3.15E-03	3.15E-03	1.03E-03	2.49E-05	3.52E-07	1.08E-06	0.00E+00
South Dakota	Hutchinson	46067	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.51E-03	0.00E+00	4.50E-06	1.20E-08	2.82E-07	1.50E-03
South Dakota	Hutchinson	46067	R	Methylene Chloride	1.51E-01	1.51E-01	1.51E-01	1.52E-01	1.52E-01	1.52E-01	1.52E-01	1.52E-01	0.00E+00	1.64E-03	0.00E+00	0.00E+00	1.50E-01
South Dakota	Hutchinson	46067	R	Nickel Compounds	2.43E-06	2.43E-06	2.43E-06	5.13E-06	5.59E-06	9.22E-06	9.22E-06	9.22E-06	0.00E+00	4.44E-06	6.94E-07	4.53E-07	0.00E+00
South Dakota	Hutchinson	46067	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	0.00E+00	5.64E-04	0.00E+00	0.00E+00	1.40E-01
South Dakota	Hutchinson	46067	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
South Dakota	Hutchinson	46067	R	Polycyclic Organic Matter	9.15E-04	9.15E-04	9.15E-04	1.28E-03	1.22E-03	1.47E-03	1.47E-03	1.47E-03	0.00E+00	1.21E-03	6.50E-06	1.07E-06	0.00E+00
South Dakota	Hutchinson	46067	R	7-PAH	7.20E-05	7.20E-05	7.20E-05	7.35E-05	7.42E-05	7.71E-05	7.71E-05	7.71E-05	0.00E+00	7.08E-05	2.89E-06	4.83E-07	0.00E+00
South Dakota	Hutchinson	46067	R	Propylene Dichloride	1.79E-07	1.79E-07	1.79E-07	4.46E-07	4.06E-07	5.94E-07	5.94E-07	5.94E-07	0.00E+00	4.06E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Hutchinson	46067	R	Quinoline	2.19E-09	2.19E-09	2.19E-09	5.24E-09	4.32E-09	5.54E-09	5.54E-09	5.54E-09	0.00E+00	4.32E-09	0.00E+00	0.00E+00	0.00E+00
South Dakota	Hutchinson	46067	R	1,1,2,2-Tetrachloroethane	7.94E-07	7.94E-07	7.94E-07	3.41E-06	2.92E-06	4.54E-06	4.54E-06	4.54E-06	0.00E+00	2.92E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Hutchinson	46067	R	Trichloroethylene	8.11E-02	8.11E-02	8.11E-02	8.12E-02	8.14E-02	8.20E-02	8.20E-02	8.20E-02	0.00E+00	4.39E-04	0.00E+00	0.00E+00	8.10E-02
South Dakota	Hutchinson	46067	R	Vinyl Chloride	2.13E-06	2.13E-06	2.13E-06	8.49E-06	7.32E-06	1.14E-05	1.14E-05	1.14E-05	0.00E+00	7.32E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Hyde	46069	R	Acetaldehyde	6.02E-03	6.02E-03	6.02E-03	6.02E-03	6.02E-03	6.02E-03	6.02E-03	6.02E-03	0.00E+00	5.14E-04	2.88E-03	2.62E-03	0.00E+00
South Dakota	Hyde	46069	R	Acrolein	6.44E-04	6.44E-04	6.44E-04	6.44E-04	6.44E-04	6.44E-04	6.44E-04	6.44E-04	0.00E+00	1.51E-04	3.60E-04	1.32E-04	0.00E+00
South Dakota	Hyde	46069	R	Acrylonitrile	1.35E-06	1.35E-06	1.35E-06	1.35E-06	1.35E-06	1.35E-06	1.35E-06	1.35E-06	0.00E+00	1.35E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Hyde	46069	R	Arsenic Compounds	6.30E-08	6.30E-08	6.30E-08	6.30E-08	6.30E-08	6.30E-08	6.30E-08	6.30E-08	0.00E+00	5.98E-08	3.14E-09	0.00E+00	0.00E+00
South Dakota	Hyde	46069	R	Benzene	4.86E-01	4.86E-01	4.86E-01	4.86E-01	4.86E-01	4.86E-01	4.86E-01	4.86E-01	0.00E+00	1.04E-03	3.88E-03	1.41E-03	4.80E-01
South Dakota	Hyde	46069	R	Beryllium Compounds	1.92E-08	1.92E-08	1.92E-08	1.92E-08	1.92E-08	1.92E-08	1.92E-08	1.92E-08	0.00E+00	1.92E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Hyde	46069	R	1,3-Butadiene	3.81E-04	3.81E-04	3.81E-04	3.81E-04	3.81E-04	3.81E-04	3.81E-04	3.81E-04	0.00E+00	5.51E-05	2.38E-04	8.72E-05	0.00E+00
South Dakota	Hyde	46069	R	Cadmium Compounds	6.35E-08	6.35E-08	6.35E-08	6.35E-08	6.35E-08	6.35E-08	6.35E-08	6.35E-08	0.00E+00	6.35E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Hyde	46069	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.25E-06	0.00E+00	0.00E+00	8.80E-01
South Dakota	Hyde	46069	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	0.00E+00	7.05E-06	0.00E+00	0.00E+00	8.30E-02
South Dakota	Hyde	46069	R	Chromium Compounds	4.96E-07	4.96E-07	4.96E-07	4.96E-07	4.96E-07	4.96E-07	4.96E-07	4.96E-07	0.00E+00	7.21E-08	1.97E-07	2.27E-07	0.00E+00
South Dakota	Hyde	46069	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Hyde	46069	R	1,3-Dichloropropene	1.67E-04	1.67E-04	1.67E-04	1.67E-04	1.67E-04	1.67E-04	1.67E-04	1.67E-04	0.00E+00	1.67E-04	0.00E+00	0.00E+00	0.00E+00
South Dakota	Hyde	46069	R	Diesel Particulate Matter	1.59E-01	1.59E-01	1.59E-01	1.59E-01	1.59E-01	1.59E-01	1.59E-01	1.59E-01	0.00E+00	0.00E+00	2.07E-02	1.38E-01	***
South Dakota	Hyde	46069	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	5.52E-10	0.00E+00	0.00E+00	7.70E-03
South Dakota	Hyde	46069	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	4.72E-07	0.00E+00	0.00E+00	6.10E-02
South Dakota	Hyde	46069	R	Ethylene Oxide	1.02E-06	1.02E-06	1.02E-06	1.02E-06	1.02E-06	1.02E-06	1.02E-06	1.02E-06	0.00E+00	1.02E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Hyde	46069	R	Formaldehyde	2.57E-01	2.57E-01	2.57E-01	2.57E-01	2.57E-01	2.57E-01	2.57E-01	2.57E-01	0.00E+00	1.19E-03	2.81E-03	3.21E-03	2.50E-01
South Dakota	Hyde	46069	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	8.10E-08	0.00E+00	0.00E+00	9.30E-05
South Dakota	Hyde	46069	R	Hydrazine	7.03E-13	7.03E-13	7.03E-13	7.03E-13	7.03E-13	7.03E-13	7.03E-13	7.03E-13	0.00E+00	7.03E-13	0.00E+00	0.00E+00	0.00E+00
South Dakota	Hyde	46069	R	Lead Compounds	1.13E-06	1.13E-06	1.13E-06	1.13E-06	1.13E-06	1.13E-06	1.13E-06	1.13E-06	0.00E+00	8.63E-07	2.69E-07	0.00E+00	0.00E+00
South Dakota	Hyde	46069	R	Manganese Compounds	3.23E-06	3.23E-06	3.23E-06	3.23E-06	3.23E-06	3.23E-06	3.23E-06	3.23E-06	0.00E+00	2.91E-06	7.69E-08	2.50E-07	0.00E+00
South Dakota	Hyde	46069	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	0.00E+00	5.11E-07	2.68E-09	6.66E-08	1.50E-03
South Dakota	Hyde	46069	R	Methylene Chloride	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	0.00E+00	3.02E-04	0.00E+00	0.00E+00	1.50E-01
South Dakota	Hyde	46069	R	Nickel Compounds	7.45E-07	7.45E-07	7.45E-07	7.45E-07	7.45E-07	7.45E-07	7.45E-07	7.45E-07	0.00E+00	4.90E-07	1.53E-07	1.02E-07	0.00E+00

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration

Estimated Annual Average Ambient Concentrations (µg/m³) for South Dakota																		
					Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
State	County	FIPS	Urban or Rural	Pollutant	5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Dakota	Hyde	46069	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	0.00E+00	1.35E-04	0.00E+00	0.00E+00	1.40E-01
South Dakota	Hyde	46069	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
South Dakota	Hyde	46069	R	Polycyclic Organic Matter	2.27E-04	2.27E-04	2.27E-04	2.27E-04	2.27E-04	2.27E-04	2.27E-04	2.27E-04	0.00E+00	2.25E-04	1.44E-06	5.35E-07	0.00E+00
South Dakota	Hyde	46069	R	7-PAH	1.55E-05	1.55E-05	1.55E-05	1.55E-05	1.55E-05	1.55E-05	1.55E-05	1.55E-05	0.00E+00	1.46E-05	6.40E-07	2.71E-07	0.00E+00
South Dakota	Hyde	46069	R	Propylene Dichloride	7.01E-08	7.01E-08	7.01E-08	7.01E-08	7.01E-08	7.01E-08	7.01E-08	7.01E-08	0.00E+00	7.01E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Hyde	46069	R	Quinoline	1.24E-11	1.24E-11	1.24E-11	1.24E-11	1.24E-11	1.24E-11	1.24E-11	1.24E-11	0.00E+00	1.24E-11	0.00E+00	0.00E+00	0.00E+00
South Dakota	Hyde	46069	R	1,1,2,2-Tetrachloroethane	5.38E-07	5.38E-07	5.38E-07	5.38E-07	5.38E-07	5.38E-07	5.38E-07	5.38E-07	0.00E+00	5.38E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Hyde	46069	R	Trichloroethylene	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	0.00E+00	4.87E-05	0.00E+00	0.00E+00	8.10E-02
South Dakota	Hyde	46069	R	Vinyl Chloride	1.33E-06	1.33E-06	1.33E-06	1.33E-06	1.33E-06	1.33E-06	1.33E-06	1.33E-06	0.00E+00	1.33E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Jackson	46071	R	Acetaldehyde	4.45E-03	4.45E-03	4.45E-03	5.21E-03	5.21E-03	5.97E-03	5.97E-03	5.97E-03	0.00E+00	8.47E-04	2.81E-03	1.55E-03	0.00E+00
South Dakota	Jackson	46071	R	Acrolein	1.07E-03	1.07E-03	1.07E-03	1.17E-03	1.17E-03	1.27E-03	1.27E-03	1.27E-03	0.00E+00	7.31E-04	3.50E-04	8.95E-05	0.00E+00
South Dakota	Jackson	46071	R	Acrylonitrile	7.34E-06	7.34E-06	7.34E-06	7.67E-06	7.67E-06	7.99E-06	7.99E-06	7.99E-06	0.00E+00	7.67E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Jackson	46071	R	Arsenic Compounds	4.55E-08	4.55E-08	4.55E-08	6.39E-08	6.39E-08	8.23E-08	8.23E-08	8.23E-08	0.00E+00	6.12E-08	2.73E-09	0.00E+00	0.00E+00
South Dakota	Jackson	46071	R	Benzene	4.86E-01	4.86E-01	4.86E-01	4.87E-01	4.87E-01	4.87E-01	4.87E-01	4.87E-01	0.00E+00	1.67E-03	4.06E-03	9.21E-04	4.80E-01
South Dakota	Jackson	46071	R	Beryllium Compounds	1.31E-08	1.31E-08	1.31E-08	1.79E-08	1.79E-08	2.28E-08	2.28E-08	2.28E-08	0.00E+00	1.79E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Jackson	46071	R	1,3-Butadiene	5.81E-04	5.81E-04	5.81E-04	5.83E-04	5.83E-04	5.84E-04	5.84E-04	5.84E-04	0.00E+00	2.41E-04	2.74E-04	6.75E-05	0.00E+00
South Dakota	Jackson	46071	R	Cadmium Compounds	4.93E-08	4.93E-08	4.93E-08	6.64E-08	6.64E-08	8.35E-08	8.35E-08	8.35E-08	0.00E+00	6.64E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Jackson	46071	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.01E-06	0.00E+00	0.00E+00	8.80E-01
South Dakota	Jackson	46071	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	0.00E+00	6.40E-06	0.00E+00	0.00E+00	8.30E-02
South Dakota	Jackson	46071	R	Chromium Compounds	3.44E-07	3.44E-07	3.44E-07	4.39E-07	4.39E-07	5.34E-07	5.34E-07	5.34E-07	0.00E+00	7.65E-08	1.75E-07	1.87E-07	0.00E+00
South Dakota	Jackson	46071	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Jackson	46071	R	1,3-Dichloropropene	1.42E-04	1.42E-04	1.42E-04	1.86E-04	1.86E-04	2.30E-04	2.30E-04	2.30E-04	0.00E+00	1.86E-04	0.00E+00	0.00E+00	0.00E+00
South Dakota	Jackson	46071	R	Diesel Particulate Matter	7.21E-02	7.21E-02	7.21E-02	8.01E-02	8.01E-02	8.81E-02	8.81E-02	8.81E-02	0.00E+00	0.00E+00	1.54E-02	6.48E-02	***
South Dakota	Jackson	46071	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	4.12E-09	0.00E+00	0.00E+00	7.70E-03
South Dakota	Jackson	46071	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	1.02E-06	0.00E+00	0.00E+00	6.10E-02
South Dakota	Jackson	46071	R	Ethylene Oxide	2.22E-06	2.22E-06	2.22E-06	2.45E-06	2.45E-06	2.67E-06	2.67E-06	2.67E-06	0.00E+00	2.45E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Jackson	46071	R	Formaldehyde	2.58E-01	2.58E-01	2.58E-01	2.58E-01	2.58E-01	2.58E-01	2.58E-01	2.58E-01	0.00E+00	3.32E-03	2.72E-03	1.82E-03	2.50E-01
South Dakota	Jackson	46071	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	5.05E-08	0.00E+00	0.00E+00	9.30E-05
South Dakota	Jackson	46071	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Jackson	46071	R	Lead Compounds	8.75E-07	8.75E-07	8.75E-07	1.44E-06	1.44E-06	2.00E-06	2.00E-06	2.00E-06	0.00E+00	1.20E-06	2.41E-07	0.00E+00	0.00E+00
South Dakota	Jackson	46071	R	Manganese Compounds	2.71E-06	2.71E-06	2.71E-06	3.54E-06	3.54E-06	4.36E-06	4.36E-06	4.36E-06	0.00E+00	3.26E-06	6.95E-08	2.09E-07	0.00E+00
South Dakota	Jackson	46071	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	0.00E+00	5.09E-07	2.35E-09	5.36E-08	1.50E-03
South Dakota	Jackson	46071	R	Methylene Chloride	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	0.00E+00	3.35E-04	0.00E+00	0.00E+00	1.50E-01
South Dakota	Jackson	46071	R	Nickel Compounds	4.43E-07	4.43E-07	4.43E-07	7.13E-07	7.13E-07	9.83E-07	9.83E-07	9.83E-07	0.00E+00	4.88E-07	1.36E-07	8.91E-08	0.00E+00
South Dakota	Jackson	46071	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	0.00E+00	7.11E-05	0.00E+00	0.00E+00	1.40E-01
South Dakota	Jackson	46071	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
South Dakota	Jackson	46071	R	Polycyclic Organic Matter	3.07E-04	3.07E-04	3.07E-04	3.07E-04	3.07E-04	3.08E-04	3.08E-04	3.08E-04	0.00E+00	3.06E-04	1.27E-06	3.29E-07	0.00E+00
South Dakota	Jackson	46071	R	7-PAH	2.92E-05	2.92E-05	2.92E-05	3.26E-05	3.26E-05	3.59E-05	3.59E-05	3.59E-05	0.00E+00	3.19E-05	5.62E-07	1.66E-07	0.00E+00
South Dakota	Jackson	46071	R	Propylene Dichloride	4.37E-07	4.37E-07	4.37E-07	4.55E-07	4.55E-07	4.73E-07	4.73E-07	4.73E-07	0.00E+00	4.55E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Jackson	46071	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Jackson	46071	R	1,1,2,2-Tetrachloroethane	3.94E-06	3.94E-06	3.94E-06	4.09E-06	4.09E-06	4.23E-06	4.23E-06	4.23E-06	0.00E+00	4.09E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Jackson	46071	R	Trichloroethylene	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	0.00E+00	3.18E-05	0.00E+00	0.00E+00	8.10E-02
South Dakota	Jackson	46071	R	Vinyl Chloride	9.69E-06	9.69E-06	9.69E-06	1.01E-05	1.01E-05	1.04E-05	1.04E-05	1.04E-05	0.00E+00	1.01E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Jerauld	46073	R	Acetaldehyde	2.03E-02	2.03E-02	2.03E-02	2.03E-02	2.03E-02	2.04E-02	2.04E-02	2.04E-02	0.00E+00	2.20E-03	8.56E-03	9.55E-03	0.00E+00
South Dakota	Jerauld	46073	R	Acrolein	2.32E-03	2.32E-03	2.32E-03	2.33E-03	2.33E-03	2.33E-03	2.33E-03	2.33E-03	0.00E+00	2.91E-04	1.06E-03	9.71E-04	0.00E+00
South Dakota	Jerauld	46073	R	Acrylonitrile	7.25E-06	7.25E-06	7.25E-06	7.31E-06	7.31E-06	7.36E-06	7.36E-06	7.36E-06	0.00E+00	7.31E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Jerauld	46073	R	Arsenic Compounds	1.46E-06	1.46E-06	1.46E-06	1.46E-06	1.46E-06	1.46E-06	1.46E-06	1.46E-06	0.00E+00	1.44E-06	1.69E-08	0.00E+00	0.00E+00
South Dakota	Jerauld	46073	R	Benzene	5.11E-01	5.11E-01	5.11E-01	5.11E-01	5.11E-01	5.11E-01	5.11E-01	5.11E-01	0.00E+00	6.53E-04	2.69E-02	3.02E-03	4.80E-01
South Dakota	Jerauld	46073	R	Beryllium Compounds	4.58E-07	4.58E-07	4.58E-07	4.58E-07	4.58E-07	4.58E-07	4.58E-07	4.58E-07	0.00E+00	4.58E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Jerauld	46073	R	1,3-Butadiene	3.17E-03	3.17E-03	3.17E-03	3.17E-03	3.17E-03	3.18E-03	3.18E-03	3.18E-03	0.00E+00	8.00E-06	2.90E-03	2.64E-04	0.00E+00
South Dakota	Jerauld	46073	R	Cadmium Compounds	8.26E-07	8.26E-07	8.26E-07	8.27E-07	8.27E-07	8.28E-07	8.28E-07	8.28E-07	0.00E+00	8.27E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Jerauld	46073	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	2.11E-06	0.00E+00	0.00E+00	8.80E-01
South Dakota	Jerauld	46073	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	0.00E+00	3.30E-05	0.00E+00	0.00E+00	8.30E-02
South Dakota	Jerauld	46073	R	Chromium Compounds	6.24E-06	6.24E-06	6.24E-06	6.25E-06	6.25E-06	6.25E-06	6.25E-06	6.25E-06	0.00E+00	1.48E-06	1.15E-06	3.61E-06	0.00E+00
South Dakota	Jerauld	46073	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration

Estimated Annual Average Ambient Concentrations (μg/m^3) for South Dakota

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Dakota	Jerauld	46073	R	1,3-Dichloropropene	3.53E-03	3.53E-03	3.53E-03	3.53E-03	3.53E-03	3.53E-03	3.53E-03	3.53E-03	0.00E+00	3.53E-03	0.00E+00	0.00E+00	0.00E+00
South Dakota	Jerauld	46073	R	Diesel Particulate Matter	4.32E-01	4.32E-01	4.32E-01	4.33E-01	4.33E-01	4.34E-01	4.34E-01	4.34E-01	0.00E+00	0.00E+00	3.60E-02	3.97E-01	***
South Dakota	Jerauld	46073	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	3.74E-09	0.00E+00	0.00E+00	7.70E-03
South Dakota	Jerauld	46073	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	9.72E-07	0.00E+00	0.00E+00	6.10E-02
South Dakota	Jerauld	46073	R	Ethylene Oxide	1.82E-04	1.82E-04	1.82E-04	1.82E-04	1.82E-04	1.82E-04	1.82E-04	1.82E-04	0.00E+00	1.82E-04	0.00E+00	0.00E+00	0.00E+00
South Dakota	Jerauld	46073	R	Formaldehyde	2.80E-01	2.80E-01	2.80E-01	2.80E-01	2.80E-01	2.80E-01	2.80E-01	2.80E-01	0.00E+00	2.25E-03	1.32E-02	1.49E-02	2.50E-01
South Dakota	Jerauld	46073	R	Hexachlorobenzene	9.36E-05	9.36E-05	9.36E-05	9.36E-05	9.36E-05	9.36E-05	9.36E-05	9.36E-05	0.00E+00	5.83E-07	0.00E+00	0.00E+00	9.30E-05
South Dakota	Jerauld	46073	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Jerauld	46073	R	Lead Compounds	9.78E-05	9.78E-05	9.78E-05	9.79E-05	9.79E-05	9.80E-05	9.80E-05	9.80E-05	0.00E+00	9.22E-05	1.65E-06	4.06E-06	0.00E+00
South Dakota	Jerauld	46073	R	Manganese Compounds	6.48E-05	6.48E-05	6.48E-05	6.48E-05	6.48E-05	6.49E-05	6.49E-05	6.49E-05	0.00E+00	6.07E-05	4.74E-07	3.66E-06	0.00E+00
South Dakota	Jerauld	46073	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	0.00E+00	3.47E-06	1.60E-08	1.04E-06	1.50E-03
South Dakota	Jerauld	46073	R	Methylene Chloride	1.61E-01	1.61E-01	1.61E-01	1.61E-01	1.61E-01	1.61E-01	1.61E-01	1.61E-01	0.00E+00	1.07E-02	0.00E+00	0.00E+00	1.50E-01
South Dakota	Jerauld	46073	R	Nickel Compounds	1.87E-05	1.87E-05	1.87E-05	1.87E-05	1.87E-05	1.87E-05	1.87E-05	1.87E-05	0.00E+00	1.63E-05	8.72E-07	1.55E-06	0.00E+00
South Dakota	Jerauld	46073	R	Perchloroethylene	1.42E-01	1.42E-01	1.42E-01	1.42E-01	1.42E-01	1.42E-01	1.42E-01	1.42E-01	0.00E+00	2.30E-03	0.00E+00	0.00E+00	1.40E-01
South Dakota	Jerauld	46073	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
South Dakota	Jerauld	46073	R	Polycyclic Organic Matter	3.02E-03	3.02E-03	3.02E-03	3.02E-03	3.02E-03	3.02E-03	3.02E-03	3.02E-03	0.00E+00	3.01E-03	8.02E-06	9.92E-07	0.00E+00
South Dakota	Jerauld	46073	R	7-PAH	1.82E-04	1.82E-04	1.82E-04	1.82E-04	1.82E-04	1.82E-04	1.82E-04	1.82E-04	0.00E+00	1.78E-04	3.56E-06	3.80E-07	0.00E+00
South Dakota	Jerauld	46073	R	Propylene Dichloride	4.20E-07	4.20E-07	4.20E-07	4.23E-07	4.23E-07	4.26E-07	4.26E-07	4.26E-07	0.00E+00	4.23E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Jerauld	46073	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Jerauld	46073	R	1,1,2,2-Tetrachloroethane	3.68E-06	3.68E-06	3.68E-06	3.71E-06	3.71E-06	3.74E-06	3.74E-06	3.74E-06	0.00E+00	3.71E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Jerauld	46073	R	Trichloroethylene	8.27E-02	8.27E-02	8.27E-02	8.27E-02	8.27E-02	8.27E-02	8.27E-02	8.27E-02	0.00E+00	1.68E-03	0.00E+00	0.00E+00	8.10E-02
South Dakota	Jerauld	46073	R	Vinyl Chloride	9.07E-06	9.07E-06	9.07E-06	9.14E-06	9.14E-06	9.20E-06	9.20E-06	9.20E-06	0.00E+00	9.14E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Jones	46075	R	Acetaldehyde	3.21E-03	3.21E-03	3.21E-03	3.21E-03	3.21E-03	3.21E-03	3.21E-03	3.21E-03	0.00E+00	6.62E-04	1.59E-03	9.65E-04	0.00E+00
South Dakota	Jones	46075	R	Acrolein	8.19E-04	8.19E-04	8.19E-04	8.19E-04	8.19E-04	8.19E-04	8.19E-04	8.19E-04	0.00E+00	5.74E-04	1.97E-04	4.69E-05	0.00E+00
South Dakota	Jones	46075	R	Acrylonitrile	1.62E-07	1.62E-07	1.62E-07	1.62E-07	1.62E-07	1.62E-07	1.62E-07	1.62E-07	0.00E+00	1.62E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Jones	46075	R	Arsenic Compounds	3.45E-08	3.45E-08	3.45E-08	3.45E-08	3.45E-08	3.45E-08	3.45E-08	3.45E-08	0.00E+00	3.30E-08	1.44E-09	0.00E+00	0.00E+00
South Dakota	Jones	46075	R	Benzene	4.84E-01	4.84E-01	4.84E-01	4.84E-01	4.84E-01	4.84E-01	4.84E-01	4.84E-01	0.00E+00	1.16E-03	2.29E-03	4.43E-04	4.80E-01
South Dakota	Jones	46075	R	Beryllium Compounds	1.00E-08	1.00E-08	1.00E-08	1.00E-08	1.00E-08	1.00E-08	1.00E-08	1.00E-08	0.00E+00	1.00E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Jones	46075	R	1,3-Butadiene	3.92E-04	3.92E-04	3.92E-04	3.92E-04	3.92E-04	3.92E-04	3.92E-04	3.92E-04	0.00E+00	2.00E-04	1.55E-04	3.71E-05	0.00E+00
South Dakota	Jones	46075	R	Cadmium Compounds	1.51E-08	1.51E-08	1.51E-08	1.51E-08	1.51E-08	1.51E-08	1.51E-08	1.51E-08	0.00E+00	1.51E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Jones	46075	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	5.29E-07	0.00E+00	0.00E+00	8.80E-01
South Dakota	Jones	46075	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	0.00E+00	3.35E-06	0.00E+00	0.00E+00	8.30E-02
South Dakota	Jones	46075	R	Chromium Compounds	2.29E-07	2.29E-07	2.29E-07	2.29E-07	2.29E-07	2.29E-07	2.29E-07	2.29E-07	0.00E+00	3.79E-08	9.26E-08	9.88E-08	0.00E+00
South Dakota	Jones	46075	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Jones	46075	R	1,3-Dichloropropene	9.81E-05	9.81E-05	9.81E-05	9.81E-05	9.81E-05	9.81E-05	9.81E-05	9.81E-05	0.00E+00	9.81E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Jones	46075	R	Diesel Particulate Matter	9.26E-02	9.26E-02	9.26E-02	9.26E-02	9.26E-02	9.26E-02	9.26E-02	9.26E-02	0.00E+00	0.00E+00	1.42E-02	7.85E-02	***
South Dakota	Jones	46075	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.70E-03
South Dakota	Jones	46075	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	3.10E-08	0.00E+00	0.00E+00	6.10E-02
South Dakota	Jones	46075	R	Ethylene Oxide	9.32E-08	9.32E-08	9.32E-08	9.32E-08	9.32E-08	9.32E-08	9.32E-08	9.32E-08	0.00E+00	9.32E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Jones	46075	R	Formaldehyde	2.55E-01	2.55E-01	2.55E-01	2.55E-01	2.55E-01	2.55E-01	2.55E-01	2.55E-01	0.00E+00	2.67E-03	1.54E-03	1.12E-03	2.50E-01
South Dakota	Jones	46075	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	4.45E-08	0.00E+00	0.00E+00	9.30E-05
South Dakota	Jones	46075	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Jones	46075	R	Lead Compounds	3.86E-07	3.86E-07	3.86E-07	3.86E-07	3.86E-07	3.86E-07	3.86E-07	3.86E-07	0.00E+00	2.58E-07	1.28E-07	0.00E+00	0.00E+00
South Dakota	Jones	46075	R	Manganese Compounds	1.87E-06	1.87E-06	1.87E-06	1.87E-06	1.87E-06	1.87E-06	1.87E-06	1.87E-06	0.00E+00	1.73E-06	3.68E-08	1.10E-07	0.00E+00
South Dakota	Jones	46075	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	0.00E+00	2.77E-08	1.25E-09	2.82E-08	1.50E-03
South Dakota	Jones	46075	R	Methylene Chloride	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	0.00E+00	1.59E-04	0.00E+00	0.00E+00	1.50E-01
South Dakota	Jones	46075	R	Nickel Compounds	4.97E-07	4.97E-07	4.97E-07	4.97E-07	4.97E-07	4.97E-07	4.97E-07	4.97E-07	0.00E+00	3.78E-07	7.20E-08	4.70E-08	0.00E+00
South Dakota	Jones	46075	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	0.00E+00	2.90E-05	0.00E+00	0.00E+00	1.40E-01
South Dakota	Jones	46075	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
South Dakota	Jones	46075	R	Polycyclic Organic Matter	1.83E-04	1.83E-04	1.83E-04	1.83E-04	1.83E-04	1.83E-04	1.83E-04	1.83E-04	0.00E+00	1.82E-04	6.70E-07	1.36E-07	0.00E+00
South Dakota	Jones	46075	R	7-PAH	2.29E-05	2.29E-05	2.29E-05	2.29E-05	2.29E-05	2.29E-05	2.29E-05	2.29E-05	0.00E+00	2.25E-05	2.98E-07	6.80E-08	0.00E+00
South Dakota	Jones	46075	R	Propylene Dichloride	4.84E-09	4.84E-09	4.84E-09	4.84E-09	4.84E-09	4.84E-09	4.84E-09	4.84E-09	0.00E+00	4.84E-09	0.00E+00	0.00E+00	0.00E+00
South Dakota	Jones	46075	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Jones	46075	R	1,1,2,2-Tetrachloroethane	7.35E-10	7.35E-10	7.35E-10	7.35E-10	7.35E-10	7.35E-10	7.35E-10	7.35E-10	0.00E+00	7.35E-10	0.00E+00	0.00E+00	0.00E+00
South Dakota	Jones	46075	R	Trichloroethylene	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	0.00E+00	1.72E-05	0.00E+00	0.00E+00	8.10E-02

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration

Estimated Annual Average Ambient Concentrations (μg/m^3) for South Dakota

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Dakota	Jones	46075	R	Vinyl Chloride	2.82E-09	2.82E-09	2.82E-09	2.82E-09	2.82E-09	2.82E-09	2.82E-09	2.82E-09	0.00E+00	2.82E-09	0.00E+00	0.00E+00	0.00E+00
South Dakota	Kingsbury	46077	R	Acetaldehyde	1.45E-02	1.45E-02	1.45E-02	1.63E-02	1.63E-02	1.81E-02	1.81E-02	1.81E-02	0.00E+00	1.39E-03	9.23E-03	5.69E-03	0.00E+00
South Dakota	Kingsbury	46077	R	Acrolein	1.57E-03	1.57E-03	1.57E-03	1.76E-03	1.76E-03	1.95E-03	1.95E-03	1.95E-03	0.00E+00	1.88E-04	1.14E-03	4.29E-04	0.00E+00
South Dakota	Kingsbury	46077	R	Acrylonitrile	4.39E-06	4.39E-06	4.39E-06	7.81E-06	7.81E-06	1.12E-05	1.12E-05	1.12E-05	0.00E+00	7.81E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Kingsbury	46077	R	Arsenic Compounds	2.29E-07	2.29E-07	2.29E-07	2.73E-07	2.73E-07	3.17E-07	3.17E-07	3.17E-07	0.00E+00	2.63E-07	1.01E-08	0.00E+00	0.00E+00
South Dakota	Kingsbury	46077	R	Benzene	4.96E-01	4.96E-01	4.96E-01	4.98E-01	4.98E-01	5.00E-01	5.00E-01	5.00E-01	0.00E+00	1.15E-03	1.27E-02	4.13E-03	4.80E-01
South Dakota	Kingsbury	46077	R	Beryllium Compounds	6.16E-08	6.16E-08	6.16E-08	7.53E-08	7.53E-08	8.91E-08	8.91E-08	8.91E-08	0.00E+00	7.53E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Kingsbury	46077	R	1,3-Butadiene	1.06E-03	1.06E-03	1.06E-03	1.14E-03	1.14E-03	1.22E-03	1.22E-03	1.22E-03	0.00E+00	4.45E-05	8.21E-04	2.74E-04	0.00E+00
South Dakota	Kingsbury	46077	R	Cadmium Compounds	3.54E-07	3.54E-07	3.54E-07	3.61E-07	3.61E-07	3.67E-07	3.67E-07	3.67E-07	0.00E+00	3.61E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Kingsbury	46077	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	3.82E-06	0.00E+00	0.00E+00	8.80E-01
South Dakota	Kingsbury	46077	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	0.00E+00	2.34E-05	0.00E+00	0.00E+00	8.30E-02
South Dakota	Kingsbury	46077	R	Chromium Compounds	1.47E-06	1.47E-06	1.47E-06	1.83E-06	1.83E-06	2.18E-06	2.18E-06	2.18E-06	0.00E+00	4.92E-07	6.53E-07	6.82E-07	0.00E+00
South Dakota	Kingsbury	46077	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Kingsbury	46077	R	1,3-Dichloropropene	5.74E-04	5.74E-04	5.74E-04	6.94E-04	6.94E-04	8.14E-04	8.14E-04	8.14E-04	0.00E+00	6.94E-04	0.00E+00	0.00E+00	0.00E+00
South Dakota	Kingsbury	46077	R	Diesel Particulate Matter	2.79E-01	2.79E-01	2.79E-01	2.88E-01	2.88E-01	2.97E-01	2.97E-01	2.97E-01	0.00E+00	0.00E+00	4.97E-02	2.38E-01	***
South Dakota	Kingsbury	46077	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	3.72E-09	0.00E+00	0.00E+00	7.70E-03
South Dakota	Kingsbury	46077	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	1.20E-06	0.00E+00	0.00E+00	6.10E-02
South Dakota	Kingsbury	46077	R	Ethylene Oxide	6.36E-06	6.36E-06	6.36E-06	8.63E-06	8.63E-06	1.09E-05	1.09E-05	1.09E-05	0.00E+00	8.63E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Kingsbury	46077	R	Formaldehyde	2.66E-01	2.66E-01	2.66E-01	2.68E-01	2.68E-01	2.70E-01	2.70E-01	2.70E-01	2.53E-06	2.22E-03	8.86E-03	7.08E-03	2.50E-01
South Dakota	Kingsbury	46077	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	1.12E-07	0.00E+00	0.00E+00	9.30E-05
South Dakota	Kingsbury	46077	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Kingsbury	46077	R	Lead Compounds	2.07E-05	2.07E-05	2.07E-05	2.35E-05	2.35E-05	2.64E-05	2.64E-05	2.64E-05	0.00E+00	5.77E-06	8.94E-07	1.69E-05	0.00E+00
South Dakota	Kingsbury	46077	R	Manganese Compounds	2.49E-05	2.49E-05	2.49E-05	9.11E-05	9.11E-05	1.57E-04	1.57E-04	1.57E-04	0.00E+00	9.01E-05	2.55E-07	7.61E-07	0.00E+00
South Dakota	Kingsbury	46077	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	0.00E+00	3.13E-06	8.82E-09	1.98E-07	1.50E-03
South Dakota	Kingsbury	46077	R	Methylene Chloride	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	0.00E+00	1.26E-03	0.00E+00	0.00E+00	1.50E-01
South Dakota	Kingsbury	46077	R	Nickel Compounds	3.95E-06	3.95E-06	3.95E-06	4.48E-06	4.48E-06	5.01E-06	5.01E-06	5.01E-06	0.00E+00	3.66E-06	5.06E-07	3.16E-07	0.00E+00
South Dakota	Kingsbury	46077	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	0.00E+00	4.28E-04	0.00E+00	0.00E+00	1.40E-01
South Dakota	Kingsbury	46077	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
South Dakota	Kingsbury	46077	R	Polycyclic Organic Matter	6.46E-04	6.46E-04	6.46E-04	7.66E-04	7.66E-04	8.85E-04	8.85E-04	8.85E-04	0.00E+00	7.59E-04	4.77E-06	1.74E-06	0.00E+00
South Dakota	Kingsbury	46077	R	7-PAH	4.29E-05	4.29E-05	4.29E-05	4.98E-05	4.98E-05	5.66E-05	5.66E-05	5.66E-05	0.00E+00	4.69E-05	2.12E-06	7.83E-07	0.00E+00
South Dakota	Kingsbury	46077	R	Propylene Dichloride	2.31E-07	2.31E-07	2.31E-07	4.37E-07	4.37E-07	6.44E-07	6.44E-07	6.44E-07	0.00E+00	4.37E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Kingsbury	46077	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Kingsbury	46077	R	1,1,2,2-Tetrachloroethane	1.80E-06	1.80E-06	1.80E-06	3.69E-06	3.69E-06	5.58E-06	5.58E-06	5.58E-06	0.00E+00	3.69E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Kingsbury	46077	R	Trichloroethylene	8.11E-02	8.11E-02	8.11E-02	8.12E-02	8.12E-02	8.12E-02	8.12E-02	8.12E-02	0.00E+00	1.54E-04	0.00E+00	0.00E+00	8.10E-02
South Dakota	Kingsbury	46077	R	Vinyl Chloride	4.44E-06	4.44E-06	4.44E-06	9.10E-06	9.10E-06	1.38E-05	1.38E-05	1.38E-05	0.00E+00	9.10E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Lake	46079	U	Acetaldehyde	2.67E-02	2.67E-02	2.67E-02	3.98E-02	3.84E-02	4.88E-02	4.88E-02	4.88E-02	0.00E+00	4.12E-03	2.31E-02	1.12E-02	0.00E+00
South Dakota	Lake	46079	U	Acrolein	2.84E-03	2.84E-03	2.84E-03	4.56E-03	4.38E-03	5.75E-03	5.75E-03	5.75E-03	0.00E+00	6.38E-04	2.71E-03	1.03E-03	0.00E+00
South Dakota	Lake	46079	U	Acrylonitrile	3.50E-05	3.50E-05	3.50E-05	4.56E-05	4.54E-05	5.57E-05	5.57E-05	5.57E-05	0.00E+00	4.54E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Lake	46079	U	Arsenic Compounds	6.64E-07	6.64E-07	6.64E-07	8.46E-07	2.13E-06	4.87E-06	4.87E-06	4.87E-06	0.00E+00	2.09E-06	3.87E-08	0.00E+00	0.00E+00
South Dakota	Lake	46079	U	Benzene	5.06E-01	5.06E-01	5.06E-01	5.15E-01	5.29E-01	5.67E-01	5.67E-01	5.67E-01	0.00E+00	4.06E-03	3.35E-02	1.17E-02	4.80E-01
South Dakota	Lake	46079	U	Beryllium Compounds	1.74E-07	1.74E-07	1.74E-07	2.24E-07	5.85E-07	1.36E-06	1.36E-06	1.36E-06	0.00E+00	5.85E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Lake	46079	U	1,3-Butadiene	1.55E-03	1.55E-03	1.55E-03	1.91E-03	3.73E-03	7.72E-03	7.72E-03	7.72E-03	0.00E+00	9.43E-05	2.43E-03	1.21E-03	0.00E+00
South Dakota	Lake	46079	U	Cadmium Compounds	9.10E-07	9.10E-07	9.10E-07	1.66E-06	1.85E-06	2.99E-06	2.99E-06	2.99E-06	0.00E+00	1.85E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Lake	46079	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.33E-05	0.00E+00	0.00E+00	8.80E-01
South Dakota	Lake	46079	U	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	0.00E+00	8.35E-05	0.00E+00	0.00E+00	8.30E-02
South Dakota	Lake	46079	U	Chromium Compounds	4.20E-06	4.20E-06	4.20E-06	5.86E-06	7.56E-06	1.26E-05	1.26E-05	1.26E-05	0.00E+00	2.36E-06	2.53E-06	2.68E-06	0.00E+00
South Dakota	Lake	46079	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Lake	46079	U	1,3-Dichloropropene	1.52E-03	1.52E-03	1.52E-03	1.60E-03	4.84E-03	1.14E-02	1.14E-02	1.14E-02	0.00E+00	4.84E-03	0.00E+00	0.00E+00	0.00E+00
South Dakota	Lake	46079	U	Diesel Particulate Matter	3.35E-01	3.35E-01	3.35E-01	3.50E-01	3.90E-01	4.84E-01	4.84E-01	4.84E-01	0.00E+00	0.00E+00	6.73E-02	3.22E-01	***
South Dakota	Lake	46079	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	2.38E-08	0.00E+00	0.00E+00	7.70E-03
South Dakota	Lake	46079	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	6.61E-06	0.00E+00	0.00E+00	6.10E-02
South Dakota	Lake	46079	U	Ethylene Oxide	2.75E-05	2.75E-05	2.75E-05	7.00E-05	1.16E-04	2.51E-04	2.51E-04	2.51E-04	0.00E+00	1.16E-04	0.00E+00	0.00E+00	0.00E+00
South Dakota	Lake	46079	U	Formaldehyde	2.80E-01	2.80E-01	2.80E-01	2.94E-01	2.94E-01	3.08E-01	3.08E-01	3.08E-01	2.38E-06	5.44E-03	2.25E-02	1.61E-02	2.50E-01
South Dakota	Lake	46079	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.33E-05	9.33E-05	9.33E-05	0.00E+00	1.81E-07	0.00E+00	0.00E+00	9.30E-05
South Dakota	Lake	46079	U	Hydrazine	7.15E-12	7.15E-12	7.15E-12	1.72E-11	3.22E-11	7.24E-11	7.24E-11	7.24E-11	0.00E+00	3.22E-11	0.00E+00	0.00E+00	0.00E+00

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration

Estimated Annual Average Ambient Concentrations (μg/m^3) for South Dakota

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Dakota	Lake	46079	U	Lead Compounds	2.07E-05	2.07E-05	2.07E-05	5.10E-05	5.06E-05	8.00E-05	8.00E-05	8.00E-05	0.00E+00	3.47E-05	3.54E-06	1.23E-05	0.00E+00
South Dakota	Lake	46079	U	Manganese Compounds	2.60E-03	2.60E-03	2.60E-03	3.18E-03	1.01E-02	2.45E-02	2.45E-02	2.45E-02	0.00E+00	1.01E-02	1.02E-06	3.12E-06	0.00E+00
South Dakota	Lake	46079	U	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.51E-03	1.52E-03	1.52E-03	1.52E-03	0.00E+00	1.29E-05	3.45E-08	7.56E-07	1.50E-03
South Dakota	Lake	46079	U	Methylene Chloride	1.53E-01	1.53E-01	1.53E-01	1.54E-01	1.60E-01	1.72E-01	1.72E-01	1.72E-01	0.00E+00	9.57E-03	0.00E+00	0.00E+00	1.50E-01
South Dakota	Lake	46079	U	Nickel Compounds	1.30E-05	1.30E-05	1.30E-05	1.74E-05	3.95E-05	8.82E-05	8.82E-05	8.82E-05	0.00E+00	3.62E-05	1.95E-06	1.36E-06	0.00E+00
South Dakota	Lake	46079	U	Perchloroethylene	1.42E-01	1.42E-01	1.42E-01	1.42E-01	1.45E-01	1.52E-01	1.52E-01	1.52E-01	0.00E+00	5.28E-03	0.00E+00	0.00E+00	1.40E-01
South Dakota	Lake	46079	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
South Dakota	Lake	46079	U	Polycyclic Organic Matter	1.53E-03	1.53E-03	1.53E-03	1.78E-03	4.55E-03	1.03E-02	1.03E-02	1.03E-02	0.00E+00	4.52E-03	1.80E-05	3.60E-06	0.00E+00
South Dakota	Lake	46079	U	7-PAH	9.81E-05	9.81E-05	9.81E-05	1.24E-04	2.75E-04	6.01E-04	6.01E-04	6.01E-04	0.00E+00	2.65E-04	7.99E-06	1.72E-06	0.00E+00
South Dakota	Lake	46079	U	Propylene Dichloride	2.04E-06	2.04E-06	2.04E-06	2.66E-06	2.66E-06	3.27E-06	3.27E-06	3.27E-06	0.00E+00	2.66E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Lake	46079	U	Quinoline	1.30E-10	1.30E-10	1.30E-10	2.84E-10	4.66E-10	9.85E-10	9.85E-10	9.85E-10	0.00E+00	4.66E-10	0.00E+00	0.00E+00	0.00E+00
South Dakota	Lake	46079	U	1,1,2,2-Tetrachloroethane	1.79E-05	1.79E-05	1.79E-05	2.33E-05	2.32E-05	2.84E-05	2.84E-05	2.84E-05	0.00E+00	2.32E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Lake	46079	U	Trichloroethylene	8.14E-02	8.14E-02	8.14E-02	8.18E-02	8.25E-02	8.42E-02	8.42E-02	8.42E-02	0.00E+00	1.46E-03	0.00E+00	0.00E+00	8.10E-02
South Dakota	Lake	46079	U	Vinyl Chloride	4.41E-05	4.41E-05	4.41E-05	5.73E-05	5.71E-05	7.00E-05	7.00E-05	7.00E-05	0.00E+00	5.71E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Lawrence	46081	U	Acetaldehyde	6.12E-02	6.12E-02	7.97E-02	1.16E-01	1.26E-01	1.77E-01	1.96E-01	1.96E-01	9.98E-07	7.21E-02	3.03E-02	2.35E-02	0.00E+00
South Dakota	Lawrence	46081	U	Acrolein	3.03E-02	3.03E-02	4.51E-02	6.07E-02	7.48E-02	1.06E-01	1.32E-01	1.32E-01	5.08E-07	6.20E-02	3.67E-03	9.10E-03	0.00E+00
South Dakota	Lawrence	46081	U	Acrylonitrile	1.39E-05	1.39E-05	1.48E-05	2.27E-05	2.02E-05	2.30E-05	2.66E-05	2.66E-05	0.00E+00	2.02E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Lawrence	46081	U	Arsenic Compounds	3.29E-06	3.29E-06	4.08E-06	5.99E-06	1.59E-05	1.56E-05	5.07E-05	5.07E-05	8.15E-07	1.50E-05	6.86E-08	0.00E+00	0.00E+00
South Dakota	Lawrence	46081	U	Benzene	6.87E-01	6.87E-01	7.31E-01	7.54E-01	9.40E-01	1.13E+00	1.40E+00	1.40E+00	2.93E-06	1.30E-01	5.62E-02	2.74E-01	4.80E-01
South Dakota	Lawrence	46081	U	Beryllium Compounds	3.27E-07	3.27E-07	3.37E-07	6.04E-07	1.23E-06	1.06E-06	3.84E-06	3.84E-06	4.29E-08	1.19E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Lawrence	46081	U	1,3-Butadiene	1.83E-02	1.83E-02	2.41E-02	2.68E-02	6.14E-02	9.62E-02	1.42E-01	1.42E-01	0.00E+00	3.09E-02	4.94E-03	2.56E-02	0.00E+00
South Dakota	Lawrence	46081	U	Cadmium Compounds	1.19E-06	1.19E-06	1.58E-06	2.04E-06	5.02E-06	5.13E-06	1.52E-05	1.52E-05	1.07E-07	4.92E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Lawrence	46081	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.45E-05	0.00E+00	0.00E+00	8.80E-01
South Dakota	Lawrence	46081	U	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.32E-02	8.32E-02	0.00E+00	1.08E-04	0.00E+00	0.00E+00	8.30E-02
South Dakota	Lawrence	46081	U	Chromium Compounds	8.46E-06	8.46E-06	1.02E-05	1.39E-05	3.30E-05	3.46E-05	9.79E-05	9.79E-05	5.36E-07	2.50E-05	4.65E-06	2.82E-06	0.00E+00
South Dakota	Lawrence	46081	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Lawrence	46081	U	1,3-Dichloropropene	2.32E-03	2.32E-03	2.74E-03	5.00E-03	9.28E-03	6.47E-03	2.99E-02	2.99E-02	0.00E+00	9.28E-03	0.00E+00	0.00E+00	0.00E+00
South Dakota	Lawrence	46081	U	Diesel Particulate Matter	9.94E-02	9.94E-02	1.01E-01	1.06E-01	1.42E-01	1.63E-01	2.39E-01	2.39E-01	0.00E+00	0.00E+00	5.01E-02	9.15E-02	***
South Dakota	Lawrence	46081	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	3.05E-08	0.00E+00	0.00E+00	7.70E-03
South Dakota	Lawrence	46081	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	9.02E-08	3.95E-06	0.00E+00	0.00E+00	6.10E-02
South Dakota	Lawrence	46081	U	Ethylene Oxide	2.81E-05	2.81E-05	5.36E-05	6.98E-05	1.82E-04	2.02E-04	5.56E-04	5.56E-04	0.00E+00	1.82E-04	0.00E+00	0.00E+00	0.00E+00
South Dakota	Lawrence	46081	U	Formaldehyde	3.88E-01	3.88E-01	4.54E-01	5.36E-01	6.36E-01	8.77E-01	9.27E-01	9.27E-01	1.02E-03	3.04E-01	3.25E-02	4.85E-02	2.50E-01
South Dakota	Lawrence	46081	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.30E-05	9.31E-05	9.31E-05	0.00E+00	5.20E-08	0.00E+00	0.00E+00	9.30E-05
South Dakota	Lawrence	46081	U	Hydrazine	4.23E-10	4.23E-10	9.17E-10	1.98E-09	9.38E-09	8.65E-09	3.49E-08	3.49E-08	0.00E+00	9.38E-09	0.00E+00	0.00E+00	0.00E+00
South Dakota	Lawrence	46081	U	Lead Compounds	2.10E-05	2.10E-05	2.67E-05	3.71E-05	9.87E-05	1.04E-04	3.05E-04	3.05E-04	8.73E-07	9.12E-05	6.57E-06	0.00E+00	0.00E+00
South Dakota	Lawrence	46081	U	Manganese Compounds	2.64E-04	2.64E-04	3.05E-04	5.91E-04	1.79E-03	1.79E-03	6.02E-03	6.02E-03	9.99E-07	1.79E-03	1.90E-06	3.53E-06	0.00E+00
South Dakota	Lawrence	46081	U	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.95E-07	9.75E-06	6.23E-08	7.47E-07	1.50E-03
South Dakota	Lawrence	46081	U	Methylene Chloride	1.54E-01	1.54E-01	1.55E-01	1.58E-01	1.70E-01	1.69E-01	2.13E-01	2.13E-01	6.10E-07	1.96E-02	0.00E+00	0.00E+00	1.50E-01
South Dakota	Lawrence	46081	U	Nickel Compounds	1.09E-05	1.09E-05	1.38E-05	2.07E-05	5.66E-05	6.01E-05	1.77E-04	1.77E-04	5.56E-07	5.08E-05	3.58E-06	1.65E-06	0.00E+00
South Dakota	Lawrence	46081	U	Perchloroethylene	1.42E-01	1.42E-01	1.42E-01	1.45E-01	1.50E-01	1.49E-01	1.74E-01	1.74E-01	9.04E-08	1.03E-02	0.00E+00	0.00E+00	1.40E-01
South Dakota	Lawrence	46081	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
South Dakota	Lawrence	46081	U	Polycyclic Organic Matter	6.00E-03	6.00E-03	9.95E-03	1.00E-02	1.89E-02	2.59E-02	4.26E-02	4.26E-02	4.27E-08	1.88E-02	3.29E-05	1.19E-04	0.00E+00
South Dakota	Lawrence	46081	U	7-PAH	8.07E-04	8.07E-04	1.27E-03	1.56E-03	2.47E-03	4.12E-03	4.57E-03	4.57E-03	8.69E-10	2.39E-03	1.46E-05	6.17E-05	0.00E+00
South Dakota	Lawrence	46081	U	Propylene Dichloride	7.06E-07	7.06E-07	8.70E-07	1.32E-06	1.28E-06	1.38E-06	2.10E-06	2.10E-06	0.00E+00	1.28E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Lawrence	46081	U	Quinoline	4.88E-09	4.88E-09	5.29E-09	9.34E-09	2.76E-08	2.82E-08	9.02E-08	9.02E-08	0.00E+00	2.76E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Lawrence	46081	U	1,1,2,2-Tetrachloroethane	3.85E-06	3.85E-06	4.60E-06	1.09E-05	8.36E-06	1.12E-05	1.12E-05	1.12E-05	0.00E+00	8.36E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Lawrence	46081	U	Trichloroethylene	8.15E-02	8.15E-02	8.18E-02	8.21E-02	8.46E-02	8.48E-02	9.26E-02	9.26E-02	0.00E+00	3.58E-03	0.00E+00	0.00E+00	8.10E-02
South Dakota	Lawrence	46081	U	Vinyl Chloride	1.03E-05	1.03E-05	1.15E-05	2.71E-05	2.14E-05	2.78E-05	3.02E-05	3.02E-05	0.00E+00	2.14E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Lincoln	46083	R	Acetaldehyde	5.67E-02	5.67E-02	5.73E-02	6.68E-02	7.76E-02	9.79E-02	1.20E-01	1.20E-01	0.00E+00	4.68E-03	5.29E-02	2.00E-02	0.00E+00
South Dakota	Lincoln	46083	R	Acrolein	6.68E-03	6.68E-03	6.86E-03	7.68E-03	8.86E-03	1.09E-02	1.34E-02	1.34E-02	0.00E+00	9.80E-04	5.86E-03	2.02E-03	0.00E+00
South Dakota	Lincoln	46083	R	Acrylonitrile	1.87E-05	1.87E-05	2.12E-05	2.53E-05	2.74E-05	3.36E-05	4.02E-05	4.02E-05	0.00E+00	2.74E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Lincoln	46083	R	Arsenic Compounds	1.11E-06	1.11E-06	1.50E-06	2.23E-06	2.41E-06	3.33E-06	4.07E-06	4.07E-06	0.00E+00	2.36E-06	4.85E-08	2.00E-10	0.00E+00
South Dakota	Lincoln	46083	R	Benzene	5.40E-01	5.40E-01	5.46E-01	5.53E-01	5.60E-01	5.74E-01	5.94E-01	5.94E-01	0.00E+00	7.42E-03	6.23E-02	1.03E-02	4.80E-01
South Dakota	Lincoln	46083	R	Beryllium Compounds	3.07E-07	3.07E-07	4.33E-07	6.17E-07	6.85E-07	9.37E-07	1.20E-06	1.20E-06	0.00E+00	6.85E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Lincoln	46083	R	1,3-Butadiene	3.40E-03	3.40E-03	3.72E-03	4.27E-03	4.64E-03	5.56E-03	6.64E-03	6.64E-03	0.00E+00	1.60E-04	3.70E-03	7.87E-04	0.00E+00

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration

Estimated Annual Average Ambient Concentrations (µg/m^3) for South Dakota

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Dakota	Lincoln	46083	R	Cadmium Compounds	1.26E-06	1.26E-06	1.51E-06	1.91E-06	2.14E-06	2.76E-06	3.47E-06	3.47E-06	0.00E+00	2.14E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Lincoln	46083	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.99E-05	0.00E+00	0.00E+00	8.80E-01
South Dakota	Lincoln	46083	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.32E-02	8.32E-02	0.00E+00	1.24E-04	0.00E+00	0.00E+00	8.30E-02
South Dakota	Lincoln	46083	R	Chromium Compounds	7.07E-06	7.07E-06	8.18E-06	9.62E-06	1.01E-05	1.19E-05	1.39E-05	1.39E-05	0.00E+00	2.94E-06	3.14E-06	3.97E-06	0.00E+00
South Dakota	Lincoln	46083	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Lincoln	46083	R	1,3-Dichloropropene	2.64E-03	2.64E-03	3.68E-03	4.95E-03	5.49E-03	7.30E-03	9.43E-03	9.43E-03	0.00E+00	5.49E-03	0.00E+00	0.00E+00	0.00E+00
South Dakota	Lincoln	46083	R	Diesel Particulate Matter	4.30E-01	4.30E-01	4.31E-01	4.46E-01	4.46E-01	4.61E-01	4.62E-01	4.62E-01	0.00E+00	0.00E+00	9.95E-02	3.47E-01	***
South Dakota	Lincoln	46083	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	2.34E-08	0.00E+00	0.00E+00	7.70E-03
South Dakota	Lincoln	46083	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	6.01E-06	0.00E+00	0.00E+00	6.10E-02
South Dakota	Lincoln	46083	R	Ethylene Oxide	6.41E-05	6.41E-05	9.46E-05	1.39E-04	1.69E-04	2.43E-04	3.33E-04	3.33E-04	0.00E+00	1.69E-04	0.00E+00	0.00E+00	0.00E+00
South Dakota	Lincoln	46083	R	Formaldehyde	3.15E-01	3.15E-01	3.16E-01	3.24E-01	3.31E-01	3.46E-01	3.62E-01	3.62E-01	0.00E+00	7.02E-03	4.53E-02	2.87E-02	2.50E-01
South Dakota	Lincoln	46083	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.32E-05	0.00E+00	1.39E-07	0.00E+00	0.00E+00	9.30E-05
South Dakota	Lincoln	46083	R	Hydrazine	3.67E-10	3.67E-10	4.88E-10	8.45E-10	2.47E-09	4.46E-09	7.84E-09	7.84E-09	0.00E+00	2.47E-09	0.00E+00	0.00E+00	0.00E+00
South Dakota	Lincoln	46083	R	Lead Compounds	7.20E-05	7.20E-05	8.54E-05	1.26E-04	1.78E-04	2.70E-04	3.87E-04	3.87E-04	0.00E+00	3.77E-05	4.34E-06	1.36E-04	0.00E+00
South Dakota	Lincoln	46083	R	Manganese Compounds	4.72E-05	4.72E-05	6.65E-05	8.87E-05	9.99E-05	1.33E-04	1.75E-04	1.75E-04	0.00E+00	9.42E-05	1.25E-06	4.48E-06	0.00E+00
South Dakota	Lincoln	46083	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.52E-03	1.52E-03	0.00E+00	1.48E-05	4.24E-08	1.14E-06	1.50E-03
South Dakota	Lincoln	46083	R	Methylene Chloride	1.55E-01	1.55E-01	1.56E-01	1.62E-01	1.61E-01	1.66E-01	1.67E-01	1.67E-01	0.00E+00	1.13E-02	0.00E+00	0.00E+00	1.50E-01
South Dakota	Lincoln	46083	R	Nickel Compounds	1.99E-05	1.99E-05	2.34E-05	4.36E-05	4.20E-05	6.06E-05	6.08E-05	6.08E-05	0.00E+00	3.76E-05	2.44E-06	1.90E-06	0.00E+00
South Dakota	Lincoln	46083	R	Perchloroethylene	1.42E-01	1.42E-01	1.43E-01	1.44E-01	1.44E-01	1.46E-01	1.48E-01	1.48E-01	0.00E+00	4.35E-03	0.00E+00	0.00E+00	1.40E-01
South Dakota	Lincoln	46083	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
South Dakota	Lincoln	46083	R	Polycyclic Organic Matter	3.02E-03	3.02E-03	4.02E-03	5.51E-03	5.96E-03	7.90E-03	9.79E-03	9.79E-03	0.00E+00	5.93E-03	2.27E-05	4.49E-06	0.00E+00
South Dakota	Lincoln	46083	R	7-PAH	1.90E-04	1.90E-04	2.47E-04	3.18E-04	3.52E-04	4.58E-04	5.84E-04	5.84E-04	0.00E+00	3.41E-04	1.01E-05	1.43E-06	0.00E+00
South Dakota	Lincoln	46083	R	Propylene Dichloride	1.20E-06	1.20E-06	1.27E-06	1.43E-06	1.61E-06	1.95E-06	2.37E-06	2.37E-06	0.00E+00	1.61E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Lincoln	46083	R	Quinoline	6.29E-09	6.29E-09	7.59E-09	9.33E-09	1.30E-08	1.85E-08	2.72E-08	2.72E-08	0.00E+00	1.30E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Lincoln	46083	R	1,1,2,2-Tetrachloroethane	7.51E-06	7.51E-06	8.64E-06	1.08E-05	1.19E-05	1.52E-05	1.87E-05	1.87E-05	0.00E+00	1.19E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Lincoln	46083	R	Trichloroethylene	8.17E-02	8.17E-02	8.21E-02	8.29E-02	8.29E-02	8.38E-02	8.42E-02	8.42E-02	0.00E+00	1.91E-03	0.00E+00	0.00E+00	8.10E-02
South Dakota	Lincoln	46083	R	Vinyl Chloride	2.09E-05	2.09E-05	2.26E-05	2.68E-05	3.09E-05	3.92E-05	4.92E-05	4.92E-05	0.00E+00	3.09E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Lyman	46085	R	Acetaldehyde	6.66E-03	6.66E-03	6.66E-03	6.66E-03	6.66E-03	6.66E-03	6.66E-03	6.66E-03	0.00E+00	8.31E-04	2.83E-03	3.00E-03	0.00E+00
South Dakota	Lyman	46085	R	Acrolein	8.87E-04	8.87E-04	8.87E-04	8.87E-04	8.87E-04	8.87E-04	8.87E-04	8.87E-04	0.00E+00	3.46E-04	3.56E-04	1.85E-04	0.00E+00
South Dakota	Lyman	46085	R	Acrylonitrile	2.87E-07	2.87E-07	2.87E-07	2.87E-07	2.87E-07	2.87E-07	2.87E-07	2.87E-07	0.00E+00	2.87E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Lyman	46085	R	Arsenic Compounds	7.19E-08	7.19E-08	7.19E-08	7.19E-08	7.19E-08	7.19E-08	7.19E-08	7.19E-08	0.00E+00	6.92E-08	2.78E-09	0.00E+00	0.00E+00
South Dakota	Lyman	46085	R	Benzene	4.88E-01	4.88E-01	4.88E-01	4.88E-01	4.88E-01	4.88E-01	4.88E-01	4.88E-01	0.00E+00	6.16E-04	4.00E-03	3.32E-03	4.80E-01
South Dakota	Lyman	46085	R	Beryllium Compounds	2.27E-08	2.27E-08	2.27E-08	2.27E-08	2.27E-08	2.27E-08	2.27E-08	2.27E-08	0.00E+00	2.27E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Lyman	46085	R	1,3-Butadiene	5.33E-04	5.33E-04	5.33E-04	5.33E-04	5.33E-04	5.33E-04	5.33E-04	5.33E-04	0.00E+00	8.77E-05	2.59E-04	1.86E-04	0.00E+00
South Dakota	Lyman	46085	R	Cadmium Compounds	3.46E-08	3.46E-08	3.46E-08	3.46E-08	3.46E-08	3.46E-08	3.46E-08	3.46E-08	0.00E+00	3.46E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Lyman	46085	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	9.38E-07	0.00E+00	0.00E+00	8.80E-01
South Dakota	Lyman	46085	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	0.00E+00	6.27E-06	0.00E+00	0.00E+00	8.30E-02
South Dakota	Lyman	46085	R	Chromium Compounds	4.64E-07	4.64E-07	4.64E-07	4.64E-07	4.64E-07	4.64E-07	4.64E-07	4.64E-07	0.00E+00	8.38E-08	1.79E-07	2.01E-07	0.00E+00
South Dakota	Lyman	46085	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Lyman	46085	R	1,3-Dichloropropene	2.22E-04	2.22E-04	2.22E-04	2.22E-04	2.22E-04	2.22E-04	2.22E-04	2.22E-04	0.00E+00	2.22E-04	0.00E+00	0.00E+00	0.00E+00
South Dakota	Lyman	46085	R	Diesel Particulate Matter	1.34E-01	1.34E-01	1.34E-01	1.34E-01	1.34E-01	1.34E-01	1.34E-01	1.34E-01	0.00E+00	0.00E+00	1.96E-02	1.15E-01	***
South Dakota	Lyman	46085	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.70E-03
South Dakota	Lyman	46085	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	8.13E-09	0.00E+00	0.00E+00	6.10E-02
South Dakota	Lyman	46085	R	Ethylene Oxide	3.30E-06	3.30E-06	3.30E-06	3.30E-06	3.30E-06	3.30E-06	3.30E-06	3.30E-06	0.00E+00	3.30E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Lyman	46085	R	Formaldehyde	2.58E-01	2.58E-01	2.58E-01	2.58E-01	2.58E-01	2.58E-01	2.58E-01	2.58E-01	0.00E+00	2.04E-03	2.73E-03	2.92E-03	2.50E-01
South Dakota	Lyman	46085	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	5.60E-08	0.00E+00	0.00E+00	9.30E-05
South Dakota	Lyman	46085	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Lyman	46085	R	Lead Compounds	9.15E-07	9.15E-07	9.15E-07	9.15E-07	9.15E-07	9.15E-07	9.15E-07	9.15E-07	0.00E+00	6.68E-07	2.47E-07	0.00E+00	0.00E+00
South Dakota	Lyman	46085	R	Manganese Compounds	4.06E-06	4.06E-06	4.06E-06	4.06E-06	4.06E-06	4.06E-06	4.06E-06	4.06E-06	0.00E+00	3.77E-06	7.13E-08	2.22E-07	0.00E+00
South Dakota	Lyman	46085	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	0.00E+00	8.62E-08	2.42E-09	5.78E-08	1.50E-03
South Dakota	Lyman	46085	R	Methylene Chloride	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	0.00E+00	4.24E-04	0.00E+00	0.00E+00	1.50E-01
South Dakota	Lyman	46085	R	Nickel Compounds	6.52E-07	6.52E-07	6.52E-07	6.52E-07	6.52E-07	6.52E-07	6.52E-07	6.52E-07	0.00E+00	4.20E-07	1.39E-07	9.39E-08	0.00E+00
South Dakota	Lyman	46085	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	0.00E+00	1.36E-04	0.00E+00	0.00E+00	1.40E-01
South Dakota	Lyman	46085	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
South Dakota	Lyman	46085	R	Polycyclic Organic Matter	2.70E-04	2.70E-04	2.70E-04	2.70E-04	2.70E-04	2.70E-04	2.70E-04	2.70E-04	0.00E+00	2.67E-04	1.29E-06	1.51E-06	0.00E+00

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration

Estimated Annual Average Ambient Concentrations (µg/m^3) for South Dakota																		
					Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
State	County	FIPS	Urban or Rural	Pollutant	5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Dakota	Lyman	46085	R	7-PAH	2.42E-05	2.42E-05	2.42E-05	2.42E-05	2.42E-05	2.42E-05	2.42E-05	2.42E-05	0.00E+00	2.28E-05	5.74E-07	7.79E-07	0.00E+00
South Dakota	Lyman	46085	R	Propylene Dichloride	8.57E-09	8.57E-09	8.57E-09	8.57E-09	8.57E-09	8.57E-09	8.57E-09	8.57E-09	0.00E+00	8.57E-09	0.00E+00	0.00E+00	0.00E+00
South Dakota	Lyman	46085	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Lyman	46085	R	1,1,2,2-Tetrachloroethane	1.30E-09	1.30E-09	1.30E-09	1.30E-09	1.30E-09	1.30E-09	1.30E-09	1.30E-09	0.00E+00	1.30E-09	0.00E+00	0.00E+00	0.00E+00
South Dakota	Lyman	46085	R	Trichloroethylene	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	0.00E+00	4.68E-05	0.00E+00	0.00E+00	8.10E-02
South Dakota	Lyman	46085	R	Vinyl Chloride	4.99E-09	4.99E-09	4.99E-09	4.99E-09	4.99E-09	4.99E-09	4.99E-09	4.99E-09	0.00E+00	4.99E-09	0.00E+00	0.00E+00	0.00E+00
South Dakota	McCook	46087	R	Acetaldehyde	3.08E-02	3.08E-02	3.08E-02	3.15E-02	3.15E-02	3.23E-02	3.23E-02	3.23E-02	0.00E+00	2.53E-03	2.05E-02	8.46E-03	0.00E+00
South Dakota	McCook	46087	R	Acrolein	3.41E-03	3.41E-03	3.41E-03	3.57E-03	3.57E-03	3.73E-03	3.73E-03	3.73E-03	0.00E+00	5.67E-04	2.37E-03	6.31E-04	0.00E+00
South Dakota	McCook	46087	R	Acrylonitrile	1.39E-05	1.39E-05	1.39E-05	1.70E-05	1.70E-05	2.01E-05	2.01E-05	2.01E-05	0.00E+00	1.70E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	McCook	46087	R	Arsenic Compounds	5.34E-07	5.34E-07	5.34E-07	5.48E-07	5.48E-07	5.61E-07	5.61E-07	5.61E-07	0.00E+00	5.32E-07	1.62E-08	0.00E+00	0.00E+00
South Dakota	McCook	46087	R	Benzene	5.10E-01	5.10E-01	5.10E-01	5.11E-01	5.11E-01	5.12E-01	5.12E-01	5.12E-01	0.00E+00	2.24E-03	2.47E-02	3.98E-03	4.80E-01
South Dakota	McCook	46087	R	Beryllium Compounds	1.46E-07	1.46E-07	1.46E-07	1.56E-07	1.56E-07	1.66E-07	1.66E-07	1.66E-07	0.00E+00	1.56E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	McCook	46087	R	1,3-Butadiene	1.85E-03	1.85E-03	1.85E-03	1.88E-03	1.88E-03	1.90E-03	1.90E-03	1.90E-03	0.00E+00	1.72E-04	1.43E-03	2.76E-04	0.00E+00
South Dakota	McCook	46087	R	Cadmium Compounds	9.48E-07	9.48E-07	9.48E-07	9.82E-07	9.82E-07	1.02E-06	1.02E-06	1.02E-06	0.00E+00	9.82E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	McCook	46087	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.01E-05	0.00E+00	0.00E+00	8.80E-01
South Dakota	McCook	46087	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	0.00E+00	5.87E-05	0.00E+00	0.00E+00	8.30E-02
South Dakota	McCook	46087	R	Chromium Compounds	3.37E-06	3.37E-06	3.37E-06	3.46E-06	3.46E-06	3.55E-06	3.55E-06	3.55E-06	0.00E+00	6.35E-07	1.03E-06	1.79E-06	0.00E+00
South Dakota	McCook	46087	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	McCook	46087	R	1,3-Dichloropropene	1.05E-03	1.05E-03	1.05E-03	1.10E-03	1.10E-03	1.14E-03	1.14E-03	1.14E-03	0.00E+00	1.10E-03	0.00E+00	0.00E+00	0.00E+00
South Dakota	McCook	46087	R	Diesel Particulate Matter	3.40E-01	3.40E-01	3.40E-01	3.48E-01	3.48E-01	3.57E-01	3.57E-01	3.57E-01	0.00E+00	0.00E+00	6.69E-02	2.82E-01	***
South Dakota	McCook	46087	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	8.90E-09	0.00E+00	0.00E+00	7.70E-03
South Dakota	McCook	46087	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	2.31E-06	0.00E+00	0.00E+00	6.10E-02
South Dakota	McCook	46087	R	Ethylene Oxide	3.89E-05	3.89E-05	3.89E-05	5.05E-05	5.05E-05	6.20E-05	6.20E-05	6.20E-05	0.00E+00	5.05E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	McCook	46087	R	Formaldehyde	2.85E-01	2.85E-01	2.85E-01	2.86E-01	2.86E-01	2.87E-01	2.87E-01	2.87E-01	0.00E+00	4.83E-03	1.88E-02	1.22E-02	2.50E-01
South Dakota	McCook	46087	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	1.40E-07	0.00E+00	0.00E+00	9.30E-05
South Dakota	McCook	46087	R	Hydrazine	4.10E-11	4.10E-11	4.10E-11	5.67E-11	5.67E-11	7.24E-11	7.24E-11	7.24E-11	0.00E+00	5.67E-11	0.00E+00	0.00E+00	0.00E+00
South Dakota	McCook	46087	R	Lead Compounds	1.58E-05	1.58E-05	1.58E-05	1.65E-05	1.65E-05	1.73E-05	1.73E-05	1.73E-05	0.00E+00	1.51E-05	1.42E-06	0.00E+00	0.00E+00
South Dakota	McCook	46087	R	Manganese Compounds	1.89E-05	1.89E-05	1.89E-05	2.10E-04	2.10E-04	4.00E-04	4.00E-04	4.00E-04	0.00E+00	2.07E-04	4.06E-07	1.94E-06	0.00E+00
South Dakota	McCook	46087	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	0.00E+00	9.64E-06	1.39E-08	5.32E-07	1.50E-03
South Dakota	McCook	46087	R	Methylene Chloride	1.52E-01	1.52E-01	1.52E-01	1.53E-01	1.53E-01	1.53E-01	1.53E-01	1.53E-01	0.00E+00	2.59E-03	0.00E+00	0.00E+00	1.50E-01
South Dakota	McCook	46087	R	Nickel Compounds	8.84E-06	8.84E-06	8.84E-06	9.39E-06	9.39E-06	9.94E-06	9.94E-06	9.94E-06	0.00E+00	7.80E-06	8.03E-07	7.81E-07	0.00E+00
South Dakota	McCook	46087	R	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	0.00E+00	8.12E-04	0.00E+00	0.00E+00	1.40E-01
South Dakota	McCook	46087	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
South Dakota	McCook	46087	R	Polycyclic Organic Matter	1.19E-03	1.19E-03	1.19E-03	1.25E-03	1.25E-03	1.31E-03	1.31E-03	1.31E-03	0.00E+00	1.24E-03	7.53E-06	1.26E-06	0.00E+00
South Dakota	McCook	46087	R	7-PAH	8.19E-05	8.19E-05	8.19E-05	8.67E-05	8.67E-05	9.15E-05	9.15E-05	9.15E-05	0.00E+00	8.28E-05	3.34E-06	5.99E-07	0.00E+00
South Dakota	McCook	46087	R	Propylene Dichloride	7.81E-07	7.81E-07	7.81E-07	9.69E-07	9.69E-07	1.16E-06	1.16E-06	1.16E-06	0.00E+00	9.69E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	McCook	46087	R	Quinoline	7.80E-10	7.80E-10	7.80E-10	1.04E-09	1.04E-09	1.31E-09	1.31E-09	1.31E-09	0.00E+00	1.04E-09	0.00E+00	0.00E+00	0.00E+00
South Dakota	McCook	46087	R	1,1,2,2-Tetrachloroethane	6.21E-06	6.21E-06	6.21E-06	7.91E-06	7.91E-06	9.62E-06	9.62E-06	9.62E-06	0.00E+00	7.91E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	McCook	46087	R	Trichloroethylene	8.14E-02	8.14E-02	8.14E-02	8.15E-02	8.15E-02	8.15E-02	8.15E-02	8.15E-02	0.00E+00	4.56E-04	0.00E+00	0.00E+00	8.10E-02
South Dakota	McCook	46087	R	Vinyl Chloride	1.54E-05	1.54E-05	1.54E-05	1.95E-05	1.95E-05	2.37E-05	2.37E-05	2.37E-05	0.00E+00	1.95E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	McPherson	46089	R	Acetaldehyde	9.37E-03	9.37E-03	9.37E-03	9.37E-03	9.37E-03	9.37E-03	9.37E-03	9.37E-03	0.00E+00	1.38E-03	4.63E-03	3.37E-03	0.00E+00
South Dakota	McPherson	46089	R	Acrolein	1.12E-03	1.12E-03	1.12E-03	1.12E-03	1.12E-03	1.12E-03	1.12E-03	1.12E-03	0.00E+00	3.85E-04	5.67E-04	1.71E-04	0.00E+00
South Dakota	McPherson	46089	R	Acrylonitrile	1.27E-05	1.27E-05	1.27E-05	1.27E-05	1.27E-05	1.27E-05	1.27E-05	1.27E-05	0.00E+00	1.27E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	McPherson	46089	R	Arsenic Compounds	8.74E-08	8.74E-08	8.74E-08	8.74E-08	8.74E-08	8.74E-08	8.74E-08	8.74E-08	0.00E+00	8.37E-08	3.59E-09	9.63E-11	0.00E+00
South Dakota	McPherson	46089	R	Benzene	4.89E-01	4.89E-01	4.89E-01	4.89E-01	4.89E-01	4.89E-01	4.89E-01	4.89E-01	0.00E+00	1.06E-03	6.10E-03	2.09E-03	4.80E-01
South Dakota	McPherson	46089	R	Beryllium Compounds	2.44E-08	2.44E-08	2.44E-08	2.44E-08	2.44E-08	2.44E-08	2.44E-08	2.44E-08	0.00E+00	2.44E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	McPherson	46089	R	1,3-Butadiene	6.25E-04	6.25E-04	6.25E-04	6.25E-04	6.25E-04	6.25E-04	6.25E-04	6.25E-04	0.00E+00	1.21E-04	3.70E-04	1.34E-04	0.00E+00
South Dakota	McPherson	46089	R	Cadmium Compounds	1.69E-07	1.69E-07	1.69E-07	1.69E-07	1.69E-07	1.69E-07	1.69E-07	1.69E-07	0.00E+00	1.69E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	McPherson	46089	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.46E-06	0.00E+00	0.00E+00	8.80E-01
South Dakota	McPherson	46089	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	0.00E+00	9.10E-06	0.00E+00	0.00E+00	8.30E-02
South Dakota	McPherson	46089	R	Chromium Compounds	5.93E-07	5.93E-07	5.93E-07	5.93E-07	5.93E-07	5.93E-07	5.93E-07	5.93E-07	0.00E+00	1.13E-07	2.40E-07	2.40E-07	0.00E+00
South Dakota	McPherson	46089	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	McPherson	46089	R	1,3-Dichloropropene	2.42E-04	2.42E-04	2.42E-04	2.42E-04	2.42E-04	2.42E-04	2.42E-04	2.42E-04	0.00E+00	2.42E-04	0.00E+00	0.00E+00	0.00E+00
South Dakota	McPherson	46089	R	Diesel Particulate Matter	1.93E-01	1.93E-01	1.93E-01	1.93E-01	1.93E-01	1.93E-01	1.93E-01	1.93E-01	0.00E+00	0.00E+00	2.35E-02	1.70E-01	***
South Dakota	McPherson	46089	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	6.88E-09	0.00E+00	0.00E+00	7.70E-03

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration

Estimated Annual Average Ambient Concentrations (µg/m³) for South Dakota																		
					Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
State	County	FIPS	Urban or Rural	Pollutant	5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Dakota	McPherson	46089	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	1.52E-06	0.00E+00	0.00E+00	6.10E-02
South Dakota	McPherson	46089	R	Ethylene Oxide	9.66E-06	9.66E-06	9.66E-06	9.66E-06	9.66E-06	9.66E-06	9.66E-06	9.66E-06	0.00E+00	9.66E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	McPherson	46089	R	Formaldehyde	2.61E-01	2.61E-01	2.61E-01	2.61E-01	2.61E-01	2.61E-01	2.61E-01	2.61E-01	0.00E+00	2.76E-03	4.24E-03	3.88E-03	2.50E-01
South Dakota	McPherson	46089	R	Hexachlorobenzene	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	0.00E+00	1.55E-07	0.00E+00	0.00E+00	9.30E-05
South Dakota	McPherson	46089	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	McPherson	46089	R	Lead Compounds	3.76E-06	3.76E-06	3.76E-06	3.76E-06	3.76E-06	3.76E-06	3.76E-06	3.76E-06	0.00E+00	3.43E-06	3.28E-07	0.00E+00	0.00E+00
South Dakota	McPherson	46089	R	Manganese Compounds	4.68E-06	4.68E-06	4.68E-06	4.68E-06	4.68E-06	4.68E-06	4.68E-06	4.68E-06	0.00E+00	4.32E-06	9.33E-08	2.68E-07	0.00E+00
South Dakota	McPherson	46089	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	0.00E+00	1.69E-06	3.19E-09	6.94E-08	1.50E-03
South Dakota	McPherson	46089	R	Methylene Chloride	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	0.00E+00	4.70E-04	0.00E+00	0.00E+00	1.50E-01
South Dakota	McPherson	46089	R	Nickel Compounds	9.31E-07	9.31E-07	9.31E-07	9.31E-07	9.31E-07	9.31E-07	9.31E-07	9.31E-07	0.00E+00	6.33E-07	1.85E-07	1.13E-07	0.00E+00
South Dakota	McPherson	46089	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	0.00E+00	1.09E-04	0.00E+00	0.00E+00	1.40E-01
South Dakota	McPherson	46089	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
South Dakota	McPherson	46089	R	Polycyclic Organic Matter	3.02E-04	3.02E-04	3.02E-04	3.02E-04	3.02E-04	3.02E-04	3.02E-04	3.02E-04	0.00E+00	2.99E-04	1.75E-06	7.93E-07	0.00E+00
South Dakota	McPherson	46089	R	7-PAH	2.69E-05	2.69E-05	2.69E-05	2.69E-05	2.69E-05	2.69E-05	2.69E-05	2.69E-05	0.00E+00	2.57E-05	7.77E-07	4.04E-07	0.00E+00
South Dakota	McPherson	46089	R	Propylene Dichloride	7.58E-07	7.58E-07	7.58E-07	7.58E-07	7.58E-07	7.58E-07	7.58E-07	7.58E-07	0.00E+00	7.58E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	McPherson	46089	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	McPherson	46089	R	1,1,2,2-Tetrachloroethane	6.82E-06	6.82E-06	6.82E-06	6.82E-06	6.82E-06	6.82E-06	6.82E-06	6.82E-06	0.00E+00	6.82E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	McPherson	46089	R	Trichloroethylene	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	0.00E+00	5.36E-05	0.00E+00	0.00E+00	8.10E-02
South Dakota	McPherson	46089	R	Vinyl Chloride	1.68E-05	1.68E-05	1.68E-05	1.68E-05	1.68E-05	1.68E-05	1.68E-05	1.68E-05	0.00E+00	1.68E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Marshall	46091	R	Acetaldehyde	1.73E-02	1.73E-02	1.73E-02	1.78E-02	1.78E-02	1.83E-02	1.83E-02	1.83E-02	0.00E+00	2.29E-03	8.86E-03	6.62E-03	0.00E+00
South Dakota	Marshall	46091	R	Acrolein	2.25E-03	2.25E-03	2.25E-03	2.59E-03	2.59E-03	2.94E-03	2.94E-03	2.94E-03	0.00E+00	1.12E-03	1.09E-03	3.88E-04	0.00E+00
South Dakota	Marshall	46091	R	Acrylonitrile	3.47E-06	3.47E-06	3.47E-06	5.61E-06	5.61E-06	7.74E-06	7.74E-06	7.74E-06	0.00E+00	5.61E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Marshall	46091	R	Arsenic Compounds	2.19E-07	2.19E-07	2.19E-07	2.19E-07	2.19E-07	2.20E-07	2.20E-07	2.20E-07	0.00E+00	2.11E-07	7.80E-09	1.99E-10	0.00E+00
South Dakota	Marshall	46091	R	Benzene	4.99E-01	4.99E-01	4.99E-01	5.00E-01	5.00E-01	5.00E-01	5.00E-01	5.00E-01	0.00E+00	2.81E-03	1.14E-02	5.30E-03	4.80E-01
South Dakota	Marshall	46091	R	Beryllium Compounds	5.62E-08	5.62E-08	5.62E-08	5.71E-08	5.71E-08	5.80E-08	5.80E-08	5.80E-08	0.00E+00	5.71E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Marshall	46091	R	1,3-Butadiene	1.16E-03	1.16E-03	1.16E-03	1.22E-03	1.22E-03	1.28E-03	1.28E-03	1.28E-03	0.00E+00	2.27E-04	6.71E-04	3.19E-04	0.00E+00
South Dakota	Marshall	46091	R	Cadmium Compounds	2.04E-07	2.04E-07	2.04E-07	2.38E-07	2.38E-07	2.72E-07	2.72E-07	2.72E-07	0.00E+00	2.38E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Marshall	46091	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	3.56E-06	0.00E+00	0.00E+00	8.80E-01
South Dakota	Marshall	46091	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	0.00E+00	2.06E-05	0.00E+00	0.00E+00	8.30E-02
South Dakota	Marshall	46091	R	Chromium Compounds	1.39E-06	1.39E-06	1.39E-06	2.08E-06	2.08E-06	2.76E-06	2.76E-06	2.76E-06	0.00E+00	9.62E-07	5.22E-07	5.91E-07	0.00E+00
South Dakota	Marshall	46091	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Marshall	46091	R	1,3-Dichloropropene	4.90E-04	4.90E-04	4.90E-04	4.98E-04	4.98E-04	5.06E-04	5.06E-04	5.06E-04	0.00E+00	4.98E-04	0.00E+00	0.00E+00	0.00E+00
South Dakota	Marshall	46091	R	Diesel Particulate Matter	2.65E-01	2.65E-01	2.65E-01	2.79E-01	2.79E-01	2.93E-01	2.93E-01	2.93E-01	0.00E+00	0.00E+00	4.22E-02	2.37E-01	***
South Dakota	Marshall	46091	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	2.72E-09	0.00E+00	0.00E+00	7.70E-03
South Dakota	Marshall	46091	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	9.34E-07	0.00E+00	0.00E+00	6.10E-02
South Dakota	Marshall	46091	R	Ethylene Oxide	7.52E-06	7.52E-06	7.52E-06	8.63E-06	8.63E-06	9.74E-06	9.74E-06	9.74E-06	0.00E+00	8.63E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Marshall	46091	R	Formaldehyde	2.70E-01	2.70E-01	2.70E-01	2.72E-01	2.72E-01	2.73E-01	2.73E-01	2.73E-01	0.00E+00	5.86E-03	8.20E-03	7.72E-03	2.50E-01
South Dakota	Marshall	46091	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	1.19E-07	0.00E+00	0.00E+00	9.30E-05
South Dakota	Marshall	46091	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	1.26E-11	1.26E-11	2.51E-11	2.51E-11	2.51E-11	0.00E+00	1.26E-11	0.00E+00	0.00E+00	0.00E+00
South Dakota	Marshall	46091	R	Lead Compounds	4.38E-06	4.38E-06	4.38E-06	4.98E-06	4.98E-06	5.59E-06	5.59E-06	5.59E-06	0.00E+00	4.27E-06	7.13E-07	0.00E+00	0.00E+00
South Dakota	Marshall	46091	R	Manganese Compounds	9.10E-06	9.10E-06	9.10E-06	1.62E-03	1.62E-03	3.23E-03	3.23E-03	3.23E-03	1.61E-03	8.46E-06	2.02E-07	6.48E-07	0.00E+00
South Dakota	Marshall	46091	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	0.00E+00	1.90E-06	6.95E-09	1.73E-07	1.50E-03
South Dakota	Marshall	46091	R	Methylene Chloride	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	0.00E+00	8.91E-04	0.00E+00	0.00E+00	1.50E-01
South Dakota	Marshall	46091	R	Nickel Compounds	4.23E-06	4.23E-06	4.23E-06	4.58E-06	4.58E-06	4.92E-06	4.92E-06	4.92E-06	0.00E+00	3.91E-06	4.04E-07	2.67E-07	0.00E+00
South Dakota	Marshall	46091	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	0.00E+00	2.84E-04	0.00E+00	0.00E+00	1.40E-01
South Dakota	Marshall	46091	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
South Dakota	Marshall	46091	R	Polycyclic Organic Matter	6.24E-04	6.24E-04	6.24E-04	6.95E-04	6.95E-04	7.67E-04	7.67E-04	7.67E-04	0.00E+00	6.89E-04	3.83E-06	2.21E-06	0.00E+00
South Dakota	Marshall	46091	R	7-PAH	5.04E-05	5.04E-05	5.04E-05	6.07E-05	6.07E-05	7.11E-05	7.11E-05	7.11E-05	0.00E+00	5.79E-05	1.70E-06	1.13E-06	0.00E+00
South Dakota	Marshall	46091	R	Propylene Dichloride	1.78E-07	1.78E-07	1.78E-07	3.07E-07	3.07E-07	4.37E-07	4.37E-07	4.37E-07	0.00E+00	3.07E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Marshall	46091	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	2.41E-10	2.41E-10	4.81E-10	4.81E-10	4.81E-10	0.00E+00	2.41E-10	0.00E+00	0.00E+00	0.00E+00
South Dakota	Marshall	46091	R	1,1,2,2-Tetrachloroethane	1.27E-06	1.27E-06	1.27E-06	2.49E-06	2.49E-06	3.71E-06	3.71E-06	3.71E-06	0.00E+00	2.49E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Marshall	46091	R	Trichloroethylene	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	0.00E+00	8.45E-05	0.00E+00	0.00E+00	8.10E-02
South Dakota	Marshall	46091	R	Vinyl Chloride	3.15E-06	3.15E-06	3.15E-06	6.15E-06	6.15E-06	9.15E-06	9.15E-06	9.15E-06	0.00E+00	6.15E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Meade	46093	R	Acetaldehyde	3.23E-02	3.23E-02	5.19E-02	7.22E-02	6.66E-02	8.12E-02	8.95E-02	8.95E-02	1.32E-06	2.51E-02	3.04E-02	1.10E-02	0.00E+00
South Dakota	Meade	46093	R	Acrolein	1.35E-03	1.35E-03	8.69E-03	1.92E-02	1.59E-02	2.31E-02	2.40E-02	2.40E-02	6.72E-07	1.08E-02	3.40E-03	1.76E-03	0.00E+00

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration

Estimated Annual Average Ambient Concentrations (μg/m^3) for South Dakota

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Dakota	Meade	46093	R	Acrylonitrile	1.39E-06	1.39E-06	3.26E-06	1.58E-05	1.61E-05	2.89E-05	3.14E-05	3.14E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Meade	46093	R	Arsenic Compounds	9.15E-08	9.15E-08	2.94E-06	8.13E-06	9.82E-06	1.67E-05	2.29E-05	2.29E-05	1.06E-06	8.71E-06	4.87E-08	0.00E+00	0.00E+00
South Dakota	Meade	46093	R	Benzene	4.90E-01	4.90E-01	5.27E-01	5.99E-01	5.83E-01	6.39E-01	6.45E-01	6.45E-01	3.82E-06	2.67E-02	5.50E-02	2.16E-02	4.80E-01
South Dakota	Meade	46093	R	Beryllium Compounds	2.35E-08	2.35E-08	2.54E-07	1.19E-06	1.48E-06	2.70E-06	3.50E-06	3.50E-06	5.62E-08	1.42E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Meade	46093	R	1,3-Butadiene	6.98E-04	6.98E-04	2.31E-03	7.56E-03	6.88E-03	1.15E-02	1.17E-02	1.17E-02	0.00E+00	1.04E-03	4.82E-03	1.02E-03	0.00E+00
South Dakota	Meade	46093	R	Cadmium Compounds	3.11E-07	3.11E-07	8.86E-07	2.45E-06	3.05E-06	5.21E-06	6.98E-06	6.98E-06	1.39E-07	2.91E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Meade	46093	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	7.10E-06	0.00E+00	0.00E+00	8.80E-01
South Dakota	Meade	46093	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.31E-02	8.31E-02	8.32E-02	8.32E-02	8.32E-02	0.00E+00	9.76E-05	0.00E+00	0.00E+00	8.30E-02
South Dakota	Meade	46093	R	Chromium Compounds	1.42E-06	1.42E-06	4.76E-06	1.33E-05	1.45E-05	2.42E-05	3.01E-05	3.01E-05	6.99E-07	9.27E-06	3.48E-06	1.05E-06	0.00E+00
South Dakota	Meade	46093	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Meade	46093	R	1,3-Dichloropropene	1.02E-04	1.02E-04	1.91E-03	1.29E-02	1.21E-02	2.23E-02	2.26E-02	2.26E-02	0.00E+00	1.21E-02	0.00E+00	0.00E+00	0.00E+00
South Dakota	Meade	46093	R	Diesel Particulate Matter	7.71E-02	7.71E-02	7.92E-02	9.60E-02	1.08E-01	1.37E-01	1.64E-01	1.64E-01	0.00E+00	0.00E+00	3.17E-02	7.66E-02	***
South Dakota	Meade	46093	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	2.64E-08	0.00E+00	0.00E+00	7.70E-03
South Dakota	Meade	46093	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	1.18E-07	7.42E-06	0.00E+00	0.00E+00	6.10E-02
South Dakota	Meade	46093	R	Ethylene Oxide	3.36E-05	3.36E-05	3.58E-05	4.97E-05	2.40E-04	4.44E-04	8.27E-04	8.27E-04	0.00E+00	2.40E-04	0.00E+00	0.00E+00	0.00E+00
South Dakota	Meade	46093	R	Formaldehyde	2.75E-01	2.75E-01	3.18E-01	3.64E-01	3.45E-01	3.72E-01	3.76E-01	3.76E-01	4.96E-03	4.75E-02	3.03E-02	1.20E-02	2.50E-01
South Dakota	Meade	46093	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	4.94E-08	0.00E+00	0.00E+00	9.30E-05
South Dakota	Meade	46093	R	Hydrazine	4.81E-11	4.81E-11	4.34E-10	7.35E-09	7.89E-09	1.53E-08	1.68E-08	1.68E-08	0.00E+00	7.89E-09	0.00E+00	0.00E+00	0.00E+00
South Dakota	Meade	46093	R	Lead Compounds	5.17E-06	5.17E-06	2.37E-05	4.46E-05	6.19E-05	1.00E-04	1.53E-04	1.53E-04	1.14E-06	3.88E-05	4.97E-06	1.70E-05	0.00E+00
South Dakota	Meade	46093	R	Manganese Compounds	2.69E-06	2.69E-06	1.80E-04	4.03E-04	5.32E-04	8.84E-04	1.32E-03	1.32E-03	1.30E-06	5.28E-04	1.42E-06	1.27E-06	0.00E+00
South Dakota	Meade	46093	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	2.78E-07	8.24E-06	4.77E-08	2.94E-07	1.50E-03
South Dakota	Meade	46093	R	Methylene Chloride	1.51E-01	1.51E-01	1.53E-01	1.67E-01	1.70E-01	1.87E-01	1.98E-01	1.98E-01	7.97E-07	2.04E-02	0.00E+00	0.00E+00	1.50E-01
South Dakota	Meade	46093	R	Nickel Compounds	1.82E-06	1.82E-06	8.45E-06	2.76E-05	4.06E-05	7.27E-05	1.05E-04	1.05E-04	7.26E-07	3.67E-05	2.64E-06	5.54E-07	0.00E+00
South Dakota	Meade	46093	R	Perchloroethylene	1.40E-01	1.40E-01	1.41E-01	1.46E-01	1.47E-01	1.53E-01	1.57E-01	1.57E-01	1.18E-07	6.98E-03	0.00E+00	0.00E+00	1.40E-01
South Dakota	Meade	46093	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
South Dakota	Meade	46093	R	Polycyclic Organic Matter	2.84E-04	2.84E-04	3.23E-03	1.38E-02	1.30E-02	2.27E-02	2.41E-02	2.41E-02	5.65E-08	1.29E-02	2.45E-05	1.11E-05	0.00E+00
South Dakota	Meade	46093	R	7-PAH	2.34E-05	2.34E-05	3.32E-04	1.03E-03	9.00E-04	1.47E-03	1.52E-03	1.52E-03	1.14E-09	8.84E-04	1.09E-05	5.63E-06	0.00E+00
South Dakota	Meade	46093	R	Propylene Dichloride	4.37E-08	4.37E-08	1.72E-07	1.08E-06	1.07E-06	1.96E-06	2.06E-06	2.06E-06	0.00E+00	1.07E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Meade	46093	R	Quinoline	2.67E-10	2.67E-10	3.09E-09	2.29E-08	2.37E-08	4.44E-08	4.89E-08	4.89E-08	0.00E+00	2.37E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Meade	46093	R	1,1,2,2-Tetrachloroethane	6.28E-09	6.28E-09	9.03E-07	7.21E-06	7.32E-06	1.37E-05	1.48E-05	1.48E-05	0.00E+00	7.32E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Meade	46093	R	Trichloroethylene	8.11E-02	8.11E-02	8.15E-02	8.25E-02	8.39E-02	8.63E-02	8.96E-02	8.96E-02	0.00E+00	2.89E-03	0.00E+00	0.00E+00	8.10E-02
South Dakota	Meade	46093	R	Vinyl Chloride	3.20E-08	3.20E-08	2.33E-06	1.86E-05	1.87E-05	3.51E-05	3.77E-05	3.77E-05	0.00E+00	1.87E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Mellette	46095	R	Acetaldehyde	5.78E-03	5.78E-03	5.78E-03	5.78E-03	5.78E-03	5.78E-03	5.78E-03	5.78E-03	0.00E+00	1.02E-03	3.52E-03	1.23E-03	0.00E+00
South Dakota	Mellette	46095	R	Acrolein	1.39E-03	1.39E-03	1.39E-03	1.39E-03	1.39E-03	1.39E-03	1.39E-03	1.39E-03	0.00E+00	8.72E-04	4.41E-04	7.71E-05	0.00E+00
South Dakota	Mellette	46095	R	Acrylonitrile	3.19E-07	3.19E-07	3.19E-07	3.19E-07	3.19E-07	3.19E-07	3.19E-07	3.19E-07	0.00E+00	3.19E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Mellette	46095	R	Arsenic Compounds	5.80E-08	5.80E-08	5.80E-08	5.80E-08	5.80E-08	5.80E-08	5.80E-08	5.80E-08	0.00E+00	5.51E-08	2.96E-09	0.00E+00	0.00E+00
South Dakota	Mellette	46095	R	Benzene	4.87E-01	4.87E-01	4.87E-01	4.87E-01	4.87E-01	4.87E-01	4.87E-01	4.87E-01	0.00E+00	1.95E-03	4.53E-03	6.31E-04	4.80E-01
South Dakota	Mellette	46095	R	Beryllium Compounds	1.81E-08	1.81E-08	1.81E-08	1.81E-08	1.81E-08	1.81E-08	1.81E-08	1.81E-08	0.00E+00	1.81E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Mellette	46095	R	1,3-Butadiene	5.64E-04	5.64E-04	5.64E-04	5.64E-04	5.64E-04	5.64E-04	5.64E-04	5.64E-04	0.00E+00	2.65E-04	2.55E-04	4.42E-05	0.00E+00
South Dakota	Mellette	46095	R	Cadmium Compounds	3.88E-08	3.88E-08	3.88E-08	3.88E-08	3.88E-08	3.88E-08	3.88E-08	3.88E-08	0.00E+00	3.88E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Mellette	46095	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.05E-06	0.00E+00	0.00E+00	8.80E-01
South Dakota	Mellette	46095	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	0.00E+00	6.00E-06	0.00E+00	0.00E+00	8.30E-02
South Dakota	Mellette	46095	R	Chromium Compounds	4.55E-07	4.55E-07	4.55E-07	4.55E-07	4.55E-07	4.55E-07	4.55E-07	4.55E-07	0.00E+00	7.22E-08	1.90E-07	1.94E-07	0.00E+00
South Dakota	Mellette	46095	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Mellette	46095	R	1,3-Dichloropropene	2.08E-04	2.08E-04	2.08E-04	2.08E-04	2.08E-04	2.08E-04	2.08E-04	2.08E-04	0.00E+00	2.08E-04	0.00E+00	0.00E+00	0.00E+00
South Dakota	Mellette	46095	R	Diesel Particulate Matter	8.41E-02	8.41E-02	8.41E-02	8.41E-02	8.41E-02	8.41E-02	8.41E-02	8.41E-02	0.00E+00	0.00E+00	1.42E-02	6.99E-02	***
South Dakota	Mellette	46095	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.70E-03
South Dakota	Mellette	46095	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	1.75E-07	0.00E+00	0.00E+00	6.10E-02
South Dakota	Mellette	46095	R	Ethylene Oxide	1.74E-06	1.74E-06	1.74E-06	1.74E-06	1.74E-06	1.74E-06	1.74E-06	1.74E-06	0.00E+00	1.74E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Mellette	46095	R	Formaldehyde	2.59E-01	2.59E-01	2.59E-01	2.59E-01	2.59E-01	2.59E-01	2.59E-01	2.59E-01	0.00E+00	4.00E-03	3.28E-03	1.58E-03	2.50E-01
South Dakota	Mellette	46095	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	3.44E-08	0.00E+00	0.00E+00	9.30E-05
South Dakota	Mellette	46095	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Mellette	46095	R	Lead Compounds	1.91E-06	1.91E-06	1.91E-06	1.91E-06	1.91E-06	1.91E-06	1.91E-06	1.91E-06	0.00E+00	1.65E-06	2.59E-07	0.00E+00	0.00E+00
South Dakota	Mellette	46095	R	Manganese Compounds	3.84E-06	3.84E-06	3.84E-06	3.84E-06	3.84E-06	3.84E-06	3.84E-06	3.84E-06	0.00E+00	3.55E-06	7.37E-08	2.17E-07	0.00E+00
South Dakota	Mellette	46095	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	0.00E+00	2.13E-07	2.58E-09	5.60E-08	1.50E-03

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration

Estimated Annual Average Ambient Concentrations (µg/m^3) for South Dakota																		
					Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
State	County	FIPS	Urban or Rural	Pollutant	5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Dakota	Mellette	46095	R	Methylene Chloride	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	0.00E+00	3.21E-04	0.00E+00	0.00E+00	1.50E-01
South Dakota	Mellette	46095	R	Nickel Compounds	4.53E-07	4.53E-07	4.53E-07	4.53E-07	4.53E-07	4.53E-07	4.53E-07	4.53E-07	0.00E+00	2.16E-07	1.47E-07	9.03E-08	0.00E+00
South Dakota	Mellette	46095	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	0.00E+00	5.10E-05	0.00E+00	0.00E+00	1.40E-01
South Dakota	Mellette	46095	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
South Dakota	Mellette	46095	R	Polycyclic Organic Matter	3.52E-04	3.52E-04	3.52E-04	3.52E-04	3.52E-04	3.52E-04	3.52E-04	3.52E-04	0.00E+00	3.50E-04	1.39E-06	2.18E-07	0.00E+00
South Dakota	Mellette	46095	R	7-PAH	3.75E-05	3.75E-05	3.75E-05	3.75E-05	3.75E-05	3.75E-05	3.75E-05	3.75E-05	0.00E+00	3.68E-05	6.17E-07	1.07E-07	0.00E+00
South Dakota	Mellette	46095	R	Propylene Dichloride	9.52E-09	9.52E-09	9.52E-09	9.52E-09	9.52E-09	9.52E-09	9.52E-09	9.52E-09	0.00E+00	9.52E-09	0.00E+00	0.00E+00	0.00E+00
South Dakota	Mellette	46095	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Mellette	46095	R	1,1,2,2-Tetrachloroethane	1.45E-09	1.45E-09	1.45E-09	1.45E-09	1.45E-09	1.45E-09	1.45E-09	1.45E-09	0.00E+00	1.45E-09	0.00E+00	0.00E+00	0.00E+00
South Dakota	Mellette	46095	R	Trichloroethylene	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	0.00E+00	1.77E-05	0.00E+00	0.00E+00	8.10E-02
South Dakota	Mellette	46095	R	Vinyl Chloride	5.54E-09	5.54E-09	5.54E-09	5.54E-09	5.54E-09	5.54E-09	5.54E-09	5.54E-09	0.00E+00	5.54E-09	0.00E+00	0.00E+00	0.00E+00
South Dakota	Miner	46097	R	Acetaldehyde	1.37E-02	1.37E-02	1.37E-02	1.57E-02	1.57E-02	1.76E-02	1.76E-02	1.76E-02	0.00E+00	1.63E-03	9.17E-03	4.87E-03	0.00E+00
South Dakota	Miner	46097	R	Acrolein	1.44E-03	1.44E-03	1.44E-03	1.65E-03	1.65E-03	1.85E-03	1.85E-03	1.85E-03	0.00E+00	2.05E-04	1.13E-03	3.10E-04	0.00E+00
South Dakota	Miner	46097	R	Acrylonitrile	7.53E-06	7.53E-06	7.53E-06	8.30E-06	8.30E-06	9.07E-06	9.07E-06	9.07E-06	0.00E+00	8.30E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Miner	46097	R	Arsenic Compounds	1.56E-07	1.56E-07	1.56E-07	2.26E-07	2.26E-07	2.96E-07	2.96E-07	2.96E-07	0.00E+00	2.16E-07	9.83E-09	0.00E+00	0.00E+00
South Dakota	Miner	46097	R	Benzene	4.94E-01	4.94E-01	4.94E-01	4.98E-01	4.98E-01	5.02E-01	5.02E-01	5.02E-01	0.00E+00	1.33E-03	1.38E-02	2.73E-03	4.80E-01
South Dakota	Miner	46097	R	Beryllium Compounds	4.40E-08	4.40E-08	4.40E-08	6.57E-08	6.57E-08	8.73E-08	8.73E-08	8.73E-08	0.00E+00	6.57E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Miner	46097	R	1,3-Butadiene	8.52E-04	8.52E-04	8.52E-04	1.26E-03	1.26E-03	1.68E-03	1.68E-03	1.68E-03	0.00E+00	5.04E-05	9.96E-04	2.17E-04	0.00E+00
South Dakota	Miner	46097	R	Cadmium Compounds	2.32E-07	2.32E-07	2.32E-07	2.71E-07	2.71E-07	3.11E-07	3.11E-07	3.11E-07	0.00E+00	2.71E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Miner	46097	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	3.69E-06	0.00E+00	0.00E+00	8.80E-01
South Dakota	Miner	46097	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	0.00E+00	2.17E-05	0.00E+00	0.00E+00	8.30E-02
South Dakota	Miner	46097	R	Chromium Compounds	1.35E-06	1.35E-06	1.35E-06	1.63E-06	1.63E-06	1.92E-06	1.92E-06	1.92E-06	0.00E+00	3.28E-07	6.33E-07	6.71E-07	0.00E+00
South Dakota	Miner	46097	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Miner	46097	R	1,3-Dichloropropene	4.37E-04	4.37E-04	4.37E-04	6.58E-04	6.58E-04	8.80E-04	8.80E-04	8.80E-04	0.00E+00	6.58E-04	0.00E+00	0.00E+00	0.00E+00
South Dakota	Miner	46097	R	Diesel Particulate Matter	2.68E-01	2.68E-01	2.68E-01	2.94E-01	2.94E-01	3.21E-01	3.21E-01	3.21E-01	0.00E+00	0.00E+00	5.17E-02	2.43E-01	***
South Dakota	Miner	46097	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	4.37E-09	0.00E+00	0.00E+00	7.70E-03
South Dakota	Miner	46097	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	1.32E-06	0.00E+00	0.00E+00	6.10E-02
South Dakota	Miner	46097	R	Ethylene Oxide	4.23E-06	4.23E-06	4.23E-06	4.59E-06	4.59E-06	4.96E-06	4.96E-06	4.96E-06	0.00E+00	4.59E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Miner	46097	R	Formaldehyde	2.66E-01	2.66E-01	2.66E-01	2.68E-01	2.68E-01	2.71E-01	2.71E-01	2.71E-01	0.00E+00	2.63E-03	9.38E-03	6.36E-03	2.50E-01
South Dakota	Miner	46097	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	0.00E+00	1.82E-07	0.00E+00	0.00E+00	9.30E-05
South Dakota	Miner	46097	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	1.94E-11	1.94E-11	3.88E-11	3.88E-11	3.88E-11	0.00E+00	1.94E-11	0.00E+00	0.00E+00	0.00E+00
South Dakota	Miner	46097	R	Lead Compounds	8.17E-06	8.17E-06	8.17E-06	9.03E-06	9.03E-06	9.89E-06	9.89E-06	9.89E-06	0.00E+00	6.43E-06	8.70E-07	1.73E-06	0.00E+00
South Dakota	Miner	46097	R	Manganese Compounds	4.78E-04	4.78E-04	4.78E-04	7.68E-04	7.68E-04	1.06E-03	1.06E-03	1.06E-03	4.02E-04	3.66E-04	2.50E-07	7.48E-07	0.00E+00
South Dakota	Miner	46097	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	0.00E+00	2.28E-06	8.53E-09	1.93E-07	1.50E-03
South Dakota	Miner	46097	R	Methylene Chloride	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.52E-01	1.52E-01	1.52E-01	0.00E+00	1.16E-03	0.00E+00	0.00E+00	1.50E-01
South Dakota	Miner	46097	R	Nickel Compounds	2.22E-06	2.22E-06	2.22E-06	2.80E-06	2.80E-06	3.39E-06	3.39E-06	3.39E-06	0.00E+00	2.00E-06	4.92E-07	3.16E-07	0.00E+00
South Dakota	Miner	46097	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	0.00E+00	3.17E-04	0.00E+00	0.00E+00	1.40E-01
South Dakota	Miner	46097	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
South Dakota	Miner	46097	R	Polycyclic Organic Matter	5.00E-04	5.00E-04	5.00E-04	7.16E-04	7.16E-04	9.31E-04	9.31E-04	9.31E-04	0.00E+00	7.10E-04	4.60E-06	8.83E-07	0.00E+00
South Dakota	Miner	46097	R	7-PAH	3.53E-05	3.53E-05	3.53E-05	4.80E-05	4.80E-05	6.06E-05	6.06E-05	6.06E-05	0.00E+00	4.55E-05	2.04E-06	4.29E-07	0.00E+00
South Dakota	Miner	46097	R	Propylene Dichloride	4.30E-07	4.30E-07	4.30E-07	4.71E-07	4.71E-07	5.12E-07	5.12E-07	5.12E-07	0.00E+00	4.71E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Miner	46097	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	4.00E-10	4.00E-10	8.00E-10	8.00E-10	8.00E-10	0.00E+00	4.00E-10	0.00E+00	0.00E+00	0.00E+00
South Dakota	Miner	46097	R	1,1,2,2-Tetrachloroethane	3.59E-06	3.59E-06	3.59E-06	3.97E-06	3.97E-06	4.36E-06	4.36E-06	4.36E-06	0.00E+00	3.97E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Miner	46097	R	Trichloroethylene	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.12E-02	8.12E-02	8.12E-02	0.00E+00	1.15E-04	0.00E+00	0.00E+00	8.10E-02
South Dakota	Miner	46097	R	Vinyl Chloride	8.87E-06	8.87E-06	8.87E-06	9.80E-06	9.80E-06	1.07E-05	1.07E-05	1.07E-05	0.00E+00	9.80E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Minnehaha	46099	U	Acetaldehyde	1.15E-01	1.21E-01	2.02E-01	2.77E-01	2.57E-01	2.96E-01	3.59E-01	3.62E-01	0.00E+00	1.14E-02	1.81E-01	6.49E-02	0.00E+00
South Dakota	Minnehaha	46099	U	Acrolein	1.33E-02	1.41E-02	2.73E-02	3.72E-02	3.56E-02	4.23E-02	5.61E-02	5.62E-02	0.00E+00	6.18E-03	2.06E-02	8.83E-03	0.00E+00
South Dakota	Minnehaha	46099	U	Acrylonitrile	9.00E-05	9.19E-05	1.23E-04	1.37E-04	1.38E-04	1.49E-04	1.77E-04	1.95E-04	0.00E+00	1.38E-04	0.00E+00	0.00E+00	0.00E+00
South Dakota	Minnehaha	46099	U	Arsenic Compounds	2.05E-06	4.51E-06	1.95E-05	2.85E-05	3.26E-05	4.09E-05	6.36E-05	9.33E-05	0.00E+00	3.24E-05	2.22E-07	1.09E-10	0.00E+00
South Dakota	Minnehaha	46099	U	Benzene	6.02E-01	6.03E-01	8.52E-01	1.05E+00	1.04E+00	1.14E+00	1.56E+00	1.60E+00	0.00E+00	2.00E-02	4.17E-01	1.19E-01	4.80E-01
South Dakota	Minnehaha	46099	U	Beryllium Compounds	5.05E-07	1.24E-06	5.29E-06	8.50E-06	9.22E-06	1.16E-05	1.83E-05	2.48E-05	0.00E+00	9.22E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Minnehaha	46099	U	1,3-Butadiene	8.57E-03	9.00E-03	3.67E-02	5.91E-02	5.99E-02	6.94E-02	1.27E-01	1.30E-01	0.00E+00	1.54E-04	4.24E-02	1.74E-02	0.00E+00
South Dakota	Minnehaha	46099	U	Cadmium Compounds	6.27E-06	8.83E-06	1.24E-05	1.77E-05	1.95E-05	2.43E-05	3.26E-05	4.46E-05	0.00E+00	1.95E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Minnehaha	46099	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	6.99E-05	0.00E+00	0.00E+00	8.80E-01
South Dakota	Minnehaha	46099	U	Chloroform	8.33E-02	8.34E-02	8.35E-02	8.37E-02	8.37E-02	8.38E-02	8.41E-02	8.42E-02	0.00E+00	6.64E-04	0.00E+00	0.00E+00	8.30E-02

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration

Estimated Annual Average Ambient Concentrations (µg/m^3) for South Dakota

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Dakota	Minnehaha	46099	U	Chromium Compounds	2.01E-05	2.13E-05	4.34E-05	6.19E-05	6.34E-05	7.78E-05	1.11E-04	1.34E-04	0.00E+00	3.30E-05	1.46E-05	1.58E-05	0.00E+00
South Dakota	Minnehaha	46099	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Minnehaha	46099	U	1,3-Dichloropropene	3.71E-03	3.79E-03	3.90E-02	6.39E-02	6.75E-02	8.08E-02	1.48E-01	1.61E-01	0.00E+00	6.75E-02	0.00E+00	0.00E+00	0.00E+00
South Dakota	Minnehaha	46099	U	Diesel Particulate Matter	4.94E-01	5.41E-01	6.15E-01	7.46E-01	8.09E-01	9.15E-01	1.26E+00	1.44E+00	0.00E+00	0.00E+00	2.52E-01	5.56E-01	***
South Dakota	Minnehaha	46099	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	1.46E-07	0.00E+00	0.00E+00	7.70E-03
South Dakota	Minnehaha	46099	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	2.64E-05	0.00E+00	0.00E+00	6.10E-02
South Dakota	Minnehaha	46099	U	Ethylene Oxide	1.89E-04	3.89E-04	1.05E-03	2.28E-03	2.65E-03	3.51E-03	7.10E-03	7.14E-03	0.00E+00	2.65E-03	0.00E+00	0.00E+00	0.00E+00
South Dakota	Minnehaha	46099	U	Formaldehyde	3.85E-01	3.86E-01	4.86E-01	5.88E-01	5.70E-01	6.24E-01	7.78E-01	7.79E-01	0.00E+00	1.42E-02	2.09E-01	9.70E-02	2.50E-01
South Dakota	Minnehaha	46099	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	0.00E+00	1.24E-07	0.00E+00	0.00E+00	9.30E-05
South Dakota	Minnehaha	46099	U	Hydrazine	1.76E-09	2.05E-09	5.68E-09	1.62E-08	3.36E-08	4.10E-08	1.36E-07	1.59E-07	0.00E+00	3.36E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Minnehaha	46099	U	Lead Compounds	1.97E-04	2.78E-04	6.69E-04	9.54E-04	1.36E-03	1.47E-03	2.36E-03	3.90E-03	0.00E+00	2.27E-04	2.07E-05	1.11E-03	0.00E+00
South Dakota	Minnehaha	46099	U	Manganese Compounds	2.63E-04	2.83E-04	7.25E-04	1.19E-03	1.23E-03	1.44E-03	2.61E-03	2.85E-03	0.00E+00	1.21E-03	6.04E-06	2.09E-05	0.00E+00
South Dakota	Minnehaha	46099	U	Mercury Compounds	1.55E-03	1.56E-03	1.58E-03	1.59E-03	1.59E-03	1.61E-03	1.62E-03	1.62E-03	0.00E+00	8.48E-05	1.96E-07	4.02E-06	1.50E-03
South Dakota	Minnehaha	46099	U	Methylene Chloride	1.64E-01	1.68E-01	2.17E-01	2.49E-01	2.79E-01	3.28E-01	4.09E-01	5.54E-01	2.04E-04	1.29E-01	0.00E+00	0.00E+00	1.50E-01
South Dakota	Minnehaha	46099	U	Nickel Compounds	5.10E-05	8.74E-05	1.81E-04	4.11E-04	5.86E-04	8.30E-04	1.63E-03	2.13E-03	0.00E+00	5.64E-04	1.13E-05	1.01E-05	0.00E+00
South Dakota	Minnehaha	46099	U	Perchloroethylene	1.45E-01	1.50E-01	1.90E-01	2.09E-01	2.21E-01	2.39E-01	2.97E-01	3.74E-01	0.00E+00	8.13E-02	0.00E+00	0.00E+00	1.40E-01
South Dakota	Minnehaha	46099	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
South Dakota	Minnehaha	46099	U	Polycyclic Organic Matter	4.52E-03	5.02E-03	3.64E-02	5.94E-02	6.14E-02	7.35E-02	1.31E-01	1.45E-01	0.00E+00	6.12E-02	1.02E-04	4.41E-05	0.00E+00
South Dakota	Minnehaha	46099	U	7-PAH	2.82E-04	2.99E-04	2.13E-03	3.52E-03	3.59E-03	4.39E-03	7.73E-03	8.34E-03	0.00E+00	3.53E-03	4.54E-05	1.63E-05	0.00E+00
South Dakota	Minnehaha	46099	U	Propylene Dichloride	5.40E-06	5.49E-06	7.58E-06	8.29E-06	8.68E-06	9.79E-06	1.14E-05	1.37E-05	0.00E+00	8.68E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Minnehaha	46099	U	Quinoline	7.67E-09	1.03E-08	2.38E-08	5.82E-08	9.66E-08	1.17E-07	3.57E-07	4.05E-07	0.00E+00	9.66E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Minnehaha	46099	U	1,1,2,2-Tetrachloroethane	4.37E-05	4.47E-05	5.94E-05	6.40E-05	6.65E-05	7.11E-05	8.60E-05	9.05E-05	0.00E+00	6.65E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Minnehaha	46099	U	Trichloroethylene	8.35E-02	8.53E-02	9.02E-02	1.02E-01	1.13E-01	1.25E-01	1.65E-01	1.94E-01	0.00E+00	3.16E-02	0.00E+00	0.00E+00	8.10E-02
South Dakota	Minnehaha	46099	U	Vinyl Chloride	1.11E-04	1.13E-04	1.52E-04	1.70E-04	1.70E-04	1.82E-04	2.18E-04	2.37E-04	0.00E+00	1.70E-04	0.00E+00	0.00E+00	0.00E+00
South Dakota	Moody	46101	R	Acetaldehyde	5.00E-02	5.00E-02	5.00E-02	5.00E-02	5.00E-02	5.00E-02	5.00E-02	5.00E-02	0.00E+00	4.39E-03	3.22E-02	1.35E-02	0.00E+00
South Dakota	Moody	46101	R	Acrolein	6.72E-03	6.72E-03	6.72E-03	7.48E-03	7.48E-03	8.24E-03	8.24E-03	8.24E-03	0.00E+00	2.71E-03	3.62E-03	1.15E-03	0.00E+00
South Dakota	Moody	46101	R	Acrylonitrile	4.81E-05	4.81E-05	4.81E-05	4.90E-05	4.90E-05	4.99E-05	4.99E-05	4.99E-05	0.00E+00	4.90E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Moody	46101	R	Arsenic Compounds	8.53E-07	8.53E-07	8.53E-07	1.02E-06	1.02E-06	1.18E-06	1.18E-06	1.18E-06	0.00E+00	9.83E-07	3.16E-08	1.12E-10	0.00E+00
South Dakota	Moody	46101	R	Benzene	5.26E-01	5.26E-01	5.26E-01	5.32E-01	5.32E-01	5.39E-01	5.39E-01	5.39E-01	0.00E+00	4.74E-03	4.15E-02	6.06E-03	4.80E-01
South Dakota	Moody	46101	R	Beryllium Compounds	2.32E-07	2.32E-07	2.32E-07	2.81E-07	2.81E-07	3.31E-07	3.31E-07	3.31E-07	0.00E+00	2.81E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Moody	46101	R	1,3-Butadiene	2.70E-03	2.70E-03	2.70E-03	4.06E-03	4.06E-03	5.43E-03	5.43E-03	5.43E-03	0.00E+00	8.95E-04	2.74E-03	4.34E-04	0.00E+00
South Dakota	Moody	46101	R	Cadmium Compounds	1.48E-06	1.48E-06	1.48E-06	1.50E-06	1.50E-06	1.52E-06	1.52E-06	1.52E-06	0.00E+00	1.50E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Moody	46101	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.69E-05	0.00E+00	0.00E+00	8.80E-01
South Dakota	Moody	46101	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	0.00E+00	9.06E-05	0.00E+00	0.00E+00	8.30E-02
South Dakota	Moody	46101	R	Chromium Compounds	8.82E-06	8.82E-06	8.82E-06	9.88E-06	9.88E-06	1.09E-05	1.09E-05	1.09E-05	0.00E+00	4.74E-06	2.05E-06	3.09E-06	0.00E+00
South Dakota	Moody	46101	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Moody	46101	R	1,3-Dichloropropene	1.79E-03	1.79E-03	1.79E-03	2.35E-03	2.35E-03	2.91E-03	2.91E-03	2.91E-03	0.00E+00	2.35E-03	0.00E+00	0.00E+00	0.00E+00
South Dakota	Moody	46101	R	Diesel Particulate Matter	3.84E-01	3.84E-01	3.84E-01	4.33E-01	4.33E-01	4.83E-01	4.83E-01	4.83E-01	0.00E+00	0.00E+00	8.88E-02	3.45E-01	***
South Dakota	Moody	46101	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	2.53E-08	0.00E+00	0.00E+00	7.70E-03
South Dakota	Moody	46101	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	8.36E-06	0.00E+00	0.00E+00	6.10E-02
South Dakota	Moody	46101	R	Ethylene Oxide	5.12E-05	5.12E-05	5.12E-05	5.70E-05	5.70E-05	6.28E-05	6.28E-05	6.28E-05	0.00E+00	5.70E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Moody	46101	R	Formaldehyde	3.04E-01	3.04E-01	3.04E-01	3.10E-01	3.10E-01	3.15E-01	3.15E-01	3.15E-01	4.38E-06	1.07E-02	2.95E-02	1.93E-02	2.50E-01
South Dakota	Moody	46101	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	0.00E+00	1.72E-07	0.00E+00	0.00E+00	9.30E-05
South Dakota	Moody	46101	R	Hydrazine	2.48E-11	2.48E-11	2.48E-11	4.87E-11	4.87E-11	7.25E-11	7.25E-11	7.25E-11	0.00E+00	4.87E-11	0.00E+00	0.00E+00	0.00E+00
South Dakota	Moody	46101	R	Lead Compounds	3.22E-05	3.22E-05	3.22E-05	5.43E-05	5.43E-05	7.65E-05	7.65E-05	7.65E-05	0.00E+00	1.75E-05	2.81E-06	3.41E-05	0.00E+00
South Dakota	Moody	46101	R	Manganese Compounds	5.16E-04	5.16E-04	5.16E-04	6.14E-04	6.14E-04	7.13E-04	7.13E-04	7.13E-04	0.00E+00	6.10E-04	8.03E-07	3.36E-06	0.00E+00
South Dakota	Moody	46101	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.52E-03	0.00E+00	1.34E-05	2.77E-08	9.13E-07	1.50E-03
South Dakota	Moody	46101	R	Methylene Chloride	1.64E-01	1.64E-01	1.64E-01	1.65E-01	1.65E-01	1.66E-01	1.66E-01	1.66E-01	9.95E-03	4.90E-03	0.00E+00	0.00E+00	1.50E-01
South Dakota	Moody	46101	R	Nickel Compounds	1.82E-05	1.82E-05	1.82E-05	1.97E-05	1.97E-05	2.12E-05	2.12E-05	2.12E-05	0.00E+00	1.68E-05	1.59E-06	1.36E-06	0.00E+00
South Dakota	Moody	46101	R	Perchloroethylene	1.42E-01	1.42E-01	1.42E-01	1.42E-01	1.42E-01	1.42E-01	1.42E-01	1.42E-01	0.00E+00	1.61E-03	0.00E+00	0.00E+00	1.40E-01
South Dakota	Moody	46101	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
South Dakota	Moody	46101	R	Polycyclic Organic Matter	3.05E-03	3.05E-03	3.05E-03	3.72E-03	3.72E-03	4.39E-03	4.39E-03	4.39E-03	0.00E+00	3.71E-03	1.50E-05	2.31E-06	0.00E+00
South Dakota	Moody	46101	R	7-PAH	1.59E-04	1.59E-04	1.59E-04	2.13E-04	2.13E-04	2.67E-04	2.67E-04	2.67E-04	0.00E+00	2.06E-04	6.65E-06	9.05E-07	0.00E+00
South Dakota	Moody	46101	R	Propylene Dichloride	2.67E-06	2.67E-06	2.67E-06	2.74E-06	2.74E-06	2.82E-06	2.82E-06	2.82E-06	0.00E+00	2.74E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Moody	46101	R	Quinoline	5.06E-10	5.06E-10	5.06E-10	9.06E-10	9.06E-10	1.31E-09	1.31E-09	1.31E-09	0.00E+00	9.06E-10	0.00E+00	0.00E+00	0.00E+00

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration

Estimated Annual Average Ambient Concentrations (μg/m^3) for South Dakota

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Dakota	Moody	46101	R	1,1,2,2-Tetrachloroethane	2.33E-05	2.33E-05	2.33E-05	2.39E-05	2.39E-05	2.44E-05	2.44E-05	2.44E-05	0.00E+00	2.39E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Moody	46101	R	Trichloroethylene	8.17E-02	8.17E-02	8.17E-02	8.17E-02	8.17E-02	8.17E-02	8.17E-02	8.17E-02	0.00E+00	6.85E-04	0.00E+00	0.00E+00	8.10E-02
South Dakota	Moody	46101	R	Vinyl Chloride	5.96E-05	5.96E-05	5.96E-05	6.12E-05	6.12E-05	6.28E-05	6.28E-05	6.28E-05	0.00E+00	6.12E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Pennington	46103	U	Acetaldehyde	1.14E-01	1.16E-01	1.82E-01	2.49E-01	2.21E-01	2.72E-01	2.82E-01	2.84E-01	7.54E-07	9.65E-02	8.90E-02	3.60E-02	0.00E+00
South Dakota	Pennington	46103	U	Acrolein	1.90E-02	2.21E-02	5.43E-02	7.96E-02	7.57E-02	8.70E-02	1.20E-01	1.41E-01	3.84E-07	6.26E-02	9.87E-03	3.28E-03	0.00E+00
South Dakota	Pennington	46103	U	Acrylonitrile	3.99E-05	4.33E-05	4.93E-05	5.83E-05	5.81E-05	6.15E-05	7.06E-05	8.87E-05	0.00E+00	5.81E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Pennington	46103	U	Arsenic Compounds	2.19E-06	1.17E-05	4.01E-05	4.78E-05	8.34E-05	1.35E-04	1.64E-04	2.03E-04	6.44E-07	8.27E-05	9.25E-08	0.00E+00	0.00E+00
South Dakota	Pennington	46103	U	Benzene	6.08E-01	6.27E-01	7.73E-01	9.46E-01	9.21E-01	1.06E+00	1.14E+00	1.32E+00	1.90E-05	1.88E-01	1.88E-01	6.48E-02	4.80E-01
South Dakota	Pennington	46103	U	Beryllium Compounds	2.13E-07	1.07E-06	2.40E-06	5.12E-06	5.98E-06	8.87E-06	1.17E-05	1.64E-05	3.43E-08	5.94E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Pennington	46103	U	1,3-Butadiene	1.04E-02	1.89E-02	3.21E-02	5.95E-02	5.38E-02	7.83E-02	8.45E-02	9.23E-02	0.00E+00	2.70E-02	1.85E-02	8.22E-03	0.00E+00
South Dakota	Pennington	46103	U	Cadmium Compounds	1.09E-06	3.18E-06	7.53E-06	1.13E-05	1.63E-05	2.50E-05	3.36E-05	3.62E-05	8.16E-08	1.62E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Pennington	46103	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.88E-05	0.00E+00	0.00E+00	8.80E-01
South Dakota	Pennington	46103	U	Chloroform	8.31E-02	8.31E-02	8.32E-02	8.33E-02	8.33E-02	8.34E-02	8.35E-02	8.35E-02	0.00E+00	2.98E-04	0.00E+00	0.00E+00	8.30E-02
South Dakota	Pennington	46103	U	Chromium Compounds	6.15E-06	1.66E-05	4.21E-05	5.63E-05	8.21E-05	1.33E-04	1.54E-04	1.87E-04	4.10E-07	7.01E-05	6.36E-06	5.21E-06	0.00E+00
South Dakota	Pennington	46103	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Pennington	46103	U	1,3-Dichloropropene	1.61E-03	9.50E-03	1.97E-02	3.68E-02	3.63E-02	5.02E-02	6.57E-02	7.02E-02	0.00E+00	3.63E-02	0.00E+00	0.00E+00	0.00E+00
South Dakota	Pennington	46103	U	Diesel Particulate Matter	9.06E-02	1.14E-01	1.71E-01	2.23E-01	2.80E-01	4.12E-01	5.27E-01	5.40E-01	0.00E+00	0.00E+00	8.45E-02	1.96E-01	***
South Dakota	Pennington	46103	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	5.37E-08	0.00E+00	0.00E+00	7.70E-03
South Dakota	Pennington	46103	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.43E-08	3.82E-05	0.00E+00	0.00E+00	6.10E-02
South Dakota	Pennington	46103	U	Ethylene Oxide	3.05E-05	1.02E-04	2.90E-04	5.82E-04	1.26E-03	1.77E-03	3.40E-03	4.75E-03	0.00E+00	1.26E-03	0.00E+00	0.00E+00	0.00E+00
South Dakota	Pennington	46103	U	Formaldehyde	3.81E-01	4.32E-01	5.24E-01	8.00E-01	7.38E-01	8.63E-01	9.97E-01	1.02E+00	4.71E-02	3.08E-01	9.30E-02	4.02E-02	2.50E-01
South Dakota	Pennington	46103	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.30E-05	9.31E-05	9.31E-05	0.00E+00	7.02E-08	0.00E+00	0.00E+00	9.30E-05
South Dakota	Pennington	46103	U	Hydrazine	9.05E-11	8.66E-10	3.89E-09	4.82E-09	1.04E-08	1.29E-08	2.08E-08	2.61E-08	0.00E+00	1.04E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Pennington	46103	U	Lead Compounds	3.49E-05	8.09E-05	1.78E-04	3.04E-04	3.80E-04	5.39E-04	7.34E-04	8.37E-04	6.65E-07	3.06E-04	9.05E-06	6.44E-05	0.00E+00
South Dakota	Pennington	46103	U	Manganese Compounds	1.30E-04	7.03E-04	2.44E-03	2.77E-03	4.81E-03	6.71E-03	9.61E-03	1.18E-02	7.73E-07	4.80E-03	2.62E-06	7.53E-06	0.00E+00
South Dakota	Pennington	46103	U	Mercury Compounds	1.51E-03	1.51E-03	1.52E-03	1.53E-03	1.53E-03	1.55E-03	1.57E-03	1.58E-03	2.01E-07	3.28E-05	8.59E-08	1.25E-06	1.50E-03
South Dakota	Pennington	46103	U	Methylene Chloride	1.53E-01	1.64E-01	1.83E-01	2.10E-01	2.42E-01	3.01E-01	3.57E-01	3.84E-01	4.46E-07	9.16E-02	0.00E+00	0.00E+00	1.50E-01
South Dakota	Pennington	46103	U	Nickel Compounds	8.19E-06	2.89E-05	1.01E-04	1.40E-04	2.54E-04	3.98E-04	5.98E-04	6.22E-04	4.40E-07	2.45E-04	4.87E-06	3.81E-06	0.00E+00
South Dakota	Pennington	46103	U	Perchloroethylene	1.41E-01	1.48E-01	1.56E-01	1.75E-01	1.81E-01	2.07E-01	2.25E-01	2.38E-01	6.61E-08	4.09E-02	0.00E+00	0.00E+00	1.40E-01
South Dakota	Pennington	46103	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
South Dakota	Pennington	46103	U	Polycyclic Organic Matter	9.26E-03	1.28E-02	2.88E-02	4.93E-02	4.69E-02	6.40E-02	7.06E-02	8.79E-02	2.10E-06	4.68E-02	4.45E-05	2.07E-05	0.00E+00
South Dakota	Pennington	46103	U	7-PAH	9.32E-04	1.47E-03	2.62E-03	4.13E-03	3.72E-03	5.16E-03	5.47E-03	5.74E-03	6.53E-10	3.69E-03	1.98E-05	1.03E-05	0.00E+00
South Dakota	Pennington	46103	U	Propylene Dichloride	2.31E-06	2.68E-06	2.90E-06	3.48E-06	3.55E-06	4.00E-06	4.21E-06	5.50E-06	0.00E+00	3.55E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Pennington	46103	U	Quinoline	1.37E-09	4.49E-09	1.56E-08	1.81E-08	3.12E-08	4.04E-08	5.82E-08	7.16E-08	0.00E+00	3.12E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Pennington	46103	U	1,1,2,2-Tetrachloroethane	2.00E-05	2.07E-05	2.46E-05	2.77E-05	2.85E-05	3.07E-05	3.51E-05	4.36E-05	0.00E+00	2.85E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Pennington	46103	U	Trichloroethylene	8.14E-02	8.28E-02	8.74E-02	9.06E-02	1.01E-01	1.15E-01	1.36E-01	1.38E-01	0.00E+00	2.04E-02	0.00E+00	0.00E+00	8.10E-02
South Dakota	Pennington	46103	U	Vinyl Chloride	4.94E-05	5.24E-05	6.07E-05	6.99E-05	7.12E-05	7.59E-05	8.70E-05	1.09E-04	0.00E+00	7.12E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Perkins	46105	R	Acetaldehyde	3.00E-03	3.00E-03	3.00E-03	3.00E-03	3.00E-03	3.00E-03	3.00E-03	3.00E-03	0.00E+00	3.52E-04	1.49E-03	1.15E-03	0.00E+00
South Dakota	Perkins	46105	R	Acrolein	2.54E-04	2.54E-04	2.54E-04	2.54E-04	2.54E-04	2.54E-04	2.54E-04	2.54E-04	0.00E+00	7.80E-06	1.85E-04	6.13E-05	0.00E+00
South Dakota	Perkins	46105	R	Acrylonitrile	5.94E-07	5.94E-07	5.94E-07	5.94E-07	5.94E-07	5.94E-07	5.94E-07	5.94E-07	0.00E+00	5.94E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Perkins	46105	R	Arsenic Compounds	3.68E-08	3.68E-08	3.68E-08	3.68E-08	3.68E-08	3.68E-08	3.68E-08	3.68E-08	0.00E+00	3.54E-08	1.45E-09	2.80E-11	0.00E+00
South Dakota	Perkins	46105	R	Benzene	4.83E-01	4.83E-01	4.83E-01	4.83E-01	4.83E-01	4.83E-01	4.83E-01	4.83E-01	0.00E+00	3.45E-05	2.24E-03	8.12E-04	4.80E-01
South Dakota	Perkins	46105	R	Beryllium Compounds	1.02E-08	1.02E-08	1.02E-08	1.02E-08	1.02E-08	1.02E-08	1.02E-08	1.02E-08	0.00E+00	1.02E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Perkins	46105	R	1,3-Butadiene	2.15E-04	2.15E-04	2.15E-04	2.15E-04	2.15E-04	2.15E-04	2.15E-04	2.15E-04	0.00E+00	3.00E-08	1.59E-04	5.65E-05	0.00E+00
South Dakota	Perkins	46105	R	Cadmium Compounds	2.54E-08	2.54E-08	2.54E-08	2.54E-08	2.54E-08	2.54E-08	2.54E-08	2.54E-08	0.00E+00	2.54E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Perkins	46105	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	4.88E-07	0.00E+00	0.00E+00	8.80E-01
South Dakota	Perkins	46105	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	0.00E+00	3.12E-06	0.00E+00	0.00E+00	8.30E-02
South Dakota	Perkins	46105	R	Chromium Compounds	2.28E-07	2.28E-07	2.28E-07	2.28E-07	2.28E-07	2.28E-07	2.28E-07	2.28E-07	0.00E+00	3.99E-08	8.98E-08	9.79E-08	0.00E+00
South Dakota	Perkins	46105	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Perkins	46105	R	1,3-Dichloropropene	9.60E-05	9.60E-05	9.60E-05	9.60E-05	9.60E-05	9.60E-05	9.60E-05	9.60E-05	0.00E+00	9.60E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Perkins	46105	R	Diesel Particulate Matter	7.86E-02	7.86E-02	7.86E-02	7.86E-02	7.86E-02	7.86E-02	7.86E-02	7.86E-02	0.00E+00	0.00E+00	1.12E-02	6.74E-02	***
South Dakota	Perkins	46105	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	2.48E-10	0.00E+00	0.00E+00	7.70E-03
South Dakota	Perkins	46105	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	6.83E-08	0.00E+00	0.00E+00	6.10E-02
South Dakota	Perkins	46105	R	Ethylene Oxide	9.98E-07	9.98E-07	9.98E-07	9.98E-07	9.98E-07	9.98E-07	9.98E-07	9.98E-07	0.00E+00	9.98E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Perkins	46105	R	Formaldehyde	2.53E-01	2.53E-01	2.53E-01	2.53E-01	2.53E-01	2.53E-01	2.53E-01	2.53E-01	0.00E+00	3.71E-04	1.52E-03	1.31E-03	2.50E-01

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration

Estimated Annual Average Ambient Concentrations (µg/m^3) for South Dakota																		
					Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
State	County	FIPS	Urban or Rural	Pollutant	5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Dakota	Perkins	46105	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	3.60E-08	0.00E+00	0.00E+00	9.30E-05
South Dakota	Perkins	46105	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Perkins	46105	R	Lead Compounds	9.77E-07	9.77E-07	9.77E-07	9.77E-07	9.77E-07	9.77E-07	9.77E-07	9.77E-07	0.00E+00	8.53E-07	1.24E-07	0.00E+00	0.00E+00
South Dakota	Perkins	46105	R	Manganese Compounds	1.78E-06	1.78E-06	1.78E-06	1.78E-06	1.78E-06	1.78E-06	1.78E-06	1.78E-06	0.00E+00	1.63E-06	3.60E-08	1.09E-07	0.00E+00
South Dakota	Perkins	46105	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	0.00E+00	1.48E-07	1.22E-09	2.78E-08	1.50E-03
South Dakota	Perkins	46105	R	Methylene Chloride	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	0.00E+00	1.72E-04	0.00E+00	0.00E+00	1.50E-01
South Dakota	Perkins	46105	R	Nickel Compounds	5.82E-07	5.82E-07	5.82E-07	5.82E-07	5.82E-07	5.82E-07	5.82E-07	5.82E-07	0.00E+00	4.65E-07	7.00E-08	4.73E-08	0.00E+00
South Dakota	Perkins	46105	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	0.00E+00	6.02E-05	0.00E+00	0.00E+00	1.40E-01
South Dakota	Perkins	46105	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
South Dakota	Perkins	46105	R	Polycyclic Organic Matter	9.28E-05	9.28E-05	9.28E-05	9.28E-05	9.28E-05	9.28E-05	9.28E-05	9.28E-05	0.00E+00	9.19E-05	6.48E-07	3.17E-07	0.00E+00
South Dakota	Perkins	46105	R	7-PAH	5.99E-06	5.99E-06	5.99E-06	5.99E-06	5.99E-06	5.99E-06	5.99E-06	5.99E-06	0.00E+00	5.54E-06	2.88E-07	1.62E-07	0.00E+00
South Dakota	Perkins	46105	R	Propylene Dichloride	3.14E-08	3.14E-08	3.14E-08	3.14E-08	3.14E-08	3.14E-08	3.14E-08	3.14E-08	0.00E+00	3.14E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Perkins	46105	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Perkins	46105	R	1,1,2,2-Tetrachloroethane	2.47E-07	2.47E-07	2.47E-07	2.47E-07	2.47E-07	2.47E-07	2.47E-07	2.47E-07	0.00E+00	2.47E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Perkins	46105	R	Trichloroethylene	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	0.00E+00	2.20E-05	0.00E+00	0.00E+00	8.10E-02
South Dakota	Perkins	46105	R	Vinyl Chloride	6.09E-07	6.09E-07	6.09E-07	6.09E-07	6.09E-07	6.09E-07	6.09E-07	6.09E-07	0.00E+00	6.09E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Potter	46107	R	Acetaldehyde	7.87E-03	7.87E-03	7.87E-03	7.87E-03	7.87E-03	7.87E-03	7.87E-03	7.87E-03	0.00E+00	4.64E-04	3.43E-03	3.98E-03	0.00E+00
South Dakota	Potter	46107	R	Acrolein	7.14E-04	7.14E-04	7.14E-04	7.14E-04	7.14E-04	7.14E-04	7.14E-04	7.14E-04	0.00E+00	6.55E-05	4.24E-04	2.24E-04	0.00E+00
South Dakota	Potter	46107	R	Acrylonitrile	5.04E-07	5.04E-07	5.04E-07	5.04E-07	5.04E-07	5.04E-07	5.04E-07	5.04E-07	0.00E+00	5.04E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Potter	46107	R	Arsenic Compounds	8.74E-08	8.74E-08	8.74E-08	8.74E-08	8.74E-08	8.74E-08	8.74E-08	8.74E-08	0.00E+00	8.36E-08	3.77E-09	0.00E+00	0.00E+00
South Dakota	Potter	46107	R	Benzene	4.92E-01	4.92E-01	4.92E-01	4.92E-01	4.92E-01	4.92E-01	4.92E-01	4.92E-01	0.00E+00	2.51E-03	5.47E-03	3.75E-03	4.80E-01
South Dakota	Potter	46107	R	Beryllium Compounds	2.56E-08	2.56E-08	2.56E-08	2.56E-08	2.56E-08	2.56E-08	2.56E-08	2.56E-08	0.00E+00	2.56E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Potter	46107	R	1,3-Butadiene	6.77E-04	6.77E-04	6.77E-04	6.77E-04	6.77E-04	6.77E-04	6.77E-04	6.77E-04	0.00E+00	1.93E-05	4.18E-04	2.39E-04	0.00E+00
South Dakota	Potter	46107	R	Cadmium Compounds	1.03E-07	1.03E-07	1.03E-07	1.03E-07	1.03E-07	1.03E-07	1.03E-07	1.03E-07	0.00E+00	1.03E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Potter	46107	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.36E-06	0.00E+00	0.00E+00	8.80E-01
South Dakota	Potter	46107	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	0.00E+00	8.47E-06	0.00E+00	0.00E+00	8.30E-02
South Dakota	Potter	46107	R	Chromium Compounds	6.00E-07	6.00E-07	6.00E-07	6.00E-07	6.00E-07	6.00E-07	6.00E-07	6.00E-07	0.00E+00	1.01E-07	2.36E-07	2.63E-07	0.00E+00
South Dakota	Potter	46107	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Potter	46107	R	1,3-Dichloropropene	2.29E-04	2.29E-04	2.29E-04	2.29E-04	2.29E-04	2.29E-04	2.29E-04	2.29E-04	0.00E+00	2.29E-04	0.00E+00	0.00E+00	0.00E+00
South Dakota	Potter	46107	R	Diesel Particulate Matter	1.61E-01	1.61E-01	1.61E-01	1.61E-01	1.61E-01	1.61E-01	1.61E-01	1.61E-01	0.00E+00	0.00E+00	1.94E-02	1.41E-01	***
South Dakota	Potter	46107	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	4.85E-11	0.00E+00	0.00E+00	7.70E-03
South Dakota	Potter	46107	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	1.13E-06	0.00E+00	0.00E+00	6.10E-02
South Dakota	Potter	46107	R	Ethylene Oxide	1.39E-05	1.39E-05	1.39E-05	1.39E-05	1.39E-05	1.39E-05	1.39E-05	1.39E-05	0.00E+00	1.39E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Potter	46107	R	Formaldehyde	2.58E-01	2.58E-01	2.58E-01	2.58E-01	2.58E-01	2.58E-01	2.58E-01	2.58E-01	0.00E+00	7.43E-04	3.55E-03	4.08E-03	2.50E-01
South Dakota	Potter	46107	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	1.20E-07	0.00E+00	0.00E+00	9.30E-05
South Dakota	Potter	46107	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Potter	46107	R	Lead Compounds	3.10E-06	3.10E-06	3.10E-06	3.10E-06	3.10E-06	3.10E-06	3.10E-06	3.10E-06	0.00E+00	2.78E-06	3.26E-07	0.00E+00	0.00E+00
South Dakota	Potter	46107	R	Manganese Compounds	4.40E-06	4.40E-06	4.40E-06	4.40E-06	4.40E-06	4.40E-06	4.40E-06	4.40E-06	0.00E+00	4.01E-06	9.49E-08	2.93E-07	0.00E+00
South Dakota	Potter	46107	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	0.00E+00	8.47E-07	3.18E-09	7.50E-08	1.50E-03
South Dakota	Potter	46107	R	Methylene Chloride	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	0.00E+00	4.16E-04	0.00E+00	0.00E+00	1.50E-01
South Dakota	Potter	46107	R	Nickel Compounds	1.09E-06	1.09E-06	1.09E-06	1.09E-06	1.09E-06	1.09E-06	1.09E-06	1.09E-06	0.00E+00	7.84E-07	1.84E-07	1.26E-07	0.00E+00
South Dakota	Potter	46107	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	0.00E+00	1.97E-04	0.00E+00	0.00E+00	1.40E-01
South Dakota	Potter	46107	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
South Dakota	Potter	46107	R	Polycyclic Organic Matter	3.86E-04	3.86E-04	3.86E-04	3.86E-04	3.86E-04	3.86E-04	3.86E-04	3.86E-04	0.00E+00	3.83E-04	1.70E-06	1.61E-06	0.00E+00
South Dakota	Potter	46107	R	7-PAH	1.70E-05	1.70E-05	1.70E-05	1.70E-05	1.70E-05	1.70E-05	1.70E-05	1.70E-05	0.00E+00	1.55E-05	7.53E-07	8.26E-07	0.00E+00
South Dakota	Potter	46107	R	Propylene Dichloride	1.77E-08	1.77E-08	1.77E-08	1.77E-08	1.77E-08	1.77E-08	1.77E-08	1.77E-08	0.00E+00	1.77E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Potter	46107	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Potter	46107	R	1,1,2,2-Tetrachloroethane	5.00E-08	5.00E-08	5.00E-08	5.00E-08	5.00E-08	5.00E-08	5.00E-08	5.00E-08	0.00E+00	5.00E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Potter	46107	R	Trichloroethylene	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	0.00E+00	5.82E-05	0.00E+00	0.00E+00	8.10E-02
South Dakota	Potter	46107	R	Vinyl Chloride	1.26E-07	1.26E-07	1.26E-07	1.26E-07	1.26E-07	1.26E-07	1.26E-07	1.26E-07	0.00E+00	1.26E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Roberts	46109	R	Acetaldehyde	1.84E-02	1.84E-02	1.86E-02	1.97E-02	2.32E-02	2.78E-02	3.50E-02	3.50E-02	1.77E-06	3.13E-03	1.22E-02	7.83E-03	0.00E+00
South Dakota	Roberts	46109	R	Acrolein	2.56E-03	2.56E-03	2.69E-03	3.04E-03	4.10E-03	5.51E-03	7.76E-03	7.76E-03	8.99E-07	2.08E-03	1.48E-03	5.42E-04	0.00E+00
South Dakota	Roberts	46109	R	Acrylonitrile	1.65E-06	1.65E-06	2.30E-06	2.99E-06	2.69E-06	3.09E-06	3.15E-06	3.15E-06	0.00E+00	2.69E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Roberts	46109	R	Arsenic Compounds	1.94E-07	1.94E-07	8.46E-07	2.08E-06	2.06E-06	3.27E-06	3.90E-06	3.90E-06	1.50E-06	5.48E-07	1.42E-08	1.45E-10	0.00E+00
South Dakota	Roberts	46109	R	Benzene	5.01E-01	5.01E-01	5.02E-01	5.03E-01	5.14E-01	5.26E-01	5.49E-01	5.49E-01	5.25E-06	8.36E-03	2.07E-02	4.91E-03	4.80E-01

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration

Estimated Annual Average Ambient Concentrations (μg/m^3) for South Dakota

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Dakota	Roberts	46109	R	Beryllium Compounds	5.33E-08	5.33E-08	1.26E-07	2.35E-07	2.45E-07	3.65E-07	4.59E-07	4.59E-07	7.80E-08	1.68E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Roberts	46109	R	1,3-Butadiene	1.33E-03	1.33E-03	1.49E-03	1.72E-03	2.99E-03	4.49E-03	7.20E-03	7.20E-03	0.00E+00	1.01E-03	1.65E-03	3.34E-04	0.00E+00
South Dakota	Roberts	46109	R	Cadmium Compounds	3.45E-07	3.45E-07	5.13E-07	8.20E-07	7.40E-07	9.68E-07	9.76E-07	9.76E-07	1.91E-07	5.49E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Roberts	46109	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	4.20E-06	0.00E+00	0.00E+00	8.80E-01
South Dakota	Roberts	46109	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	0.00E+00	2.36E-05	0.00E+00	0.00E+00	8.30E-02
South Dakota	Roberts	46109	R	Chromium Compounds	3.57E-06	3.57E-06	4.70E-06	7.27E-06	6.79E-06	8.88E-06	9.04E-06	9.04E-06	9.68E-07	3.58E-06	9.40E-07	1.30E-06	0.00E+00
South Dakota	Roberts	46109	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Roberts	46109	R	1,3-Dichloropropene	5.36E-04	5.36E-04	6.13E-04	7.64E-04	1.54E-03	2.47E-03	4.11E-03	4.11E-03	0.00E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00
South Dakota	Roberts	46109	R	Diesel Particulate Matter	2.91E-01	2.91E-01	2.99E-01	3.19E-01	3.43E-01	3.87E-01	4.41E-01	4.41E-01	0.00E+00	0.00E+00	5.79E-02	2.85E-01	***
South Dakota	Roberts	46109	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	3.40E-09	0.00E+00	0.00E+00	7.70E-03
South Dakota	Roberts	46109	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	1.61E-07	3.05E-06	0.00E+00	0.00E+00	6.10E-02
South Dakota	Roberts	46109	R	Ethylene Oxide	9.10E-06	9.10E-06	1.23E-05	1.83E-05	4.15E-05	7.07E-05	1.20E-04	1.20E-04	0.00E+00	4.15E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Roberts	46109	R	Formaldehyde	2.71E-01	2.71E-01	2.72E-01	2.74E-01	2.83E-01	2.93E-01	3.13E-01	3.13E-01	1.03E-06	1.00E-02	1.29E-02	1.00E-02	2.50E-01
South Dakota	Roberts	46109	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.33E-05	9.33E-05	0.00E+00	1.44E-07	0.00E+00	0.00E+00	9.30E-05
South Dakota	Roberts	46109	R	Hydrazine	2.27E-10	2.27E-10	2.70E-10	3.44E-10	1.14E-09	2.02E-09	3.66E-09	3.66E-09	0.00E+00	1.14E-09	0.00E+00	0.00E+00	0.00E+00
South Dakota	Roberts	46109	R	Lead Compounds	5.46E-06	5.46E-06	7.23E-06	1.03E-05	1.33E-05	1.93E-05	2.71E-05	2.71E-05	1.57E-06	1.04E-05	1.31E-06	0.00E+00	0.00E+00
South Dakota	Roberts	46109	R	Manganese Compounds	8.44E-06	8.44E-06	1.12E-05	1.51E-05	2.61E-05	4.09E-05	6.57E-05	6.57E-05	1.81E-06	2.25E-05	3.75E-07	1.39E-06	0.00E+00
South Dakota	Roberts	46109	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.24E-06	3.87E-06	1.27E-08	3.74E-07	1.50E-03
South Dakota	Roberts	46109	R	Methylene Chloride	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.53E-01	1.55E-01	1.59E-01	1.59E-01	1.10E-06	3.03E-03	0.00E+00	0.00E+00	1.50E-01
South Dakota	Roberts	46109	R	Nickel Compounds	3.83E-06	3.83E-06	4.38E-06	6.41E-06	8.31E-06	1.22E-05	1.66E-05	1.66E-05	1.02E-06	5.98E-06	7.24E-07	5.88E-07	0.00E+00
South Dakota	Roberts	46109	R	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.42E-01	1.43E-01	1.45E-01	1.45E-01	1.62E-07	1.58E-03	0.00E+00	0.00E+00	1.40E-01
South Dakota	Roberts	46109	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
South Dakota	Roberts	46109	R	Polycyclic Organic Matter	1.07E-03	1.07E-03	1.14E-03	1.40E-03	2.35E-03	3.56E-03	5.53E-03	5.53E-03	7.46E-08	2.34E-03	6.75E-06	1.85E-06	0.00E+00
South Dakota	Roberts	46109	R	7-PAH	5.54E-05	5.54E-05	6.67E-05	8.20E-05	1.48E-04	2.28E-04	3.71E-04	3.71E-04	1.52E-09	1.44E-04	3.00E-06	9.23E-07	0.00E+00
South Dakota	Roberts	46109	R	Propylene Dichloride	4.74E-08	4.74E-08	5.47E-08	7.96E-08	9.46E-08	1.35E-07	1.72E-07	1.72E-07	0.00E+00	9.46E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Roberts	46109	R	Quinoline	1.20E-09	1.20E-09	1.39E-09	1.84E-09	3.93E-09	6.46E-09	1.08E-08	1.08E-08	0.00E+00	3.93E-09	0.00E+00	0.00E+00	0.00E+00
South Dakota	Roberts	46109	R	1,1,2,2-Tetrachloroethane	1.34E-07	1.34E-07	2.73E-07	4.88E-07	4.71E-07	6.68E-07	7.73E-07	7.73E-07	0.00E+00	4.71E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Roberts	46109	R	Trichloroethylene	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.14E-02	8.16E-02	8.20E-02	8.20E-02	0.00E+00	3.54E-04	0.00E+00	0.00E+00	8.10E-02
South Dakota	Roberts	46109	R	Vinyl Chloride	3.16E-07	3.16E-07	5.95E-07	1.23E-06	1.15E-06	1.70E-06	1.81E-06	1.81E-06	0.00E+00	1.15E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Sanborn	46111	R	Acetaldehyde	1.27E-02	1.27E-02	1.27E-02	1.34E-02	1.34E-02	1.41E-02	1.41E-02	1.41E-02	0.00E+00	1.41E-03	7.64E-03	4.33E-03	0.00E+00
South Dakota	Sanborn	46111	R	Acrolein	1.76E-03	1.76E-03	1.76E-03	1.79E-03	1.79E-03	1.82E-03	1.82E-03	1.82E-03	0.00E+00	4.35E-04	9.34E-04	4.23E-04	0.00E+00
South Dakota	Sanborn	46111	R	Acrylonitrile	7.51E-06	7.51E-06	7.51E-06	9.51E-06	9.51E-06	1.15E-05	1.15E-05	1.15E-05	0.00E+00	9.51E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Sanborn	46111	R	Arsenic Compounds	2.61E-07	2.61E-07	2.61E-07	2.85E-07	2.85E-07	3.10E-07	3.10E-07	3.10E-07	0.00E+00	2.76E-07	9.42E-09	0.00E+00	0.00E+00
South Dakota	Sanborn	46111	R	Benzene	4.93E-01	4.93E-01	4.93E-01	4.94E-01	4.94E-01	4.95E-01	4.95E-01	4.95E-01	0.00E+00	1.51E-03	1.03E-02	2.23E-03	4.80E-01
South Dakota	Sanborn	46111	R	Beryllium Compounds	7.14E-08	7.14E-08	7.14E-08	7.83E-08	7.83E-08	8.52E-08	8.52E-08	8.52E-08	0.00E+00	7.83E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Sanborn	46111	R	1,3-Butadiene	9.31E-04	9.31E-04	9.31E-04	9.67E-04	9.67E-04	1.00E-03	1.00E-03	1.00E-03	0.00E+00	1.36E-04	6.61E-04	1.69E-04	0.00E+00
South Dakota	Sanborn	46111	R	Cadmium Compounds	4.09E-07	4.09E-07	4.09E-07	4.46E-07	4.46E-07	4.84E-07	4.84E-07	4.84E-07	0.00E+00	4.46E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Sanborn	46111	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	3.60E-06	0.00E+00	0.00E+00	8.80E-01
South Dakota	Sanborn	46111	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	0.00E+00	2.22E-05	0.00E+00	0.00E+00	8.30E-02
South Dakota	Sanborn	46111	R	Chromium Compounds	2.46E-06	2.46E-06	2.46E-06	2.52E-06	2.52E-06	2.59E-06	2.59E-06	2.59E-06	0.00E+00	1.30E-06	6.17E-07	6.09E-07	0.00E+00
South Dakota	Sanborn	46111	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Sanborn	46111	R	1,3-Dichloropropene	6.16E-04	6.16E-04	6.16E-04	7.14E-04	7.14E-04	8.13E-04	8.13E-04	8.13E-04	0.00E+00	7.14E-04	0.00E+00	0.00E+00	0.00E+00
South Dakota	Sanborn	46111	R	Diesel Particulate Matter	2.28E-01	2.28E-01	2.28E-01	2.33E-01	2.33E-01	2.38E-01	2.38E-01	2.38E-01	0.00E+00	0.00E+00	3.88E-02	1.94E-01	***
South Dakota	Sanborn	46111	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	1.05E-08	0.00E+00	0.00E+00	7.70E-03
South Dakota	Sanborn	46111	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	1.47E-06	0.00E+00	0.00E+00	6.10E-02
South Dakota	Sanborn	46111	R	Ethylene Oxide	1.26E-05	1.26E-05	1.26E-05	1.35E-05	1.35E-05	1.45E-05	1.45E-05	1.45E-05	0.00E+00	1.35E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Sanborn	46111	R	Formaldehyde	2.66E-01	2.66E-01	2.66E-01	2.67E-01	2.67E-01	2.67E-01	2.67E-01	2.67E-01	0.00E+00	3.19E-03	7.23E-03	6.13E-03	2.50E-01
South Dakota	Sanborn	46111	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	9.97E-08	0.00E+00	0.00E+00	9.30E-05
South Dakota	Sanborn	46111	R	Hydrazine	3.82E-10	3.82E-10	3.82E-10	4.31E-10	4.31E-10	4.81E-10	4.81E-10	4.81E-10	0.00E+00	4.31E-10	0.00E+00	0.00E+00	0.00E+00
South Dakota	Sanborn	46111	R	Lead Compounds	4.91E-05	4.91E-05	4.91E-05	5.00E-05	5.00E-05	5.09E-05	5.09E-05	5.09E-05	0.00E+00	6.20E-06	8.42E-07	4.29E-05	0.00E+00
South Dakota	Sanborn	46111	R	Manganese Compounds	5.87E-03	5.87E-03	5.87E-03	6.74E-03	6.74E-03	7.62E-03	7.62E-03	7.62E-03	6.67E-03	7.59E-05	2.38E-07	6.83E-07	0.00E+00
South Dakota	Sanborn	46111	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	0.00E+00	4.27E-06	8.37E-09	1.77E-07	1.50E-03
South Dakota	Sanborn	46111	R	Methylene Chloride	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	0.00E+00	1.26E-03	0.00E+00	0.00E+00	1.50E-01
South Dakota	Sanborn	46111	R	Nickel Compounds	4.50E-06	4.50E-06	4.50E-06	4.70E-06	4.70E-06	4.90E-06	4.90E-06	4.90E-06	0.00E+00	3.94E-06	4.76E-07	2.82E-07	0.00E+00
South Dakota	Sanborn	46111	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	0.00E+00	5.06E-04	0.00E+00	0.00E+00	1.40E-01

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration

Estimated Annual Average Ambient Concentrations (µg/m^3) for South Dakota

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Dakota	Sanborn	46111	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
South Dakota	Sanborn	46111	R	Polycyclic Organic Matter	7.52E-04	7.52E-04	7.52E-04	8.23E-04	8.23E-04	8.94E-04	8.94E-04	8.94E-04	0.00E+00	8.18E-04	4.53E-06	1.14E-06	0.00E+00
South Dakota	Sanborn	46111	R	7-PAH	5.53E-05	5.53E-05	5.53E-05	5.89E-05	5.89E-05	6.24E-05	6.24E-05	6.24E-05	0.00E+00	5.65E-05	2.01E-06	3.21E-07	0.00E+00
South Dakota	Sanborn	46111	R	Propylene Dichloride	4.77E-07	4.77E-07	4.77E-07	5.92E-07	5.92E-07	7.07E-07	7.07E-07	7.07E-07	0.00E+00	5.92E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Sanborn	46111	R	Quinoline	6.23E-09	6.23E-09	6.23E-09	6.74E-09	6.74E-09	7.26E-09	7.26E-09	7.26E-09	0.00E+00	6.74E-09	0.00E+00	0.00E+00	0.00E+00
South Dakota	Sanborn	46111	R	1,1,2,2-Tetrachloroethane	3.47E-06	3.47E-06	3.47E-06	4.54E-06	4.54E-06	5.61E-06	5.61E-06	5.61E-06	0.00E+00	4.54E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Sanborn	46111	R	Trichloroethylene	8.12E-02	8.12E-02	8.12E-02	8.12E-02	8.12E-02	8.12E-02	8.12E-02	8.12E-02	0.00E+00	1.64E-04	0.00E+00	0.00E+00	8.10E-02
South Dakota	Sanborn	46111	R	Vinyl Chloride	8.79E-06	8.79E-06	8.79E-06	1.14E-05	1.14E-05	1.40E-05	1.40E-05	1.40E-05	0.00E+00	1.14E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Shannon	46113	R	Acetaldehyde	7.65E-03	7.65E-03	7.65E-03	7.73E-03	7.73E-03	7.81E-03	7.81E-03	7.81E-03	0.00E+00	2.15E-03	4.40E-03	1.18E-03	0.00E+00
South Dakota	Shannon	46113	R	Acrolein	2.11E-03	2.11E-03	2.11E-03	2.30E-03	2.30E-03	2.49E-03	2.49E-03	2.49E-03	0.00E+00	1.62E-03	5.46E-04	1.29E-04	0.00E+00
South Dakota	Shannon	46113	R	Acrylonitrile	6.43E-07	6.43E-07	6.43E-07	7.57E-07	7.57E-07	8.71E-07	8.71E-07	8.71E-07	0.00E+00	7.57E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Shannon	46113	R	Arsenic Compounds	1.37E-07	1.37E-07	1.37E-07	1.39E-07	1.39E-07	1.41E-07	1.41E-07	1.41E-07	0.00E+00	1.32E-07	6.50E-09	9.47E-12	0.00E+00
South Dakota	Shannon	46113	R	Benzene	4.90E-01	4.90E-01	4.90E-01	4.90E-01	4.90E-01	4.90E-01	4.90E-01	4.90E-01	0.00E+00	3.13E-03	6.45E-03	5.27E-04	4.80E-01
South Dakota	Shannon	46113	R	Beryllium Compounds	4.12E-08	4.12E-08	4.12E-08	4.24E-08	4.24E-08	4.37E-08	4.37E-08	4.37E-08	0.00E+00	4.24E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Shannon	46113	R	1,3-Butadiene	1.01E-03	1.01E-03	1.01E-03	1.05E-03	1.05E-03	1.08E-03	1.08E-03	1.08E-03	0.00E+00	5.56E-04	4.53E-04	3.61E-05	0.00E+00
South Dakota	Shannon	46113	R	Cadmium Compounds	1.20E-07	1.20E-07	1.20E-07	1.30E-07	1.30E-07	1.39E-07	1.39E-07	1.39E-07	0.00E+00	1.30E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Shannon	46113	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	2.46E-06	0.00E+00	0.00E+00	8.80E-01
South Dakota	Shannon	46113	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	0.00E+00	9.46E-06	0.00E+00	0.00E+00	8.30E-02
South Dakota	Shannon	46113	R	Chromium Compounds	8.02E-07	8.02E-07	8.02E-07	1.08E-06	1.08E-06	1.36E-06	1.36E-06	1.36E-06	0.00E+00	1.73E-07	4.26E-07	4.82E-07	0.00E+00
South Dakota	Shannon	46113	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Shannon	46113	R	1,3-Dichloropropene	4.54E-04	4.54E-04	4.54E-04	4.55E-04	4.55E-04	4.56E-04	4.56E-04	4.56E-04	0.00E+00	4.55E-04	0.00E+00	0.00E+00	0.00E+00
South Dakota	Shannon	46113	R	Diesel Particulate Matter	6.35E-02	6.35E-02	6.35E-02	6.58E-02	6.58E-02	6.81E-02	6.81E-02	6.81E-02	0.00E+00	0.00E+00	1.85E-02	4.74E-02	***
South Dakota	Shannon	46113	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	6.72E-13	0.00E+00	0.00E+00	7.70E-03
South Dakota	Shannon	46113	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	6.71E-08	0.00E+00	0.00E+00	6.10E-02
South Dakota	Shannon	46113	R	Ethylene Oxide	7.01E-06	7.01E-06	7.01E-06	8.28E-06	8.28E-06	9.55E-06	9.55E-06	9.55E-06	0.00E+00	8.28E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Shannon	46113	R	Formaldehyde	2.63E-01	2.63E-01	2.63E-01	2.64E-01	2.64E-01	2.64E-01	2.64E-01	2.64E-01	0.00E+00	7.69E-03	4.17E-03	1.87E-03	2.50E-01
South Dakota	Shannon	46113	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	1.38E-08	0.00E+00	0.00E+00	9.30E-05
South Dakota	Shannon	46113	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Shannon	46113	R	Lead Compounds	1.86E-06	1.86E-06	1.86E-06	2.03E-06	2.03E-06	2.21E-06	2.21E-06	2.21E-06	0.00E+00	1.44E-06	5.90E-07	0.00E+00	0.00E+00
South Dakota	Shannon	46113	R	Manganese Compounds	6.78E-06	6.78E-06	6.78E-06	7.10E-06	7.10E-06	7.41E-06	7.41E-06	7.41E-06	0.00E+00	6.39E-06	1.71E-07	5.33E-07	0.00E+00
South Dakota	Shannon	46113	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	0.00E+00	9.16E-07	5.65E-09	1.37E-07	1.50E-03
South Dakota	Shannon	46113	R	Methylene Chloride	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	0.00E+00	7.98E-04	0.00E+00	0.00E+00	1.50E-01
South Dakota	Shannon	46113	R	Nickel Compounds	9.65E-07	9.65E-07	9.65E-07	1.04E-06	1.04E-06	1.12E-06	1.12E-06	1.12E-06	0.00E+00	4.83E-07	3.31E-07	2.29E-07	0.00E+00
South Dakota	Shannon	46113	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	0.00E+00	1.51E-04	0.00E+00	0.00E+00	1.40E-01
South Dakota	Shannon	46113	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
South Dakota	Shannon	46113	R	Polycyclic Organic Matter	6.36E-04	6.36E-04	6.36E-04	6.74E-04	6.74E-04	7.13E-04	7.13E-04	7.13E-04	0.00E+00	6.71E-04	3.06E-06	1.78E-07	0.00E+00
South Dakota	Shannon	46113	R	7-PAH	6.51E-05	6.51E-05	6.51E-05	7.25E-05	7.25E-05	7.98E-05	7.98E-05	7.98E-05	0.00E+00	7.10E-05	1.36E-06	7.87E-08	0.00E+00
South Dakota	Shannon	46113	R	Propylene Dichloride	1.93E-08	1.93E-08	1.93E-08	2.26E-08	2.26E-08	2.60E-08	2.60E-08	2.60E-08	0.00E+00	2.26E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Shannon	46113	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Shannon	46113	R	1,1,2,2-Tetrachloroethane	3.95E-09	3.95E-09	3.95E-09	4.09E-09	4.09E-09	4.24E-09	4.24E-09	4.24E-09	0.00E+00	4.09E-09	0.00E+00	0.00E+00	0.00E+00
South Dakota	Shannon	46113	R	Trichloroethylene	8.10E-02	8.10E-02	8.10E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	0.00E+00	5.57E-05	0.00E+00	0.00E+00	8.10E-02
South Dakota	Shannon	46113	R	Vinyl Chloride	1.44E-08	1.44E-08	1.44E-08	1.48E-08	1.48E-08	1.51E-08	1.51E-08	1.51E-08	0.00E+00	1.48E-08	0.00E+00	0.00E+00	0.00E+00
South Dakota	Spink	46115	R	Acetaldehyde	1.10E-02	1.10E-02	1.20E-02	1.37E-02	1.50E-02	1.80E-02	2.15E-02	2.15E-02	0.00E+00	2.08E-03	6.83E-03	6.06E-03	0.00E+00
South Dakota	Spink	46115	R	Acrolein	1.13E-03	1.13E-03	1.53E-03	2.13E-03	2.29E-03	3.05E-03	3.76E-03	3.76E-03	0.00E+00	9.67E-04	8.39E-04	4.81E-04	0.00E+00
South Dakota	Spink	46115	R	Acrylonitrile	2.05E-06	2.05E-06	2.12E-06	2.58E-06	2.97E-06	3.81E-06	4.67E-06	4.67E-06	0.00E+00	2.97E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Spink	46115	R	Arsenic Compounds	1.46E-07	1.46E-07	1.74E-07	2.18E-07	4.86E-07	7.97E-07	1.36E-06	1.36E-06	0.00E+00	4.75E-07	1.09E-08	0.00E+00	0.00E+00
South Dakota	Spink	46115	R	Benzene	4.90E-01	4.90E-01	4.91E-01	4.93E-01	4.98E-01	5.05E-01	5.16E-01	5.16E-01	0.00E+00	3.65E-03	1.16E-02	2.67E-03	4.80E-01
South Dakota	Spink	46115	R	Beryllium Compounds	4.33E-08	4.33E-08	5.13E-08	6.58E-08	1.52E-07	2.52E-07	4.31E-07	4.31E-07	0.00E+00	1.52E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Spink	46115	R	1,3-Butadiene	5.81E-04	5.81E-04	6.84E-04	8.01E-04	1.52E-03	2.36E-03	3.90E-03	3.90E-03	0.00E+00	3.89E-04	9.22E-04	2.09E-04	0.00E+00
South Dakota	Spink	46115	R	Cadmium Compounds	1.60E-07	1.60E-07	1.70E-07	1.88E-07	3.06E-07	4.42E-07	6.87E-07	6.87E-07	0.00E+00	3.06E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Spink	46115	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	2.90E-06	0.00E+00	0.00E+00	8.80E-01
South Dakota	Spink	46115	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	0.00E+00	2.11E-05	0.00E+00	0.00E+00	8.30E-02
South Dakota	Spink	46115	R	Chromium Compounds	1.09E-06	1.09E-06	1.14E-06	1.30E-06	2.17E-06	3.19E-06	4.97E-06	4.97E-06	0.00E+00	5.51E-07	7.40E-07	8.75E-07	0.00E+00
South Dakota	Spink	46115	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Spink	46115	R	1,3-Dichloropropene	4.58E-04	4.58E-04	4.71E-04	5.65E-04	1.48E-03	2.49E-03	4.34E-03	4.34E-03	0.00E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00

KEY-- *** onroad and nonroad concentrations include a model-estimated background concentration

Estimated Annual Average Ambient Concentrations (µg/m^3) for South Dakota																		
					Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …					
State	County	FIPS	Urban or Rural	Pollutant	5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
South Dakota	Spink	46115	R	Diesel Particulate Matter	2.25E-01	2.25E-01	2.25E-01	2.42E-01	2.78E-01	3.31E-01	4.03E-01	4.03E-01	0.00E+00	0.00E+00	3.17E-02	2.46E-01	***
South Dakota	Spink	46115	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	1.83E-09	0.00E+00	0.00E+00	7.70E-03
South Dakota	Spink	46115	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	1.14E-06	0.00E+00	0.00E+00	6.10E-02
South Dakota	Spink	46115	R	Ethylene Oxide	4.15E-06	4.15E-06	1.24E-05	2.20E-05	2.43E-05	3.62E-05	4.92E-05	4.92E-05	0.00E+00	2.43E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Spink	46115	R	Formaldehyde	2.63E-01	2.63E-01	2.65E-01	2.68E-01	2.71E-01	2.77E-01	2.84E-01	2.84E-01	0.00E+00	5.66E-03	7.13E-03	7.99E-03	2.50E-01
South Dakota	Spink	46115	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.33E-05	9.34E-05	9.34E-05	0.00E+00	1.81E-07	0.00E+00	0.00E+00	9.30E-05
South Dakota	Spink	46115	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	3.57E-11	3.63E-11	7.25E-11	7.36E-11	7.36E-11	0.00E+00	3.63E-11	0.00E+00	0.00E+00	0.00E+00
South Dakota	Spink	46115	R	Lead Compounds	1.66E-05	1.66E-05	2.24E-05	4.69E-05	4.68E-05	7.12E-05	7.68E-05	7.68E-05	0.00E+00	8.70E-06	1.03E-06	3.71E-05	0.00E+00
South Dakota	Spink	46115	R	Manganese Compounds	8.00E-06	8.00E-06	8.59E-06	1.34E-05	2.01E-05	3.16E-05	4.57E-05	4.57E-05	0.00E+00	1.89E-05	2.94E-07	9.37E-07	0.00E+00
South Dakota	Spink	46115	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	0.00E+00	1.53E-06	1.01E-08	2.53E-07	1.50E-03
South Dakota	Spink	46115	R	Methylene Chloride	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.53E-01	1.55E-01	1.58E-01	1.58E-01	0.00E+00	2.76E-03	0.00E+00	0.00E+00	1.50E-01
South Dakota	Spink	46115	R	Nickel Compounds	1.67E-06	1.67E-06	2.23E-06	2.92E-06	4.52E-06	6.81E-06	1.06E-05	1.06E-05	0.00E+00	3.55E-06	5.67E-07	3.94E-07	0.00E+00
South Dakota	Spink	46115	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	0.00E+00	6.54E-04	0.00E+00	0.00E+00	1.40E-01
South Dakota	Spink	46115	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
South Dakota	Spink	46115	R	Polycyclic Organic Matter	5.07E-04	5.07E-04	6.09E-04	7.56E-04	1.58E-03	2.55E-03	4.29E-03	4.29E-03	0.00E+00	1.57E-03	5.32E-06	1.23E-06	0.00E+00
South Dakota	Spink	46115	R	7-PAH	3.37E-05	3.37E-05	4.56E-05	5.84E-05	1.10E-04	1.74E-04	2.88E-04	2.88E-04	0.00E+00	1.07E-04	2.36E-06	3.93E-07	0.00E+00
South Dakota	Spink	46115	R	Propylene Dichloride	1.01E-07	1.01E-07	1.11E-07	1.39E-07	1.58E-07	2.06E-07	2.55E-07	2.55E-07	0.00E+00	1.58E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Spink	46115	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	6.87E-10	7.47E-10	1.49E-09	1.62E-09	1.62E-09	0.00E+00	7.47E-10	0.00E+00	0.00E+00	0.00E+00
South Dakota	Spink	46115	R	1,1,2,2-Tetrachloroethane	7.25E-07	7.25E-07	7.48E-07	1.01E-06	1.14E-06	1.54E-06	1.84E-06	1.84E-06	0.00E+00	1.14E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Spink	46115	R	Trichloroethylene	8.11E-02	8.11E-02	8.11E-02	8.12E-02	8.13E-02	8.15E-02	8.18E-02	8.18E-02	0.00E+00	2.92E-04	0.00E+00	0.00E+00	8.10E-02
South Dakota	Spink	46115	R	Vinyl Chloride	1.79E-06	1.79E-06	1.87E-06	2.51E-06	2.85E-06	3.83E-06	4.59E-06	4.59E-06	0.00E+00	2.85E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Stanley	46117	R	Acetaldehyde	1.39E-02	1.39E-02	1.39E-02	1.39E-02	1.39E-02	1.39E-02	1.39E-02	1.39E-02	0.00E+00	2.66E-03	4.60E-03	6.63E-03	0.00E+00
South Dakota	Stanley	46117	R	Acrolein	1.85E-03	1.85E-03	1.85E-03	1.85E-03	1.85E-03	1.85E-03	1.85E-03	1.85E-03	0.00E+00	5.95E-04	5.38E-04	7.17E-04	0.00E+00
South Dakota	Stanley	46117	R	Acrylonitrile	2.77E-06	2.77E-06	2.77E-06	2.77E-06	2.77E-06	2.77E-06	2.77E-06	2.77E-06	0.00E+00	2.77E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Stanley	46117	R	Arsenic Compounds	6.30E-07	6.30E-07	6.30E-07	6.30E-07	6.30E-07	6.30E-07	6.30E-07	6.30E-07	0.00E+00	6.21E-07	9.64E-09	0.00E+00	0.00E+00
South Dakota	Stanley	46117	R	Benzene	4.97E-01	4.97E-01	4.97E-01	4.97E-01	4.97E-01	4.97E-01	4.97E-01	4.97E-01	0.00E+00	4.34E-03	5.32E-03	6.98E-03	4.80E-01
South Dakota	Stanley	46117	R	Beryllium Compounds	2.01E-07	2.01E-07	2.01E-07	2.01E-07	2.01E-07	2.01E-07	2.01E-07	2.01E-07	0.00E+00	2.01E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Stanley	46117	R	1,3-Butadiene	8.14E-04	8.14E-04	8.14E-04	8.14E-04	8.14E-04	8.14E-04	8.14E-04	8.14E-04	0.00E+00	1.09E-04	2.91E-04	4.14E-04	0.00E+00
South Dakota	Stanley	46117	R	Cadmium Compounds	3.61E-07	3.61E-07	3.61E-07	3.61E-07	3.61E-07	3.61E-07	3.61E-07	3.61E-07	0.00E+00	3.61E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Stanley	46117	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	2.08E-06	0.00E+00	0.00E+00	8.80E-01
South Dakota	Stanley	46117	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	0.00E+00	1.80E-05	0.00E+00	0.00E+00	8.30E-02
South Dakota	Stanley	46117	R	Chromium Compounds	1.77E-06	1.77E-06	1.77E-06	1.77E-06	1.77E-06	1.77E-06	1.77E-06	1.77E-06	0.00E+00	6.74E-07	6.98E-07	4.02E-07	0.00E+00
South Dakota	Stanley	46117	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
South Dakota	Stanley	46117	R	1,3-Dichloropropene	1.48E-03	1.48E-03	1.48E-03	1.48E-03	1.48E-03	1.48E-03	1.48E-03	1.48E-03	0.00E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00
South Dakota	Stanley	46117	R	Diesel Particulate Matter	1.10E-01	1.10E-01	1.10E-01	1.10E-01	1.10E-01	1.10E-01	1.10E-01	1.10E-01	0.00E+00	0.00E+00	1.46E-02	9.51E-02	***
South Dakota	Stanley	46117	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	3.37E-09	0.00E+00	0.00E+00	7.70E-03
South Dakota	Stanley	46117	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	1.92E-06	0.00E+00	0.00E+00	6.10E-02
South Dakota	Stanley	46117	R	Ethylene Oxide	4.08E-05	4.08E-05	4.08E-05	4.08E-05	4.08E-05	4.08E-05	4.08E-05	4.08E-05	0.00E+00	4.08E-05	0.00E+00	0.00E+00	0.00E+00
South Dakota	Stanley	46117	R	Formaldehyde	2.64E-01	2.64E-01	2.64E-01	2.64E-01	2.64E-01	2.64E-01	2.64E-01	2.64E-01	0.00E+00	3.78E-03	3.59E-03	7.07E-03	2.50E-01
South Dakota	Stanley	46117	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	5.20E-08	0.00E+00	0.00E+00	9.30E-05
South Dakota	Stanley	46117	R	Hydrazine	3.56E-10	3.56E-10	3.56E-10	3.56E-10	3.56E-10	3.56E-10	3.56E-10	3.56E-10	0.00E+00	3.56E-10	0.00E+00	0.00E+00	0.00E+00
South Dakota	Stanley	46117	R	Lead Compounds	8.67E-05	8.67E-05	8.67E-05	8.67E-05	8.67E-05	8.67E-05	8.67E-05	8.67E-05	0.00E+00	5.57E-06	9.75E-07	8.01E-05	0.00E+00
South Dakota	Stanley	46117	R	Manganese Compounds	2.55E-05	2.55E-05	2.55E-05	2.55E-05	2.55E-05	2.55E-05	2.55E-05	2.55E-05	0.00E+00	2.47E-05	2.75E-07	5.02E-07	0.00E+00
South Dakota	Stanley	46117	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	0.00E+00	1.42E-06	9.28E-09	1.09E-07	1.50E-03
South Dakota	Stanley	46117	R	Methylene Chloride	1.53E-01	1.53E-01	1.53E-01	1.53E-01	1.53E-01	1.53E-01	1.53E-01	1.53E-01	0.00E+00	2.99E-03	0.00E+00	0.00E+00	1.50E-01
South Dakota	Stanley	46117	R	Nickel Compounds	7.14E-06	7.14E-06	7.14E-06	7.14E-06	7.14E-06	7.14E-06	7.14E-06	7.14E-06	0.00E+00	6.39E-06	5.33E-07	2.25E-07	0.00E+00
South Dakota	Stanley	46117	R	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	0.00E+00	1.31E-03	0.00E+00	0.00E+00	1.40E-01
South Dakota	Stanley	46117	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
South Dakota	Stanley	46117	R	Polycyclic Organic Matter	1.75E-03	1.75E-03	1.75E-03	1.75E-03	1.75E-03	1.75E-03	1.75E-03	1.75E-03	0.00E+00	1.74E-03	5.02E-06	3.58E-06	0.00E+00
South Dakota	Stanley	46117	R	7-PAH	1.07E-04	1.07E-04	1.07E-04	1.07E-04	1.07E-04	1.07E-04	1.07E-04	1.07E-04	0.00E+00	1.03E-04	2.23E-06	1.39E-06	0.00E+00
South Dakota	Stanley	46117	R	Propylene Dichloride	1.67E-07	1.67E-07	1.67E-07	1.67E-07	1.67E-07	1.67E-07	1.67E-07	1.67E-07	0.00E+00	1.67E-07	0.00E+00	0.00E+00	0.00E+00
South Dakota	Stanley	46117	R	Quinoline	2.69E-09	2.69E-09	2.69E-09	2.69E-09	2.69E-09	2.69E-09	2.69E-09	2.69E-09	0.00E+00	2.69E-09	0.00E+00	0.00E+00	0.00E+00
South Dakota	Stanley	46117	R	1,1,2,2-Tetrachloroethane	1.15E-06	1.15E-06	1.15E-06	1.15E-06	1.15E-06	1.15E-06	1.15E-06	1.15E-06	0.00E+00	1.15E-06	0.00E+00	0.00E+00	0.00E+00
South Dakota	Stanley	46117	R	Trichloroethylene	8.16E-02	8.16E-02	8.16E-02	8.16E-02	8.16E-02	8.16E-02	8.16E-02	8.16E-02	0.00E+00	5.85E-04	0.00E+00	0.00E+00	8.10E-02
South Dakota	Stanley	46117	R	Vinyl Chloride	2.92E-06	2.92E-06	2.92E-06	2.92E-06	2.92E-06	2.92E-06	2.92E-06	2.92E-06	0.00E+00	2.92E-06	0.00E+00	0.00E+00	0.00E+00