

US EPA ARCHIVE DOCUMENT

1996 Modeled Exposure Concentrations 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 scale. In addition, these results represent conditions in 1996 rather than current conditions.

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

				Estimated Annual Median Exposure Concentrations (ug/m3) for South Dakota												
State	County	FIPS	Urban or Rural	1,1,2,2-TCA	1,3-Butadiene	1,3-Dichloropropene	Acetaldehyde	Acrolein	Acrylonitrile	Arsenic	Benzene	Beryllium	Cadmium	Carbon Tetrachloride	Chloroform	Chromium
National	All	99999	-	2.33E-04	4.79E-02	5.20E-02	4.82E-01	7.21E-02	5.62E-04	4.83E-05	1.19E+00	8.35E-06	3.90E-05	6.41E-01	6.90E-02	5.15E-04
National	All Urban Counties	99998	U	3.50E-04	5.93E-02	6.60E-02	6.45E-01	8.89E-02	8.39E-04	6.25E-05	1.41E+00	1.08E-05	5.90E-05	6.41E-01	6.96E-02	8.25E-04
National	All Rural Counties	99998	R	3.62E-05	1.30E-02	7.09E-03	1.15E-01	3.03E-02	7.64E-05	1.01E-05	6.01E-01	1.09E-06	4.79E-06	6.40E-01	6.80E-02	5.05E-05
South Dakota	State Total	46000	-	7.71E-06	3.43E-03	2.31E-03	3.10E-02	5.08E-03	1.59E-05	1.18E-06	4.67E-01	2.84E-07	8.88E-07	6.41E-01	6.79E-02	6.14E-06
South Dakota	State Urban Counties	46000	U	1.96E-05	1.98E-02	2.21E-02	9.92E-02	1.95E-02	4.09E-05	1.34E-05	6.42E-01	2.52E-06	6.65E-06	6.41E-01	6.80E-02	3.24E-05
South Dakota	State Rural Counties	46000	R	1.05E-06	1.20E-03	5.14E-04	1.49E-02	1.96E-03	2.66E-06	2.05E-07	4.29E-01	5.89E-08	2.83E-07	6.41E-01	6.78E-02	1.45E-06
South Dakota	Aurora County	46003	R	2.57E-06	7.33E-04	3.97E-04	1.17E-02	1.38E-03	5.25E-06	1.40E-07	4.21E-01	3.94E-08	2.54E-07	6.39E-01	6.79E-02	1.15E-06
South Dakota	Beadle County	46005	U	1.33E-05	7.82E-03	5.17E-03	2.88E-02	5.00E-03	2.55E-05	2.93E-06	4.87E-01	8.33E-07	2.01E-06	6.37E-01	6.78E-02	8.12E-06
South Dakota	Bennett County	46007	R	3.28E-07	6.11E-04	2.18E-04	5.77E-03	1.31E-03	9.15E-07	6.94E-08	4.16E-01	2.04E-08	6.80E-08	6.39E-01	6.78E-02	4.54E-07
South Dakota	Bon Homme County	46009	R	9.57E-06	2.26E-03	8.55E-04	2.57E-02	3.87E-03	1.85E-05	3.64E-07	4.45E-01	9.92E-08	5.53E-07	6.34E-01	6.78E-02	6.50E-06
South Dakota	Brookings County	46011	U	6.15E-05	1.10E-02	1.51E-02	4.71E-02	8.45E-03	1.10E-04	7.76E-06	5.34E-01	1.93E-06	3.79E-06	6.36E-01	6.81E-02	3.83E-05
South Dakota	Brown County	46013	U	1.22E-05	1.48E-02	1.75E-02	5.22E-02	1.32E-02	2.62E-05	7.04E-06	5.60E-01	1.97E-06	3.18E-06	6.41E-01	6.79E-02	1.39E-05
South Dakota	Brule County	46015	R	3.45E-09	2.73E-03	1.30E-03	1.61E-02	2.98E-03	7.25E-07	5.38E-07	4.36E-01	1.65E-07	3.94E-07	6.40E-01	6.78E-02	1.77E-06
South Dakota	Buffalo County	46017	R	2.42E-09	1.02E-03	3.38E-04	9.98E-03	1.38E-03	5.08E-07	9.78E-08	4.19E-01	2.99E-08	6.54E-08	6.27E-01	6.79E-02	6.35E-07
South Dakota	Butte County	46019	U	9.65E-06	3.18E-03	1.61E-03	1.70E-02	7.91E-03	1.73E-05	2.21E-06	4.51E-01	2.43E-07	5.63E-07	6.44E-01	6.79E-02	2.74E-06
South Dakota	Campbell County	46021	R	5.29E-07	4.86E-04	1.95E-04	5.90E-03	5.47E-04	1.17E-06	6.30E-08	4.12E-01	1.94E-08	4.97E-08	6.41E-01	6.74E-02	3.52E-07
South Dakota	Charles Mix County	46023	R	5.36E-07	1.19E-03	5.14E-04	1.54E-02	1.86E-03	1.69E-06	1.78E-07	4.29E-01	5.17E-08	2.27E-07	6.42E-01	6.78E-02	1.01E-06
South Dakota	Clark County	46025	R	4.70E-07	7.16E-04	3.82E-04	1.10E-02	1.30E-03	1.40E-06	1.37E-07	4.24E-01	3.72E-08	1.32E-07	6.37E-01	6.79E-02	1.14E-06
South Dakota	Clay County	46027	U	2.72E-06	1.98E-02	4.38E-02	6.34E-02	1.38E-02	9.05E-06	1.43E-05	6.26E-01	4.33E-06	6.68E-06	6.45E-01	6.79E-02	4.13E-05
South Dakota	Codington County	46029	U	1.63E-05	9.99E-03	8.68E-03	4.15E-02	1.08E-02	3.32E-05	4.07E-06	4.96E-01	9.68E-07	2.39E-06	6.38E-01	6.80E-02	5.50E-05
South Dakota	Corson County	46031	R	4.92E-08	5.02E-04	0.00E+00	6.10E-03	8.58E-04	2.83E-07	3.51E-08	4.09E-01	1.08E-08	1.66E-08	6.51E-01	6.74E-02	2.66E-07
South Dakota	Custer County	46033	R	6.70E-06	6.70E-02	0.00E+00	1.51E-01	1.10E-01	1.24E-05	9.36E-07	6.85E-01	1.79E-07	5.59E-07	6.33E-01	6.80E-02	2.76E-06
South Dakota	Davison County	46035	U	4.15E-05	7.88E-03	3.97E-03	3.24E-02	7.80E-03	8.38E-05	4.04E-06	4.82E-01	1.10E-06	3.11E-06	6.41E-01	6.77E-02	3.81E-05
South Dakota	Day County	46037	R	9.21E-07	1.05E-03	3.78E-04	1.48E-02	1.71E-03	2.41E-06	1.41E-07	4.29E-01	3.86E-08	2.02E-07	6.41E-01	6.77E-02	9.46E-07
South Dakota	Deuel County	46039	R	4.28E-06	2.14E-03	1.44E-03	2.27E-02	3.95E-03	1.25E-05	8.35E-07	4.56E-01	1.82E-07	5.41E-07	6.37E-01	6.79E-02	4.77E-06
South Dakota	Dewey County	46041	R	1.33E-09	5.34E-04	1.85E-04	6.48E-03	6.57E-04	2.79E-07	6.09E-08	4.16E-01	1.82E-08	4.35E-08	6.43E-01	6.78E-02	3.66E-07
South Dakota	Douglas County	46043	R	8.62E-07	1.09E-03	5.09E-04	1.31E-02	1.45E-03	2.33E-06	1.93E-07	4.31E-01	5.22E-08	4.58E-07	6.45E-01	6.78E-02	1.19E-06
South Dakota	Edmunds County	46045	R	1.17E-06	7.19E-04	3.08E-04	8.42E-03	1.32E-03	2.42E-06	1.02E-07	4.19E-01	3.03E-08	1.18E-07	6.44E-01	6.78E-02	5.57E-07
South Dakota	Fall River County	46047	U	2.08E-06	6.46E-03	1.94E-03	3.58E-02	1.21E-02	4.31E-06	6.91E-07	4.51E-01	2.08E-07	6.47E-07	6.49E-01	6.77E-02	1.84E-06
South Dakota	Faulk County	46049	R	5.45E-09	5.18E-04	1.68E-04	5.96E-03	8.36E-04	2.72E-07	5.23E-08	4.14E-01	1.48E-08	8.98E-08	6.44E-01	6.79E-02	3.39E-07
South Dakota	Grant County	46051	R	6.55E-07	1.93E-03	1.01E-03	1.90E-02	3.38E-03	2.98E-06	9.70E-07	4.37E-01	1.41E-07	5.43E-07	6.41E-01	6.79E-02	3.94E-06
South Dakota	Gregory County	46053	R	8.25E-07	1.35E-03	3.54E-04	1.05E-02	2.01E-03	2.00E-06	1.17E-07	4.19E-01	3.34E-08	1.74E-07	6.52E-01	6.75E-02	7.64E-07
South Dakota	Haakon County	46055	R	3.68E-07	3.06E-04	9.11E-05	3.02E-03	5.09E-04	7.65E-07	3.55E-08	4.08E-01	9.48E-09	3.51E-08	6.46E-01	6.74E-02	1.84E-07
South Dakota	Hamlin County	46057	R	6.97E-06	1.52E-03	9.04E-04	1.86E-02	2.54E-03	1.34E-05	3.23E-07	4.42E-01	8.98E-08	3.86E-07	6.39E-01	6.77E-02	2.93E-06

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State	County	FIPS	Urban or Rural	Coke Oven Emissions	Diesel PM	Ethylene Dibromide	Ethylene Dichloride	Ethylene Oxide	Formaldehyde	Hexachlorobenzene	Hydrazine	Lead	Manganese	Mercury	Methylene Chloride	Nickel	
National	All	99999	-	0.00E+00	1.07E+00	6.08E-03	5.27E-02	1.25E-03	6.77E-01	7.51E-05	3.71E-08	1.54E-03	1.06E-03	1.33E-03	2.72E-01	7.43E-04	
National	All Urban Counties	99998	U	0.00E+00	1.30E+00	6.08E-03	5.28E-02	1.80E-03	8.22E-01	7.51E-05	6.61E-08	2.50E-03	1.32E-03	1.40E-03	3.22E-01	1.10E-03	
National	All Rural Counties	99998	R	0.00E+00	4.63E-01	6.08E-03	5.26E-02	1.05E-04	3.45E-01	7.51E-05	9.29E-10	1.45E-04	2.38E-04	1.21E-03	1.40E-01	8.37E-05	
South Dakota	State Total	46000	-	0.00E+00	2.23E-01	6.08E-03	5.25E-02	5.21E-05	2.16E-01	7.52E-05	1.18E-10	5.51E-05	1.66E-04	1.19E-03	1.26E-01	1.49E-05	
South Dakota	State Urban Counties	46000	U	0.00E+00	3.02E-01	6.08E-03	5.25E-02	5.24E-04	3.01E-01	7.52E-05	3.70E-09	4.21E-04	7.28E-04	1.21E-03	1.62E-01	1.24E-04	
South Dakota	State Rural Counties	46000	R	0.00E+00	1.78E-01	6.08E-03	5.25E-02	1.22E-05	1.93E-01	7.51E-05	7.57E-12	1.21E-05	1.33E-05	1.19E-03	1.22E-01	2.92E-06	
South Dakota	Aurora County	46003	R	0.00E+00	1.53E-01	6.09E-03	5.26E-02	6.44E-06	1.88E-01	7.52E-05	8.93E-11	1.38E-05	1.55E-03	1.19E-03	1.22E-01	1.88E-06	
South Dakota	Beadle County	46005	U	0.00E+00	2.95E-01	6.07E-03	5.24E-02	6.42E-05	2.12E-01	7.53E-05	0.00E+00	3.98E-04	5.37E-04	1.19E-03	1.31E-01	3.61E-05	
South Dakota	Bennett County	46007	R	0.00E+00	5.46E-02	6.07E-03	5.27E-02	9.33E-06	1.82E-01	7.50E-05	0.00E+00	2.14E-06	3.53E-06	1.18E-03	1.20E-01	8.44E-07	
South Dakota	Bon Homme County	46009	R	0.00E+00	2.24E-01	6.08E-03	5.26E-02	2.61E-05	2.04E-01	7.51E-05	3.45E-09	2.31E-05	1.88E-05	1.19E-03	1.22E-01	6.23E-06	
South Dakota	Brookings County	46011	U	0.00E+00	3.93E-01	6.08E-03	5.27E-02	2.42E-04	2.41E-01	7.54E-05	2.56E-11	2.86E-04	1.68E-03	1.20E-03	1.57E-01	1.83E-04	
South Dakota	Brown County	46013	U	0.00E+00	3.75E-01	6.08E-03	5.25E-02	6.18E-04	2.59E-01	7.55E-05	2.85E-08	5.97E-04	2.44E-04	1.19E-03	1.51E-01	1.09E-04	
South Dakota	Brule County	46015	R	0.00E+00	1.53E-01	6.08E-03	5.25E-02	5.08E-05	1.98E-01	7.52E-05	0.00E+00	1.66E-05	1.75E-05	1.19E-03	1.23E-01	6.47E-06	
South Dakota	Buffalo County	46017	R	0.00E+00	1.23E-01	6.06E-03	5.30E-02	2.37E-06	1.82E-01	7.51E-05	0.00E+00	1.35E-06	5.49E-06	1.18E-03	1.20E-01	8.42E-07	
South Dakota	Butte County	46019	U	0.00E+00	4.89E-02	6.09E-03	5.26E-02	3.38E-05	2.11E-01	7.51E-05	1.94E-11	1.08E-05	3.30E-05	1.19E-03	1.23E-01	7.01E-06	
South Dakota	Campbell County	46021	R	0.00E+00	1.09E-01	6.07E-03	5.20E-02	2.62E-06	1.81E-01	7.49E-05	0.00E+00	9.53E-07	3.16E-06	1.18E-03	1.20E-01	6.64E-07	
South Dakota	Charles Mix County	46023	R	0.00E+00	1.72E-01	6.08E-03	5.24E-02	1.49E-05	1.90E-01	7.52E-05	3.21E-11	4.74E-06	1.04E-05	1.19E-03	1.21E-01	2.26E-06	
South Dakota	Clark County	46025	R	0.00E+00	1.76E-01	6.09E-03	5.27E-02	1.70E-06	1.87E-01	7.52E-05	0.00E+00	1.18E-05	6.35E-06	1.19E-03	1.21E-01	1.96E-06	
South Dakota	Clay County	46027	U	0.00E+00	5.67E-01	6.08E-03	5.24E-02	6.78E-04	2.75E-01	7.53E-05	7.83E-11	1.82E-04	6.08E-04	1.20E-03	2.10E-01	1.50E-04	
South Dakota	Codington County	46029	U	0.00E+00	3.10E-01	6.08E-03	5.28E-02	7.78E-05	2.46E-01	7.53E-05	1.05E-10	4.71E-04	1.15E-04	1.20E-03	1.63E-01	6.87E-05	
South Dakota	Corson County	46031	R	0.00E+00	7.60E-02	6.07E-03	5.20E-02	2.52E-07	1.85E-01	7.48E-05	0.00E+00	3.31E-07	2.27E-06	1.18E-03	1.21E-01	2.62E-07	
South Dakota	Custer County	46033	R	0.00E+00	5.07E-02	6.08E-03	5.30E-02	1.19E-05	6.51E-01	7.52E-05	4.03E-12	1.39E-05	3.56E-05	1.19E-03	1.24E-01	8.50E-06	
South Dakota	Davison County	46035	U	0.00E+00	2.77E-01	6.08E-03	5.24E-02	3.36E-04	2.28E-01	7.51E-05	7.90E-08	2.21E-04	2.76E-02	1.21E-03	1.37E-01	7.88E-05	
South Dakota	Day County	46037	R	0.00E+00	1.93E-01	6.08E-03	5.25E-02	6.77E-06	1.90E-01	7.51E-05	6.07E-12	4.06E-06	5.18E-06	1.19E-03	1.21E-01	2.30E-06	
South Dakota	Deuel County	46039	R	0.00E+00	2.89E-01	6.08E-03	5.27E-02	4.20E-05	2.02E-01	7.54E-05	3.46E-08	2.41E-05	2.62E-05	1.19E-03	1.24E-01	1.21E-05	
South Dakota	Dewey County	46041	R	0.00E+00	6.53E-02	6.08E-03	5.26E-02	1.96E-06	1.81E-01	7.50E-05	0.00E+00	6.71E-07	2.63E-06	1.19E-03	1.20E-01	6.20E-07	
South Dakota	Douglas County	46043	R	0.00E+00	1.68E-01	6.09E-03	5.22E-02	1.21E-05	1.90E-01	7.53E-05	2.95E-11	9.25E-06	1.42E-05	1.19E-03	1.22E-01	2.36E-06	
South Dakota	Edmunds County	46045	R	0.00E+00	1.34E-01	6.08E-03	5.23E-02	1.32E-05	1.87E-01	7.53E-05	1.67E-11	1.93E-05	5.09E-06	1.19E-03	1.22E-01	1.10E-06	
South Dakota	Fall River County	46047	U	0.00E+00	5.37E-02	6.08E-03	5.23E-02	2.00E-04	2.38E-01	7.50E-05	0.00E+00	1.49E-05	2.03E-05	1.19E-03	1.24E-01	6.75E-06	
South Dakota	Faulk County	46049	R	0.00E+00	1.37E-01	6.09E-03	5.22E-02	4.22E-06	1.83E-01	7.53E-05	0.00E+00	1.41E-06	2.85E-06	1.19E-03	1.21E-01	4.01E-07	
South Dakota	Grant County	46051	R	0.00E+00	2.43E-01	6.09E-03	5.26E-02	2.53E-05	1.98E-01	7.52E-05	7.16E-11	1.21E-05	1.06E-05	1.19E-03	1.22E-01	9.62E-06	
South Dakota	Gregory County	46053	R	0.00E+00	1.24E-01	6.08E-03	5.20E-02	1.17E-05	1.92E-01	7.49E-05	0.00E+00	4.03E-06	5.32E-06	1.19E-03	1.21E-01	1.38E-06	
South Dakota	Haakon County	46055	R	0.00E+00	5.22E-02	6.07E-03	5.23E-02	2.01E-06	1.81E-01	7.47E-05	0.00E+00	1.21E-06	1.57E-06	1.18E-03	1.20E-01	5.64E-07	
South Dakota	Hamlin County	46057	R	0.00E+00	2.13E-01	6.08E-03	5.27E-02	7.01E-06	1.98E-01	7.50E-05	6.53E-11	3.17E-05	2.46E-05	1.19E-03	1.23E-01	4.49E-06	

1996 Modeled Exposure Concentrations 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. The results are less certain. In addition, these results represent conditions in 1996 rather than current conditions.

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

				Estimated Annual Median Exposure Concentrations (ug/m3) for South Dakota											
State	County	FIPS	Urban or Rural	PCBS	Perchloroethylene	POM (total)	Propylene Dichloride	Quinoline	Trichloroethylene	Vinyl Chloride					
National	All	99999	-	3.00E-04	1.84E-01	4.27E-02	3.11E-05	1.85E-07	9.86E-02	7.61E-04					
National	All Urban Counties	99998	U	3.00E-04	2.13E-01	5.26E-02	4.73E-05	3.22E-07	1.12E-01	1.16E-03					
National	All Rural Counties	99998	R	3.00E-04	1.14E-01	9.18E-03	4.85E-06	1.07E-08	7.06E-02	1.05E-04					
South Dakota	State Total	46000	-	3.00E-04	1.09E-01	3.03E-03	1.04E-06	1.96E-09	6.89E-02	1.83E-05					
South Dakota	State Urban Counties	46000	U	3.00E-04	1.31E-01	2.28E-02	2.65E-06	1.31E-08	7.71E-02	4.70E-05					
South Dakota	State Rural Counties	46000	R	3.00E-04	1.06E-01	6.63E-04	1.43E-07	1.71E-10	6.78E-02	2.78E-06					
South Dakota	Aurora County	46003	R	3.01E-04	1.06E-01	4.23E-04	3.24E-07	1.98E-09	6.76E-02	6.10E-06					
South Dakota	Beadle County	46005	U	2.99E-04	1.14E-01	7.75E-03	1.53E-06	0.00E+00	6.85E-02	3.12E-05					
South Dakota	Bennett County	46007	R	3.00E-04	1.05E-01	3.98E-04	4.66E-08	0.00E+00	6.75E-02	7.72E-07					
South Dakota	Bon Homme County	46009	R	3.00E-04	1.06E-01	1.12E-03	1.21E-06	1.30E-08	6.89E-02	2.28E-05					
South Dakota	Brookings County	46011	U	3.00E-04	1.21E-01	1.27E-02	6.83E-06	4.28E-10	7.39E-02	1.45E-04					
South Dakota	Brown County	46013	U	3.00E-04	1.24E-01	1.59E-02	2.10E-06	7.69E-08	7.35E-02	3.03E-05					
South Dakota	Brule County	46015	R	3.00E-04	1.07E-01	1.29E-03	2.26E-08	0.00E+00	6.81E-02	1.26E-08					
South Dakota	Buffalo County	46017	R	2.99E-04	1.04E-01	3.66E-04	1.58E-08	0.00E+00	6.77E-02	8.82E-09					
South Dakota	Butte County	46019	U	3.01E-04	1.08E-01	2.25E-03	1.08E-06	4.73E-10	6.79E-02	2.26E-05					
South Dakota	Campbell County	46021	R	2.99E-04	1.06E-01	1.82E-04	6.55E-08	0.00E+00	6.70E-02	1.24E-06					
South Dakota	Charles Mix County	46023	R	3.00E-04	1.06E-01	5.36E-04	8.95E-08	7.95E-10	6.73E-02	1.29E-06					
South Dakota	Clark County	46025	R	3.01E-04	1.06E-01	5.10E-04	6.97E-08	0.00E+00	6.88E-02	1.11E-06					
South Dakota	Clay County	46027	U	3.00E-04	1.55E-01	3.66E-02	4.52E-07	1.67E-09	7.81E-02	6.45E-06					
South Dakota	Codington County	46029	U	3.00E-04	1.32E-01	7.62E-03	1.95E-06	1.96E-09	1.11E-01	3.84E-05					
South Dakota	Corson County	46031	R	3.00E-04	1.06E-01	2.43E-04	1.14E-08	0.00E+00	6.70E-02	1.17E-07					
South Dakota	Custer County	46033	R	3.00E-04	1.06E-01	1.94E-02	7.56E-07	1.01E-10	6.81E-02	1.57E-05					
South Dakota	Davison County	46035	U	3.00E-04	1.15E-01	7.69E-03	6.60E-06	2.13E-07	7.08E-02	1.04E-04					
South Dakota	Day County	46037	R	3.00E-04	1.06E-01	4.08E-04	1.28E-07	9.33E-11	6.79E-02	2.17E-06					
South Dakota	Deuel County	46039	R	3.00E-04	1.06E-01	2.90E-03	1.37E-06	9.39E-08	7.00E-02	1.31E-05					
South Dakota	Dewey County	46041	R	3.00E-04	1.05E-01	1.75E-04	8.69E-09	0.00E+00	6.74E-02	4.84E-09					
South Dakota	Douglas County	46043	R	3.00E-04	1.06E-01	6.38E-04	1.27E-07	6.61E-10	6.72E-02	2.04E-06					
South Dakota	Edmunds County	46045	R	3.00E-04	1.06E-01	3.67E-04	1.43E-07	3.23E-10	6.74E-02	2.75E-06					
South Dakota	Fall River County	46047	U	3.00E-04	1.08E-01	3.24E-03	2.49E-07	0.00E+00	6.77E-02	4.90E-06					
South Dakota	Faulk County	46049	R	3.01E-04	1.06E-01	1.99E-04	8.69E-09	0.00E+00	6.73E-02	1.44E-08					
South Dakota	Grant County	46051	R	3.00E-04	1.06E-01	1.69E-03	8.37E-08	1.03E-09	6.81E-02	4.23E-06					
South Dakota	Gregory County	46053	R	3.00E-04	1.06E-01	4.77E-04	1.08E-07	0.00E+00	6.71E-02	1.94E-06					
South Dakota	Haakon County	46055	R	2.99E-04	1.06E-01	1.25E-04	4.43E-08	0.00E+00	6.70E-02	8.62E-07					
South Dakota	Hamlin County	46057	R	3.00E-04	1.07E-01	1.08E-03	8.12E-07	1.00E-09	7.02E-02	1.64E-05					

				Estimated Annual Median Exposure Concentrations (ug/m3) for South Dakota												
State	County	FIPS	Urban or Rural	1,1,2,2-TCA	1,3-Butadiene	1,3-Dichloropropene	Acetaldehyde	Acrolein	Acrylonitrile	Arsenic	Benzene	Beryllium	Cadmium	Carbon Tetrachloride	Chloroform	Chromium
South Dakota	Hand County	46059	R	1.19E-06	1.88E-03	1.45E-03	1.38E-02	1.65E-03	2.47E-06	4.86E-07	4.43E-01	1.51E-07	2.96E-07	6.38E-01	6.79E-02	2.03E-06
South Dakota	Hanson County	46061	R	6.85E-06	1.27E-03	8.14E-04	1.82E-02	2.28E-03	1.35E-05	2.89E-07	4.38E-01	8.26E-08	3.65E-07	6.50E-01	6.78E-02	2.82E-06
South Dakota	Harding County	46063	R	1.99E-10	1.09E-04	2.93E-05	8.99E-04	1.47E-04	4.18E-08	8.35E-09	4.08E-01	2.52E-09	3.64E-09	6.35E-01	6.79E-02	5.62E-08
South Dakota	Hughes County	46065	U	6.66E-06	1.77E-02	2.84E-02	4.62E-02	1.19E-02	1.53E-05	1.05E-05	6.17E-01	3.29E-06	5.09E-06	6.37E-01	6.80E-02	1.94E-05
South Dakota	Hutchinson County	46067	R	2.69E-06	1.59E-03	8.40E-04	1.81E-02	2.47E-03	6.01E-06	3.43E-07	4.37E-01	9.27E-08	3.64E-07	6.45E-01	6.78E-02	2.03E-06
South Dakota	Hyde County	46069	R	4.25E-07	3.40E-04	1.38E-04	5.25E-03	5.71E-04	1.02E-06	4.95E-08	4.10E-01	1.51E-08	5.00E-08	6.46E-01	6.75E-02	3.53E-07
South Dakota	Jackson County	46071	R	3.23E-06	5.12E-04	1.54E-04	4.53E-03	9.74E-04	5.77E-06	5.04E-08	4.12E-01	1.41E-08	5.24E-08	6.43E-01	6.79E-02	3.07E-07
South Dakota	Jerauld County	46073	R	2.94E-06	2.90E-03	2.91E-03	1.75E-02	2.07E-03	5.51E-06	1.15E-06	4.46E-01	3.60E-07	6.51E-07	6.35E-01	6.79E-02	4.25E-06
South Dakota	Jones County	46075	R	5.80E-10	3.41E-04	8.09E-05	2.78E-03	6.78E-04	1.22E-07	2.71E-08	4.13E-01	7.86E-09	1.19E-08	6.37E-01	6.77E-02	1.55E-07
South Dakota	Kingsbury County	46077	R	2.91E-06	1.03E-03	5.71E-04	1.44E-02	1.58E-03	5.87E-06	2.14E-07	4.29E-01	5.90E-08	2.83E-07	6.45E-01	6.77E-02	1.27E-06
South Dakota	Lake County	46079	U	1.84E-05	2.91E-03	2.56E-03	3.72E-02	4.35E-03	3.43E-05	1.08E-06	4.59E-01	2.87E-07	1.44E-06	6.40E-01	6.77E-02	4.78E-06
South Dakota	Lawrence County	46081	U	8.61E-06	3.26E-02	5.30E-03	9.92E-02	4.85E-02	1.70E-05	6.34E-06	6.99E-01	5.53E-07	2.03E-06	6.42E-01	6.78E-02	1.19E-05
South Dakota	Lincoln County	46083	R	8.54E-06	4.11E-03	4.13E-03	6.23E-02	7.26E-03	1.91E-05	1.83E-06	5.09E-01	5.03E-07	1.53E-06	6.43E-01	6.79E-02	7.00E-06
South Dakota	Lyman County	46085	R	1.03E-09	4.77E-04	1.83E-04	5.81E-03	7.72E-04	2.18E-07	5.65E-08	4.13E-01	1.79E-08	2.72E-08	6.41E-01	6.76E-02	3.23E-07
South Dakota	McCook County	46087	R	6.26E-06	1.72E-03	9.07E-04	2.79E-02	3.21E-03	1.28E-05	4.30E-07	4.46E-01	1.23E-07	7.72E-07	6.40E-01	6.78E-02	2.40E-06
South Dakota	McPherson County	46089	R	5.38E-06	5.55E-04	2.00E-04	8.05E-03	9.69E-04	9.59E-06	6.87E-08	4.19E-01	1.91E-08	1.32E-07	6.44E-01	6.77E-02	4.07E-07
South Dakota	Marshall County	46091	R	1.95E-06	1.09E-03	4.11E-04	1.54E-02	2.23E-03	4.17E-06	1.72E-07	4.27E-01	4.47E-08	1.87E-07	6.45E-01	6.75E-02	1.42E-06
South Dakota	Meade County	46093	R	5.99E-06	7.23E-03	1.13E-02	6.37E-02	1.58E-02	1.25E-05	6.67E-06	5.46E-01	9.78E-07	2.02E-06	6.40E-01	6.78E-02	9.61E-06
South Dakota	Mellette County	46095	R	1.14E-09	5.00E-04	1.71E-04	5.12E-03	1.17E-03	2.40E-07	4.55E-08	4.07E-01	1.42E-08	3.04E-08	6.50E-01	6.74E-02	3.23E-07
South Dakota	Miner County	46097	R	3.15E-06	1.16E-03	5.42E-04	1.40E-02	1.52E-03	6.29E-06	1.78E-07	4.27E-01	5.17E-08	2.14E-07	6.46E-01	6.78E-02	1.15E-06
South Dakota	Minnehaha County	46099	U	5.05E-05	5.32E-02	5.31E-02	2.46E-01	3.37E-02	1.03E-04	2.28E-05	1.04E+00	6.85E-06	1.41E-05	6.40E-01	6.83E-02	4.15E-05
South Dakota	Moody County	46101	R	1.89E-05	3.78E-03	1.96E-03	4.50E-02	6.63E-03	3.70E-05	8.04E-07	4.72E-01	2.22E-07	1.18E-06	6.41E-01	6.81E-02	6.83E-06
South Dakota	Pennington County	46103	U	2.14E-05	4.99E-02	3.06E-02	2.06E-01	6.40E-02	4.32E-05	3.78E-05	8.40E-01	4.07E-06	9.07E-06	6.42E-01	6.80E-02	3.91E-05
South Dakota	Perkins County	46105	R	1.94E-07	1.91E-04	7.93E-05	2.56E-03	2.29E-04	4.43E-07	2.89E-08	4.12E-01	7.99E-09	1.99E-08	6.43E-01	6.76E-02	1.58E-07
South Dakota	Potter County	46107	R	3.95E-08	6.02E-04	1.89E-04	6.74E-03	6.36E-04	3.79E-07	6.87E-08	4.16E-01	2.01E-08	8.10E-08	6.41E-01	6.79E-02	4.15E-07
South Dakota	Roberts County	46109	R	3.85E-07	1.56E-03	6.68E-04	1.74E-02	2.66E-03	2.25E-06	1.64E-06	4.32E-01	1.87E-07	6.46E-07	6.43E-01	6.77E-02	4.78E-06
South Dakota	Sanborn County	46111	R	3.64E-06	9.79E-04	5.91E-04	1.22E-02	1.65E-03	7.25E-06	2.30E-07	4.25E-01	6.32E-08	3.55E-07	6.44E-01	6.77E-02	1.81E-06
South Dakota	Shannon County	46113	R	3.23E-09	9.15E-04	3.75E-04	6.70E-03	1.90E-03	5.68E-07	1.09E-07	4.17E-01	3.33E-08	1.02E-07	6.40E-01	6.76E-02	7.35E-07
South Dakota	Spink County	46115	R	7.92E-07	7.37E-04	5.05E-04	1.19E-02	1.84E-03	1.93E-06	1.74E-07	4.23E-01	5.23E-08	1.49E-07	6.34E-01	6.80E-02	9.06E-07
South Dakota	Stanley County	46117	R	9.86E-07	9.39E-04	1.66E-03	1.25E-02	1.70E-03	2.28E-06	5.63E-07	4.37E-01	1.78E-07	3.20E-07	6.42E-01	6.76E-02	1.49E-06
South Dakota	Sully County	46119	R	6.32E-07	4.88E-04	1.82E-04	8.25E-03	8.04E-04	1.46E-06	6.29E-08	4.12E-01	1.95E-08	7.23E-08	6.40E-01	6.74E-02	4.07E-07
South Dakota	Todd County	46121	R	3.18E-09	1.11E-03	5.05E-04	1.29E-02	2.09E-03	6.68E-07	1.42E-07	4.26E-01	4.30E-08	1.40E-07	6.37E-01	6.79E-02	9.03E-07
South Dakota	Tripp County	46123	R	2.10E-08	1.58E-03	2.00E-03	1.38E-02	1.92E-03	4.91E-07	6.55E-07	4.27E-01	2.06E-07	3.89E-07	6.46E-01	6.75E-02	2.57E-06
South Dakota	Turner County	46125	R	6.15E-06	2.36E-03	1.55E-03	3.89E-02	4.46E-03	1.35E-05	6.83E-07	4.62E-01	2.01E-07	1.02E-06	6.40E-01	6.79E-02	7.18E-06
South Dakota	Union County	46127	R	1.57E-05	3.43E-03	2.95E-03	5.57E-02	6.57E-03	3.39E-05	2.05E-06	4.82E-01	4.53E-07	2.03E-06	6.42E-01	6.79E-02	2.26E-05
South Dakota	Walworth County	46129	U	2.87E-07	1.62E-03	1.80E-03	9.83E-03	1.08E-03	9.45E-07	6.64E-07	4.27E-01	2.02E-07	4.46E-07	6.39E-01	6.79E-02	1.49E-06
South Dakota	Yankton County	46135	U	1.09E-05	1.17E-02	1.28E-02	6.43E-02	1.14E-02	2.46E-05	5.95E-06	5.43E-01	1.53E-06	3.89E-06	6.38E-01	6.79E-02	2.95E-04
South Dakota	Ziebach County	46137	R	6.10E-10	1.68E-04	8.41E-05	2.97E-03	2.90E-04	1.28E-07	3.14E-08	4.11E-01	7.71E-09	1.54E-08	6.43E-01	6.81E-02	1.74E-07

				Estimated Annual Median Exposure Concentrations (ug/m3) for South Dakota												
State	County	FIPS	Urban or Rural	Coke Oven Emissions	Diesel PM	Ethylene Dibromide	Ethylene Dichloride	Ethylene Oxide	Formaldehyde	Hexachlorobenzene	Hydrazine	Lead	Manganese	Mercury	Methylene Chloride	Nickel
South Dakota	Hand County	46059	R	0.00E+00	2.45E-01	6.07E-03	5.27E-02	2.48E-05	1.93E-01	7.53E-05	0.00E+00	1.44E-05	2.29E-05	1.19E-03	1.23E-01	5.36E-06
South Dakota	Hanson County	46061	R	0.00E+00	2.13E-01	6.10E-03	5.23E-02	1.79E-05	2.00E-01	7.51E-05	7.56E-10	3.31E-05	5.51E-03	1.19E-03	1.23E-01	4.20E-06
South Dakota	Harding County	46063	R	0.00E+00	3.91E-02	6.09E-03	5.27E-02	2.51E-08	1.75E-01	7.52E-05	0.00E+00	6.77E-08	4.82E-07	1.19E-03	1.21E-01	8.45E-08
South Dakota	Hughes County	46065	U	0.00E+00	2.52E-01	6.08E-03	5.29E-02	6.30E-04	2.54E-01	7.53E-05	1.72E-08	4.07E-04	3.65E-04	1.20E-03	1.75E-01	1.24E-04
South Dakota	Hutchinson County	46067	R	0.00E+00	2.15E-01	6.07E-03	5.24E-02	3.17E-05	1.98E-01	7.52E-05	2.87E-10	1.40E-05	1.29E-05	1.19E-03	1.21E-01	4.06E-06
South Dakota	Hyde County	46069	R	0.00E+00	1.10E-01	6.08E-03	5.20E-02	8.01E-07	1.82E-01	7.48E-05	5.83E-13	9.48E-07	2.42E-06	1.19E-03	1.21E-01	5.92E-07
South Dakota	Jackson County	46071	R	0.00E+00	5.59E-02	6.09E-03	5.27E-02	1.93E-06	1.82E-01	7.52E-05	0.00E+00	1.22E-06	2.62E-06	1.19E-03	1.21E-01	5.67E-07
South Dakota	Jerauld County	46073	R	0.00E+00	3.03E-01	6.09E-03	5.28E-02	1.43E-04	1.98E-01	7.56E-05	0.00E+00	8.24E-05	4.76E-05	1.19E-03	1.29E-01	1.49E-05
South Dakota	Jones County	46075	R	0.00E+00	6.44E-02	6.08E-03	5.25E-02	7.33E-08	1.78E-01	7.50E-05	0.00E+00	3.25E-07	1.36E-06	1.18E-03	1.20E-01	3.93E-07
South Dakota	Kingsbury County	46077	R	0.00E+00	2.01E-01	6.08E-03	5.25E-02	6.78E-06	1.91E-01	7.51E-05	0.00E+00	1.99E-05	6.77E-05	1.19E-03	1.21E-01	3.54E-06
South Dakota	Lake County	46079	U	0.00E+00	2.62E-01	6.09E-03	5.22E-02	7.40E-05	2.16E-01	7.52E-05	1.42E-11	5.07E-05	2.85E-03	1.20E-03	1.26E-01	2.29E-05
South Dakota	Lawrence County	46081	U	0.00E+00	8.23E-02	6.08E-03	5.24E-02	6.90E-05	3.89E-01	7.51E-05	2.49E-09	4.37E-05	6.05E-04	1.19E-03	1.30E-01	2.21E-05
South Dakota	Lincoln County	46083	R	0.00E+00	3.28E-01	6.09E-03	5.26E-02	1.12E-04	2.45E-01	7.52E-05	9.71E-10	1.08E-04	6.83E-05	1.20E-03	1.32E-01	3.66E-05
South Dakota	Lyman County	46085	R	0.00E+00	9.43E-02	6.07E-03	5.24E-02	2.60E-06	1.81E-01	7.49E-05	0.00E+00	7.73E-07	2.98E-06	1.18E-03	1.20E-01	5.17E-07
South Dakota	McCook County	46087	R	0.00E+00	2.43E-01	6.09E-03	5.26E-02	3.96E-05	2.06E-01	7.51E-05	4.69E-11	1.40E-05	1.55E-04	1.19E-03	1.23E-01	7.43E-06
South Dakota	McPherson County	46089	R	0.00E+00	1.35E-01	6.08E-03	5.25E-02	7.59E-06	1.86E-01	7.50E-05	0.00E+00	3.14E-06	3.44E-06	1.19E-03	1.21E-01	7.36E-07
South Dakota	Marshall County	46091	R	0.00E+00	1.93E-01	6.08E-03	5.19E-02	6.78E-06	1.94E-01	7.48E-05	1.04E-11	4.16E-06	1.18E-03	1.19E-03	1.20E-01	3.61E-06
South Dakota	Meade County	46093	R	0.00E+00	6.96E-02	6.07E-03	5.25E-02	3.90E-05	2.64E-01	7.50E-05	5.83E-09	3.78E-05	3.05E-04	1.19E-03	1.35E-01	2.32E-05
South Dakota	Mellette County	46095	R	0.00E+00	5.79E-02	6.08E-03	5.19E-02	1.37E-06	1.85E-01	7.49E-05	0.00E+00	1.59E-06	2.84E-06	1.19E-03	1.21E-01	3.60E-07
South Dakota	Miner County	46097	R	0.00E+00	2.07E-01	6.09E-03	5.23E-02	3.63E-06	1.93E-01	7.52E-05	1.61E-11	7.67E-06	5.68E-04	1.19E-03	1.22E-01	2.23E-06
South Dakota	Minnehaha County	46099	U	0.00E+00	5.48E-01	6.08E-03	5.26E-02	1.87E-03	4.56E-01	7.51E-05	1.45E-08	8.18E-04	8.77E-04	1.25E-03	2.04E-01	3.66E-04
South Dakota	Moody County	46101	R	0.00E+00	3.09E-01	6.08E-03	5.31E-02	4.50E-05	2.28E-01	7.53E-05	4.02E-11	4.62E-05	4.54E-04	1.20E-03	1.34E-01	1.57E-05
South Dakota	Pennington County	46103	U	0.00E+00	1.57E-01	6.08E-03	5.25E-02	4.56E-04	5.58E-01	7.51E-05	4.05E-09	2.53E-04	2.10E-03	1.21E-03	1.71E-01	1.07E-04
South Dakota	Perkins County	46105	R	0.00E+00	5.45E-02	6.07E-03	5.24E-02	7.81E-07	1.78E-01	7.50E-05	0.00E+00	8.21E-07	1.31E-06	1.18E-03	1.20E-01	4.60E-07
South Dakota	Potter County	46107	R	0.00E+00	1.12E-01	6.08E-03	5.25E-02	1.09E-05	1.81E-01	7.52E-05	0.00E+00	2.62E-06	3.22E-06	1.19E-03	1.21E-01	8.66E-07
South Dakota	Roberts County	46109	R	0.00E+00	2.23E-01	6.09E-03	5.23E-02	1.45E-05	1.97E-01	7.51E-05	2.83E-10	8.77E-06	1.14E-05	1.19E-03	1.22E-01	5.15E-06
South Dakota	Sanborn County	46111	R	0.00E+00	1.66E-01	6.08E-03	5.24E-02	1.09E-05	1.92E-01	7.50E-05	3.59E-10	4.31E-05	5.03E-03	1.19E-03	1.22E-01	3.78E-06
South Dakota	Shannon County	46113	R	0.00E+00	4.55E-02	6.09E-03	5.24E-02	6.52E-06	1.86E-01	7.50E-05	0.00E+00	1.70E-06	5.19E-06	1.19E-03	1.21E-01	8.26E-07
South Dakota	Spink County	46115	R	0.00E+00	1.71E-01	6.09E-03	5.31E-02	1.74E-05	1.89E-01	7.53E-05	2.95E-11	3.93E-05	9.96E-06	1.19E-03	1.22E-01	2.34E-06
South Dakota	Stanley County	46117	R	0.00E+00	8.22E-02	6.08E-03	5.22E-02	3.59E-05	1.91E-01	7.49E-05	4.07E-10	8.15E-05	2.11E-05	1.19E-03	1.25E-01	6.71E-06
South Dakota	Sully County	46119	R	0.00E+00	1.05E-01	6.07E-03	5.21E-02	3.56E-06	1.83E-01	7.48E-05	6.15E-12	6.76E-06	3.11E-06	1.18E-03	1.22E-01	7.00E-07
South Dakota	Todd County	46121	R	0.00E+00	6.70E-02	6.08E-03	5.29E-02	1.00E-05	1.90E-01	7.52E-05	0.00E+00	2.46E-06	8.02E-06	1.19E-03	1.21E-01	1.22E-06
South Dakota	Tripp County	46123	R	0.00E+00	1.63E-01	6.07E-03	5.21E-02	6.90E-05	1.95E-01	7.49E-05	0.00E+00	8.73E-06	2.10E-05	1.19E-03	1.24E-01	6.70E-06
South Dakota	Turner County	46125	R	0.00E+00	2.74E-01	6.09E-03	5.25E-02	8.18E-05	2.18E-01	7.51E-05	6.88E-10	3.65E-05	2.37E-05	1.20E-03	1.24E-01	1.13E-05
South Dakota	Union County	46127	R	0.00E+00	3.49E-01	6.07E-03	5.23E-02	6.26E-05	2.35E-01	7.51E-05	8.91E-10	8.49E-05	5.22E-05	1.20E-03	1.28E-01	5.88E-05
South Dakota	Walworth County	46129	U	0.00E+00	1.09E-01	6.08E-03	5.27E-02	5.97E-05	1.85E-01	7.51E-05	0.00E+00	1.42E-05	2.18E-05	1.19E-03	1.24E-01	8.18E-06
South Dakota	Yankton County	46135	U	0.00E+00	4.83E-01	6.08E-03	5.25E-02	3.17E-04	2.62E-01	7.54E-05	1.24E-10	6.16E-04	6.90E-04	1.21E-03	1.45E-01	2.07E-04
South Dakota	Ziebach County	46137	R	0.00E+00	5.03E-02	6.09E-03	5.31E-02	2.86E-07	1.78E-01	7.53E-05	0.00E+00	2.23E-07	1.38E-06	1.19E-03	1.21E-01	2.05E-07

				Estimated Annual Median Exposure Concentrations (ug/m3) for South Dakota											
State	County	FIPS	Urban or Rural	PCBS	Perchloroethylene	POM (total)	Propylene Dichloride	Quinoline	Trichloroethylene	Vinyl Chloride					
South Dakota	Hand County	46059	R	3.00E-04	1.08E-01	2.09E-03	1.42E-07	0.00E+00	6.79E-02	2.78E-06					
South Dakota	Hanson County	46061	R	3.01E-04	1.08E-01	8.19E-04	8.70E-07	8.49E-09	6.77E-02	1.63E-05					
South Dakota	Harding County	46063	R	3.00E-04	1.05E-01	4.07E-05	1.30E-09	0.00E+00	6.76E-02	7.26E-10					
South Dakota	Hughes County	46065	U	3.00E-04	1.32E-01	2.63E-02	1.19E-06	4.33E-08	7.91E-02	1.69E-05					
South Dakota	Hutchinson County	46067	R	3.00E-04	1.06E-01	9.54E-04	3.50E-07	3.93E-09	6.75E-02	6.35E-06					
South Dakota	Hyde County	46069	R	3.00E-04	1.06E-01	1.70E-04	5.52E-08	9.27E-12	6.72E-02	9.97E-07					
South Dakota	Jackson County	46071	R	3.00E-04	1.06E-01	2.30E-04	3.58E-07	0.00E+00	6.75E-02	7.57E-06					
South Dakota	Jerauld County	46073	R	3.00E-04	1.07E-01	2.27E-03	3.33E-07	0.00E+00	6.90E-02	6.89E-06					
South Dakota	Jones County	46075	R	3.00E-04	1.05E-01	1.38E-04	3.81E-09	0.00E+00	6.74E-02	2.12E-09					
South Dakota	Kingsbury County	46077	R	3.00E-04	1.07E-01	5.70E-04	3.44E-07	0.00E+00	6.76E-02	6.83E-06					
South Dakota	Lake County	46079	U	3.00E-04	1.09E-01	2.24E-03	2.10E-06	2.13E-10	6.90E-02	4.31E-05					
South Dakota	Lawrence County	46081	U	3.00E-04	1.10E-01	9.22E-03	1.04E-06	9.12E-09	6.90E-02	2.03E-05					
South Dakota	Lincoln County	46083	R	3.01E-04	1.11E-01	4.28E-03	1.13E-06	7.74E-09	6.96E-02	2.03E-05					
South Dakota	Lyman County	46085	R	3.00E-04	1.06E-01	2.03E-04	6.76E-09	0.00E+00	6.72E-02	3.78E-09					
South Dakota	McCook County	46087	R	3.00E-04	1.06E-01	9.36E-04	7.62E-07	7.79E-10	6.80E-02	1.47E-05					
South Dakota	McPherson County	46089	R	3.00E-04	1.06E-01	2.26E-04	5.95E-07	0.00E+00	6.74E-02	1.26E-05					
South Dakota	Marshall County	46091	R	3.00E-04	1.06E-01	5.20E-04	2.40E-07	1.79E-10	6.70E-02	4.57E-06					
South Dakota	Meade County	46093	R	3.00E-04	1.11E-01	1.09E-02	8.98E-07	1.67E-08	6.88E-02	1.47E-05					
South Dakota	Mellette County	46095	R	3.00E-04	1.06E-01	2.64E-04	7.49E-09	0.00E+00	6.69E-02	4.17E-09					
South Dakota	Miner County	46097	R	3.01E-04	1.07E-01	5.38E-04	3.72E-07	2.97E-10	6.74E-02	7.43E-06					
South Dakota	Minnehaha County	46099	U	3.00E-04	1.61E-01	4.49E-02	6.52E-06	4.64E-08	8.84E-02	1.28E-04					
South Dakota	Moody County	46101	R	3.00E-04	1.07E-01	2.82E-03	2.16E-06	6.73E-10	6.85E-02	4.63E-05					
South Dakota	Pennington County	46103	U	3.00E-04	1.29E-01	3.67E-02	2.66E-06	1.37E-08	7.65E-02	5.23E-05					
South Dakota	Perkins County	46105	R	3.00E-04	1.05E-01	6.90E-05	2.46E-08	0.00E+00	6.70E-02	4.54E-07					
South Dakota	Potter County	46107	R	3.00E-04	1.05E-01	2.90E-04	1.39E-08	0.00E+00	6.75E-02	9.44E-08					
South Dakota	Roberts County	46109	R	3.00E-04	1.06E-01	1.04E-03	6.29E-08	1.38E-09	6.74E-02	9.28E-07					
South Dakota	Sanborn County	46111	R	3.00E-04	1.06E-01	6.33E-04	4.70E-07	5.07E-09	6.76E-02	8.70E-06					
South Dakota	Shannon County	46113	R	3.00E-04	1.06E-01	5.06E-04	1.78E-08	0.00E+00	6.73E-02	1.11E-08					
South Dakota	Spink County	46115	R	3.00E-04	1.05E-01	5.73E-04	1.09E-07	5.09E-10	6.81E-02	1.87E-06					
South Dakota	Stanley County	46117	R	3.00E-04	1.08E-01	1.51E-03	1.47E-07	2.31E-09	6.89E-02	2.41E-06					
South Dakota	Sully County	46119	R	3.00E-04	1.06E-01	2.23E-04	8.18E-08	1.41E-10	6.74E-02	1.49E-06					
South Dakota	Todd County	46121	R	3.00E-04	1.06E-01	5.92E-04	2.09E-08	0.00E+00	6.77E-02	1.16E-08					
South Dakota	Tripp County	46123	R	3.00E-04	1.09E-01	1.85E-03	1.63E-08	0.00E+00	6.75E-02	5.22E-08					
South Dakota	Turner County	46125	R	3.00E-04	1.07E-01	1.57E-03	8.02E-07	3.48E-09	6.87E-02	1.46E-05					
South Dakota	Union County	46127	R	3.00E-04	1.09E-01	3.29E-03	2.08E-06	1.67E-08	6.95E-02	3.73E-05					
South Dakota	Walworth County	46129	U	3.00E-04	1.21E-01	1.52E-03	4.52E-08	0.00E+00	6.81E-02	6.74E-07					
South Dakota	Yankton County	46135	U	3.00E-04	1.60E-01	1.16E-02	1.38E-06	2.23E-09	1.58E-01	2.56E-05					
South Dakota	Ziebach County	46137	R	3.00E-04	1.06E-01	8.51E-05	3.99E-09	0.00E+00	6.80E-02	2.23E-09					