

US EPA ARCHIVE DOCUMENT

1996 Modeled Exposure Concentrations for South Carolina

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 Carolina												
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 Carolina	State Total	45000	-	3.63E-05	3.48E-02	2.79E-02	3.88E-01	6.80E-02	1.16E-04	3.74E-05	9.20E-01	5.18E-06	1.41E-05	6.40E-01	6.81E-02	1.40E-04
South Carolina	State Urban Counties	45000	U	4.41E-05	4.82E-02	4.14E-02	5.24E-01	8.41E-02	1.81E-04	5.36E-05	1.11E+00	8.01E-06	2.00E-05	6.40E-01	6.82E-02	3.31E-04
South Carolina	State Rural Counties	45000	R	2.40E-05	1.91E-02	1.11E-02	2.25E-01	4.76E-02	6.58E-05	1.93E-05	6.67E-01	2.13E-06	6.94E-06	6.40E-01	6.80E-02	6.35E-05
South Carolina	Abbeville County	45001	R	7.08E-06	1.44E-02	7.56E-03	1.65E-01	5.00E-02	2.07E-05	4.77E-06	6.47E-01	1.10E-06	2.50E-06	6.39E-01	6.79E-02	7.43E-05
South Carolina	Aiken County	45003	U	2.44E-05	3.66E-02	3.11E-02	4.90E-01	9.66E-02	6.52E-05	4.95E-05	1.06E+00	7.16E-06	2.61E-05	6.40E-01	6.84E-02	7.95E-05
South Carolina	Allendale County	45005	U	1.90E-05	1.72E-02	3.78E-03	8.82E-02	4.45E-02	3.63E-05	2.65E-06	5.60E-01	4.01E-07	1.50E-06	6.42E-01	6.80E-02	1.14E-05
South Carolina	Anderson County	45007	U	2.16E-05	3.23E-02	3.41E-02	4.59E-01	6.83E-02	1.11E-02	2.37E-05	9.58E-01	4.51E-06	1.10E-05	6.40E-01	6.80E-02	1.64E-04
South Carolina	Bamberg County	45009	R	3.61E-05	9.71E-03	3.37E-03	1.05E-01	4.08E-02	6.34E-05	3.58E-06	5.55E-01	4.06E-07	1.06E-06	6.38E-01	6.75E-02	1.26E-05
South Carolina	Barnwell County	45011	U	4.39E-05	1.16E-02	5.35E-03	1.18E-01	4.10E-02	8.01E-05	5.60E-06	5.58E-01	7.70E-07	7.20E-06	6.42E-01	6.76E-02	1.57E-05
South Carolina	Beaufort County	45013	R	8.65E-05	1.68E-02	1.87E-02	1.96E-01	3.50E-02	1.63E-04	1.49E-05	6.45E-01	2.44E-06	7.32E-06	6.39E-01	7.00E-02	5.23E-05
South Carolina	Berkeley County	45015	U	7.18E-05	3.82E-02	2.75E-02	3.75E-01	7.53E-02	1.66E-04	1.22E-04	9.45E-01	5.20E-06	1.70E-05	6.41E-01	6.80E-02	4.86E-04
South Carolina	Calhoun County	45017	R	9.07E-05	1.18E-02	6.86E-03	2.93E-01	4.91E-02	1.62E-04	2.14E-05	6.35E-01	1.80E-06	6.42E-06	6.39E-01	6.81E-02	6.03E-05
South Carolina	Charleston County	45019	U	2.45E-05	5.23E-02	4.38E-02	3.90E-01	6.01E-02	1.03E-04	8.78E-05	1.05E+00	7.68E-06	2.23E-05	6.40E-01	6.83E-02	1.13E-03
South Carolina	Cherokee County	45021	U	3.07E-04	3.43E-02	2.62E-02	4.16E-01	7.64E-02	5.66E-04	2.32E-05	8.75E-01	4.64E-06	9.24E-06	6.39E-01	6.82E-02	4.10E-04
South Carolina	Chester County	45023	R	7.56E-05	2.82E-02	1.33E-02	2.08E-01	6.46E-02	1.75E-04	2.83E-05	7.29E-01	2.12E-06	8.35E-06	6.42E-01	6.79E-02	1.72E-04
South Carolina	Chesterfield County	45025	R	9.46E-06	1.24E-02	5.56E-03	2.41E-01	3.78E-02	2.36E-05	1.06E-05	5.73E-01	1.24E-06	4.66E-06	6.44E-01	6.78E-02	3.50E-05
South Carolina	Clarendon County	45027	R	5.96E-06	1.19E-02	5.03E-03	1.37E-01	3.45E-02	1.40E-05	1.58E-05	5.80E-01	1.36E-06	1.41E-05	6.39E-01	6.78E-02	5.55E-05
South Carolina	Colleton County	45029	R	2.59E-05	1.28E-02	4.08E-03	1.30E-01	4.47E-02	4.55E-05	1.67E-05	5.70E-01	1.53E-06	1.48E-05	6.37E-01	6.79E-02	3.35E-05
South Carolina	Darlington County	45031	R	3.82E-05	2.70E-02	1.61E-02	3.97E-01	4.89E-02	8.33E-05	2.41E-05	7.27E-01	2.83E-06	8.16E-06	6.41E-01	6.78E-02	5.27E-05
South Carolina	Dillon County	45033	R	6.74E-05	2.40E-02	1.15E-02	2.44E-01	5.06E-02	1.32E-04	1.28E-04	6.85E-01	2.39E-05	2.32E-05	6.45E-01	6.79E-02	1.23E-03
South Carolina	Dorchester County	45035	U	4.59E-05	2.93E-02	2.89E-02	3.12E-01	6.06E-02	8.76E-05	8.17E-05	8.56E-01	4.56E-06	1.56E-05	6.42E-01	6.80E-02	2.64E-04
South Carolina	Edgefield County	45037	U	4.89E-05	1.50E-02	7.25E-03	1.59E-01	4.72E-02	1.06E-04	9.30E-06	6.13E-01	1.31E-06	4.25E-06	6.39E-01	6.79E-02	3.69E-05
South Carolina	Fairfield County	45039	R	1.26E-05	1.53E-02	7.04E-03	2.08E-01	5.78E-02	2.61E-05	1.14E-05	6.37E-01	1.28E-06	3.40E-06	6.37E-01	6.79E-02	4.25E-05
South Carolina	Florence County	45041	R	2.08E-05	2.84E-02	1.99E-02	3.07E-01	4.99E-02	5.20E-05	3.12E-05	7.61E-01	3.72E-06	1.23E-05	6.43E-01	6.79E-02	6.44E-05
South Carolina	Georgetown County	45043	R	2.55E-07	1.71E-02	5.79E-03	1.42E-01	4.57E-02	3.09E-05	4.67E-05	6.05E-01	2.93E-06	1.18E-05	6.43E-01	6.83E-02	4.82E-05
South Carolina	Greenville County	45045	U	5.23E-05	6.55E-02	5.90E-02	8.31E-01	1.03E-01	8.68E-03	4.96E-05	1.41E+00	1.07E-05	2.31E-05	6.41E-01	6.83E-02	5.48E-04
South Carolina	Greenwood County	45047	R	1.00E-05	2.33E-02	1.38E-02	2.10E-01	6.06E-02	9.56E-05	7.40E-06	7.20E-01	1.95E-06	3.50E-06	6.39E-01	6.80E-02	7.50E-04
South Carolina	Hampton County	45049	R	8.87E-05	1.71E-02	3.30E-03	9.86E-02	4.33E-02	1.55E-04	4.98E-06	5.61E-01	5.02E-07	1.62E-06	6.39E-01	7.08E-02	1.45E-05
South Carolina	Horry County	45051	R	1.56E-05	2.22E-02	1.46E-02	2.65E-01	4.52E-02	6.34E-05	2.35E-05	7.06E-01	3.55E-06	7.63E-06	6.41E-01	6.85E-02	4.11E-05
South Carolina	Jasper County	45053	R	5.65E-05	1.33E-02	4.15E-03	1.23E-01	4.00E-02	1.06E-04	1.12E-05	5.68E-01	7.88E-07	3.85E-06	6.42E-01	7.61E-02	3.93E-05
South Carolina	Kershaw County	45055	R	2.59E-05	1.61E-02	1.10E-02	2.97E-01	6.54E-02	6.32E-05	1.55E-05	7.33E-01	1.95E-06	4.44E-06	6.37E-01	6.78E-02	5.22E-05

1996 Modeled Exposure Concentrations for South Carolina

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 Carolina												
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 Carolina	State Total	45000	-	0.00E+00	6.85E-01	6.08E-03	5.25E-02	9.61E-04	5.58E-01	7.50E-05	4.62E-08	5.43E-04	6.84E-04	1.24E-03	1.97E-01	3.59E-04
South Carolina	State Urban Counties	45000	U	0.00E+00	8.60E-01	6.08E-03	5.25E-02	2.14E-03	6.67E-01	7.50E-05	8.38E-08	8.39E-04	8.02E-04	1.27E-03	2.31E-01	5.66E-04
South Carolina	State Rural Counties	45000	R	0.00E+00	5.25E-01	6.08E-03	5.25E-02	2.45E-04	4.27E-01	7.50E-05	8.79E-09	2.86E-04	4.98E-04	1.21E-03	1.50E-01	1.26E-04
South Carolina	Abbeville County	45001	R	0.00E+00	5.88E-01	6.08E-03	5.25E-02	1.24E-04	4.31E-01	7.51E-05	1.16E-08	5.41E-05	1.33E-04	1.20E-03	1.38E-01	9.12E-05
South Carolina	Aiken County	45003	U	0.00E+00	6.42E-01	6.08E-03	5.25E-02	4.62E-03	6.44E-01	7.50E-05	4.86E-08	6.43E-04	1.90E-03	1.64E-03	2.10E-01	2.63E-04
South Carolina	Allendale County	45005	U	0.00E+00	3.52E-01	6.09E-03	5.28E-02	7.08E-04	3.71E-01	7.52E-05	1.43E-08	3.39E-05	2.04E-04	1.22E-03	1.31E-01	2.99E-05
South Carolina	Anderson County	45007	U	0.00E+00	8.59E-01	6.08E-03	5.25E-02	7.29E-04	5.79E-01	7.50E-05	1.69E-07	1.45E-04	3.59E-04	1.24E-03	2.28E-01	4.34E-04
South Carolina	Bamberg County	45009	R	0.00E+00	3.56E-01	6.08E-03	5.22E-02	4.24E-04	3.47E-01	7.49E-05	7.72E-10	7.05E-05	2.18E-04	1.19E-03	1.50E-01	2.95E-05
South Carolina	Barnwell County	45011	U	0.00E+00	3.91E-01	6.07E-03	5.22E-02	7.36E-05	3.55E-01	7.49E-05	8.62E-10	1.51E-04	1.30E-04	1.31E-03	1.42E-01	4.88E-05
South Carolina	Beaufort County	45013	R	0.00E+00	4.12E-01	6.08E-03	5.24E-02	3.00E-04	3.79E-01	7.50E-05	1.11E-08	3.68E-04	4.58E-04	1.22E-03	1.50E-01	1.83E-04
South Carolina	Berkeley County	45015	U	0.00E+00	4.29E-01	6.08E-03	5.25E-02	4.83E-04	5.60E-01	7.50E-05	1.70E-08	1.41E-03	9.67E-04	1.29E-03	2.30E-01	5.06E-04
South Carolina	Calhoun County	45017	R	0.00E+00	4.43E-01	6.08E-03	5.29E-02	1.55E-04	4.14E-01	7.51E-05	3.16E-09	5.25E-04	7.01E-04	1.20E-03	1.82E-01	6.58E-05
South Carolina	Charleston County	45019	U	0.00E+00	5.89E-01	6.08E-03	5.24E-02	2.07E-03	5.19E-01	7.50E-05	6.15E-08	2.51E-03	1.55E-03	1.30E-03	2.18E-01	7.12E-04
South Carolina	Cherokee County	45021	U	0.00E+00	8.06E-01	6.08E-03	5.29E-02	5.74E-03	5.86E-01	7.51E-05	3.54E-08	6.54E-04	7.25E-04	1.22E-03	1.72E-01	3.59E-04
South Carolina	Chester County	45023	R	0.00E+00	6.87E-01	6.08E-03	5.27E-02	2.61E-03	5.42E-01	7.50E-05	5.00E-08	9.15E-04	7.71E-04	1.21E-03	1.55E-01	1.78E-04
South Carolina	Chesterfield County	45025	R	0.00E+00	5.25E-01	6.08E-03	5.23E-02	4.49E-05	3.83E-01	7.50E-05	1.25E-09	9.28E-05	2.08E-04	1.20E-03	1.33E-01	3.71E-04
South Carolina	Clarendon County	45027	R	0.00E+00	4.13E-01	6.08E-03	5.26E-02	6.89E-05	3.63E-01	7.50E-05	1.93E-09	5.04E-04	3.07E-04	1.20E-03	1.38E-01	4.58E-05
South Carolina	Colleton County	45029	R	0.00E+00	3.20E-01	6.07E-03	5.28E-02	4.20E-04	3.81E-01	7.50E-05	2.65E-10	2.54E-04	1.01E-04	1.21E-03	1.34E-01	4.59E-05
South Carolina	Darlington County	45031	R	0.00E+00	6.16E-01	6.08E-03	5.22E-02	1.28E-04	4.41E-01	7.49E-05	9.17E-08	2.16E-04	6.68E-04	1.22E-03	1.57E-01	1.94E-04
South Carolina	Dillon County	45033	R	0.00E+00	5.31E-01	6.07E-03	5.24E-02	1.85E-04	5.09E-01	7.51E-05	4.77E-10	2.99E-04	7.04E-04	1.22E-03	1.45E-01	6.24E-04
South Carolina	Dorchester County	45035	U	0.00E+00	4.10E-01	6.08E-03	5.24E-02	1.70E-04	4.96E-01	7.50E-05	1.00E-08	8.25E-04	6.20E-04	1.24E-03	1.97E-01	2.93E-04
South Carolina	Edgefield County	45037	U	0.00E+00	5.02E-01	6.08E-03	5.26E-02	9.39E-04	3.82E-01	7.50E-05	3.04E-08	1.52E-04	2.89E-04	1.26E-03	1.37E-01	7.87E-05
South Carolina	Fairfield County	45039	R	0.00E+00	5.27E-01	6.07E-03	5.28E-02	5.96E-04	4.47E-01	7.51E-05	1.00E-09	1.89E-04	3.16E-04	1.20E-03	1.34E-01	5.94E-05
South Carolina	Florence County	45041	R	0.00E+00	5.95E-01	6.08E-03	5.25E-02	4.21E-04	4.52E-01	7.51E-05	7.75E-08	2.93E-04	1.12E-03	1.24E-03	1.72E-01	1.83E-04
South Carolina	Georgetown County	45043	R	0.00E+00	3.50E-01	6.07E-03	5.23E-02	1.32E-04	3.90E-01	7.50E-05	9.95E-09	5.03E-04	5.38E-04	1.21E-03	1.88E-01	1.51E-04
South Carolina	Greenville County	45045	U	0.00E+00	1.18E+00	6.08E-03	5.25E-02	3.87E-03	7.85E-01	7.50E-05	2.35E-07	4.75E-04	7.25E-04	1.30E-03	3.66E-01	1.37E-03
South Carolina	Greenwood County	45047	R	0.00E+00	6.39E-01	6.08E-03	5.29E-02	3.42E-04	4.61E-01	7.50E-05	2.60E-07	1.27E-04	9.04E-04	1.20E-03	1.44E-01	1.68E-04
South Carolina	Hampton County	45049	R	0.00E+00	3.34E-01	6.08E-03	5.24E-02	5.46E-03	3.70E-01	7.51E-05	1.71E-09	3.25E-05	2.35E-04	1.19E-03	1.40E-01	9.36E-05
South Carolina	Horry County	45051	R	0.00E+00	4.41E-01	6.08E-03	5.24E-02	2.64E-04	4.12E-01	7.50E-05	7.65E-09	5.94E-04	4.98E-04	1.21E-03	1.60E-01	1.65E-04
South Carolina	Jasper County	45053	R	0.00E+00	2.85E-01	6.08E-03	5.26E-02	4.78E-04	3.80E-01	7.50E-05	4.18E-10	1.83E-04	5.33E-04	1.21E-03	1.34E-01	1.86E-04
South Carolina	Kershaw County	45055	R	0.00E+00	5.37E-01	6.08E-03	5.27E-02	2.65E-04	4.92E-01	7.50E-05	5.32E-08	8.54E-05	4.23E-04	1.20E-03	1.41E-01	8.71E-05

1996 Modeled Exposure Concentrations for South Carolina

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 Carolina											
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 Caro	State Total	45000	-	3.00E-04	1.42E-01	2.77E-02	8.82E-06	3.20E-07	8.05E-02	2.49E-04					
South Caroli	State Urban Counties	45000	U	3.00E-04	1.63E-01	3.49E-02	1.20E-05	5.37E-07	8.91E-02	5.14E-04					
South Caroli	State Rural Counties	45000	R	3.00E-04	1.22E-01	1.28E-02	5.11E-06	1.09E-07	7.12E-02	9.96E-05					
South Caroli	Abbeville County	45001	R	3.00E-04	1.12E-01	9.84E-03	2.68E-06	1.99E-07	6.92E-02	2.28E-05					
South Caroli	Aiken County	45003	U	3.00E-04	1.36E-01	3.42E-02	6.57E-06	3.57E-07	7.57E-02	2.68E-04					
South Caroli	Allendale County	45005	U	3.00E-04	1.08E-01	7.57E-03	2.85E-06	7.83E-08	6.85E-02	4.69E-05					
South Caroli	Anderson County	45007	U	3.00E-04	1.46E-01	2.31E-02	1.20E-05	8.52E-07	8.26E-02	1.86E-04					
South Caroli	Bamberg County	45009	R	3.00E-04	1.09E-01	7.16E-03	4.20E-06	2.14E-08	6.79E-02	8.50E-05					
South Caroli	Barnwell County	45011	U	3.00E-04	1.10E-01	7.28E-03	5.50E-06	3.40E-08	7.15E-02	1.37E-04					
South Caroli	Beaufort County	45013	R	3.00E-04	1.39E-01	1.29E-02	1.03E-05	4.79E-08	7.29E-02	2.12E-04					
South Caroli	Berkeley County	45015	U	3.00E-04	1.35E-01	3.31E-02	1.24E-05	1.59E-07	9.23E-02	2.92E-04					
South Caroli	Calhoun County	45017	R	3.00E-04	1.14E-01	8.38E-03	1.10E-05	8.18E-08	7.20E-02	3.20E-04					
South Caroli	Charleston County	45019	U	3.00E-04	1.66E-01	3.24E-02	8.57E-06	3.22E-07	1.02E-01	1.19E-04					
South Caroli	Cherokee County	45021	U	3.00E-04	1.30E-01	9.43E-02	4.08E-05	3.46E-07	7.54E-02	1.30E-03					
South Caroli	Chester County	45023	R	3.00E-04	1.37E-01	1.52E-02	1.14E-05	2.42E-07	7.15E-02	6.15E-04					
South Caroli	Chesterfield County	45025	R	3.00E-04	1.26E-01	7.63E-02	1.80E-06	4.73E-08	7.12E-02	2.48E-05					
South Caroli	Clarendon County	45027	R	3.00E-04	1.12E-01	6.53E-03	1.30E-06	6.23E-08	6.88E-02	3.33E-05					
South Caroli	Colleton County	45029	R	3.00E-04	1.09E-01	8.52E-03	2.93E-06	8.03E-09	6.87E-02	6.13E-05					
South Caroli	Darlington County	45031	R	3.00E-04	1.34E-01	1.63E-01	7.82E-06	3.70E-07	7.14E-02	1.04E-04					
South Caroli	Dillon County	45033	R	3.00E-04	1.18E-01	5.18E-02	7.84E-06	1.59E-06	7.04E-02	1.70E-04					
South Caroli	Dorchester County	45035	U	3.00E-04	1.30E-01	2.57E-02	6.05E-06	7.61E-08	7.72E-02	1.26E-04					
South Caroli	Edgefield County	45037	U	3.00E-04	1.12E-01	1.06E-02	8.12E-06	1.86E-07	6.96E-02	1.66E-04					
South Caroli	Fairfield County	45039	R	3.00E-04	1.13E-01	1.03E-02	2.04E-06	5.26E-08	7.07E-02	1.01E-04					
South Caroli	Florence County	45041	R	3.00E-04	1.50E-01	1.01E-01	5.27E-06	3.32E-07	7.37E-02	6.52E-05					
South Caroli	Georgetown County	45043	R	3.00E-04	1.11E-01	8.15E-03	2.03E-06	6.55E-08	6.98E-02	5.95E-06					
South Caroli	Greenville County	45045	U	3.00E-04	2.18E-01	4.30E-02	1.95E-05	1.31E-06	9.75E-02	1.22E-03					
South Caroli	Greenwood County	45047	R	3.00E-04	1.22E-01	1.55E-02	1.27E-05	1.18E-06	7.06E-02	7.56E-05					
South Caroli	Hampton County	45049	R	3.00E-04	1.12E-01	9.10E-03	9.91E-06	1.56E-08	6.87E-02	2.09E-04					
South Caroli	Horry County	45051	R	3.00E-04	1.27E-01	1.21E-02	3.80E-06	5.53E-08	8.00E-02	4.19E-05					
South Caroli	Jasper County	45053	R	3.00E-04	1.13E-01	7.75E-03	6.63E-06	1.94E-08	6.92E-02	1.53E-04					
South Caroli	Kershaw County	45055	R	3.00E-04	1.21E-01	1.35E-02	7.62E-06	3.91E-07	7.37E-02	2.92E-04					

				Estimated Annual Median Exposure Concentrations (ug/m3) for South Carolina												
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 Carolina	Lancaster County	45057	R	1.07E-04	3.08E-02	1.93E-02	2.49E-01	7.41E-02	2.40E-04	1.89E-05	8.45E-01	2.73E-06	1.41E-05	6.42E-01	6.80E-02	1.49E-04
South Carolina	Laurens County	45059	R	2.01E-05	2.13E-02	1.45E-02	2.44E-01	6.07E-02	1.66E-04	8.00E-06	7.32E-01	1.81E-06	3.65E-06	6.44E-01	6.79E-02	1.16E-04
South Carolina	Lee County	45061	R	8.74E-06	1.09E-02	7.23E-03	3.03E-01	3.56E-02	2.08E-05	1.52E-05	5.90E-01	1.38E-06	4.25E-06	6.39E-01	6.78E-02	7.68E-05
South Carolina	Lexington County	45063	U	3.80E-05	4.59E-02	4.47E-02	7.54E-01	9.70E-02	7.68E-05	4.37E-05	1.08E+00	6.60E-06	1.79E-05	6.40E-01	6.81E-02	9.72E-05
South Carolina	McCormick County	45065	R	2.04E-05	1.21E-02	3.48E-03	1.06E-01	4.02E-02	4.15E-05	1.76E-06	5.69E-01	4.33E-07	1.07E-06	6.40E-01	6.80E-02	5.80E-05
South Carolina	Marion County	45067	R	4.97E-05	1.98E-02	1.12E-02	1.96E-01	4.44E-02	9.09E-05	1.21E-05	6.51E-01	1.35E-06	3.81E-06	6.43E-01	6.77E-02	1.82E-04
South Carolina	Marlboro County	45069	R	2.02E-05	1.29E-02	7.99E-03	1.96E-01	4.04E-02	4.92E-05	3.41E-05	5.84E-01	5.47E-06	8.10E-06	6.41E-01	6.79E-02	1.34E-04
South Carolina	Newberry County	45071	R	2.59E-05	1.54E-02	6.45E-03	1.54E-01	5.21E-02	4.76E-05	2.03E-05	6.16E-01	9.81E-07	4.27E-06	6.42E-01	6.78E-02	6.29E-05
South Carolina	Oconee County	45073	R	3.96E-05	2.59E-02	1.33E-02	2.33E-01	6.30E-02	3.29E-04	2.55E-05	7.27E-01	1.66E-06	4.18E-06	6.42E-01	6.77E-02	3.76E-04
South Carolina	Orangeburg County	45075	R	7.21E-05	1.96E-02	8.20E-03	2.87E-01	5.21E-02	1.27E-04	2.42E-05	6.58E-01	2.45E-06	9.78E-06	6.38E-01	6.80E-02	4.70E-05
South Carolina	Pickens County	45077	U	5.89E-05	2.84E-02	2.29E-02	4.06E-01	7.56E-02	2.22E-03	3.34E-05	9.00E-01	6.56E-06	1.15E-05	6.40E-01	6.82E-02	6.08E-04
South Carolina	Richland County	45079	U	2.79E-05	6.85E-02	6.31E-02	9.94E-01	1.14E-01	7.24E-05	7.16E-05	1.38E+00	1.18E-05	2.52E-05	6.39E-01	6.83E-02	1.16E-04
South Carolina	Saluda County	45081	R	1.49E-05	1.27E-02	4.19E-03	1.43E-01	4.44E-02	2.84E-05	7.18E-06	5.94E-01	7.84E-07	1.96E-06	6.41E-01	6.79E-02	3.61E-05
South Carolina	Spartanburg County	45083	U	1.09E-04	4.71E-02	3.96E-02	8.28E-01	8.84E-02	2.51E-04	3.60E-05	1.20E+00	7.03E-06	1.64E-05	6.41E-01	6.82E-02	3.01E-04
South Carolina	Sumter County	45085	R	1.25E-05	3.60E-02	2.49E-02	3.61E-01	6.16E-02	3.97E-05	2.81E-05	8.44E-01	3.90E-06	7.63E-06	6.37E-01	6.80E-02	5.25E-04
South Carolina	Union County	45087	R	8.41E-05	2.37E-02	1.16E-02	2.14E-01	5.79E-02	1.52E-04	5.82E-06	6.97E-01	1.21E-06	2.57E-06	6.44E-01	6.79E-02	6.64E-05
South Carolina	Williamsburg County	45089	R	4.56E-06	1.35E-02	4.74E-03	1.39E-01	4.08E-02	2.60E-05	1.58E-05	5.84E-01	1.18E-06	3.91E-06	6.40E-01	6.79E-02	2.80E-05
South Carolina	York County	45091	U	1.14E-04	3.95E-02	3.22E-02	4.97E-01	8.63E-02	5.18E-04	2.85E-04	1.09E+00	9.02E-06	3.37E-05	6.38E-01	6.84E-02	1.05E-03

				Estimated Annual Median Exposure Concentrations (ug/m3) for South Carolina												
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 Caroli	Lancaster County	45057	R	0.00E+00	7.61E-01	6.08E-03	5.25E-02	2.11E-04	6.00E-01	7.50E-05	3.59E-09	8.54E-04	8.17E-04	1.31E-03	1.60E-01	2.78E-04
South Caroli	Laurens County	45059	R	0.00E+00	6.49E-01	6.08E-03	5.23E-02	1.10E-03	4.96E-01	7.50E-05	1.48E-08	1.90E-04	2.43E-04	1.21E-03	1.52E-01	1.61E-04
South Caroli	Lee County	45061	R	0.00E+00	4.73E-01	6.08E-03	5.24E-02	6.70E-05	3.62E-01	7.50E-05	4.85E-09	3.43E-04	3.55E-04	1.20E-03	1.39E-01	5.84E-05
South Caroli	Lexington County	45063	U	0.00E+00	7.69E-01	6.08E-03	5.26E-02	6.15E-04	6.98E-01	7.51E-05	1.41E-08	8.79E-04	7.79E-04	1.25E-03	1.93E-01	2.55E-04
South Caroli	McCormick County	45065	R	0.00E+00	4.97E-01	6.08E-03	5.28E-02	5.48E-05	3.54E-01	7.51E-05	2.57E-09	3.31E-05	1.34E-04	1.20E-03	1.28E-01	2.97E-05
South Caroli	Marion County	45067	R	0.00E+00	4.69E-01	6.08E-03	5.23E-02	1.97E-04	4.36E-01	7.50E-05	3.28E-09	8.29E-05	5.30E-04	1.21E-03	1.46E-01	8.58E-05
South Caroli	Marlboro County	45069	R	0.00E+00	4.97E-01	6.09E-03	5.25E-02	1.25E-04	4.23E-01	7.51E-05	9.05E-10	1.78E-04	5.60E-04	1.21E-03	1.38E-01	2.69E-04
South Caroli	Newberry County	45071	R	0.00E+00	5.63E-01	6.08E-03	5.24E-02	1.92E-03	4.12E-01	7.50E-05	3.05E-09	1.11E-04	1.00E-03	1.20E-03	1.31E-01	6.71E-05
South Caroli	Oconee County	45073	R	0.00E+00	7.03E-01	6.08E-03	5.24E-02	1.88E-04	4.85E-01	7.49E-05	1.32E-09	8.43E-05	3.40E-04	1.21E-03	1.93E-01	1.71E-04
South Caroli	Orangeburg County	45075	R	0.00E+00	4.77E-01	6.09E-03	5.27E-02	1.60E-04	4.45E-01	7.52E-05	1.65E-08	1.24E-03	1.38E-03	1.21E-03	2.37E-01	1.10E-04
South Caroli	Pickens County	45077	U	0.00E+00	8.36E-01	6.08E-03	5.27E-02	8.33E-04	5.96E-01	7.50E-05	1.81E-08	1.94E-04	5.12E-04	1.24E-03	1.83E-01	5.30E-04
South Caroli	Richland County	45079	U	0.00E+00	8.94E-01	6.08E-03	5.25E-02	2.51E-03	7.83E-01	7.50E-05	1.03E-07	1.32E-03	9.59E-04	1.25E-03	2.36E-01	4.10E-04
South Caroli	Saluda County	45081	R	0.00E+00	5.19E-01	6.08E-03	5.27E-02	5.37E-05	3.79E-01	7.52E-05	3.26E-09	4.08E-05	2.29E-04	1.20E-03	1.30E-01	4.98E-05
South Caroli	Spartanburg County	45083	U	0.00E+00	1.02E+00	6.08E-03	5.26E-02	1.78E-02	7.51E-01	7.50E-05	1.23E-07	1.48E-03	6.55E-04	1.25E-03	2.66E-01	8.79E-04
South Caroli	Sumter County	45085	R	0.00E+00	6.34E-01	6.08E-03	5.27E-02	4.81E-04	5.29E-01	7.51E-05	4.17E-08	9.58E-04	5.05E-04	1.21E-03	1.93E-01	1.43E-04
South Caroli	Union County	45087	R	0.00E+00	6.31E-01	6.08E-03	5.25E-02	2.43E-03	4.65E-01	7.50E-05	2.28E-08	1.83E-04	3.20E-04	1.20E-03	1.37E-01	8.36E-05
South Caroli	Williamsburg County	45089	R	0.00E+00	3.72E-01	6.08E-03	5.25E-02	7.94E-05	3.74E-01	7.51E-05	2.02E-08	1.22E-04	3.35E-04	1.20E-03	1.37E-01	4.97E-05
South Caroli	York County	45091	U	0.00E+00	9.89E-01	6.08E-03	5.26E-02	1.36E-03	7.72E-01	7.50E-05	2.33E-07	8.74E-03	1.83E-03	1.35E-03	2.43E-01	5.62E-04

				Estimated Annual Median Exposure Concentrations (ug/m3) for South Carolina											
State	County	FIPS	Urban or Rural	PCBS	Perchloroethylene	POM (total)	Propylene Dichloride	Quinoline	Trichloroethylene	Vinyl Chloride					
South Caroli	Lancaster County	45057	R	3.00E-04	1.26E-01	1.93E-02	1.36E-05	1.06E-07	7.88E-02	3.78E-04					
South Caroli	Laurens County	45059	R	3.00E-04	1.21E-01	1.57E-02	4.42E-06	2.56E-07	7.13E-02	1.64E-04					
South Caroli	Lee County	45061	R	3.00E-04	1.18E-01	8.00E-03	2.12E-06	1.12E-07	6.87E-02	5.88E-05					
South Caroli	Lexington County	45063	U	3.00E-04	1.55E-01	3.29E-02	6.11E-06	1.57E-07	8.78E-02	3.52E-04					
South Caroli	McCormick County	45065	R	3.00E-04	1.11E-01	6.64E-03	3.41E-06	8.80E-08	6.86E-02	5.51E-05					
South Caroli	Marion County	45067	R	3.00E-04	1.13E-01	1.14E-02	5.93E-06	4.72E-08	6.90E-02	1.41E-04					
South Caroli	Marlboro County	45069	R	3.01E-04	1.28E-01	1.96E-01	2.88E-06	5.02E-08	6.92E-02	4.88E-05					
South Caroli	Newberry County	45071	R	3.00E-04	1.10E-01	9.08E-03	3.19E-06	3.80E-08	6.92E-02	9.14E-05					
South Caroli	Oconee County	45073	R	3.00E-04	1.23E-01	1.34E-02	4.83E-06	3.59E-08	9.37E-02	9.79E-05					
South Caroli	Orangeburg County	45075	R	3.00E-04	1.16E-01	9.85E-03	8.66E-06	8.32E-08	7.05E-02	2.11E-04					
South Caroli	Pickens County	45077	U	3.00E-04	1.34E-01	1.86E-02	9.37E-06	2.71E-07	8.72E-02	2.56E-04					
South Caroli	Richland County	45079	U	3.00E-04	1.91E-01	4.51E-02	9.66E-06	6.06E-07	1.05E-01	9.08E-04					
South Caroli	Saluda County	45081	R	3.00E-04	1.11E-01	7.58E-03	2.36E-06	7.51E-08	6.88E-02	4.43E-05					
South Caroli	Spartanburg County	45083	U	3.00E-04	1.71E-01	6.29E-02	2.11E-05	7.92E-07	8.52E-02	2.62E-03					
South Caroli	Sumter County	45085	R	3.00E-04	1.43E-01	2.02E-02	4.39E-06	2.92E-07	7.58E-02	3.94E-04					
South Caroli	Union County	45087	R	3.00E-04	1.21E-01	1.36E-02	1.01E-05	1.30E-07	6.93E-02	6.17E-04					
South Caroli	Williamsburg County	45089	R	3.00E-04	1.11E-01	7.10E-03	2.82E-06	1.70E-07	6.83E-02	2.89E-05					
South Caroli	York County	45091	U	3.00E-04	1.62E-01	3.25E-02	2.11E-05	8.67E-07	8.29E-02	6.08E-04					