

US EPA ARCHIVE DOCUMENT

1996 Modeled Exposure Concentrations for Kansas

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. 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 Kansas												
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
Kansas	State Total	20000	-	7.84E-05	2.14E-02	2.07E-02	2.17E-01	2.14E-02	1.57E-04	1.69E-05	7.13E-01	2.97E-06	1.68E-05	6.41E-01	6.83E-02	7.96E-05
Kansas	State Urban Counties	20000	U	9.61E-05	4.04E-02	3.38E-02	2.98E-01	3.41E-02	1.91E-04	2.84E-05	1.01E+00	4.88E-06	3.86E-05	6.41E-01	6.87E-02	1.89E-04
Kansas	State Rural Counties	20000	R	5.92E-06	2.17E-03	1.38E-03	6.82E-02	3.66E-03	1.22E-05	7.19E-07	4.50E-01	1.76E-07	6.94E-07	6.40E-01	6.79E-02	5.84E-06
Kansas	Allen County	20001	R	8.45E-05	5.29E-03	4.06E-03	1.00E-01	6.00E-03	1.52E-04	1.49E-06	5.05E-01	3.77E-07	3.40E-06	6.38E-01	6.78E-02	1.24E-05
Kansas	Anderson County	20003	R	9.96E-06	2.58E-03	1.45E-03	8.90E-02	5.80E-03	1.93E-05	4.98E-07	4.63E-01	1.42E-07	3.93E-07	6.45E-01	6.78E-02	3.06E-06
Kansas	Atchison County	20005	U	1.46E-04	1.61E-02	1.15E-02	2.17E-01	2.16E-02	2.60E-04	8.53E-06	5.89E-01	1.48E-06	4.08E-06	6.38E-01	6.82E-02	3.93E-05
Kansas	Barber County	20007	R	1.11E-06	7.04E-04	3.32E-04	3.37E-02	1.09E-03	2.41E-06	1.15E-07	4.23E-01	3.36E-08	1.38E-07	6.37E-01	6.78E-02	6.55E-07
Kansas	Barton County	20009	U	2.17E-05	1.83E-02	1.93E-02	8.94E-02	8.83E-03	4.13E-05	7.83E-06	6.23E-01	2.26E-06	4.22E-06	6.42E-01	6.79E-02	3.24E-04
Kansas	Bourbon County	20011	U	3.13E-05	7.34E-03	7.01E-03	8.06E-02	9.16E-03	5.83E-05	2.23E-06	4.89E-01	5.99E-07	1.80E-06	6.42E-01	6.77E-02	2.32E-04
Kansas	Brown County	20013	R	7.36E-06	2.36E-03	1.68E-03	9.77E-02	5.65E-03	1.67E-05	6.24E-06	4.56E-01	1.86E-07	9.87E-05	6.42E-01	6.80E-02	4.44E-06
Kansas	Butler County	20015	U	8.57E-06	9.21E-03	9.55E-03	8.96E-02	9.30E-03	2.51E-05	5.62E-06	5.84E-01	1.18E-06	6.91E-06	6.43E-01	7.18E-02	9.60E-05
Kansas	Chase County	20017	R	3.34E-06	8.85E-04	6.53E-04	5.84E-02	2.15E-03	6.68E-06	3.15E-07	4.31E-01	7.05E-08	2.30E-07	6.38E-01	6.77E-02	1.96E-06
Kansas	Chautauqua County	20019	R	6.31E-06	2.06E-03	6.75E-04	5.07E-02	5.67E-03	1.23E-05	1.13E-06	4.39E-01	9.68E-08	2.43E-06	6.43E-01	6.77E-02	3.21E-06
Kansas	Cherokee County	20021	R	1.62E-04	6.06E-03	6.00E-03	1.20E-01	1.37E-02	2.92E-04	1.43E-05	5.23E-01	1.18E-06	6.73E-06	6.39E-01	6.77E-02	5.52E-05
Kansas	Cheyenne County	20023	R	1.31E-06	4.16E-04	2.03E-04	2.53E-02	6.77E-04	2.53E-06	6.69E-08	4.15E-01	2.02E-08	8.97E-08	6.42E-01	6.79E-02	4.00E-07
Kansas	Clark County	20025	R	2.83E-07	3.52E-04	1.37E-04	2.68E-02	6.34E-04	8.64E-07	4.93E-08	4.14E-01	1.38E-08	4.59E-08	6.42E-01	6.77E-02	4.09E-07
Kansas	Clay County	20027	U	1.34E-05	7.46E-03	6.52E-03	2.40E-01	9.17E-03	2.96E-05	2.89E-06	5.06E-01	8.16E-07	1.61E-06	6.42E-01	6.79E-02	3.69E-05
Kansas	Cloud County	20029	U	3.86E-06	8.34E-03	6.08E-03	1.11E-01	7.49E-03	7.99E-06	1.78E-06	4.78E-01	5.24E-07	1.29E-06	6.41E-01	6.78E-02	2.46E-03
Kansas	Coffey County	20031	R	6.82E-06	1.56E-03	9.37E-04	6.91E-02	3.50E-03	1.36E-05	4.68E-07	4.55E-01	1.08E-07	3.93E-07	6.41E-01	6.78E-02	2.52E-06
Kansas	Comanche County	20033	R	6.82E-07	3.23E-04	1.34E-04	3.16E-02	4.46E-04	1.38E-06	4.62E-08	4.18E-01	1.36E-08	5.40E-08	6.36E-01	6.76E-02	2.79E-07
Kansas	Cowley County	20035	U	2.95E-06	1.53E-02	1.29E-02	9.19E-02	1.09E-02	9.69E-06	6.91E-06	5.48E-01	1.59E-06	4.91E-06	6.40E-01	6.79E-02	2.22E-04
Kansas	Crawford County	20037	U	1.07E-04	8.26E-03	1.10E-02	1.09E-01	1.10E-02	1.91E-04	1.88E-05	5.29E-01	1.88E-06	4.90E-06	6.35E-01	6.80E-02	3.91E-05
Kansas	Decatur County	20039	R	2.60E-06	1.81E-03	1.00E-03	7.28E-02	1.80E-03	4.91E-06	3.28E-07	4.31E-01	9.96E-08	3.04E-07	6.37E-01	6.79E-02	1.35E-06
Kansas	Dickinson County	20041	R	1.90E-05	5.03E-03	7.52E-03	1.17E-01	7.41E-03	4.53E-05	2.82E-06	5.07E-01	7.73E-07	1.57E-06	6.41E-01	6.80E-02	2.51E-05
Kansas	Doniphan County	20043	R	3.59E-05	3.41E-03	1.60E-03	9.70E-02	9.01E-03	6.80E-05	1.84E-05	4.82E-01	5.58E-07	1.80E-04	6.39E-01	6.80E-02	1.09E-05
Kansas	Douglas County	20045	U	7.03E-05	5.34E-02	4.98E-02	4.53E-01	5.08E-02	1.67E-04	2.38E-05	1.12E+00	6.41E-06	1.45E-05	6.39E-01	6.86E-02	6.37E-05
Kansas	Edwards County	20047	R	4.52E-07	6.54E-03	1.35E-03	9.35E-02	7.43E-03	1.41E-06	4.71E-07	4.50E-01	1.30E-07	3.71E-07	6.31E-01	6.80E-02	1.83E-06
Kansas	Elk County	20049	R	3.36E-06	1.24E-03	3.93E-04	5.40E-02	3.39E-03	6.65E-06	3.99E-07	4.33E-01	4.54E-08	6.82E-07	6.36E-01	6.80E-02	1.22E-06
Kansas	Ellis County	20051	U	3.33E-07	1.18E-02	1.70E-02	1.11E-01	7.09E-03	4.82E-06	7.09E-06	5.49E-01	2.06E-06	4.32E-06	6.35E-01	6.78E-02	1.60E-05
Kansas	Ellsworth County	20053	R	1.42E-06	1.84E-03	8.67E-04	5.91E-02	2.54E-03	3.97E-06	3.11E-07	4.41E-01	8.47E-08	4.73E-07	6.38E-01	6.78E-02	6.48E-06
Kansas	Finney County	20055	U	1.99E-05	2.24E-02	1.81E-02	9.81E-02	2.01E-02	3.74E-05	9.71E-06	5.69E-01	2.04E-06	3.81E-06	6.37E-01	6.81E-02	2.81E-05

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				Estimated Annual Median Exposure Concentrations (ug/m3) for Kansas												
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
Kansas	State Total	20000	-	0.00E+00	5.80E-01	6.08E-03	5.25E-02	6.06E-04	3.95E-01	7.51E-05	6.68E-09	5.25E-04	5.68E-04	1.23E-03	1.70E-01	1.77E-04
Kansas	State Urban Counties	20000	U	0.00E+00	7.43E-01	6.08E-03	5.25E-02	1.14E-03	4.92E-01	7.51E-05	1.92E-08	8.27E-04	7.73E-04	1.26E-03	2.08E-01	2.88E-04
Kansas	State Rural Counties	20000	R	0.00E+00	2.95E-01	6.08E-03	5.25E-02	2.96E-05	2.35E-01	7.51E-05	3.72E-11	2.68E-05	3.15E-05	1.19E-03	1.23E-01	1.04E-05
Kansas	Allen County	20001	R	0.00E+00	3.70E-01	6.08E-03	5.23E-02	5.02E-05	2.64E-01	7.51E-05	6.61E-12	3.44E-04	5.43E-05	1.20E-03	1.28E-01	3.85E-05
Kansas	Anderson County	20003	R	0.00E+00	3.56E-01	6.10E-03	5.24E-02	3.19E-05	2.55E-01	7.51E-05	5.67E-13	9.45E-06	1.81E-05	1.19E-03	1.24E-01	7.86E-06
Kansas	Atchison County	20005	U	0.00E+00	7.90E-01	6.08E-03	5.29E-02	2.16E-04	3.66E-01	7.55E-05	2.82E-10	2.38E-03	4.04E-03	1.21E-03	1.46E-01	1.48E-04
Kansas	Barber County	20007	R	0.00E+00	1.79E-01	6.08E-03	5.27E-02	1.04E-05	1.98E-01	7.51E-05	0.00E+00	3.10E-06	4.66E-06	1.19E-03	1.20E-01	1.54E-06
Kansas	Barton County	20009	U	0.00E+00	3.76E-01	6.09E-03	5.25E-02	4.98E-04	3.04E-01	7.54E-05	4.52E-11	1.11E-04	2.79E-04	1.20E-03	1.56E-01	7.66E-05
Kansas	Bourbon County	20011	U	0.00E+00	3.29E-01	6.08E-03	5.23E-02	5.75E-05	2.49E-01	7.50E-05	7.05E-10	3.17E-05	2.22E-04	1.20E-03	1.27E-01	1.00E-04
Kansas	Brown County	20013	R	0.00E+00	4.11E-01	6.08E-03	5.26E-02	3.09E-05	2.47E-01	7.52E-05	7.40E-12	2.51E-04	1.90E-04	1.19E-03	1.24E-01	1.06E-05
Kansas	Butler County	20015	U	0.00E+00	3.52E-01	6.08E-03	5.24E-02	2.08E-04	2.81E-01	7.50E-05	1.11E-08	2.27E-04	1.53E-04	1.20E-03	1.55E-01	8.73E-05
Kansas	Chase County	20017	R	0.00E+00	2.58E-01	6.07E-03	5.26E-02	1.03E-05	2.31E-01	7.49E-05	9.11E-12	4.12E-05	1.76E-05	1.18E-03	1.21E-01	4.48E-06
Kansas	Chautauqua County	20019	R	0.00E+00	2.41E-01	6.09E-03	5.21E-02	1.26E-05	2.25E-01	7.51E-05	7.85E-11	2.20E-05	1.04E-05	1.19E-03	1.21E-01	5.48E-06
Kansas	Cherokee County	20021	R	0.00E+00	3.20E-01	6.08E-03	5.24E-02	1.06E-04	2.81E-01	7.50E-05	7.81E-08	1.51E-03	2.34E-03	1.21E-03	1.41E-01	1.63E-04
Kansas	Cheyenne County	20023	R	0.00E+00	1.15E-01	6.09E-03	5.26E-02	4.68E-06	1.92E-01	7.52E-05	0.00E+00	7.72E-06	3.29E-06	1.19E-03	1.20E-01	6.37E-07
Kansas	Clark County	20025	R	0.00E+00	1.17E-01	6.08E-03	5.27E-02	8.05E-06	1.93E-01	7.50E-05	1.36E-11	9.55E-07	4.07E-06	1.18E-03	1.20E-01	7.58E-07
Kansas	Clay County	20027	U	0.00E+00	4.25E-01	6.08E-03	5.25E-02	2.04E-04	3.38E-01	7.54E-05	1.66E-11	2.94E-05	1.24E-04	1.19E-03	1.37E-01	4.87E-05
Kansas	Cloud County	20029	U	0.00E+00	3.12E-01	6.08E-03	5.25E-02	6.74E-05	2.72E-01	7.52E-05	0.00E+00	2.57E-05	2.86E-03	1.19E-03	1.29E-01	2.14E-05
Kansas	Coffey County	20031	R	0.00E+00	3.12E-01	6.08E-03	5.28E-02	1.74E-05	2.35E-01	7.52E-05	0.00E+00	2.73E-05	1.56E-05	1.19E-03	1.23E-01	1.05E-05
Kansas	Comanche County	20033	R	0.00E+00	1.29E-01	6.05E-03	5.26E-02	5.36E-06	1.97E-01	7.48E-05	0.00E+00	1.98E-06	2.29E-06	1.18E-03	1.19E-01	5.48E-07
Kansas	Cowley County	20035	U	0.00E+00	4.44E-01	6.08E-03	5.25E-02	7.02E-04	2.83E-01	7.51E-05	3.47E-10	7.97E-05	1.97E-04	1.20E-03	1.52E-01	2.28E-03
Kansas	Crawford County	20037	U	0.00E+00	3.70E-01	6.08E-03	5.29E-02	1.61E-04	2.79E-01	7.52E-05	8.64E-09	6.77E-04	2.43E-03	1.21E-03	1.39E-01	1.24E-04
Kansas	Decatur County	20039	R	0.00E+00	1.49E-01	6.09E-03	5.28E-02	4.68E-05	2.17E-01	7.53E-05	4.64E-12	6.34E-06	1.59E-05	1.19E-03	1.22E-01	3.26E-06
Kansas	Dickinson County	20041	R	0.00E+00	3.89E-01	6.08E-03	5.25E-02	1.04E-04	3.05E-01	7.52E-05	7.75E-09	1.39E-04	1.03E-04	1.20E-03	1.37E-01	3.77E-05
Kansas	Doniphan County	20043	R	0.00E+00	3.84E-01	6.08E-03	5.26E-02	5.61E-05	2.59E-01	7.52E-05	1.01E-09	5.15E-04	2.81E-04	1.20E-03	1.26E-01	3.02E-05
Kansas	Douglas County	20045	U	0.00E+00	9.68E-01	6.08E-03	5.27E-02	1.15E-02	6.34E-01	7.51E-05	6.19E-08	2.81E-03	8.47E-04	1.25E-03	2.14E-01	2.27E-04
Kansas	Edwards County	20047	R	0.00E+00	2.02E-01	6.08E-03	5.29E-02	4.22E-05	2.66E-01	7.53E-05	5.00E-12	1.39E-05	2.28E-05	1.19E-03	1.22E-01	7.48E-06
Kansas	Elk County	20049	R	0.00E+00	2.45E-01	6.07E-03	5.29E-02	4.66E-06	2.20E-01	7.50E-05	3.30E-11	7.44E-06	6.56E-06	1.19E-03	1.22E-01	2.07E-06
Kansas	Ellis County	20051	U	0.00E+00	3.46E-01	6.08E-03	5.26E-02	5.23E-04	2.61E-01	7.52E-05	0.00E+00	3.48E-03	2.24E-04	1.20E-03	1.54E-01	1.13E-04
Kansas	Ellsworth County	20053	R	0.00E+00	2.17E-01	6.08E-03	5.27E-02	8.76E-06	2.24E-01	7.51E-05	4.34E-10	9.09E-06	9.78E-05	1.19E-03	1.22E-01	4.57E-06
Kansas	Finney County	20055	U	0.00E+00	3.77E-01	6.09E-03	5.28E-02	2.74E-04	3.40E-01	7.55E-05	3.94E-09	9.46E-05	2.47E-04	1.20E-03	1.75E-01	1.41E-04

1996 Modeled Exposure Concentrations for Kansas

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 Kansas											
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					
Kansas	State Total	20000	-	3.00E-04	1.37E-01	1.92E-02	1.01E-05	2.79E-08	7.81E-02	2.01E-04					
Kansas	State Urban Counties	20000	U	3.00E-04	1.73E-01	3.09E-02	1.23E-05	7.51E-08	8.77E-02	2.50E-04					
Kansas	State Rural Counties	20000	R	3.00E-04	1.07E-01	1.49E-03	7.17E-07	7.43E-10	6.80E-02	1.41E-05					
Kansas	Allen County	20001	R	3.00E-04	1.10E-01	3.32E-03	9.30E-06	1.86E-10	6.85E-02	1.99E-04					
Kansas	Anderson County	20003	R	3.01E-04	1.07E-01	1.74E-03	1.15E-06	1.82E-11	6.77E-02	2.34E-05					
Kansas	Atchison County	20005	U	3.00E-04	1.26E-01	1.32E-01	1.62E-05	5.45E-09	7.09E-02	3.42E-04					
Kansas	Barber County	20007	R	3.00E-04	1.05E-01	3.40E-04	1.36E-07	0.00E+00	6.74E-02	2.61E-06					
Kansas	Barton County	20009	U	3.00E-04	1.24E-01	1.74E-02	2.49E-06	8.26E-10	7.16E-02	5.11E-05					
Kansas	Bourbon County	20011	U	3.00E-04	1.10E-01	7.59E-03	3.51E-06	2.12E-09	7.07E-02	7.45E-05					
Kansas	Brown County	20013	R	3.00E-04	1.08E-01	7.82E-03	9.03E-07	2.40E-10	6.78E-02	1.72E-05					
Kansas	Butler County	20015	U	3.00E-04	1.25E-01	7.93E-03	2.23E-06	4.08E-08	7.77E-02	2.30E-05					
Kansas	Chase County	20017	R	2.99E-04	1.07E-01	7.23E-04	3.95E-07	2.16E-10	6.77E-02	7.84E-06					
Kansas	Chautauqua County	20019	R	3.00E-04	1.06E-01	1.08E-03	7.51E-07	2.01E-09	6.72E-02	1.48E-05					
Kansas	Cherokee County	20021	R	3.00E-04	1.11E-01	6.02E-03	2.01E-05	1.43E-07	6.97E-02	3.87E-04					
Kansas	Cheyenne County	20023	R	3.01E-04	1.06E-01	2.14E-04	1.51E-07	0.00E+00	6.76E-02	3.07E-06					
Kansas	Clark County	20025	R	3.00E-04	1.06E-01	1.57E-04	4.48E-08	2.46E-10	6.75E-02	6.77E-07					
Kansas	Clay County	20027	U	3.00E-04	1.18E-01	6.62E-03	1.56E-06	4.03E-10	7.02E-02	3.71E-05					
Kansas	Cloud County	20029	U	3.00E-04	1.07E-01	5.24E-03	4.61E-07	0.00E+00	6.87E-02	9.07E-06					
Kansas	Coffey County	20031	R	3.00E-04	1.06E-01	1.02E-03	7.97E-07	0.00E+00	6.81E-02	1.61E-05					
Kansas	Comanche County	20033	R	2.99E-04	1.05E-01	1.26E-04	8.06E-08	0.00E+00	6.73E-02	1.60E-06					
Kansas	Cowley County	20035	U	3.00E-04	1.22E-01	1.18E-02	5.08E-07	4.53E-09	7.95E-02	7.08E-06					
Kansas	Crawford County	20037	U	3.00E-04	1.14E-01	9.77E-03	1.20E-05	3.36E-08	7.10E-02	2.53E-04					
Kansas	Decatur County	20039	R	3.00E-04	1.06E-01	1.04E-03	2.97E-07	8.68E-11	6.78E-02	6.10E-06					
Kansas	Dickinson County	20041	R	3.00E-04	1.13E-01	6.18E-03	2.33E-06	2.53E-08	6.97E-02	5.80E-05					
Kansas	Doniphan County	20043	R	3.00E-04	1.08E-01	1.13E-02	4.17E-06	1.25E-08	6.85E-02	8.47E-05					
Kansas	Douglas County	20045	U	3.00E-04	1.59E-01	4.53E-02	1.17E-05	2.24E-07	8.21E-02	1.76E-04					
Kansas	Edwards County	20047	R	3.00E-04	1.05E-01	2.24E-03	6.97E-08	9.12E-11	6.79E-02	1.07E-06					
Kansas	Elk County	20049	R	3.00E-04	1.06E-01	6.61E-04	4.00E-07	8.66E-10	6.80E-02	7.90E-06					
Kansas	Ellis County	20051	U	3.00E-04	1.27E-01	1.39E-02	1.64E-07	0.00E+00	7.41E-02	8.08E-07					
Kansas	Ellsworth County	20053	R	3.00E-04	1.06E-01	8.33E-04	2.60E-07	6.61E-09	6.76E-02	3.53E-06					
Kansas	Finney County	20055	U	3.01E-04	1.38E-01	1.67E-02	2.34E-06	1.01E-08	7.16E-02	4.70E-05					

				Estimated Annual Median Exposure Concentrations (ug/m3) for Kansas												
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
Kansas	Ford County	20057	U	2.13E-07	1.94E-02	1.70E-02	7.53E-02	7.60E-03	4.69E-06	7.90E-06	5.96E-01	2.02E-06	3.45E-06	6.39E-01	6.79E-02	1.69E-05
Kansas	Franklin County	20059	R	2.57E-05	1.57E-02	1.56E-02	2.74E-01	2.37E-02	6.07E-05	7.27E-06	6.62E-01	1.99E-06	4.33E-06	6.43E-01	6.81E-02	2.79E-05
Kansas	Geary County	20061	U	2.80E-05	3.48E-02	3.53E-02	2.97E-01	2.95E-02	8.32E-05	1.07E-05	7.98E-01	3.24E-06	6.58E-06	6.39E-01	6.82E-02	1.02E-04
Kansas	Gove County	20063	R	1.57E-06	3.77E-04	1.74E-04	2.67E-02	5.46E-04	2.99E-06	6.31E-08	4.14E-01	1.82E-08	3.59E-08	6.33E-01	6.79E-02	7.28E-07
Kansas	Graham County	20065	R	2.09E-06	1.60E-03	1.04E-03	7.57E-02	1.75E-03	4.21E-06	3.35E-07	4.27E-01	1.06E-07	1.92E-07	6.37E-01	6.79E-02	2.48E-06
Kansas	Grant County	20067	U	2.69E-06	2.62E-03	3.59E-03	6.88E-02	2.20E-03	8.05E-06	1.87E-06	4.62E-01	3.84E-07	6.04E-07	6.47E-01	6.78E-02	3.52E-06
Kansas	Gray County	20069	R	2.70E-06	7.57E-04	4.70E-04	2.92E-02	1.23E-03	5.23E-06	1.74E-07	4.25E-01	4.86E-08	1.25E-07	6.42E-01	6.76E-02	9.36E-07
Kansas	Greeley County	20071	R	7.39E-07	2.79E-04	9.92E-05	2.45E-02	3.12E-04	1.42E-06	3.48E-08	4.18E-01	1.08E-08	4.50E-08	6.30E-01	6.79E-02	2.25E-07
Kansas	Greenwood County	20073	R	4.01E-06	1.15E-03	5.50E-04	4.25E-02	2.50E-03	7.78E-06	2.47E-07	4.29E-01	4.69E-08	2.46E-07	6.35E-01	6.77E-02	1.22E-06
Kansas	Hamilton County	20075	R	1.91E-06	3.52E-04	1.25E-04	2.16E-02	5.75E-04	3.45E-06	4.33E-08	4.18E-01	1.29E-08	2.00E-08	6.43E-01	6.79E-02	2.61E-07
Kansas	Harper County	20077	R	1.74E-06	1.81E-03	7.75E-04	5.88E-02	2.58E-03	4.07E-06	6.52E-07	4.47E-01	9.06E-08	4.05E-07	6.38E-01	6.78E-02	2.23E-06
Kansas	Harvey County	20079	U	1.18E-04	2.34E-02	3.22E-02	1.96E-01	1.98E-02	2.17E-04	1.75E-05	7.46E-01	3.90E-06	2.28E-05	6.41E-01	7.28E-02	2.16E-04
Kansas	Haskell County	20081	R	6.05E-06	8.42E-04	3.36E-04	4.83E-02	1.40E-03	1.12E-05	3.08E-06	4.30E-01	1.91E-07	4.63E-07	6.35E-01	6.84E-02	2.58E-06
Kansas	Hodgeman County	20083	R	8.20E-07	3.94E-04	2.96E-04	2.93E-02	7.60E-04	2.01E-06	1.22E-07	4.14E-01	3.26E-08	1.06E-07	6.53E-01	6.75E-02	6.85E-07
Kansas	Jackson County	20085	R	3.57E-05	8.47E-03	4.21E-03	1.74E-01	1.56E-02	6.65E-05	3.82E-06	5.61E-01	7.82E-07	2.40E-06	6.42E-01	6.80E-02	1.16E-05
Kansas	Jefferson County	20087	R	1.44E-04	9.64E-03	5.46E-03	2.12E-01	1.97E-02	2.54E-04	3.78E-06	6.11E-01	8.14E-07	3.47E-06	6.43E-01	6.82E-02	1.43E-05
Kansas	Jewell County	20089	R	7.13E-07	1.85E-03	5.23E-04	5.46E-02	2.89E-03	1.98E-06	1.67E-07	4.30E-01	4.91E-08	1.49E-07	6.44E-01	6.79E-02	1.09E-05
Kansas	Johnson County	20091	U	3.92E-04	6.84E-02	4.96E-02	5.95E-01	7.41E-02	1.20E-03	6.47E-05	1.52E+00	8.66E-06	1.04E-04	6.40E-01	6.93E-02	2.95E-04
Kansas	Kearny County	20093	R	3.10E-06	1.15E-03	3.20E-04	3.42E-02	2.05E-03	5.89E-06	1.32E-06	4.24E-01	9.25E-08	2.18E-07	6.39E-01	6.77E-02	1.44E-06
Kansas	Kingman County	20095	R	1.87E-05	1.93E-03	1.69E-03	6.22E-02	4.07E-03	3.57E-05	3.02E-06	4.87E-01	2.66E-07	4.68E-06	6.46E-01	6.75E-02	8.33E-06
Kansas	Kiowa County	20097	R	1.67E-06	5.79E-04	2.58E-04	4.11E-02	9.41E-04	3.37E-06	9.49E-08	4.13E-01	2.72E-08	1.36E-07	6.53E-01	6.76E-02	6.34E-07
Kansas	Labette County	20099	R	1.16E-04	8.75E-03	8.27E-03	1.03E-01	1.13E-02	2.03E-04	1.84E-05	5.18E-01	1.50E-06	4.87E-05	6.40E-01	6.78E-02	5.45E-05
Kansas	Lane County	20101	R	1.85E-07	3.42E-04	1.34E-04	1.88E-02	3.05E-04	5.11E-07	4.68E-08	4.13E-01	1.32E-08	3.31E-08	6.47E-01	6.75E-02	2.88E-07
Kansas	Leavenworth County	20103	U	1.42E-04	2.14E-02	3.09E-02	3.13E-01	3.98E-02	5.86E-04	2.91E-05	8.04E-01	4.29E-06	4.42E-05	6.40E-01	6.84E-02	1.25E-04
Kansas	Lincoln County	20105	R	1.76E-06	8.78E-04	3.52E-04	4.72E-02	1.52E-03	3.57E-06	1.34E-07	4.25E-01	3.70E-08	1.65E-07	6.36E-01	6.78E-02	7.66E-07
Kansas	Linn County	20107	R	8.29E-06	3.31E-03	1.46E-03	9.33E-02	8.43E-03	1.68E-05	3.27E-06	4.70E-01	2.89E-07	9.75E-07	6.41E-01	6.80E-02	1.60E-05
Kansas	Logan County	20109	R	1.61E-06	5.38E-04	4.27E-04	1.90E-02	4.94E-04	2.96E-06	1.48E-07	4.14E-01	4.44E-08	9.12E-08	6.45E-01	6.80E-02	5.43E-07
Kansas	Lyon County	20111	U	3.81E-05	1.53E-02	2.45E-02	1.17E-01	1.06E-02	7.10E-05	1.33E-05	5.75E-01	2.49E-06	5.61E-06	6.41E-01	6.80E-02	4.23E-05
Kansas	McPherson County	20113	U	3.82E-05	4.80E-03	4.78E-03	8.69E-02	5.69E-03	7.16E-05	1.32E-05	4.95E-01	1.25E-06	2.18E-05	6.43E-01	6.80E-02	2.20E-04
Kansas	Marion County	20115	R	8.16E-06	1.66E-03	1.17E-03	5.09E-02	2.82E-03	1.60E-05	5.27E-07	4.42E-01	1.18E-07	9.90E-07	6.39E-01	6.79E-02	4.62E-06
Kansas	Marshall County	20117	R	4.46E-06	2.73E-03	1.06E-03	8.04E-02	5.65E-03	1.02E-05	4.93E-07	4.48E-01	1.15E-07	6.75E-07	6.38E-01	6.79E-02	5.29E-06
Kansas	Meade County	20119	R	3.08E-06	9.29E-04	6.62E-04	3.70E-02	1.05E-03	6.02E-06	2.57E-07	4.26E-01	7.36E-08	1.45E-07	6.38E-01	6.77E-02	1.30E-06
Kansas	Miami County	20121	U	7.97E-05	9.52E-03	7.31E-03	1.87E-01	2.07E-02	1.59E-04	1.16E-05	6.11E-01	1.34E-06	7.79E-06	6.42E-01	6.80E-02	4.32E-05
Kansas	Mitchell County	20123	U	3.72E-06	9.64E-04	6.34E-04	4.92E-02	1.64E-03	7.22E-06	2.40E-07	4.23E-01	6.61E-08	3.45E-07	6.38E-01	6.78E-02	1.37E-05
Kansas	Montgomery County	20125	U	3.65E-05	1.48E-02	1.38E-02	1.10E-01	1.57E-02	7.25E-05	1.47E-05	6.67E-01	1.86E-06	3.77E-05	6.41E-01	6.79E-02	5.89E-05
Kansas	Morris County	20127	R	6.87E-06	4.05E-03	2.45E-03	1.19E-01	5.75E-03	1.65E-05	9.95E-07	4.68E-01	2.65E-07	6.32E-07	6.37E-01	6.77E-02	2.72E-05
Kansas	Morton County	20129	R	2.62E-06	6.93E-04	2.89E-04	6.38E-02	9.60E-04	5.09E-06	1.04E-07	4.30E-01	3.11E-08	4.92E-08	6.45E-01	6.77E-02	6.74E-07
Kansas	Nemaha County	20131	R	1.37E-06	3.03E-03	1.59E-03	9.93E-02	5.65E-03	5.32E-06	9.54E-07	4.72E-01	2.60E-07	1.12E-06	6.41E-01	6.79E-02	4.29E-06
Kansas	Neosho County	20133	U	2.33E-05	1.34E-02	1.33E-02	1.17E-01	1.02E-02	4.57E-05	6.37E-06	5.50E-01	1.58E-06	6.41E-06	6.38E-01	6.81E-02	8.69E-05
Kansas	Ness County	20135	R	1.90E-05	7.44E-04	4.23E-04	3.11E-02	7.14E-04	3.29E-05	1.16E-07	4.19E-01	3.51E-08	5.76E-08	6.41E-01	6.81E-02	8.13E-07
Kansas	Norton County	20137	R	5.15E-06	8.30E-04	6.62E-04	3.43E-02	1.20E-03	9.50E-06	2.57E-07	4.22E-01	8.91E-08	4.69E-07	6.47E-01	6.80E-02	1.19E-06
Kansas	Osage County	20139	R	1.17E-05	6.45E-03	6.36E-03	1.53E-01	1.31E-02	2.48E-05	2.43E-06	5.32E-01	6.74E-07	1.99E-06	6.41E-01	6.80E-02	1.06E-05
Kansas	Osborne County	20141	R	2.25E-06	8.01E-04	4.53E-04	3.88E-02	1.06E-03	4.33E-06	1.68E-07	4.18E-01	4.81E-08	1.90E-07	6.43E-01	6.76E-02	8.16E-07
Kansas	Ottawa County	20143	R	1.64E-06	2.63E-03	1.74E-03	7.99E-02	3.86E-03	5.62E-06	1.08E-06	4.50E-01	1.99E-07	1.00E-06	6.42E-01	6.79E-02	2.49E-05
Kansas	Pawnee County	20145	U	2.56E-06	3.13E-03	3.32E-03	7.53E-02	2.57E-03	5.72E-06	1.12E-06	4.59E-01	3.37E-07	1.18E-06	6.42E-01	6.76E-02	1.14E-05
Kansas	Phillips County	20147	R	4.01E-07	7.61E-04	2.77E-04	2.91E-02	1.14E-03	1.39E-06	1.08E-07	4.25E-01	2.92E-08	1.41E-07	6.41E-01	6.78E-02	6.90E-07
Kansas	Pottawatomie County	20149	R	2.25E-05	6.56E-03	4.16E-03	1.28E-01	1.07E-02	4.84E-05	7.76E-06	5.17E-01	7.74E-07	3.54E-06	6.41E-01	6.79E-02	1.85E-05
Kansas	Pratt County	20151	U	6.09E-06	6.96E-03	9.58E-03	1.04E-01	3.59E-03	1.20E-05	3.05E-06	4.83E-01	9.22E-07	1.63E-06	6.35E-01	6.77E-02	6.92E-06
Kansas	Rawlins County	20153	R	1.26E-06	1.12E-03	8.95E-04	2.84E-02	9.58E-04	2.53E-06	3.40E-07	4.26E-01	1.02E-07	1.94E-07	6.40E-01	6.81E-02	1.35E-06
Kansas	Reno County	20155	U	5.34E-05	1.22E-02	1.79E-02	1.18E-01	9.40E-03	1.10E-04	1.09E-05	5.84E-01	2.28E-06	1.09E-05	6.41E-01	6.79E-02	6.91E-05
Kansas	Republic County	20157	R	1.94E-06	1.10E-03	5.53E-04	5.72E-02	2.29E-03	4.30E-06	2.58E-07	4.31E-01	6.67E-08	3.40E-07	6.37E-01	6.81E-02	6.02E-05

				Estimated Annual Median Exposure Concentrations (ug/m3) for Kansas												
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
Kansas	Ford County	20057	U	0.00E+00	3.14E-01	6.08E-03	5.25E-02	2.11E-04	2.84E-01	7.53E-05	2.85E-08	1.42E-04	1.82E-03	1.19E-03	1.50E-01	1.71E-04
Kansas	Franklin County	20059	R	0.00E+00	7.17E-01	6.08E-03	5.24E-02	5.31E-04	4.35E-01	7.54E-05	3.20E-10	1.83E-04	2.47E-04	1.21E-03	1.59E-01	1.19E-04
Kansas	Geary County	20061	U	0.00E+00	7.43E-01	6.08E-03	5.25E-02	5.00E-04	4.67E-01	7.51E-05	7.32E-10	1.96E-04	5.05E-04	1.22E-03	1.65E-01	9.71E-05
Kansas	Gove County	20063	R	0.00E+00	1.18E-01	6.07E-03	5.27E-02	9.93E-06	1.90E-01	7.51E-05	2.61E-10	1.63E-06	2.97E-06	1.18E-03	1.20E-01	8.24E-07
Kansas	Graham County	20065	R	0.00E+00	1.66E-01	6.08E-03	5.27E-02	2.68E-05	2.19E-01	7.52E-05	2.08E-09	1.28E-05	1.61E-05	1.19E-03	1.22E-01	3.22E-06
Kansas	Grant County	20067	U	0.00E+00	1.80E-01	6.09E-03	5.25E-02	8.55E-05	3.73E-01	7.53E-05	2.62E-08	2.03E-05	3.47E-05	1.19E-03	1.26E-01	1.64E-05
Kansas	Gray County	20069	R	0.00E+00	1.30E-01	6.08E-03	5.21E-02	4.06E-06	1.98E-01	7.50E-05	3.48E-11	1.50E-05	1.85E-05	1.19E-03	1.21E-01	2.70E-06
Kansas	Greeley County	20071	R	0.00E+00	1.05E-01	6.07E-03	5.33E-02	3.32E-06	1.86E-01	7.51E-05	3.33E-12	7.23E-07	1.77E-06	1.18E-03	1.21E-01	3.79E-07
Kansas	Greenwood County	20073	R	0.00E+00	2.54E-01	6.08E-03	5.25E-02	8.55E-06	2.16E-01	7.50E-05	1.41E-11	1.78E-05	8.53E-06	1.19E-03	1.22E-01	2.58E-06
Kansas	Hamilton County	20075	R	0.00E+00	9.44E-02	6.08E-03	5.23E-02	7.49E-06	1.91E-01	7.53E-05	0.00E+00	1.42E-06	2.00E-06	1.19E-03	1.21E-01	6.53E-07
Kansas	Harper County	20077	R	0.00E+00	2.66E-01	6.07E-03	5.27E-02	2.00E-05	2.18E-01	7.51E-05	0.00E+00	1.35E-05	1.05E-05	1.19E-03	1.22E-01	4.56E-06
Kansas	Harvey County	20079	U	0.00E+00	7.05E-01	6.07E-03	5.24E-02	1.06E-03	3.88E-01	7.51E-05	1.00E-08	3.38E-04	3.14E-03	1.25E-03	1.09E+00	3.24E-04
Kansas	Haskell County	20081	R	0.00E+00	1.30E-01	6.10E-03	5.35E-02	1.25E-05	2.27E-01	7.56E-05	8.04E-11	9.53E-06	8.87E-06	1.19E-03	1.22E-01	4.45E-06
Kansas	Hodgeman County	20083	R	0.00E+00	1.32E-01	6.08E-03	5.19E-02	1.35E-05	2.00E-01	7.49E-05	8.15E-11	8.25E-06	2.64E-05	1.19E-03	1.21E-01	2.40E-06
Kansas	Jackson County	20085	R	0.00E+00	4.68E-01	6.09E-03	5.26E-02	1.02E-04	3.20E-01	7.52E-05	4.98E-09	4.58E-05	7.59E-05	1.21E-03	1.32E-01	2.73E-05
Kansas	Jefferson County	20087	R	0.00E+00	5.49E-01	6.09E-03	5.29E-02	4.40E-04	3.59E-01	7.53E-05	1.94E-09	1.40E-04	1.78E-04	1.22E-03	1.37E-01	3.96E-05
Kansas	Jewell County	20089	R	0.00E+00	2.22E-01	6.09E-03	5.24E-02	9.59E-06	2.20E-01	7.53E-05	0.00E+00	4.62E-06	1.95E-05	1.19E-03	1.21E-01	1.89E-06
Kansas	Johnson County	20091	U	0.00E+00	9.68E-01	6.08E-03	5.27E-02	2.36E-03	7.87E-01	7.50E-05	1.62E-07	2.75E-03	1.15E-03	1.40E-03	2.34E-01	3.32E-04
Kansas	Kearny County	20093	R	0.00E+00	1.04E-01	6.09E-03	5.23E-02	6.35E-06	2.11E-01	7.51E-05	8.51E-11	6.20E-06	6.33E-06	1.19E-03	1.22E-01	2.42E-06
Kansas	Kingman County	20095	R	0.00E+00	2.99E-01	6.09E-03	5.20E-02	3.97E-05	2.55E-01	7.48E-05	1.82E-10	5.90E-05	2.82E-05	1.19E-03	1.26E-01	1.39E-05
Kansas	Kiowa County	20097	R	0.00E+00	1.40E-01	6.08E-03	5.22E-02	1.18E-05	2.33E-01	7.49E-05	2.69E-12	3.54E-06	5.68E-06	1.19E-03	1.21E-01	1.26E-06
Kansas	Labette County	20099	R	0.00E+00	3.74E-01	6.08E-03	5.25E-02	5.58E-04	2.75E-01	7.50E-05	1.24E-10	5.82E-04	3.35E-04	1.22E-03	1.47E-01	1.04E-04
Kansas	Lane County	20101	R	0.00E+00	1.15E-01	6.09E-03	5.20E-02	3.25E-06	1.90E-01	7.49E-05	0.00E+00	1.76E-06	2.24E-06	1.19E-03	1.21E-01	5.85E-07
Kansas	Leavenworth County	20103	U	0.00E+00	7.16E-01	6.08E-03	5.25E-02	1.31E-03	5.07E-01	7.51E-05	6.44E-08	2.56E-03	7.31E-04	1.29E-03	2.03E-01	1.61E-04
Kansas	Lincoln County	20105	R	0.00E+00	1.98E-01	6.06E-03	5.28E-02	7.13E-06	2.10E-01	7.51E-05	0.00E+00	2.89E-06	3.13E-05	1.18E-03	1.22E-01	2.12E-06
Kansas	Linn County	20107	R	0.00E+00	3.67E-01	6.08E-03	5.27E-02	1.81E-05	2.60E-01	7.51E-05	1.97E-11	1.50E-05	3.81E-05	1.19E-03	1.25E-01	2.06E-05
Kansas	Logan County	20109	R	0.00E+00	1.08E-01	6.09E-03	5.26E-02	9.11E-06	1.91E-01	7.53E-05	2.46E-12	4.54E-06	6.57E-06	1.19E-03	1.21E-01	1.37E-06
Kansas	Lyon County	20111	U	0.00E+00	5.17E-01	6.08E-03	5.25E-02	2.03E-04	3.24E-01	7.52E-05	0.00E+00	1.68E-03	7.79E-04	1.20E-03	1.56E-01	1.70E-04
Kansas	McPherson County	20113	U	0.00E+00	3.63E-01	6.08E-03	5.23E-02	1.08E-04	2.77E-01	7.52E-05	2.13E-09	8.50E-04	4.48E-04	1.22E-03	1.61E-01	3.32E-04
Kansas	Marion County	20115	R	0.00E+00	2.94E-01	6.08E-03	5.24E-02	3.10E-05	2.23E-01	7.50E-05	6.89E-11	1.70E-05	4.12E-05	1.19E-03	1.38E-01	6.39E-06
Kansas	Marshall County	20117	R	0.00E+00	3.30E-01	6.07E-03	5.26E-02	2.07E-05	2.42E-01	7.52E-05	1.21E-09	1.21E-05	2.43E-05	1.19E-03	1.23E-01	1.19E-05
Kansas	Meade County	20119	R	0.00E+00	1.57E-01	6.08E-03	5.27E-02	1.68E-05	2.19E-01	7.51E-05	2.65E-09	8.31E-06	1.10E-05	1.19E-03	1.23E-01	3.44E-06
Kansas	Miami County	20121	U	0.00E+00	5.26E-01	6.08E-03	5.25E-02	3.30E-04	4.20E-01	7.50E-05	3.19E-09	1.99E-04	1.45E-04	1.22E-03	1.44E-01	5.42E-05
Kansas	Mitchell County	20123	U	0.00E+00	2.04E-01	6.08E-03	5.28E-02	1.35E-05	2.19E-01	7.51E-05	0.00E+00	6.52E-06	2.18E-05	1.19E-03	1.21E-01	3.50E-06
Kansas	Montgomery County	20125	U	0.00E+00	4.26E-01	6.08E-03	5.26E-02	2.11E-04	3.09E-01	7.51E-05	1.27E-08	6.08E-04	4.94E-04	1.22E-03	1.39E-01	9.59E-05
Kansas	Morris County	20127	R	0.00E+00	3.27E-01	6.07E-03	5.25E-02	3.99E-05	2.70E-01	7.49E-05	7.19E-11	4.75E-05	3.33E-05	1.19E-03	1.26E-01	1.75E-05
Kansas	Morton County	20129	R	0.00E+00	1.00E-01	6.07E-03	5.24E-02	1.60E-05	2.30E-01	7.50E-05	0.00E+00	6.89E-05	5.14E-06	1.18E-03	1.20E-01	1.14E-06
Kansas	Nemaha County	20131	R	0.00E+00	3.56E-01	6.09E-03	5.25E-02	3.52E-05	2.56E-01	7.53E-05	2.59E-11	1.47E-05	3.27E-05	1.20E-03	1.23E-01	1.47E-05
Kansas	Neosho County	20133	U	0.00E+00	4.35E-01	6.08E-03	5.31E-02	2.52E-04	2.89E-01	7.53E-05	6.40E-11	3.65E-04	1.90E-04	1.19E-03	1.44E-01	2.22E-04
Kansas	Ness County	20135	R	0.00E+00	1.52E-01	6.09E-03	5.29E-02	9.79E-06	1.95E-01	7.54E-05	0.00E+00	1.88E-06	6.97E-06	1.19E-03	1.21E-01	9.02E-07
Kansas	Norton County	20137	R	0.00E+00	1.39E-01	6.11E-03	5.23E-02	1.73E-05	2.01E-01	7.54E-05	9.82E-12	8.38E-06	9.08E-06	1.19E-03	1.22E-01	2.75E-06
Kansas	Osage County	20139	R	0.00E+00	4.31E-01	6.08E-03	5.24E-02	1.38E-04	3.23E-01	7.51E-05	2.05E-11	5.12E-05	7.83E-05	1.20E-03	1.32E-01	2.57E-05
Kansas	Osborne County	20141	R	0.00E+00	1.67E-01	6.07E-03	5.24E-02	7.52E-06	2.04E-01	7.50E-05	0.00E+00	4.88E-06	6.96E-06	1.18E-03	1.21E-01	2.40E-06
Kansas	Ottawa County	20143	R	0.00E+00	2.88E-01	6.09E-03	5.25E-02	3.92E-05	2.42E-01	7.52E-05	8.64E-11	5.33E-04	4.94E-05	1.20E-03	1.26E-01	1.52E-05
Kansas	Pawnee County	20145	U	0.00E+00	2.07E-01	6.07E-03	5.21E-02	6.13E-04	2.28E-01	7.50E-05	0.00E+00	3.16E-05	3.31E-05	1.19E-03	1.25E-01	1.19E-05
Kansas	Phillips County	20147	R	0.00E+00	1.53E-01	6.08E-03	5.24E-02	8.42E-06	1.99E-01	7.52E-05	2.27E-10	2.46E-06	5.34E-06	1.19E-03	1.22E-01	5.99E-06
Kansas	Pottawatomie County	20149	R	0.00E+00	3.65E-01	6.08E-03	5.23E-02	8.21E-05	3.01E-01	7.50E-05	9.80E-11	4.45E-05	7.81E-05	1.20E-03	1.30E-01	2.75E-05
Kansas	Pratt County	20151	U	0.00E+00	3.71E-01	6.08E-03	5.24E-02	2.49E-04	2.72E-01	7.55E-05	3.05E-11	3.86E-05	1.36E-04	1.19E-03	1.35E-01	3.10E-05
Kansas	Rawlins County	20153	R	0.00E+00	1.57E-01	6.09E-03	5.27E-02	7.43E-05	2.00E-01	7.55E-05	0.00E+00	2.49E-06	1.43E-05	1.19E-03	1.23E-01	3.59E-06
Kansas	Reno County	20155	U	0.00E+00	4.16E-01	6.07E-03	5.23E-02	1.92E-04	3.02E-01	7.51E-05	1.05E-07	1.91E-04	1.85E-03	1.21E-03	1.55E-01	1.70E-04
Kansas	Republic County	20157	R	0.00E+00	2.63E-01	6.07E-03	5.31E-02	1.76E-05	2.14E-01	7.53E-05	0.00E+00	2.57E-05	1.06E-04	1.19E-03	1.22E-01	5.53E-06

				Estimated Annual Median Exposure Concentrations (ug/m3) for Kansas											
State	County	FIPS	Urban or Rural	PCBS	Perchloroethylene	POM (total)	Propylene Dichloride	Quinoline	Trichloroethylene	Vinyl Chloride					
Kansas	Ford County	20057	U	3.00E-04	1.19E-01	1.39E-02	7.47E-07	7.41E-08	7.19E-02	2.65E-06					
Kansas	Franklin County	20059	R	3.00E-04	1.21E-01	1.48E-02	3.40E-06	8.85E-09	7.55E-02	6.12E-05					
Kansas	Geary County	20061	U	3.00E-04	1.33E-01	3.08E-02	3.62E-06	5.12E-09	7.28E-02	9.45E-05					
Kansas	Gove County	20063	R	3.00E-04	1.05E-01	1.89E-02	1.89E-07	1.11E-09	6.76E-02	3.70E-06					
Kansas	Graham County	20065	R	3.00E-04	1.06E-01	1.07E-03	2.93E-07	5.87E-09	6.78E-02	5.07E-06					
Kansas	Grant County	20067	U	3.00E-04	1.10E-01	3.76E-03	9.33E-07	6.72E-08	6.80E-02	8.24E-06					
Kansas	Gray County	20069	R	3.00E-04	1.06E-01	4.80E-04	3.21E-07	7.94E-10	6.73E-02	6.36E-06					
Kansas	Greeley County	20071	R	3.00E-04	1.05E-01	1.05E-04	8.54E-08	4.18E-11	6.80E-02	1.74E-06					
Kansas	Greenwood County	20073	R	3.00E-04	1.06E-01	6.08E-04	4.69E-07	2.78E-10	6.78E-02	9.44E-06					
Kansas	Hamilton County	20075	R	3.00E-04	1.06E-01	1.55E-04	2.13E-07	0.00E+00	6.74E-02	4.49E-06					
Kansas	Harper County	20077	R	3.00E-04	1.07E-01	1.00E-03	2.22E-07	0.00E+00	6.79E-02	4.10E-06					
Kansas	Harvey County	20079	U	3.00E-04	1.53E-01	2.72E-02	1.36E-05	3.82E-08	9.32E-02	2.81E-04					
Kansas	Haskell County	20081	R	3.01E-04	1.06E-01	3.88E-04	6.95E-07	1.13E-09	6.82E-02	1.42E-05					
Kansas	Hodgeman County	20083	R	3.00E-04	1.07E-01	3.00E-04	1.17E-07	1.10E-09	6.69E-02	1.97E-06					
Kansas	Jackson County	20085	R	3.01E-04	1.12E-01	5.06E-03	4.24E-06	2.08E-08	6.97E-02	8.41E-05					
Kansas	Jefferson County	20087	R	3.00E-04	1.13E-01	6.98E-03	1.59E-05	1.10E-08	7.13E-02	3.37E-04					
Kansas	Jewell County	20089	R	3.00E-04	1.06E-01	7.41E-04	1.01E-07	0.00E+00	6.75E-02	1.68E-06					
Kansas	Johnson County	20091	U	3.00E-04	2.27E-01	4.54E-02	4.70E-05	2.57E-07	9.43E-02	9.49E-04					
Kansas	Kearny County	20093	R	3.00E-04	1.07E-01	4.96E-04	3.66E-07	1.28E-09	6.73E-02	7.33E-06					
Kansas	Kingman County	20095	R	3.00E-04	1.08E-01	1.55E-03	2.19E-06	3.05E-09	6.79E-02	4.41E-05					
Kansas	Kiowa County	20097	R	3.00E-04	1.06E-01	2.91E-04	1.97E-07	5.96E-11	6.72E-02	3.90E-06					
Kansas	Labette County	20099	R	3.00E-04	1.13E-01	7.56E-03	1.28E-05	3.62E-09	6.99E-02	2.71E-04					
Kansas	Lane County	20101	R	3.00E-04	1.06E-01	1.33E-04	2.61E-08	0.00E+00	6.70E-02	4.34E-07					
Kansas	Leavenworth County	20103	U	3.00E-04	1.93E-01	3.19E-02	1.64E-05	1.16E-07	7.85E-02	3.31E-04					
Kansas	Lincoln County	20105	R	2.99E-04	1.06E-01	4.15E-04	2.08E-07	0.00E+00	6.78E-02	4.12E-06					
Kansas	Linn County	20107	R	3.00E-04	1.08E-01	1.96E-03	9.81E-07	3.06E-10	6.85E-02	1.94E-05					
Kansas	Logan County	20109	R	3.01E-04	1.07E-01	3.96E-04	1.81E-07	3.65E-11	6.77E-02	3.77E-06					
Kansas	Lyon County	20111	U	3.00E-04	1.46E-01	2.00E-02	4.31E-06	0.00E+00	7.14E-02	8.94E-05					
Kansas	McPherson County	20113	U	3.00E-04	1.11E-01	4.81E-03	4.45E-06	1.68E-08	6.92E-02	9.05E-05					
Kansas	Marion County	20115	R	3.00E-04	1.07E-01	1.09E-03	9.76E-07	1.16E-09	6.80E-02	1.92E-05					
Kansas	Marshall County	20117	R	3.00E-04	1.07E-01	1.35E-03	6.31E-07	7.26E-09	6.81E-02	1.07E-05					
Kansas	Meade County	20119	R	3.00E-04	1.06E-01	6.73E-04	4.16E-07	7.32E-09	6.78E-02	7.43E-06					
Kansas	Miami County	20121	U	3.00E-04	1.20E-01	7.36E-03	9.25E-06	2.17E-08	7.14E-02	1.88E-04					
Kansas	Mitchell County	20123	U	3.00E-04	1.06E-01	6.95E-04	4.31E-07	0.00E+00	6.76E-02	8.72E-06					
Kansas	Montgomery County	20125	U	3.00E-04	1.13E-01	1.31E-02	4.73E-06	3.68E-08	6.99E-02	8.82E-05					
Kansas	Morris County	20127	R	2.99E-04	1.07E-01	2.97E-03	8.36E-07	1.16E-09	6.80E-02	1.98E-05					
Kansas	Morton County	20129	R	3.00E-04	1.06E-01	4.63E-04	3.03E-07	0.00E+00	6.73E-02	6.14E-06					
Kansas	Nemaha County	20131	R	3.00E-04	1.06E-01	2.00E-03	2.44E-07	5.09E-10	6.78E-02	3.22E-06					
Kansas	Neosho County	20133	U	3.00E-04	1.20E-01	1.12E-02	2.66E-06	1.19E-09	7.05E-02	5.51E-05					
Kansas	Ness County	20135	R	3.01E-04	1.06E-01	3.71E-04	2.07E-06	0.00E+00	6.79E-02	4.45E-05					
Kansas	Norton County	20137	R	3.01E-04	1.07E-01	6.27E-04	5.81E-07	1.75E-10	6.76E-02	1.21E-05					
Kansas	Osage County	20139	R	3.00E-04	1.13E-01	4.70E-03	1.45E-06	3.91E-10	7.01E-02	2.74E-05					
Kansas	Osborne County	20141	R	2.99E-04	1.06E-01	4.42E-04	2.59E-07	0.00E+00	6.72E-02	5.27E-06					
Kansas	Ottawa County	20143	R	3.00E-04	1.08E-01	1.71E-03	2.71E-07	7.60E-10	6.83E-02	3.87E-06					
Kansas	Pawnee County	20145	U	3.00E-04	1.07E-01	2.87E-03	3.20E-07	0.00E+00	6.80E-02	6.00E-06					
Kansas	Phillips County	20147	R	3.00E-04	1.06E-01	3.21E-04	7.30E-08	9.68E-10	6.76E-02	1.14E-06					
Kansas	Pottawatomie County	20149	R	3.00E-04	1.11E-01	4.60E-03	2.62E-06	2.04E-09	6.91E-02	5.95E-05					
Kansas	Pratt County	20151	U	3.00E-04	1.15E-01	7.84E-03	7.15E-07	7.34E-10	6.95E-02	1.43E-05					
Kansas	Rawlins County	20153	R	3.01E-04	1.05E-01	8.63E-04	1.48E-07	0.00E+00	6.80E-02	2.96E-06					
Kansas	Reno County	20155	U	3.00E-04	1.26E-01	1.47E-02	8.78E-06	3.23E-07	7.25E-02	1.32E-04					
Kansas	Republic County	20157	R	3.00E-04	1.06E-01	7.20E-04	2.41E-07	0.00E+00	6.80E-02	4.56E-06					

				Estimated Annual Median Exposure Concentrations (ug/m3) for Kansas												
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
Kansas	Rice County	20159	R	8.08E-06	1.79E-03	1.51E-03	9.03E-02	3.63E-03	2.29E-05	1.83E-06	4.51E-01	2.33E-07	2.99E-06	6.49E-01	6.77E-02	3.08E-05
Kansas	Riley County	20161	U	7.71E-05	4.37E-02	4.93E-02	3.57E-01	4.18E-02	1.62E-04	2.15E-05	8.45E-01	5.28E-06	1.12E-05	6.41E-01	6.84E-02	8.89E-05
Kansas	Rooks County	20163	R	2.02E-06	8.65E-04	4.44E-04	3.38E-02	1.18E-03	4.12E-06	1.61E-07	4.26E-01	4.56E-08	1.21E-07	6.35E-01	6.79E-02	8.65E-07
Kansas	Rush County	20165	R	3.81E-06	1.10E-03	6.03E-04	4.56E-02	1.44E-03	7.49E-06	2.35E-07	4.32E-01	6.61E-08	3.01E-07	6.39E-01	6.78E-02	4.77E-06
Kansas	Russell County	20167	U	7.29E-07	1.05E-03	9.10E-04	3.06E-02	1.32E-03	1.98E-06	2.60E-07	4.28E-01	7.48E-08	2.54E-07	6.42E-01	6.77E-02	5.74E-06
Kansas	Saline County	20169	U	4.98E-06	1.92E-02	2.82E-02	1.83E-01	1.46E-02	2.08E-05	2.45E-05	6.06E-01	4.15E-06	1.10E-05	6.39E-01	6.80E-02	6.06E-05
Kansas	Scott County	20171	U	1.31E-06	3.38E-04	2.66E-04	2.22E-02	4.32E-04	2.62E-06	9.18E-08	4.11E-01	2.87E-08	1.44E-07	6.44E-01	6.76E-02	6.25E-07
Kansas	Sedgwick County	20173	U	8.91E-05	4.89E-02	4.02E-02	2.88E-01	3.36E-02	1.76E-04	3.16E-05	1.09E+00	5.77E-06	6.27E-05	6.45E-01	9.28E-02	7.58E-04
Kansas	Seward County	20175	U	2.09E-05	7.17E-03	1.77E-02	6.24E-02	4.89E-03	3.79E-05	7.98E-06	5.57E-01	2.37E-06	3.57E-06	6.43E-01	6.79E-02	1.53E-05
Kansas	Shawnee County	20177	U	1.28E-04	5.65E-02	4.31E-02	4.59E-01	4.98E-02	2.37E-04	3.09E-05	1.25E+00	7.56E-06	2.25E-05	6.39E-01	6.84E-02	5.91E-05
Kansas	Sheridan County	20179	R	6.35E-06	9.95E-04	7.28E-04	4.20E-02	1.04E-03	1.13E-05	2.76E-07	4.23E-01	8.27E-08	1.47E-07	6.40E-01	6.77E-02	1.21E-06
Kansas	Sherman County	20181	U	5.11E-06	1.63E-03	1.72E-03	2.46E-02	1.68E-03	9.22E-06	5.42E-07	4.24E-01	1.71E-07	3.19E-07	6.37E-01	6.79E-02	1.53E-06
Kansas	Smith County	20183	R	1.78E-06	8.97E-04	2.82E-04	3.83E-02	1.50E-03	3.62E-06	1.09E-07	4.24E-01	2.89E-08	2.59E-07	6.32E-01	6.80E-02	6.63E-07
Kansas	Stafford County	20185	R	6.43E-06	1.38E-03	6.68E-04	5.42E-02	2.01E-03	1.24E-05	2.42E-07	4.39E-01	6.98E-08	2.92E-07	6.38E-01	6.77E-02	6.92E-06
Kansas	Stanton County	20187	R	5.20E-06	4.58E-04	1.64E-04	2.84E-02	7.30E-04	9.15E-06	5.11E-08	4.15E-01	1.58E-08	2.27E-08	6.43E-01	6.78E-02	3.58E-07
Kansas	Stevens County	20189	U	1.40E-06	1.55E-03	1.31E-03	7.30E-02	1.97E-03	3.11E-06	4.11E-07	4.63E-01	1.24E-07	1.85E-07	6.40E-01	6.78E-02	1.45E-06
Kansas	Sumner County	20191	R	1.07E-05	4.54E-03	5.12E-03	8.02E-02	6.82E-03	2.26E-05	3.53E-06	5.07E-01	5.92E-07	6.83E-06	6.45E-01	7.73E-02	7.49E-05
Kansas	Thomas County	20193	U	3.83E-06	4.69E-04	3.71E-04	3.18E-02	9.18E-04	7.27E-06	1.39E-07	4.16E-01	4.10E-08	1.48E-07	6.39E-01	6.76E-02	8.19E-07
Kansas	Trego County	20195	R	3.32E-06	1.21E-03	1.03E-03	3.78E-02	1.24E-03	6.20E-06	3.46E-07	4.27E-01	1.05E-07	2.81E-07	6.42E-01	6.75E-02	3.03E-05
Kansas	Wabaunsee County	20197	R	2.64E-05	3.43E-03	2.76E-03	1.52E-01	1.18E-02	5.16E-05	6.34E-06	5.23E-01	6.57E-07	3.88E-06	6.35E-01	6.82E-02	1.85E-05
Kansas	Wallace County	20199	R	3.62E-06	3.40E-04	1.16E-04	2.61E-02	5.15E-04	6.36E-06	3.59E-08	4.15E-01	1.10E-08	2.42E-08	6.34E-01	6.79E-02	2.34E-07
Kansas	Washington County	20201	R	2.31E-06	1.34E-03	6.44E-04	4.64E-02	2.68E-03	4.94E-06	2.26E-07	4.35E-01	6.62E-08	2.47E-07	6.45E-01	6.77E-02	7.56E-06
Kansas	Wichita County	20203	R	2.78E-07	4.14E-04	1.63E-04	2.88E-02	4.28E-04	7.67E-07	5.36E-08	4.13E-01	3.34E-08	5.60E-08	6.36E-01	6.78E-02	7.60E-07
Kansas	Wilson County	20205	U	1.33E-05	9.28E-03	5.19E-03	1.20E-01	1.19E-02	2.89E-05	4.77E-06	5.04E-01	7.16E-07	9.15E-06	6.49E-01	6.77E-02	1.08E-05
Kansas	Woodson County	20207	R	1.15E-05	8.76E-03	2.55E-03	1.50E-01	1.15E-02	2.23E-05	1.06E-06	4.90E-01	2.68E-07	1.10E-06	6.39E-01	6.78E-02	5.27E-06
Kansas	Wyandotte County	20209	U	6.45E-04	6.49E-02	4.47E-02	6.41E-01	7.88E-02	2.41E-03	1.29E-04	1.52E+00	1.02E-05	2.85E-04	6.39E-01	6.99E-02	1.15E-03

				Estimated Annual Median Exposure Concentrations (ug/m3) for Kansas												
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
Kansas	Rice County	20159	R	0.00E+00	2.49E-01	6.07E-03	5.22E-02	2.04E-05	2.45E-01	7.50E-05	9.66E-09	4.59E-05	3.72E-04	1.19E-03	1.24E-01	4.34E-05
Kansas	Riley County	20161	U	0.00E+00	7.04E-01	6.07E-03	5.23E-02	4.42E-04	5.46E-01	7.52E-05	4.89E-09	3.69E-04	7.42E-04	1.23E-03	2.05E-01	1.69E-04
Kansas	Rooks County	20163	R	0.00E+00	1.49E-01	6.08E-03	5.27E-02	8.08E-06	2.00E-01	7.52E-05	9.38E-12	2.58E-05	6.33E-06	1.19E-03	1.21E-01	2.82E-06
Kansas	Rush County	20165	R	0.00E+00	1.70E-01	6.08E-03	5.25E-02	2.73E-05	2.10E-01	7.52E-05	0.00E+00	5.61E-05	9.43E-06	1.19E-03	1.22E-01	3.85E-06
Kansas	Russell County	20167	U	0.00E+00	1.77E-01	6.08E-03	5.25E-02	3.05E-06	1.99E-01	7.49E-05	0.00E+00	1.54E-05	9.27E-06	1.19E-03	1.21E-01	3.04E-06
Kansas	Saline County	20169	U	0.00E+00	6.39E-01	6.07E-03	5.25E-02	3.40E-04	3.35E-01	7.54E-05	4.60E-09	1.15E-02	4.86E-04	1.23E-03	1.81E-01	3.21E-04
Kansas	Scott County	20171	U	0.00E+00	1.13E-01	6.07E-03	5.22E-02	3.53E-06	2.02E-01	7.50E-05	1.35E-11	3.39E-06	4.12E-06	1.18E-03	1.21E-01	1.12E-06
Kansas	Sedgwick County	20173	U	0.00E+00	7.19E-01	6.08E-03	5.25E-02	1.24E-03	4.86E-01	7.51E-05	2.41E-08	8.42E-04	7.67E-04	1.26E-03	2.46E-01	4.04E-04
Kansas	Seward County	20175	U	0.00E+00	2.33E-01	6.09E-03	5.25E-02	3.26E-04	3.64E-01	7.54E-05	3.86E-13	2.39E-04	2.62E-04	1.19E-03	1.50E-01	7.40E-05
Kansas	Shawnee County	20177	U	0.00E+00	9.12E-01	6.08E-03	5.25E-02	2.78E-03	6.05E-01	7.50E-05	1.94E-10	4.30E-04	7.84E-04	1.33E-03	2.32E-01	3.99E-04
Kansas	Sheridan County	20179	R	0.00E+00	1.69E-01	6.07E-03	5.24E-02	6.09E-05	2.05E-01	7.53E-05	1.53E-11	2.17E-06	1.19E-05	1.18E-03	1.22E-01	3.83E-06
Kansas	Sherman County	20181	U	0.00E+00	1.47E-01	6.08E-03	5.27E-02	3.88E-05	1.96E-01	7.53E-05	0.00E+00	1.60E-04	1.74E-05	1.19E-03	1.23E-01	5.04E-06
Kansas	Smith County	20183	R	0.00E+00	1.80E-01	6.09E-03	5.28E-02	8.37E-06	2.02E-01	7.54E-05	2.45E-12	4.64E-06	4.75E-06	1.19E-03	1.20E-01	1.95E-06
Kansas	Stafford County	20185	R	0.00E+00	2.05E-01	6.08E-03	5.25E-02	2.20E-05	2.18E-01	7.51E-05	7.79E-11	1.28E-05	1.86E-05	1.19E-03	1.22E-01	3.40E-06
Kansas	Stanton County	20187	R	0.00E+00	9.87E-02	6.08E-03	5.24E-02	5.46E-06	1.95E-01	7.52E-05	2.59E-11	1.80E-06	2.63E-06	1.18E-03	1.20E-01	5.83E-07
Kansas	Stevens County	20189	U	0.00E+00	1.41E-01	6.08E-03	5.26E-02	1.88E-05	2.67E-01	7.52E-05	9.17E-11	1.05E-05	1.74E-05	1.18E-03	1.22E-01	4.41E-06
Kansas	Sumner County	20191	R	0.00E+00	3.26E-01	6.08E-03	5.23E-02	9.08E-05	2.53E-01	7.51E-05	3.26E-10	1.29E-04	7.99E-05	1.20E-03	1.40E-01	7.18E-05
Kansas	Thomas County	20193	U	0.00E+00	1.14E-01	6.09E-03	5.24E-02	1.01E-05	2.00E-01	7.49E-05	0.00E+00	1.44E-05	4.51E-06	1.19E-03	1.21E-01	1.67E-06
Kansas	Trego County	20195	R	0.00E+00	1.59E-01	6.08E-03	5.20E-02	5.69E-05	2.09E-01	7.50E-05	1.40E-11	2.91E-05	1.63E-05	1.19E-03	1.22E-01	3.85E-06
Kansas	Wabaunsee County	20197	R	0.00E+00	3.59E-01	6.08E-03	5.31E-02	1.19E-04	3.13E-01	7.52E-05	1.27E-11	5.77E-05	6.03E-05	1.22E-03	1.29E-01	2.33E-05
Kansas	Wallace County	20199	R	0.00E+00	1.14E-01	6.09E-03	5.32E-02	1.17E-06	1.91E-01	7.52E-05	0.00E+00	4.19E-07	1.95E-06	1.19E-03	1.20E-01	3.65E-07
Kansas	Washington County	20201	R	0.00E+00	2.80E-01	6.08E-03	5.22E-02	1.65E-05	2.20E-01	7.51E-05	1.10E-11	7.66E-05	2.45E-04	1.19E-03	1.22E-01	2.79E-06
Kansas	Wichita County	20203	R	0.00E+00	1.10E-01	6.08E-03	5.28E-02	4.14E-06	1.92E-01	7.51E-05	3.58E-10	1.80E-06	3.25E-06	1.19E-03	1.20E-01	9.56E-07
Kansas	Wilson County	20205	U	0.00E+00	3.41E-01	6.08E-03	5.22E-02	7.83E-05	2.89E-01	7.51E-05	2.02E-08	1.13E-04	1.03E-04	1.19E-03	1.28E-01	4.28E-05
Kansas	Woodson County	20207	R	0.00E+00	3.36E-01	6.08E-03	5.26E-02	1.17E-05	2.97E-01	7.53E-05	7.99E-11	1.44E-04	4.08E-05	1.19E-03	1.25E-01	1.46E-05
Kansas	Wyandotte County	20209	U	0.00E+00	1.04E+00	6.08E-03	5.26E-02	5.90E-03	8.27E-01	7.50E-05	5.72E-07	5.72E-03	1.84E-03	1.66E-03	3.33E-01	5.23E-04

				Estimated Annual Median Exposure Concentrations (ug/m3) for Kansas											
State	County	FIPS	Urban or Rural	PCBS	Perchloroethylene	POM (total)	Propylene Dichloride	Quinoline	Trichloroethylene	Vinyl Chloride					
Kansas	Rice County	20159	R	3.00E-04	1.07E-01	1.59E-03	2.10E-06	5.12E-08	6.76E-02	2.33E-05					
Kansas	Riley County	20161	U	3.00E-04	1.59E-01	4.13E-02	9.36E-06	1.40E-08	7.97E-02	2.06E-04					
Kansas	Rooks County	20163	R	3.00E-04	1.06E-01	4.32E-04	2.41E-07	1.40E-10	6.78E-02	4.74E-06					
Kansas	Rush County	20165	R	3.00E-04	1.06E-01	5.89E-04	4.44E-07	0.00E+00	6.78E-02	8.92E-06					
Kansas	Russell County	20167	U	3.00E-04	1.06E-01	7.77E-04	1.02E-07	0.00E+00	6.76E-02	1.71E-06					
Kansas	Saline County	20169	U	3.00E-04	1.36E-01	2.49E-02	1.01E-06	1.42E-08	7.78E-02	1.20E-05					
Kansas	Scott County	20171	U	3.00E-04	1.06E-01	2.40E-04	1.55E-07	1.81E-10	6.73E-02	3.07E-06					
Kansas	Sedgwick County	20173	U	3.00E-04	2.55E-01	3.52E-02	1.18E-05	9.47E-08	1.85E-01	2.36E-04					
Kansas	Seward County	20175	U	3.00E-04	1.31E-01	1.78E-02	2.34E-06	3.28E-12	7.08E-02	4.90E-05					
Kansas	Shawnee County	20177	U	3.00E-04	1.78E-01	3.95E-02	1.49E-05	6.28E-09	9.39E-02	3.00E-04					
Kansas	Sheridan County	20179	R	3.00E-04	1.06E-01	7.20E-04	7.07E-07	2.65E-10	6.75E-02	1.49E-05					
Kansas	Sherman County	20181	U	3.00E-04	1.09E-01	1.45E-03	5.69E-07	0.00E+00	6.79E-02	1.19E-05					
Kansas	Smith County	20183	R	3.00E-04	1.05E-01	3.40E-04	2.11E-07	3.67E-11	6.80E-02	4.19E-06					
Kansas	Stafford County	20185	R	3.00E-04	1.06E-01	6.87E-04	7.56E-07	1.75E-09	6.76E-02	1.51E-05					
Kansas	Stanton County	20187	R	3.00E-04	1.06E-01	1.79E-04	5.76E-07	3.30E-10	6.73E-02	1.22E-05					
Kansas	Stevens County	20189	U	3.00E-04	1.06E-01	1.36E-03	1.86E-07	1.28E-09	6.77E-02	3.34E-06					
Kansas	Sumner County	20191	R	3.00E-04	1.24E-01	4.44E-03	1.34E-06	4.48E-09	7.96E-02	2.65E-05					
Kansas	Thomas County	20193	U	3.00E-04	1.06E-01	3.86E-04	4.38E-07	0.00E+00	6.73E-02	9.04E-06					
Kansas	Trego County	20195	R	3.00E-04	1.06E-01	8.55E-04	3.79E-07	2.03E-10	6.74E-02	7.80E-06					
Kansas	Wabaunsee County	20197	R	3.00E-04	1.11E-01	3.40E-03	3.08E-06	1.81E-10	7.01E-02	6.42E-05					
Kansas	Wallace County	20199	R	3.00E-04	1.05E-01	1.38E-04	3.99E-07	0.00E+00	6.78E-02	8.47E-06					
Kansas	Washington County	20201	R	3.00E-04	1.06E-01	7.57E-04	2.84E-07	2.92E-10	6.75E-02	5.43E-06					
Kansas	Wichita County	20203	R	3.00E-04	1.06E-01	1.52E-04	4.88E-08	1.20E-09	6.75E-02	6.88E-07					
Kansas	Wilson County	20205	U	3.00E-04	1.13E-01	5.74E-03	2.16E-06	5.63E-08	6.79E-02	3.40E-05					
Kansas	Woodson County	20207	R	3.00E-04	1.07E-01	3.65E-03	1.31E-06	1.47E-09	6.79E-02	2.73E-05					
Kansas	Wyandotte County	20209	U	3.00E-04	2.20E-01	4.20E-02	7.71E-05	8.30E-07	1.14E-01	1.63E-03					