

US EPA ARCHIVE DOCUMENT

1996 Modeled Exposure Concentrations for Kentucky

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 Kentucky												
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
Kentucky	State Total	21000	-	1.10E-04	1.96E-02	1.44E-02	2.06E-01	4.11E-02	2.67E-04	4.42E-05	7.29E-01	3.18E-06	1.94E-05	6.41E-01	6.83E-02	2.18E-04
Kentucky	State Urban Counties	21000	U	6.00E-04	7.71E-02	5.42E-02	7.46E-01	1.03E-01	9.17E-03	1.19E-04	1.56E+00	1.20E-05	1.11E-04	6.41E-01	7.02E-02	9.35E-04
Kentucky	State Rural Counties	21000	R	3.36E-05	1.05E-02	6.66E-03	1.19E-01	3.01E-02	7.18E-05	9.35E-06	5.87E-01	9.62E-07	3.45E-06	6.41E-01	6.80E-02	5.05E-05
Kentucky	Adair County	21001	R	2.60E-06	7.12E-03	3.84E-03	7.24E-02	1.98E-02	1.02E-05	3.88E-06	5.23E-01	5.78E-07	1.37E-06	6.40E-01	6.79E-02	5.73E-05
Kentucky	Allen County	21003	R	8.65E-06	8.41E-03	7.00E-03	1.39E-01	2.44E-02	2.83E-05	4.97E-06	5.76E-01	9.27E-07	4.41E-06	6.37E-01	6.80E-02	5.87E-05
Kentucky	Anderson County	21005	R	8.99E-05	1.34E-02	1.34E-02	1.80E-01	2.73E-02	1.69E-04	1.65E-04	6.47E-01	4.98E-06	1.41E-05	6.42E-01	6.82E-02	9.14E-05
Kentucky	Ballard County	21007	R	1.03E-05	6.84E-03	4.02E-03	9.48E-02	1.85E-02	2.79E-05	1.48E-05	5.24E-01	9.49E-07	5.58E-06	6.44E-01	6.77E-02	5.50E-05
Kentucky	Barren County	21009	R	3.80E-05	8.35E-03	7.32E-03	1.13E-01	2.14E-02	7.71E-05	2.98E-06	5.66E-01	8.31E-07	2.81E-06	6.44E-01	6.78E-02	1.06E-04
Kentucky	Bath County	21011	R	5.62E-05	1.11E-02	4.35E-03	8.05E-02	6.20E-02	1.03E-04	1.69E-06	5.34E-01	3.94E-07	1.08E-06	6.42E-01	6.80E-02	1.18E-05
Kentucky	Bell County	21013	R	1.30E-05	1.12E-02	7.59E-03	1.27E-01	3.52E-02	3.45E-05	2.54E-06	6.01E-01	7.56E-07	2.50E-06	6.43E-01	6.79E-02	1.41E-05
Kentucky	Boone County	21015	U	1.31E-03	4.66E-02	4.42E-02	8.01E-01	1.08E-01	1.78E-02	7.37E-05	1.24E+00	7.25E-06	8.54E-05	6.40E-01	6.99E-02	5.22E-04
Kentucky	Bourbon County	21017	U	9.99E-05	1.26E-02	1.16E-02	2.40E-01	6.05E-02	2.11E-04	2.03E-05	7.36E-01	1.86E-06	7.66E-06	6.43E-01	6.97E-02	1.36E-04
Kentucky	Boyd County	21019	U	4.34E-04	6.14E-02	4.13E-02	5.45E-01	7.61E-02	8.68E-03	4.68E-05	1.59E+00	7.60E-06	2.30E-05	6.39E-01	6.85E-02	1.04E-03
Kentucky	Boyle County	21021	U	1.44E-05	2.30E-02	2.57E-02	1.86E-01	2.88E-02	5.42E-05	4.03E-04	7.54E-01	3.10E-06	9.38E-06	6.42E-01	6.82E-02	7.93E-05
Kentucky	Bracken County	21023	R	8.62E-05	9.05E-03	6.74E-03	1.29E-01	2.50E-02	1.57E-04	1.10E-05	5.97E-01	9.94E-07	2.85E-06	6.41E-01	6.80E-02	2.41E-05
Kentucky	Breathitt County	21025	R	3.05E-06	8.23E-03	3.44E-03	8.36E-02	3.20E-02	1.09E-05	8.84E-07	5.47E-01	3.13E-07	9.00E-07	6.43E-01	6.79E-02	7.07E-06
Kentucky	Breckinridge County	21027	R	1.68E-05	5.97E-03	3.72E-03	8.54E-02	2.09E-02	1.63E-04	2.18E-05	5.31E-01	1.28E-06	4.86E-06	6.43E-01	6.79E-02	3.81E-04
Kentucky	Bullitt County	21029	U	3.27E-04	2.66E-02	3.00E-02	5.20E-01	7.34E-02	4.63E-03	5.95E-05	9.06E-01	8.77E-06	9.63E-05	6.40E-01	6.98E-02	4.24E-04
Kentucky	Butler County	21031	R	1.96E-04	7.02E-03	4.23E-03	7.56E-02	2.08E-02	3.43E-04	2.00E-05	5.22E-01	5.61E-07	3.45E-06	6.42E-01	6.79E-02	1.86E-04
Kentucky	Caldwell County	21033	U	4.53E-05	9.02E-03	5.92E-03	8.70E-02	2.30E-02	7.52E-05	2.39E-05	5.31E-01	1.25E-06	1.31E-04	6.35E-01	6.79E-02	1.35E-04
Kentucky	Calloway County	21035	R	3.47E-05	1.58E-02	2.17E-02	1.62E-01	2.85E-02	8.29E-05	4.75E-05	6.61E-01	4.07E-06	1.12E-04	6.40E-01	6.82E-02	7.37E-05
Kentucky	Campbell County	21037	U	1.70E-03	8.75E-02	9.98E-02	1.18E+00	1.53E-01	2.68E-02	1.14E-04	1.95E+00	1.49E-05	3.28E-04	6.40E-01	7.13E-02	1.35E-03
Kentucky	Carlisle County	21039	R	2.04E-05	5.58E-03	3.96E-03	7.56E-02	1.50E-02	4.15E-05	1.16E-05	5.13E-01	8.90E-07	1.08E-05	6.46E-01	6.78E-02	3.77E-05
Kentucky	Carroll County	21041	R	8.62E-05	7.68E-03	4.30E-03	9.15E-02	1.96E-02	1.79E-04	2.85E-04	5.50E-01	8.48E-06	6.30E-04	6.39E-01	6.81E-02	1.91E-03
Kentucky	Carter County	21043	U	4.33E-05	1.24E-02	7.57E-03	1.38E-01	3.44E-02	9.04E-04	1.14E-05	6.24E-01	1.05E-06	5.16E-06	6.42E-01	6.79E-02	4.99E-05
Kentucky	Casey County	21045	R	9.01E-06	7.21E-03	4.71E-03	8.56E-02	2.23E-02	2.24E-05	1.16E-05	5.43E-01	6.37E-07	3.17E-06	6.42E-01	6.78E-02	2.22E-05
Kentucky	Christian County	21047	U	1.01E-04	2.46E-02	3.63E-02	2.36E-01	2.86E-02	1.92E-04	1.41E-05	7.67E-01	3.58E-06	7.84E-06	6.40E-01	6.81E-02	4.76E-04
Kentucky	Clark County	21049	U	1.10E-04	1.80E-02	1.87E-02	2.51E-01	6.40E-02	2.13E-04	7.25E-05	7.93E-01	2.77E-06	1.05E-05	6.41E-01	6.82E-02	2.13E-04
Kentucky	Clay County	21051	R	2.96E-05	9.74E-03	5.35E-03	1.07E-01	3.36E-02	6.16E-05	1.65E-06	5.75E-01	4.72E-07	1.45E-06	6.38E-01	6.79E-02	9.19E-06
Kentucky	Clinton County	21053	R	1.33E-05	9.25E-03	4.46E-03	8.57E-02	2.54E-02	2.96E-05	2.16E-06	5.56E-01	4.61E-07	1.21E-06	6.47E-01	6.77E-02	1.77E-05
Kentucky	Crittenden County	21055	R	2.48E-05	5.96E-03	3.52E-03	7.51E-02	1.99E-02	2.96E-05	1.07E-05	5.11E-01	9.04E-07	1.42E-04	6.41E-01	6.80E-02	2.97E-05

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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
Kentucky	State Total	21000	-	0.00E+00	7.33E-01	6.08E-03	5.26E-02	4.55E-04	4.06E-01	7.51E-05	7.22E-09	6.15E-04	6.28E-04	1.26E-03	1.85E-01	3.05E-04
Kentucky	State Urban Counties	21000	U	0.00E+00	1.47E+00	6.08E-03	5.28E-02	2.64E-03	9.34E-01	7.51E-05	9.11E-08	3.90E-03	1.82E-03	1.44E-03	3.18E-01	1.73E-03
Kentucky	State Rural Counties	21000	R	0.00E+00	5.38E-01	6.08E-03	5.26E-02	1.09E-04	3.34E-01	7.51E-05	5.27E-10	7.83E-05	1.41E-04	1.21E-03	1.38E-01	7.10E-05
Kentucky	Adair County	21001	R	0.00E+00	4.29E-01	6.08E-03	5.27E-02	5.82E-05	2.76E-01	7.52E-05	6.42E-11	3.37E-05	9.22E-05	1.19E-03	1.35E-01	3.34E-05
Kentucky	Allen County	21003	R	0.00E+00	5.43E-01	6.09E-03	5.27E-02	9.23E-05	3.41E-01	7.51E-05	2.02E-09	8.93E-05	1.12E-04	1.21E-03	1.36E-01	1.95E-04
Kentucky	Anderson County	21005	R	0.00E+00	6.69E-01	6.09E-03	5.27E-02	1.24E-04	3.64E-01	7.52E-05	7.50E-11	2.56E-03	5.55E-04	1.24E-03	1.57E-01	2.15E-04
Kentucky	Ballard County	21007	R	0.00E+00	5.60E-01	6.09E-03	5.23E-02	3.36E-05	2.81E-01	7.50E-05	7.32E-09	3.30E-04	5.66E-04	1.21E-03	2.72E-01	4.06E-05
Kentucky	Barren County	21009	R	0.00E+00	4.98E-01	6.07E-03	5.24E-02	1.28E-04	3.12E-01	7.50E-05	6.69E-09	5.67E-05	8.21E-05	1.21E-03	1.48E-01	6.04E-05
Kentucky	Bath County	21011	R	0.00E+00	5.15E-01	6.08E-03	5.26E-02	5.29E-05	2.96E-01	7.50E-05	2.41E-10	2.04E-05	4.57E-05	1.20E-03	1.30E-01	2.98E-05
Kentucky	Bell County	21013	R	0.00E+00	4.57E-01	6.08E-03	5.24E-02	1.85E-03	3.44E-01	7.50E-05	4.70E-11	4.21E-05	7.86E-05	1.21E-03	1.33E-01	4.99E-05
Kentucky	Boone County	21015	U	0.00E+00	1.32E+00	6.08E-03	5.31E-02	8.08E-04	9.87E-01	7.50E-05	6.92E-08	6.05E-03	9.68E-04	1.57E-03	2.50E-01	8.41E-04
Kentucky	Bourbon County	21017	U	0.00E+00	6.93E-01	6.08E-03	5.25E-02	3.01E-04	4.08E-01	7.52E-05	1.02E-08	1.08E-03	4.34E-04	1.24E-03	1.59E-01	1.75E-04
Kentucky	Boyd County	21019	U	4.21E-02	1.28E+00	6.08E-03	5.27E-02	1.40E-03	6.76E-01	7.49E-05	3.07E-08	5.04E-04	5.28E-03	1.31E-03	3.05E-01	5.35E-03
Kentucky	Boyle County	21021	U	0.00E+00	6.97E-01	6.08E-03	5.23E-02	4.09E-04	3.86E-01	7.51E-05	3.34E-09	2.33E-03	1.54E-03	1.23E-03	1.66E-01	1.89E-04
Kentucky	Bracken County	21023	R	0.00E+00	8.25E-01	6.08E-03	5.26E-02	4.29E-05	3.37E-01	7.51E-05	3.66E-10	7.29E-05	1.18E-04	1.20E-03	1.38E-01	4.61E-05
Kentucky	Breathitt County	21025	R	0.00E+00	4.16E-01	6.09E-03	5.26E-02	5.81E-05	3.15E-01	7.50E-05	1.28E-11	1.76E-05	2.58E-05	1.19E-03	1.27E-01	1.05E-05
Kentucky	Breckinridge County	21027	R	0.00E+00	5.57E-01	6.08E-03	5.28E-02	1.54E-04	2.90E-01	7.51E-05	6.41E-10	1.49E-04	4.62E-03	1.20E-03	1.29E-01	2.55E-04
Kentucky	Bullitt County	21029	U	0.00E+00	9.55E-01	6.07E-03	5.25E-02	1.90E-03	6.81E-01	7.51E-05	2.41E-08	1.92E-03	1.29E-03	1.32E-03	1.98E-01	1.03E-03
Kentucky	Butler County	21031	R	0.00E+00	4.70E-01	6.08E-03	5.25E-02	2.65E-05	2.85E-01	7.51E-05	7.40E-10	4.31E-05	1.69E-03	1.20E-03	2.22E-01	1.47E-04
Kentucky	Caldwell County	21033	U	0.00E+00	6.55E-01	6.06E-03	5.45E-02	1.19E-04	2.94E-01	7.48E-05	1.49E-09	4.98E-04	7.99E-05	1.35E-03	1.37E-01	5.52E-04
Kentucky	Calloway County	21035	R	0.00E+00	7.78E-01	6.09E-03	5.27E-02	6.69E-04	3.66E-01	7.53E-05	9.65E-08	9.46E-04	2.76E-04	1.47E-03	1.65E-01	1.84E-04
Kentucky	Campbell County	21037	U	1.27E-03	1.86E+00	6.08E-03	5.32E-02	2.18E-03	1.35E+00	7.50E-05	1.21E-07	5.15E-03	4.23E-03	1.77E-03	4.07E-01	2.16E-03
Kentucky	Carlisle County	21039	R	0.00E+00	5.10E-01	6.07E-03	5.23E-02	4.11E-05	2.74E-01	7.52E-05	1.47E-09	2.50E-04	2.84E-04	1.25E-03	1.77E-01	3.98E-05
Kentucky	Carroll County	21041	R	0.00E+00	7.61E-01	6.07E-03	5.28E-02	6.68E-05	2.92E-01	7.53E-05	2.08E-07	4.18E-03	2.55E-04	1.73E-03	1.29E-01	1.57E-03
Kentucky	Carter County	21043	U	2.61E-03	6.00E-01	6.07E-03	5.22E-02	6.94E-05	3.58E-01	7.50E-05	3.56E-10	4.95E-05	2.38E-04	1.21E-03	1.54E-01	1.08E-04
Kentucky	Casey County	21045	R	0.00E+00	4.73E-01	6.08E-03	5.23E-02	5.12E-05	2.94E-01	7.50E-05	1.64E-10	8.87E-05	1.26E-03	1.19E-03	1.30E-01	3.60E-05
Kentucky	Christian County	21047	U	0.00E+00	6.81E-01	6.07E-03	5.26E-02	4.87E-04	4.03E-01	7.51E-05	2.01E-08	2.90E-04	4.19E-04	1.23E-03	2.56E-01	2.65E-04
Kentucky	Clark County	21049	U	0.00E+00	7.21E-01	6.07E-03	5.23E-02	3.79E-04	4.28E-01	7.50E-05	5.39E-09	1.39E-03	3.13E-04	1.26E-03	1.77E-01	1.75E-04
Kentucky	Clay County	21051	R	0.00E+00	4.21E-01	6.08E-03	5.26E-02	6.47E-05	3.31E-01	7.50E-05	2.18E-10	2.61E-05	4.25E-05	1.20E-03	1.29E-01	5.00E-05
Kentucky	Clinton County	21053	R	0.00E+00	4.46E-01	6.10E-03	5.23E-02	3.50E-05	3.04E-01	7.50E-05	1.88E-09	2.57E-05	4.32E-05	1.20E-03	1.29E-01	3.07E-05
Kentucky	Crittenden County	21055	R	0.00E+00	6.88E-01	6.10E-03	5.57E-02	9.50E-05	3.33E-01	7.52E-05	3.94E-09	2.38E-04	7.21E-05	1.33E-03	1.27E-01	8.33E-05

1996 Modeled Exposure Concentrations for Kentucky

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 Kentucky											
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					
Kentucky	State Total	21000	-	3.00E-04	1.31E-01	1.48E-02	1.39E-05	6.65E-08	8.40E-02	5.10E-04					
Kentucky	State Urban Counties	21000	U	3.00E-04	2.34E-01	4.48E-02	7.47E-05	6.01E-07	1.45E-01	3.57E-03					
Kentucky	State Rural Counties	21000	R	3.00E-04	1.12E-01	7.09E-03	4.18E-06	1.06E-08	7.00E-02	9.11E-05					
Kentucky	Adair County	21001	R	3.00E-04	1.08E-01	4.14E-03	4.87E-07	1.17E-09	6.84E-02	6.16E-06					
Kentucky	Allen County	21003	R	3.00E-04	1.14E-01	5.60E-03	1.56E-06	2.25E-08	7.12E-02	2.10E-05					
Kentucky	Anderson County	21005	R	3.01E-04	1.40E-01	9.49E-03	1.03E-05	2.03E-09	1.27E-01	5.29E-04					
Kentucky	Ballard County	21007	R	3.00E-04	1.09E-01	1.35E-02	1.92E-06	4.42E-08	6.83E-02	2.67E-05					
Kentucky	Barren County	21009	R	3.00E-04	1.14E-01	6.29E-03	5.01E-06	3.92E-08	7.01E-02	9.09E-05					
Kentucky	Bath County	21011	R	3.00E-04	1.10E-01	4.28E-03	6.35E-06	5.78E-09	6.85E-02	1.32E-04					
Kentucky	Bell County	21013	R	3.00E-04	1.10E-01	7.39E-03	1.85E-06	2.83E-09	6.86E-02	3.06E-05					
Kentucky	Boone County	21015	U	3.00E-04	1.80E-01	3.57E-02	1.50E-04	5.23E-07	1.17E-01	3.62E-03					
Kentucky	Bourbon County	21017	U	3.00E-04	1.45E-01	8.76E-03	1.53E-05	6.28E-08	7.77E-02	2.09E-03					
Kentucky	Boyd County	21019	U	3.00E-04	1.96E-01	7.18E-02	4.94E-05	2.09E-03	8.62E-02	1.54E-03					
Kentucky	Boyle County	21021	U	3.00E-04	1.54E-01	1.62E-02	2.86E-06	1.51E-08	1.10E-01	3.63E-05					
Kentucky	Bracken County	21023	R	3.00E-04	1.10E-01	5.90E-03	9.71E-06	6.08E-09	7.09E-02	2.05E-04					
Kentucky	Breathitt County	21025	R	3.00E-04	1.08E-01	4.81E-03	4.92E-07	4.12E-10	6.82E-02	7.22E-06					
Kentucky	Breckinridge County	21027	R	3.00E-04	1.11E-01	5.37E-03	2.29E-06	1.58E-08	7.26E-02	1.14E-04					
Kentucky	Bullitt County	21029	U	3.00E-04	1.51E-01	2.19E-02	4.04E-05	2.10E-07	1.43E-01	2.78E-03					
Kentucky	Butler County	21031	R	3.00E-04	1.11E-01	4.26E-03	2.16E-05	1.42E-08	9.18E-02	4.59E-04					
Kentucky	Caldwell County	21033	U	2.99E-04	1.12E-01	6.47E-03	5.27E-06	6.16E-08	6.84E-02	1.21E-03					
Kentucky	Calloway County	21035	R	3.00E-04	1.39E-01	1.45E-02	7.38E-06	3.59E-07	7.47E-02	2.46E-04					
Kentucky	Campbell County	21037	U	3.00E-04	2.71E-01	7.11E-02	2.02E-04	9.34E-07	1.46E-01	4.65E-03					
Kentucky	Carlisle County	21039	R	3.00E-04	1.10E-01	6.38E-03	2.62E-06	1.54E-08	6.82E-02	4.96E-05					
Kentucky	Carroll County	21041	R	3.00E-04	1.12E-01	6.82E-03	1.64E-05	7.66E-07	7.29E-02	2.72E-03					
Kentucky	Carter County	21043	U	3.00E-04	1.12E-01	1.15E-02	5.11E-06	1.40E-04	6.90E-02	1.23E-04					
Kentucky	Casey County	21045	R	3.00E-04	1.10E-01	4.43E-03	1.22E-06	3.63E-09	6.90E-02	2.13E-05					
Kentucky	Christian County	21047	U	3.00E-04	1.37E-01	2.69E-02	1.19E-05	6.90E-08	7.36E-02	2.40E-04					
Kentucky	Clark County	21049	U	3.00E-04	1.45E-01	1.19E-02	1.35E-05	4.53E-08	1.10E-01	9.03E-04					
Kentucky	Clay County	21051	R	3.00E-04	1.10E-01	5.73E-03	3.61E-06	6.15E-09	6.84E-02	6.96E-05					
Kentucky	Clinton County	21053	R	3.01E-04	1.10E-01	4.45E-03	1.72E-06	7.72E-09	6.77E-02	3.15E-05					
Kentucky	Crittenden County	21055	R	3.01E-04	1.32E-01	7.94E-03	2.33E-06	6.87E-08	7.40E-02	2.03E-03					

				Estimated Annual Median Exposure Concentrations (ug/m3) for Kentucky													
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	
Kentucky	Cumberland County	21057	R	3.31E-06	7.38E-03	2.98E-03	6.55E-02	2.26E-02	1.01E-05	1.34E-06	5.10E-01	3.06E-07	9.89E-07	6.38E-01	6.79E-02	4.23E-05	
Kentucky	Daviess County	21059	U	1.71E-04	4.67E-02	3.93E-02	2.96E-01	4.55E-02	4.94E-03	1.37E-04	1.13E+00	1.11E-05	3.95E-05	6.41E-01	6.84E-02	6.25E-04	
Kentucky	Edmonson County	21061	R	1.98E-05	9.26E-03	5.05E-03	1.01E-01	2.61E-02	4.39E-05	2.44E-06	5.52E-01	4.98E-07	1.47E-06	6.44E-01	6.78E-02	1.17E-04	
Kentucky	Elliott County	21063	R	1.10E-05	8.88E-03	3.78E-03	9.62E-02	3.28E-02	3.62E-05	7.09E-06	5.59E-01	6.47E-07	1.62E-06	6.35E-01	6.81E-02	1.22E-05	
Kentucky	Estill County	21065	R	9.05E-05	1.61E-02	8.76E-03	1.20E-01	3.69E-02	1.65E-04	5.35E-06	6.65E-01	8.93E-07	2.10E-06	6.41E-01	6.80E-02	4.67E-05	
Kentucky	Fayette County	21067	U	3.17E-04	1.04E-01	5.99E-02	6.67E-01	8.91E-02	5.96E-04	1.77E-04	1.86E+00	9.43E-06	3.12E-05	6.41E-01	6.92E-02	4.11E-04	
Kentucky	Fleming County	21069	R	1.11E-04	1.49E-02	6.70E-03	9.85E-02	9.35E-02	2.00E-04	1.17E-05	5.57E-01	1.17E-06	2.71E-06	6.41E-01	6.80E-02	2.59E-05	
Kentucky	Floyd County	21071	R	8.53E-05	1.67E-02	1.02E-02	1.62E-01	4.25E-02	1.60E-04	2.57E-06	7.05E-01	8.93E-07	2.54E-06	6.47E-01	6.79E-02	1.78E-05	
Kentucky	Franklin County	21073	U	5.95E-04	3.11E-02	2.92E-02	2.35E-01	3.77E-02	1.04E-03	1.58E-04	8.26E-01	8.75E-06	2.35E-05	6.42E-01	6.83E-02	1.62E-04	
Kentucky	Fulton County	21075	U	1.13E-04	5.22E-03	3.05E-03	6.89E-02	1.31E-02	2.00E-04	3.44E-06	5.02E-01	4.99E-07	1.88E-06	6.32E-01	6.81E-02	1.28E-05	
Kentucky	Gallatin County	21077	U	3.38E-04	1.10E-02	6.89E-03	1.95E-01	3.12E-02	4.02E-03	3.01E-05	6.58E-01	1.85E-06	3.74E-05	6.39E-01	6.85E-02	2.46E-04	
Kentucky	Garrard County	21079	R	3.35E-05	9.66E-03	1.05E-02	1.53E-01	2.57E-02	7.18E-05	2.79E-04	6.27E-01	1.49E-06	3.78E-06	6.40E-01	6.81E-02	7.57E-05	
Kentucky	Grant County	21081	U	5.06E-04	1.43E-02	1.11E-02	2.45E-01	3.84E-02	2.42E-03	3.18E-05	6.97E-01	2.23E-06	2.87E-05	6.49E-01	6.83E-02	1.86E-04	
Kentucky	Graves County	21083	R	2.43E-05	8.68E-03	8.31E-03	1.05E-01	1.96E-02	4.87E-05	3.42E-05	5.65E-01	1.94E-06	1.19E-04	6.44E-01	6.79E-02	5.92E-05	
Kentucky	Grayson County	21085	R	2.32E-05	7.62E-03	4.71E-03	9.08E-02	2.23E-02	5.02E-05	9.35E-06	5.47E-01	4.64E-07	1.77E-06	6.42E-01	6.79E-02	4.23E-04	
Kentucky	Green County	21087	R	6.17E-06	6.51E-03	3.76E-03	7.40E-02	1.90E-02	1.71E-05	8.62E-06	5.24E-01	5.27E-07	2.55E-06	6.43E-01	6.78E-02	1.17E-04	
Kentucky	Greenup County	21089	U	6.89E-05	2.66E-02	1.66E-02	2.76E-01	5.22E-02	1.07E-02	2.83E-05	8.54E-01	2.98E-06	1.58E-05	6.43E-01	6.81E-02	8.24E-04	
Kentucky	Hancock County	21091	R	6.19E-05	1.00E-02	6.57E-03	1.27E-01	2.86E-02	2.15E-03	5.42E-05	5.83E-01	2.27E-06	1.03E-04	6.37E-01	6.79E-02	1.35E-03	
Kentucky	Hardin County	21093	R	1.16E-04	2.32E-02	2.48E-02	2.67E-01	4.17E-02	4.42E-04	2.61E-05	7.30E-01	3.77E-06	1.67E-05	6.42E-01	6.85E-02	1.67E-04	
Kentucky	Harlan County	21095	R	5.05E-06	1.28E-02	7.16E-03	1.22E-01	3.56E-02	1.92E-05	2.25E-06	6.09E-01	6.49E-07	1.54E-06	6.44E-01	6.78E-02	1.61E-05	
Kentucky	Harrison County	21097	R	1.00E-04	7.64E-03	9.80E-03	1.54E-01	3.29E-02	1.89E-04	8.80E-06	6.32E-01	1.19E-06	4.76E-06	6.41E-01	6.84E-02	7.65E-05	
Kentucky	Hart County	21099	R	2.67E-05	7.57E-03	4.57E-03	9.30E-02	2.14E-02	5.42E-05	2.69E-06	5.42E-01	4.42E-07	1.59E-06	6.45E-01	6.79E-02	8.81E-05	
Kentucky	Henderson County	21101	U	1.87E-04	3.32E-02	2.55E-02	3.10E-01	3.96E-02	1.10E-03	6.10E-05	9.95E-01	6.10E-06	3.68E-05	6.40E-01	6.87E-02	2.79E-04	
Kentucky	Henry County	21103	R	3.42E-04	7.36E-03	6.41E-03	1.51E-01	2.20E-02	6.20E-04	3.50E-05	5.93E-01	1.74E-06	4.36E-05	6.40E-01	6.84E-02	2.73E-04	
Kentucky	Hickman County	21105	R	3.97E-05	4.56E-03	3.20E-03	6.76E-02	1.27E-02	7.41E-05	5.93E-06	4.98E-01	5.40E-07	2.73E-06	6.41E-01	6.76E-02	2.03E-05	
Kentucky	Hopkins County	21107	R	3.24E-05	1.02E-02	7.85E-03	1.03E-01	2.41E-02	6.99E-05	4.02E-05	5.78E-01	2.01E-06	1.91E-05	6.39E-01	6.80E-02	2.31E-04	
Kentucky	Jackson County	21109	R	6.41E-05	9.30E-03	4.68E-03	9.23E-02	3.18E-02	1.17E-04	1.68E-06	5.70E-01	5.25E-07	1.18E-06	6.38E-01	6.79E-02	2.54E-05	
Kentucky	Jefferson County	21111	U	8.39E-04	1.14E-01	6.83E-02	1.01E+00	1.67E-01	1.98E-02	1.49E-04	1.81E+00	2.13E-05	4.02E-04	6.41E-01	7.32E-02	2.12E-03	
Kentucky	Jessamine County	21113	U	8.30E-05	2.86E-02	2.96E-02	3.19E-01	4.53E-02	1.74E-04	2.92E-04	9.19E-01	3.82E-06	1.15E-05	6.39E-01	6.85E-02	1.45E-04	
Kentucky	Johnson County	21115	R	1.97E-05	1.29E-02	9.17E-03	1.57E-01	3.92E-02	4.49E-05	5.63E-06	6.42E-01	1.04E-06	2.33E-06	6.41E-01	6.79E-02	1.72E-05	
Kentucky	Kenton County	21117	U	2.47E-03	8.94E-02	8.89E-02	1.17E+00	1.53E-01	2.99E-02	1.01E-04	1.96E+00	1.37E-05	2.00E-04	6.41E-01	7.26E-02	1.26E-03	
Kentucky	Knott County	21119	R	1.38E-05	1.11E-02	6.44E-03	1.31E-01	3.91E-02	3.28E-05	1.63E-06	6.26E-01	5.78E-07	1.40E-06	6.40E-01	6.79E-02	9.57E-06	
Kentucky	Knox County	21121	R	4.98E-05	1.09E-02	7.49E-03	1.21E-01	3.45E-02	9.68E-05	2.08E-06	6.05E-01	6.59E-07	1.99E-06	6.42E-01	6.79E-02	1.39E-05	
Kentucky	Larue County	21123	R	2.38E-05	6.78E-03	4.59E-03	1.10E-01	1.97E-02	5.15E-05	1.05E-05	5.37E-01	5.24E-07	4.27E-06	6.40E-01	6.82E-02	3.28E-05	
Kentucky	Laurel County	21125	R	2.40E-04	1.50E-02	1.12E-02	1.54E-01	3.99E-02	4.29E-04	7.42E-06	6.65E-01	1.21E-06	2.78E-06	6.39E-01	6.81E-02	2.48E-05	
Kentucky	Lawrence County	21127	R	2.46E-05	9.10E-03	5.45E-03	1.39E-01	3.50E-02	9.98E-05	8.64E-06	6.10E-01	8.26E-07	2.46E-06	6.43E-01	6.79E-02	9.85E-05	
Kentucky	Lee County	21129	R	7.77E-06	8.96E-03	4.08E-03	7.90E-02	3.15E-02	1.91E-05	1.20E-06	5.53E-01	4.08E-07	8.52E-07	6.35E-01	6.79E-02	8.17E-06	
Kentucky	Leslie County	21131	R	1.94E-06	8.83E-03	3.87E-03	9.21E-02	3.32E-02	1.04E-05	1.02E-06	5.60E-01	3.67E-07	1.33E-06	6.37E-01	6.79E-02	7.31E-06	
Kentucky	Letcher County	21133	R	2.05E-05	1.25E-02	6.69E-03	1.28E-01	3.44E-02	4.46E-05	1.84E-06	6.49E-01	6.23E-07	2.05E-06	6.35E-01	6.80E-02	1.20E-05	
Kentucky	Lewis County	21135	R	2.81E-05	7.96E-03	4.93E-03	9.33E-02	3.26E-02	8.41E-05	8.13E-06	5.41E-01	7.28E-07	3.80E-06	6.36E-01	6.81E-02	2.16E-05	
Kentucky	Lincoln County	21137	R	6.75E-05	8.56E-03	6.58E-03	1.12E-01	2.36E-02	1.27E-04	1.18E-04	5.80E-01	9.78E-07	3.71E-06	6.38E-01	6.83E-02	4.93E-05	
Kentucky	Livingston County	21139	R	8.07E-05	8.90E-03	5.93E-03	1.41E-01	2.59E-02	9.07E-05	1.21E-04	5.68E-01	4.54E-06	7.88E-04	6.51E-01	6.92E-02	1.48E-04	
Kentucky	Logan County	21141	R	1.66E-04	1.03E-02	7.92E-03	1.27E-01	2.17E-02	2.97E-04	4.48E-06	5.76E-01	9.36E-07	2.50E-06	6.37E-01	6.81E-02	2.17E-04	
Kentucky	Lyon County	21143	R	2.97E-05	8.99E-03	3.12E-03	8.88E-02	2.38E-02	4.52E-05	4.90E-05	5.42E-01	2.07E-06	2.46E-04	6.40E-01	6.81E-02	6.72E-05	
Kentucky	McCracken County	21145	R	9.36E-05	1.98E-02	2.27E-02	1.83E-01	3.16E-02	1.79E-04	5.45E-05	7.07E-01	5.45E-06	1.86E-04	6.42E-01	6.83E-02	3.29E-04	
Kentucky	McCreary County	21147	R	3.02E-05	1.18E-02	6.26E-03	1.07E-01	3.73E-02	5.88E-05	6.87E-06	5.88E-01	6.26E-07	1.50E-06	6.37E-01	6.80E-02	1.57E-05	
Kentucky	McLean County	21149	R	5.03E-05	6.78E-03	4.72E-03	1.12E-01	2.06E-02	9.25E-04	5.62E-05	5.62E-01	1.80E-06	2.21E-05	6.39E-01	6.79E-02	1.54E-04	
Kentucky	Madison County	21151	U	5.88E-05	1.64E-02	2.23E-02	1.87E-01	3.33E-02	1.30E-04	1.56E-04	7.16E-01	2.86E-06	6.84E-06	6.36E-01	6.84E-02	5.88E-04	
Kentucky	Magoffin County	21153	R	1.06E-05	9.31E-03	4.56E-03	9.93E-02	3.05E-02	2.50E-05	1.12E-06	5.71E-01	3.94E-07	1.03E-06	6.43E-01	6.77E-02	8.82E-06	
Kentucky	Marion County	21155	R	1.13E-05	7.02E-03	5.05E-03	1.08E-01	1.90E-02	2.82E-05	1.25E-04	5.38E-01	7.86E-07	1.13E-05	6.44E-01	6.79E-02	7.41E-05	
Kentucky	Marshall County	21157	R	8.70E-05	1.53E-02	8.10E-03	1.39E-01	2.73E-02	1.53E-04	4.03E-04	6.40E-01	1.33E-05	1.35E-03	6.41E-01	6.85E-02	3.62E-04	

				Estimated Annual Median Exposure Concentrations (ug/m3) for Kentucky													
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	
Kentucky	Cumberland County	21057	R	0.00E+00	3.96E-01	6.07E-03	5.28E-02	8.13E-05	2.84E-01	7.50E-05	6.79E-11	2.02E-05	4.01E-05	1.19E-03	1.32E-01	1.93E-05	
Kentucky	Daviess County	21059	U	0.00E+00	9.23E-01	6.08E-03	5.24E-02	1.89E-03	4.88E-01	7.52E-05	2.58E-08	7.46E-04	8.97E-04	1.30E-03	2.55E-01	4.05E-04	
Kentucky	Edmonson County	21061	R	0.00E+00	4.84E-01	6.08E-03	5.24E-02	5.44E-05	3.20E-01	7.50E-05	1.35E-09	5.08E-05	1.31E-03	1.20E-03	1.30E-01	8.72E-05	
Kentucky	Elliott County	21063	R	2.15E-05	5.40E-01	6.07E-03	5.30E-02	2.81E-05	3.30E-01	7.51E-05	8.34E-11	2.22E-05	5.17E-05	1.19E-03	1.28E-01	2.01E-05	
Kentucky	Estill County	21065	R	0.00E+00	5.07E-01	6.08E-03	5.26E-02	5.51E-05	3.64E-01	7.51E-05	2.72E-10	5.50E-05	7.73E-05	1.20E-03	1.36E-01	3.19E-05	
Kentucky	Fayette County	21067	U	0.00E+00	1.21E+00	6.08E-03	5.25E-02	2.95E-03	8.36E-01	7.51E-05	8.56E-09	4.38E-03	8.78E-04	1.42E-03	2.90E-01	5.38E-04	
Kentucky	Fleming County	21069	R	0.00E+00	6.38E-01	6.07E-03	5.26E-02	4.30E-05	3.21E-01	7.50E-05	1.69E-11	8.53E-05	7.30E-05	1.20E-03	1.36E-01	4.74E-05	
Kentucky	Floyd County	21071	R	0.00E+00	5.14E-01	6.08E-03	5.22E-02	2.14E-04	4.00E-01	7.49E-05	9.10E-12	4.96E-05	9.89E-05	1.21E-03	1.39E-01	3.11E-05	
Kentucky	Franklin County	21073	U	0.00E+00	8.53E-01	6.07E-03	5.24E-02	4.98E-04	4.39E-01	7.51E-05	8.67E-11	1.33E-03	5.43E-04	1.26E-03	1.78E-01	9.75E-04	
Kentucky	Fulton County	21075	U	0.00E+00	5.46E-01	6.08E-03	5.30E-02	7.79E-05	2.54E-01	7.54E-05	4.69E-11	3.66E-05	1.11E-04	1.20E-03	1.30E-01	4.16E-05	
Kentucky	Gallatin County	21077	U	0.00E+00	8.43E-01	6.08E-03	5.28E-02	1.34E-04	3.92E-01	7.52E-05	8.36E-09	8.45E-04	7.88E-04	1.32E-03	1.46E-01	2.51E-04	
Kentucky	Garrard County	21079	R	0.00E+00	5.68E-01	6.09E-03	5.27E-02	2.39E-04	3.40E-01	7.53E-05	5.21E-10	5.38E-04	1.43E-04	1.21E-03	1.49E-01	7.42E-05	
Kentucky	Grant County	21081	U	0.00E+00	8.28E-01	6.08E-03	5.22E-02	1.40E-04	4.54E-01	7.51E-05	4.91E-09	1.20E-03	4.06E-04	1.30E-03	1.50E-01	2.22E-04	
Kentucky	Graves County	21083	R	0.00E+00	5.47E-01	6.08E-03	5.30E-02	1.13E-04	3.03E-01	7.50E-05	2.34E-09	6.12E-04	2.23E-04	1.42E-03	1.51E-01	6.83E-05	
Kentucky	Grayson County	21085	R	0.00E+00	5.05E-01	6.09E-03	5.23E-02	7.73E-05	2.99E-01	7.51E-05	6.05E-10	6.03E-05	6.58E-03	1.20E-03	1.30E-01	3.46E-04	
Kentucky	Green County	21087	R	0.00E+00	4.60E-01	6.08E-03	5.26E-02	5.34E-05	2.77E-01	7.51E-05	5.05E-10	5.24E-05	7.17E-04	1.19E-03	1.44E-01	2.82E-05	
Kentucky	Greenup County	21089	U	8.61E-03	8.15E-01	6.08E-03	5.26E-02	2.47E-04	4.78E-01	7.49E-05	2.46E-08	2.22E-04	1.04E-03	1.25E-03	6.27E-01	2.03E-03	
Kentucky	Hancock County	21091	R	0.00E+00	7.78E-01	6.08E-03	5.29E-02	7.17E-05	3.33E-01	7.51E-05	2.50E-10	3.63E-04	1.68E-03	1.21E-03	1.35E-01	1.74E-04	
Kentucky	Hardin County	21093	R	0.00E+00	7.80E-01	6.08E-03	5.24E-02	8.64E-04	4.53E-01	7.50E-05	4.06E-08	4.13E-04	6.77E-04	1.28E-03	1.88E-01	3.20E-04	
Kentucky	Harlan County	21095	R	0.00E+00	4.46E-01	6.08E-03	5.21E-02	6.15E-04	3.50E-01	7.50E-05	1.78E-12	3.39E-05	7.18E-05	1.20E-03	1.32E-01	1.88E-05	
Kentucky	Harrison County	21097	R	0.00E+00	6.87E-01	6.08E-03	5.25E-02	3.04E-04	3.59E-01	7.51E-05	2.95E-09	1.44E-04	2.46E-04	1.23E-03	1.46E-01	1.39E-04	
Kentucky	Hart County	21099	R	0.00E+00	4.83E-01	6.08E-03	5.26E-02	5.75E-05	3.01E-01	7.51E-05	9.92E-10	2.83E-05	6.01E-05	1.20E-03	1.37E-01	2.70E-05	
Kentucky	Henderson County	21101	U	0.00E+00	1.14E+00	6.08E-03	5.25E-02	1.17E-03	4.53E-01	7.51E-05	5.05E-09	4.69E-04	5.19E-04	1.31E-03	2.02E-01	1.18E-03	
Kentucky	Henry County	21103	R	0.00E+00	7.32E-01	6.09E-03	5.27E-02	1.58E-04	3.45E-01	7.52E-05	5.09E-09	5.22E-04	3.47E-04	1.30E-03	1.42E-01	2.47E-04	
Kentucky	Hickman County	21105	R	0.00E+00	4.95E-01	6.07E-03	5.22E-02	3.20E-05	2.55E-01	7.49E-05	2.50E-10	1.01E-04	1.85E-04	1.20E-03	1.73E-01	2.74E-05	
Kentucky	Hopkins County	21107	R	0.00E+00	5.54E-01	6.07E-03	5.27E-02	2.95E-04	3.13E-01	7.51E-05	5.05E-09	1.78E-04	1.18E-04	1.24E-03	1.36E-01	3.24E-04	
Kentucky	Jackson County	21109	R	0.00E+00	4.54E-01	6.07E-03	5.26E-02	4.64E-05	3.29E-01	7.50E-05	2.74E-10	2.69E-05	6.13E-05	1.19E-03	1.30E-01	3.06E-05	
Kentucky	Jefferson County	21111	U	0.00E+00	1.82E+00	6.08E-03	5.29E-02	5.81E-03	1.24E+00	7.51E-05	2.40E-07	6.21E-03	4.43E-03	1.48E-03	3.97E-01	3.52E-03	
Kentucky	Jessamine County	21113	U	0.00E+00	7.63E-01	6.08E-03	5.27E-02	2.72E-04	4.79E-01	7.51E-05	1.10E-08	1.99E-03	4.44E-04	1.26E-03	1.85E-01	2.33E-04	
Kentucky	Johnson County	21115	R	0.00E+00	5.42E-01	6.08E-03	5.23E-02	1.19E-04	3.75E-01	7.50E-05	4.46E-11	4.14E-05	7.58E-05	1.20E-03	1.36E-01	3.05E-05	
Kentucky	Kenton County	21117	U	1.15E-03	1.79E+00	6.08E-03	5.34E-02	2.48E-03	1.33E+00	7.51E-05	1.70E-07	6.59E-03	3.06E-03	1.97E-03	4.11E-01	2.20E-03	
Kentucky	Knott County	21119	R	0.00E+00	4.43E-01	6.08E-03	5.25E-02	7.95E-05	3.50E-01	7.51E-05	2.65E-11	2.74E-05	5.95E-05	1.20E-03	1.32E-01	1.62E-05	
Kentucky	Knox County	21121	R	0.00E+00	4.61E-01	6.08E-03	5.24E-02	2.41E-04	3.45E-01	7.50E-05	4.44E-10	3.51E-05	7.00E-05	1.20E-03	1.30E-01	7.15E-05	
Kentucky	Larue County	21123	R	0.00E+00	5.42E-01	6.08E-03	5.28E-02	5.29E-05	2.93E-01	7.54E-05	1.68E-09	7.95E-05	1.16E-03	1.21E-03	1.36E-01	2.99E-05	
Kentucky	Laurel County	21125	R	0.00E+00	5.31E-01	6.07E-03	5.27E-02	1.28E-04	3.77E-01	7.51E-05	4.34E-09	5.11E-05	1.46E-04	1.20E-03	1.46E-01	3.02E-04	
Kentucky	Lawrence County	21127	R	1.92E-03	6.14E-01	6.09E-03	5.26E-02	8.23E-05	3.64E-01	7.51E-05	4.19E-10	6.26E-05	1.27E-04	1.20E-03	1.31E-01	3.29E-04	
Kentucky	Lee County	21129	R	0.00E+00	4.31E-01	6.08E-03	5.26E-02	2.06E-05	3.06E-01	7.51E-05	1.98E-11	1.74E-05	3.88E-05	1.19E-03	1.28E-01	1.78E-05	
Kentucky	Leslie County	21131	R	0.00E+00	3.90E-01	6.08E-03	5.28E-02	1.40E-04	3.25E-01	7.50E-05	1.72E-11	2.18E-05	3.26E-05	1.20E-03	1.29E-01	1.12E-05	
Kentucky	Letcher County	21133	R	0.00E+00	4.52E-01	6.07E-03	5.24E-02	1.04E-04	3.59E-01	7.50E-05	4.43E-12	4.11E-05	7.18E-05	1.20E-03	1.33E-01	1.76E-05	
Kentucky	Lewis County	21135	R	0.00E+00	6.28E-01	6.08E-03	5.27E-02	4.75E-05	3.11E-01	7.51E-05	2.65E-11	5.39E-05	6.74E-05	1.20E-03	1.27E-01	4.61E-05	
Kentucky	Lincoln County	21137	R	0.00E+00	5.14E-01	6.09E-03	5.30E-02	9.61E-05	3.09E-01	7.53E-05	5.06E-10	1.41E-04	7.97E-04	1.21E-03	1.36E-01	4.52E-05	
Kentucky	Livingston County	21139	R	0.00E+00	7.03E-01	6.09E-03	6.86E-02	1.46E-04	3.39E-01	7.51E-05	1.61E-07	4.15E-03	6.35E-04	3.48E-03	1.34E-01	1.87E-04	
Kentucky	Logan County	21141	R	0.00E+00	5.88E-01	6.08E-03	5.28E-02	1.15E-04	3.20E-01	7.53E-05	1.06E-08	5.25E-05	7.10E-04	1.20E-03	1.10E+00	5.28E-04	
Kentucky	Lyon County	21143	R	0.00E+00	2.12E+00	6.08E-03	5.58E-02	4.64E-05	3.08E-01	7.51E-05	3.87E-09	9.95E-04	1.11E-04	1.59E-03	1.30E-01	9.50E-05	
Kentucky	McCracken County	21145	R	0.00E+00	7.42E-01	6.08E-03	5.43E-02	1.43E-03	3.74E-01	7.51E-05	4.37E-08	1.22E-03	4.43E-04	1.56E-03	1.88E-01	1.55E-04	
Kentucky	McCreary County	21147	R	0.00E+00	4.40E-01	6.09E-03	5.29E-02	3.45E-05	3.53E-01	7.51E-05	2.03E-10	2.63E-05	1.47E-04	1.19E-03	1.31E-01	5.86E-05	
Kentucky	McLean County	21149	R	0.00E+00	6.55E-01	6.09E-03	5.25E-02	9.27E-05	3.00E-01	7.52E-05	9.52E-10	5.28E-04	1.59E-04	1.24E-03	1.37E-01	2.42E-04	
Kentucky	Madison County	21151	U	0.00E+00	6.12E-01	6.07E-03	5.28E-02	2.80E-04	3.80E-01	7.51E-05	4.20E-08	8.70E-04	4.15E-04	1.23E-03	1.70E-01	1.67E-04	
Kentucky	Magoffin County	21153	R	0.00E+00	4.46E-01	6.09E-03	5.22E-02	3.58E-05	3.27E-01	7.49E-05	8.49E-12	2.12E-05	3.54E-05	1.20E-03	1.28E-01	1.23E-05	
Kentucky	Marion County	21155	R	0.00E+00	5.36E-01	6.08E-03	5.24E-02	8.60E-05	2.91E-01	7.51E-05	2.70E-11	2.58E-04	5.04E-03	1.21E-03	1.54E-01	5.19E-05	
Kentucky	Marshall County	21157	R	0.00E+00	6.46E-01	6.08E-03	5.64E-02	1.26E-04	3.39E-01	7.52E-05	7.30E-08	8.02E-03	4.48E-04	3.10E-03	1.36E-01	2.57E-04	

				Estimated Annual Median Exposure Concentrations (ug/m3) for Kentucky											
State	County	FIPS	Urban or Rural	PCBS	Perchloroethylene	POM (total)	Propylene Dichloride	Quinoline	Trichloroethylene	Vinyl Chloride					
Kentucky	Cumberland County	21057	R	3.00E-04	1.07E-01	3.74E-03	5.10E-07	1.26E-09	6.80E-02	7.85E-06					
Kentucky	Daviess County	21059	U	3.00E-04	1.78E-01	3.55E-02	2.05E-05	1.00E-07	8.17E-02	4.12E-04					
Kentucky	Edmonson County	21061	R	3.00E-04	1.12E-01	4.97E-03	2.66E-06	2.44E-08	7.95E-02	4.75E-05					
Kentucky	Elliott County	21063	R	2.99E-04	1.08E-01	5.53E-03	1.42E-06	1.52E-09	6.86E-02	2.74E-05					
Kentucky	Estill County	21065	R	3.00E-04	1.15E-01	9.81E-03	1.02E-05	4.91E-09	8.29E-02	2.13E-04					
Kentucky	Fayette County	21067	U	3.00E-04	2.93E-01	3.73E-02	3.67E-05	4.50E-08	1.36E-01	2.51E-03					
Kentucky	Fleming County	21069	R	3.00E-04	1.11E-01	5.65E-03	1.24E-05	4.32E-10	6.88E-02	2.62E-04					
Kentucky	Floyd County	21071	R	3.00E-04	1.13E-01	9.68E-03	9.71E-06	3.28E-10	6.94E-02	2.00E-04					
Kentucky	Franklin County	21073	U	3.00E-04	1.45E-01	1.88E-02	6.54E-05	2.30E-09	8.98E-02	2.07E-03					
Kentucky	Fulton County	21075	U	3.00E-04	1.08E-01	4.25E-03	1.25E-05	1.21E-09	6.92E-02	2.65E-04					
Kentucky	Gallatin County	21077	U	3.00E-04	1.20E-01	9.46E-03	3.89E-05	9.27E-08	9.39E-02	1.04E-03					
Kentucky	Garrard County	21079	R	3.01E-04	1.21E-01	7.60E-03	4.19E-06	8.48E-09	1.16E-01	8.50E-05					
Kentucky	Grant County	21081	U	3.00E-04	1.23E-01	1.00E-02	5.64E-05	7.46E-08	8.40E-02	3.22E-03					
Kentucky	Graves County	21083	R	3.00E-04	1.26E-01	7.62E-03	3.21E-06	5.43E-08	6.93E-02	7.48E-04					
Kentucky	Grayson County	21085	R	3.01E-04	1.10E-01	4.85E-03	2.91E-06	1.53E-08	8.02E-02	5.78E-05					
Kentucky	Green County	21087	R	3.00E-04	1.08E-01	3.79E-03	9.87E-07	7.75E-09	6.80E-02	1.49E-05					
Kentucky	Greenup County	21089	U	3.00E-04	1.21E-01	4.37E-02	9.31E-06	1.94E-03	7.12E-02	3.26E-04					
Kentucky	Hancock County	21091	R	3.00E-04	1.15E-01	1.36E-02	7.07E-06	4.95E-09	6.88E-02	1.45E-04					
Kentucky	Hardin County	21093	R	3.00E-04	1.36E-01	1.77E-02	1.70E-05	1.97E-07	1.10E-01	4.96E-04					
Kentucky	Harlan County	21095	R	3.00E-04	1.09E-01	6.75E-03	8.21E-07	8.36E-11	6.84E-02	1.18E-05					
Kentucky	Harrison County	21097	R	3.00E-04	1.28E-01	7.15E-03	1.19E-05	2.28E-08	7.21E-02	1.41E-03					
Kentucky	Hart County	21099	R	3.00E-04	1.10E-01	4.67E-03	3.36E-06	1.76E-08	7.08E-02	6.34E-05					
Kentucky	Henderson County	21101	U	3.00E-04	2.10E-01	2.48E-02	2.22E-05	8.90E-08	1.07E-01	6.46E-04					
Kentucky	Henry County	21103	R	3.01E-04	1.15E-01	7.43E-03	3.85E-05	1.05E-07	7.71E-02	1.24E-03					
Kentucky	Hickman County	21105	R	3.00E-04	1.08E-01	4.02E-03	4.56E-06	4.92E-09	6.82E-02	9.36E-05					
Kentucky	Hopkins County	21107	R	3.00E-04	1.15E-01	9.05E-03	4.40E-06	3.08E-08	7.19E-02	7.89E-05					
Kentucky	Jackson County	21109	R	3.00E-04	1.10E-01	5.55E-03	7.23E-06	4.37E-09	8.02E-02	1.50E-04					
Kentucky	Jefferson County	21111	U	3.00E-04	2.76E-01	5.85E-02	1.06E-04	1.15E-06	1.78E-01	1.10E-02					
Kentucky	Jessamine County	21113	U	3.00E-04	1.57E-01	1.85E-02	1.08E-05	4.65E-08	1.37E-01	1.50E-03					
Kentucky	Johnson County	21115	R	3.00E-04	1.11E-01	8.56E-03	2.52E-06	1.95E-09	6.87E-02	5.24E-05					
Kentucky	Kenton County	21117	U	3.00E-04	2.82E-01	6.77E-02	2.95E-04	1.04E-06	1.44E-01	7.03E-03					
Kentucky	Knott County	21119	R	3.00E-04	1.09E-01	7.31E-03	1.79E-06	4.36E-10	6.84E-02	3.25E-05					
Kentucky	Knox County	21121	R	3.00E-04	1.11E-01	6.73E-03	6.08E-06	9.16E-09	6.87E-02	1.18E-04					
Kentucky	Larue County	21123	R	3.00E-04	1.11E-01	4.01E-03	3.11E-06	2.36E-08	7.36E-02	5.69E-05					
Kentucky	Laurel County	21125	R	3.00E-04	1.21E-01	9.17E-03	2.71E-05	4.65E-08	7.32E-02	5.64E-04					
Kentucky	Lawrence County	21127	R	3.01E-04	1.12E-01	7.96E-03	3.14E-06	5.20E-06	6.88E-02	9.09E-05					
Kentucky	Lee County	21129	R	3.00E-04	1.09E-01	5.07E-03	1.03E-06	5.89E-10	6.83E-02	1.82E-05					
Kentucky	Leslie County	21131	R	3.00E-04	1.08E-01	5.13E-03	4.30E-07	4.27E-10	6.84E-02	4.59E-06					
Kentucky	Letcher County	21133	R	3.00E-04	1.12E-01	8.93E-03	2.53E-06	1.13E-10	6.85E-02	4.79E-05					
Kentucky	Lewis County	21135	R	3.00E-04	1.07E-01	4.65E-03	3.48E-06	1.19E-09	6.85E-02	7.52E-05					
Kentucky	Lincoln County	21137	R	3.01E-04	1.12E-01	5.68E-03	7.81E-06	1.28E-08	9.00E-02	1.59E-04					
Kentucky	Livingston County	21139	R	3.00E-04	1.14E-01	1.17E-02	1.46E-05	1.17E-06	6.92E-02	1.21E-02					
Kentucky	Logan County	21141	R	3.00E-04	1.15E-01	6.31E-03	1.88E-05	4.99E-08	7.38E-02	3.91E-04					
Kentucky	Lyon County	21143	R	3.00E-04	1.11E-01	5.42E-03	3.54E-06	1.05E-07	6.85E-02	1.98E-03					
Kentucky	McCracken County	21145	R	3.00E-04	1.65E-01	2.49E-02	1.29E-05	2.10E-07	7.74E-02	1.45E-03					
Kentucky	McCreary County	21147	R	3.01E-04	1.09E-01	6.83E-03	3.59E-06	7.47E-09	6.85E-02	7.10E-05					
Kentucky	McLean County	21149	R	3.00E-04	1.14E-01	1.19E-02	5.95E-06	1.60E-08	6.94E-02	1.19E-04					
Kentucky	Madison County	21151	U	3.00E-04	1.25E-01	1.42E-02	7.98E-06	1.40E-07	1.86E-01	1.43E-04					
Kentucky	Magoffin County	21153	R	3.01E-04	1.08E-01	5.25E-03	1.37E-06	4.10E-10	6.79E-02	2.49E-05					
Kentucky	Marion County	21155	R	3.00E-04	1.11E-01	4.34E-03	1.55E-06	5.55E-10	7.39E-02	2.67E-05					
Kentucky	Marshall County	21157	R	3.00E-04	1.15E-01	8.27E-03	1.26E-05	3.92E-07	6.95E-02	3.30E-03					

				Estimated Annual Median Exposure Concentrations (ug/m3) for Kentucky												
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
Kentucky	Martin County	21159	R	3.34E-05	1.14E-02	6.70E-03	1.50E-01	4.08E-02	6.95E-05	4.77E-06	6.41E-01	7.71E-07	1.73E-06	6.37E-01	6.79E-02	1.57E-05
Kentucky	Mason County	21161	R	1.41E-04	9.48E-03	5.68E-03	1.05E-01	7.63E-02	2.52E-04	1.06E-05	5.62E-01	9.53E-07	2.50E-06	6.43E-01	6.79E-02	3.66E-05
Kentucky	Meade County	21163	R	4.52E-05	1.01E-02	9.97E-03	1.90E-01	3.28E-02	2.63E-03	2.79E-05	6.35E-01	1.98E-06	5.19E-05	6.44E-01	6.85E-02	1.92E-04
Kentucky	Menifee County	21165	R	2.86E-05	9.45E-03	3.23E-03	7.24E-02	4.17E-02	5.45E-05	1.70E-06	5.38E-01	3.66E-07	8.25E-07	6.38E-01	6.79E-02	1.36E-05
Kentucky	Mercer County	21167	R	3.03E-05	1.72E-02	1.20E-02	1.51E-01	2.61E-02	6.76E-05	2.10E-03	6.59E-01	1.58E-06	6.04E-06	6.37E-01	6.82E-02	6.62E-05
Kentucky	Metcalfe County	21169	R	6.99E-06	6.80E-03	3.59E-03	7.39E-02	1.94E-02	1.84E-05	1.94E-06	5.20E-01	3.84E-07	9.80E-07	6.38E-01	6.78E-02	2.33E-04
Kentucky	Monroe County	21171	R	5.09E-06	6.46E-03	3.76E-03	7.62E-02	2.02E-02	1.58E-05	1.72E-06	5.14E-01	3.83E-07	1.35E-06	6.42E-01	6.77E-02	9.89E-05
Kentucky	Montgomery County	21173	R	2.04E-04	1.93E-02	8.96E-03	1.51E-01	4.86E-02	3.64E-04	1.17E-05	6.29E-01	1.27E-06	5.14E-06	6.40E-01	6.79E-02	6.46E-05
Kentucky	Morgan County	21175	R	5.49E-06	7.77E-03	3.56E-03	7.92E-02	2.95E-02	1.47E-05	8.44E-07	5.38E-01	3.03E-07	7.52E-07	6.39E-01	6.78E-02	7.07E-06
Kentucky	Muhlenberg County	21177	R	4.88E-05	9.73E-03	6.79E-03	9.70E-02	2.22E-02	1.02E-04	4.88E-05	5.57E-01	1.55E-06	1.35E-05	6.38E-01	6.79E-02	9.57E-05
Kentucky	Nelson County	21179	R	1.39E-04	1.20E-02	9.63E-03	2.52E-01	2.92E-02	2.60E-04	5.20E-05	6.23E-01	3.28E-06	1.48E-05	6.40E-01	6.83E-02	1.01E-04
Kentucky	Nicholas County	21181	R	1.01E-04	1.16E-02	5.51E-03	1.11E-01	6.15E-02	1.84E-04	1.24E-05	5.70E-01	9.76E-07	3.20E-06	6.34E-01	6.84E-02	4.72E-05
Kentucky	Ohio County	21183	R	1.29E-04	8.07E-03	5.24E-03	9.30E-02	2.39E-02	7.26E-04	4.15E-05	5.55E-01	1.18E-06	8.37E-06	6.40E-01	6.78E-02	2.26E-04
Kentucky	Oldham County	21185	U	3.97E-04	2.59E-02	2.55E-02	5.35E-01	7.26E-02	4.87E-03	4.37E-05	9.73E-01	6.58E-06	1.17E-04	6.39E-01	6.98E-02	5.29E-04
Kentucky	Owen County	21187	R	1.10E-04	5.47E-03	4.18E-03	9.11E-02	1.74E-02	1.97E-04	2.34E-05	5.26E-01	1.21E-06	2.66E-05	6.41E-01	6.79E-02	1.22E-04
Kentucky	Owsley County	21189	R	1.19E-05	7.24E-03	3.45E-03	7.75E-02	2.94E-02	2.47E-05	8.48E-07	5.32E-01	2.99E-07	7.87E-07	6.40E-01	6.80E-02	7.07E-06
Kentucky	Pendleton County	21191	U	4.56E-04	1.09E-02	9.77E-03	2.02E-01	3.26E-02	1.26E-03	1.96E-05	6.65E-01	1.62E-06	1.46E-05	6.42E-01	6.82E-02	7.95E-05
Kentucky	Perry County	21193	R	6.22E-06	1.26E-02	7.13E-03	1.19E-01	3.64E-02	1.93E-05	1.85E-06	6.17E-01	6.39E-07	1.80E-06	6.41E-01	6.80E-02	1.11E-05
Kentucky	Pike County	21195	R	3.45E-05	1.39E-02	8.75E-03	1.53E-01	4.06E-02	7.33E-05	2.15E-06	6.71E-01	7.35E-07	2.28E-06	6.39E-01	6.80E-02	1.51E-05
Kentucky	Powell County	21197	R	4.31E-05	1.07E-02	6.44E-03	1.04E-01	3.91E-02	8.42E-05	9.03E-06	5.88E-01	9.36E-07	2.24E-06	6.43E-01	6.77E-02	3.62E-05
Kentucky	Pulaski County	21199	R	1.45E-05	1.25E-02	9.85E-03	1.38E-01	3.49E-02	4.29E-05	1.68E-05	6.44E-01	1.55E-06	4.58E-06	6.42E-01	6.80E-02	3.06E-05
Kentucky	Robertson County	21201	R	6.79E-05	7.92E-03	4.00E-03	8.64E-02	3.84E-02	1.24E-04	8.18E-06	5.36E-01	7.34E-07	2.00E-06	6.28E-01	6.81E-02	2.15E-05
Kentucky	Rockcastle County	21203	R	2.41E-05	9.15E-03	5.42E-03	9.36E-02	2.69E-02	5.30E-05	6.61E-06	5.62E-01	6.85E-07	2.21E-06	6.33E-01	6.79E-02	2.44E-05
Kentucky	Rowan County	21205	R	1.02E-04	1.64E-02	9.93E-03	1.10E-01	5.21E-02	1.87E-04	4.20E-06	6.05E-01	1.05E-06	3.46E-06	6.44E-01	6.81E-02	1.86E-05
Kentucky	Russell County	21207	R	4.50E-06	8.92E-03	5.23E-03	8.86E-02	2.35E-02	1.53E-05	5.99E-06	5.61E-01	7.43E-07	1.66E-06	6.35E-01	6.78E-02	4.10E-05
Kentucky	Scott County	21209	U	1.89E-04	1.26E-02	1.13E-02	2.88E-01	3.74E-02	3.51E-04	2.04E-05	7.48E-01	2.53E-06	1.00E-05	6.47E-01	6.85E-02	6.34E-04
Kentucky	Shelby County	21211	R	2.71E-04	1.27E-02	1.50E-02	3.46E-01	4.38E-02	5.33E-04	3.08E-05	7.76E-01	4.26E-06	3.64E-05	6.47E-01	6.84E-02	2.73E-04
Kentucky	Simpson County	21213	R	1.48E-05	1.39E-02	1.47E-02	2.18E-01	2.85E-02	4.36E-05	1.39E-05	6.73E-01	1.99E-06	7.09E-06	6.42E-01	6.80E-02	1.68E-04
Kentucky	Spencer County	21215	R	3.68E-04	1.08E-02	1.22E-02	3.50E-01	4.28E-02	2.73E-03	4.94E-05	7.02E-01	4.83E-06	4.66E-05	6.44E-01	6.86E-02	2.51E-04
Kentucky	Taylor County	21217	R	1.82E-05	9.30E-03	8.27E-03	9.32E-02	2.09E-02	4.12E-05	4.58E-05	5.67E-01	2.84E-06	8.63E-06	6.39E-01	6.79E-02	8.68E-05
Kentucky	Todd County	21219	R	4.48E-05	5.59E-03	5.00E-03	1.15E-01	1.75E-02	8.57E-05	1.92E-06	5.35E-01	5.46E-07	1.29E-06	6.41E-01	6.79E-02	3.54E-05
Kentucky	Trigg County	21221	R	5.11E-05	1.40E-02	5.50E-03	1.19E-01	2.92E-02	9.46E-05	1.78E-05	5.78E-01	1.07E-06	4.55E-05	6.46E-01	6.81E-02	4.83E-05
Kentucky	Trimble County	21223	R	1.16E-04	9.30E-03	6.31E-03	1.41E-01	2.59E-02	2.29E-04	3.33E-05	5.81E-01	1.45E-06	4.03E-05	6.40E-01	6.82E-02	3.35E-04
Kentucky	Union County	21225	R	9.74E-05	6.60E-03	4.67E-03	9.83E-02	1.75E-02	1.76E-04	1.96E-05	5.41E-01	1.37E-06	8.12E-06	6.37E-01	6.81E-02	7.14E-05
Kentucky	Warren County	21227	U	2.39E-05	3.25E-02	3.18E-02	2.45E-01	3.79E-02	8.64E-05	1.75E-05	8.56E-01	5.04E-06	1.06E-05	6.38E-01	6.84E-02	5.58E-04
Kentucky	Washington County	21229	R	2.22E-05	5.34E-03	4.95E-03	1.37E-01	1.66E-02	4.45E-05	1.75E-04	5.27E-01	9.49E-07	7.86E-06	6.37E-01	6.80E-02	5.45E-05
Kentucky	Wayne County	21231	R	2.06E-05	1.09E-02	6.33E-03	8.86E-02	2.82E-02	4.16E-05	5.06E-06	5.62E-01	7.02E-07	1.58E-06	6.41E-01	6.78E-02	1.33E-05
Kentucky	Webster County	21233	R	4.38E-05	5.83E-03	4.39E-03	9.02E-02	1.85E-02	8.38E-05	2.45E-05	5.36E-01	1.35E-06	1.19E-05	6.40E-01	6.80E-02	7.38E-05
Kentucky	Whitley County	21235	R	3.18E-05	1.68E-02	1.10E-02	1.45E-01	4.24E-02	6.71E-05	6.05E-06	6.57E-01	1.33E-06	4.08E-06	6.39E-01	6.81E-02	2.18E-05
Kentucky	Wolfe County	21237	R	7.13E-06	7.98E-03	3.17E-03	7.22E-02	2.85E-02	1.87E-05	7.47E-07	5.29E-01	2.66E-07	5.29E-07	6.40E-01	6.78E-02	6.14E-06
Kentucky	Woodford County	21239	U	1.09E-04	1.01E-02	1.03E-02	1.96E-01	2.62E-02	2.05E-04	2.51E-04	6.45E-01	2.38E-06	7.84E-06	6.38E-01	6.81E-02	8.72E-05

				Estimated Annual Median Exposure Concentrations (ug/m3) for Kentucky												
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
Kentucky	Martin County	21159	R	0.00E+00	5.60E-01	6.07E-03	5.27E-02	8.12E-05	3.81E-01	7.49E-05	1.75E-09	2.81E-05	6.13E-05	1.20E-03	1.33E-01	2.15E-05
Kentucky	Mason County	21161	R	0.00E+00	7.29E-01	6.08E-03	5.24E-02	6.19E-05	3.21E-01	7.50E-05	2.89E-11	1.77E-04	9.21E-05	1.20E-03	1.30E-01	4.40E-05
Kentucky	Meade County	21163	R	0.00E+00	7.77E-01	6.07E-03	5.24E-02	1.49E-03	3.82E-01	7.48E-05	8.32E-09	5.39E-04	6.97E-04	1.22E-03	1.44E-01	3.04E-04
Kentucky	Menifee County	21165	R	0.00E+00	4.64E-01	6.07E-03	5.28E-02	3.51E-05	3.02E-01	7.51E-05	4.33E-11	1.88E-05	3.40E-05	1.19E-03	1.32E-01	2.15E-05
Kentucky	Mercer County	21167	R	0.00E+00	6.19E-01	6.08E-03	5.26E-02	1.09E-04	3.51E-01	7.52E-05	6.63E-11	1.53E-03	1.18E-03	1.22E-03	1.57E-01	8.03E-05
Kentucky	Metcalfe County	21169	R	0.00E+00	4.32E-01	6.09E-03	5.27E-02	4.31E-05	2.77E-01	7.51E-05	2.64E-10	1.71E-05	4.88E-05	1.19E-03	1.54E-01	2.57E-05
Kentucky	Monroe County	21171	R	0.00E+00	4.62E-01	6.07E-03	5.22E-02	8.74E-05	2.83E-01	7.50E-05	1.56E-10	2.33E-05	8.57E-05	1.20E-03	1.40E-01	4.18E-05
Kentucky	Montgomery County	21173	R	0.00E+00	6.04E-01	6.08E-03	5.25E-02	2.15E-04	3.44E-01	7.50E-05	3.75E-10	9.51E-05	9.32E-05	1.22E-03	1.58E-01	7.22E-05
Kentucky	Morgan County	21175	R	0.00E+00	4.62E-01	6.08E-03	5.23E-02	4.23E-05	3.10E-01	7.50E-05	5.30E-12	1.61E-05	2.58E-05	1.19E-03	1.26E-01	1.10E-05
Kentucky	Muhlenberg County	21177	R	0.00E+00	5.82E-01	6.08E-03	5.25E-02	1.09E-04	2.99E-01	7.50E-05	2.27E-08	2.09E-04	1.62E-04	1.22E-03	2.36E-01	1.44E-04
Kentucky	Nelson County	21179	R	0.00E+00	6.45E-01	6.09E-03	5.25E-02	5.92E-04	3.82E-01	7.51E-05	1.51E-09	4.56E-04	2.29E-03	1.24E-03	2.08E-01	2.43E-04
Kentucky	Nicholas County	21181	R	0.00E+00	6.23E-01	6.08E-03	5.29E-02	1.11E-04	3.08E-01	7.53E-05	5.79E-10	8.12E-05	1.21E-04	1.21E-03	1.35E-01	6.24E-05
Kentucky	Ohio County	21183	R	0.00E+00	5.43E-01	6.08E-03	5.24E-02	7.30E-05	3.05E-01	7.51E-05	3.78E-10	2.02E-04	2.09E-03	1.21E-03	1.36E-01	1.80E-04
Kentucky	Oldham County	21185	U	0.00E+00	1.09E+00	6.09E-03	5.29E-02	1.78E-03	7.22E-01	7.52E-05	4.79E-08	1.57E-03	1.34E-03	1.33E-03	2.06E-01	7.48E-04
Kentucky	Owen County	21187	R	0.00E+00	6.74E-01	6.08E-03	5.25E-02	6.39E-05	2.84E-01	7.50E-05	2.58E-09	4.90E-04	1.27E-04	1.24E-03	1.30E-01	1.41E-04
Kentucky	Owsley County	21189	R	0.00E+00	4.04E-01	6.08E-03	5.25E-02	3.22E-05	3.00E-01	7.50E-05	3.75E-12	1.41E-05	3.07E-05	1.19E-03	1.26E-01	1.02E-05
Kentucky	Pendleton County	21191	U	0.00E+00	7.76E-01	6.08E-03	5.25E-02	9.18E-05	4.17E-01	7.51E-05	2.56E-09	5.24E-04	3.51E-04	1.23E-03	1.42E-01	1.12E-04
Kentucky	Perry County	21193	R	0.00E+00	4.46E-01	6.08E-03	5.26E-02	1.53E-04	3.40E-01	7.50E-05	6.59E-10	3.26E-05	5.83E-05	1.20E-03	1.33E-01	2.46E-05
Kentucky	Pike County	21195	R	7.61E-04	5.06E-01	6.08E-03	5.26E-02	1.33E-04	3.83E-01	7.50E-05	6.54E-12	4.44E-05	9.82E-05	1.20E-03	1.35E-01	2.43E-05
Kentucky	Powell County	21197	R	0.00E+00	4.92E-01	6.06E-03	5.21E-02	3.04E-05	3.30E-01	7.48E-05	1.91E-10	4.60E-05	6.74E-05	1.20E-03	1.33E-01	4.49E-05
Kentucky	Pulaski County	21199	R	0.00E+00	5.39E-01	6.08E-03	5.26E-02	1.42E-04	3.60E-01	7.51E-05	1.66E-08	9.41E-05	4.33E-04	1.21E-03	1.41E-01	9.08E-05
Kentucky	Robertson County	21201	R	0.00E+00	6.46E-01	6.06E-03	5.31E-02	4.14E-05	2.99E-01	7.51E-05	3.39E-10	7.83E-05	8.40E-05	1.19E-03	1.28E-01	3.12E-05
Kentucky	Rockcastle County	21203	R	0.00E+00	4.45E-01	6.08E-03	5.24E-02	6.04E-05	3.08E-01	7.51E-05	4.01E-10	5.41E-05	1.72E-04	1.20E-03	1.29E-01	3.94E-05
Kentucky	Rowan County	21205	R	0.00E+00	5.47E-01	6.08E-03	5.27E-02	3.69E-04	3.60E-01	7.51E-05	3.32E-09	6.14E-05	7.96E-05	1.22E-03	1.40E-01	4.52E-05
Kentucky	Russell County	21207	R	0.00E+00	4.41E-01	6.08E-03	5.27E-02	5.91E-05	2.96E-01	7.50E-05	1.31E-10	1.08E-04	1.03E-04	1.19E-03	1.32E-01	4.77E-05
Kentucky	Scott County	21209	U	0.00E+00	7.87E-01	6.09E-03	5.23E-02	4.03E-04	4.54E-01	7.52E-05	6.94E-10	3.14E-03	9.70E-04	1.28E-03	1.59E-01	5.52E-04
Kentucky	Shelby County	21211	R	0.00E+00	9.08E-01	6.07E-03	5.22E-02	1.10E-03	5.43E-01	7.51E-05	7.05E-09	1.64E-03	9.83E-04	1.29E-03	1.73E-01	4.66E-04
Kentucky	Simpson County	21213	R	0.00E+00	6.79E-01	6.07E-03	5.24E-02	1.08E-04	3.98E-01	7.49E-05	1.34E-09	1.60E-04	2.50E-04	1.23E-03	2.08E-01	4.30E-04
Kentucky	Spencer County	21215	R	0.00E+00	7.10E-01	6.07E-03	5.24E-02	1.21E-03	4.96E-01	7.49E-05	6.79E-09	1.43E-03	1.04E-03	1.26E-03	1.75E-01	5.33E-04
Kentucky	Taylor County	21217	R	0.00E+00	5.12E-01	6.08E-03	5.27E-02	1.44E-04	2.91E-01	7.50E-05	6.60E-11	1.45E-04	1.54E-03	1.20E-03	1.45E-01	1.34E-04
Kentucky	Todd County	21219	R	0.00E+00	5.13E-01	6.08E-03	5.24E-02	5.80E-05	2.95E-01	7.50E-05	4.12E-10	2.64E-05	1.35E-04	1.19E-03	2.14E-01	9.28E-05
Kentucky	Trigg County	21221	R	0.00E+00	6.40E-01	6.09E-03	5.28E-02	8.27E-05	3.51E-01	7.52E-05	1.06E-09	3.13E-04	6.49E-05	1.29E-03	1.39E-01	6.74E-05
Kentucky	Trimble County	21223	R	0.00E+00	7.93E-01	6.08E-03	5.25E-02	1.58E-04	3.39E-01	7.51E-05	7.06E-09	4.26E-04	3.81E-04	1.27E-03	1.35E-01	2.16E-04
Kentucky	Union County	21225	R	0.00E+00	6.26E-01	6.07E-03	5.30E-02	8.91E-05	3.47E-01	7.52E-05	3.40E-09	6.64E-05	9.96E-05	1.21E-03	1.32E-01	1.85E-04
Kentucky	Warren County	21227	U	0.00E+00	8.00E-01	6.08E-03	5.26E-02	7.34E-04	4.45E-01	7.51E-05	1.04E-07	3.47E-04	4.54E-04	1.24E-03	2.43E-01	3.42E-04
Kentucky	Washington County	21229	R	0.00E+00	5.67E-01	6.07E-03	5.26E-02	4.15E-05	2.78E-01	7.51E-05	1.57E-11	6.43E-04	3.09E-03	1.21E-03	1.60E-01	4.60E-05
Kentucky	Wayne County	21231	R	0.00E+00	4.73E-01	6.08E-03	5.24E-02	7.33E-05	3.16E-01	7.50E-05	2.25E-10	3.85E-05	1.20E-04	1.19E-03	1.33E-01	6.03E-05
Kentucky	Webster County	21233	R	0.00E+00	5.74E-01	6.08E-03	5.25E-02	6.80E-05	2.98E-01	7.51E-05	6.28E-10	1.16E-04	8.25E-05	1.22E-03	1.30E-01	1.83E-04
Kentucky	Whitley County	21235	R	0.00E+00	4.81E-01	6.08E-03	5.25E-02	3.38E-04	3.91E-01	7.50E-05	7.42E-10	7.28E-05	1.19E-04	1.22E-03	1.40E-01	1.17E-04
Kentucky	Wolfe County	21237	R	0.00E+00	4.24E-01	6.08E-03	5.25E-02	1.45E-05	3.02E-01	7.49E-05	1.94E-12	1.06E-05	2.82E-05	1.19E-03	1.25E-01	8.99E-06
Kentucky	Woodford County	21239	U	0.00E+00	6.73E-01	6.07E-03	5.25E-02	1.89E-04	3.55E-01	7.51E-05	2.83E-10	6.20E-03	4.20E-04	1.24E-03	1.44E-01	1.55E-04

				Estimated Annual Median Exposure Concentrations (ug/m3) for Kentucky											
State	County	FIPS	Urban or Rural	PCBS	Perchloroethylene	POM (total)	Propylene Dichloride	Quinoline	Trichloroethylene	Vinyl Chloride					
Kentucky	Martin County	21159	R	3.00E-04	1.10E-01	7.17E-03	4.14E-06	9.22E-09	6.84E-02	9.33E-05					
Kentucky	Mason County	21161	R	3.00E-04	1.10E-01	5.16E-03	1.57E-05	6.16E-10	6.88E-02	3.32E-04					
Kentucky	Meade County	21163	R	2.99E-04	1.24E-01	1.00E-02	9.20E-06	1.10E-07	1.28E-01	1.18E-03					
Kentucky	Menifee County	21165	R	3.00E-04	1.09E-01	4.75E-03	3.24E-06	5.54E-10	6.87E-02	6.67E-05					
Kentucky	Mercer County	21167	R	3.00E-04	1.18E-01	8.42E-03	3.81E-06	2.40E-09	1.48E-01	7.10E-05					
Kentucky	Metcalfe County	21169	R	3.00E-04	1.07E-01	3.78E-03	1.01E-06	5.20E-09	6.79E-02	1.67E-05					
Kentucky	Monroe County	21171	R	3.00E-04	1.08E-01	3.77E-03	8.00E-07	2.84E-09	6.81E-02	1.21E-05					
Kentucky	Montgomery County	21173	R	3.00E-04	1.16E-01	7.44E-03	2.27E-05	7.28E-09	7.11E-02	4.80E-04					
Kentucky	Morgan County	21175	R	3.00E-04	1.08E-01	4.49E-03	7.63E-07	1.68E-10	6.77E-02	1.29E-05					
Kentucky	Muhlenberg County	21177	R	3.00E-04	1.11E-01	1.03E-02	7.40E-06	9.04E-08	7.18E-02	1.20E-04					
Kentucky	Nelson County	21179	R	3.00E-04	1.22E-01	7.79E-03	1.59E-05	3.77E-08	7.62E-02	4.75E-04					
Kentucky	Nicholas County	21181	R	3.00E-04	1.13E-01	4.79E-03	1.15E-05	1.02E-08	7.01E-02	1.31E-03					
Kentucky	Ohio County	21183	R	3.00E-04	1.10E-01	7.73E-03	1.45E-05	7.68E-09	7.22E-02	3.03E-04					
Kentucky	Oldham County	21185	U	3.01E-04	1.48E-01	2.64E-02	4.81E-05	3.06E-07	8.43E-02	2.67E-03					
Kentucky	Owen County	21187	R	3.00E-04	1.11E-01	4.55E-03	1.26E-05	3.76E-08	7.46E-02	1.04E-03					
Kentucky	Owsley County	21189	R	3.00E-04	1.07E-01	4.30E-03	1.43E-06	1.81E-10	6.79E-02	2.78E-05					
Kentucky	Pendleton County	21191	U	3.00E-04	1.17E-01	7.18E-03	5.05E-05	2.91E-08	7.95E-02	2.00E-03					
Kentucky	Perry County	21193	R	3.00E-04	1.11E-01	7.16E-03	1.03E-06	3.53E-09	6.91E-02	1.49E-05					
Kentucky	Pike County	21195	R	3.00E-04	1.13E-01	8.46E-03	4.19E-06	2.05E-10	6.87E-02	8.08E-05					
Kentucky	Powell County	21197	R	2.99E-04	1.13E-01	6.24E-03	5.06E-06	4.83E-09	7.60E-02	1.01E-04					
Kentucky	Pulaski County	21199	R	3.00E-04	1.14E-01	8.68E-03	3.40E-06	6.57E-08	7.12E-02	4.25E-05					
Kentucky	Robertson County	21201	R	2.99E-04	1.08E-01	4.01E-03	7.72E-06	8.60E-09	6.85E-02	1.66E-04					
Kentucky	Rockcastle County	21203	R	3.00E-04	1.09E-01	4.85E-03	3.09E-06	1.30E-08	7.68E-02	5.67E-05					
Kentucky	Rowan County	21205	R	3.00E-04	1.10E-01	8.27E-03	1.15E-05	1.04E-08	6.98E-02	2.41E-04					
Kentucky	Russell County	21207	R	3.00E-04	1.09E-01	4.71E-03	7.59E-07	4.74E-09	6.82E-02	1.07E-05					
Kentucky	Scott County	21209	U	3.00E-04	1.60E-01	1.03E-02	2.16E-05	1.32E-08	8.05E-02	5.58E-03					
Kentucky	Shelby County	21211	R	3.00E-04	1.29E-01	1.49E-02	3.16E-05	1.31E-07	1.19E-01	1.00E-03					
Kentucky	Simpson County	21213	R	3.00E-04	1.54E-01	1.17E-02	2.45E-06	2.96E-08	7.50E-02	3.57E-05					
Kentucky	Spencer County	21215	R	3.00E-04	1.26E-01	1.04E-02	4.21E-05	1.11E-07	8.14E-02	1.79E-03					
Kentucky	Taylor County	21217	R	3.00E-04	1.12E-01	6.38E-03	2.29E-06	1.21E-09	6.95E-02	4.27E-05					
Kentucky	Todd County	21219	R	3.00E-04	1.10E-01	4.35E-03	5.25E-06	8.84E-09	6.85E-02	1.05E-04					
Kentucky	Trigg County	21221	R	3.01E-04	1.11E-01	6.54E-03	5.90E-06	3.71E-08	6.87E-02	1.65E-04					
Kentucky	Trimble County	21223	R	3.00E-04	1.12E-01	1.03E-02	1.39E-05	8.50E-08	7.23E-02	4.73E-04					
Kentucky	Union County	21225	R	3.00E-04	1.13E-01	8.78E-03	1.14E-05	5.62E-08	1.46E-01	5.01E-04					
Kentucky	Warren County	21227	U	3.00E-04	2.07E-01	2.75E-02	7.54E-06	3.97E-07	1.07E-01	7.18E-05					
Kentucky	Washington County	21229	R	3.00E-04	1.15E-01	4.24E-03	2.61E-06	5.48E-10	8.11E-02	5.20E-05					
Kentucky	Wayne County	21231	R	3.00E-04	1.11E-01	6.00E-03	2.49E-06	6.46E-09	6.88E-02	4.85E-05					
Kentucky	Webster County	21233	R	3.00E-04	1.15E-01	7.42E-03	5.18E-06	1.42E-08	7.88E-02	1.27E-04					
Kentucky	Whitley County	21235	R	3.00E-04	1.13E-01	9.91E-03	3.97E-06	1.43E-08	7.02E-02	7.49E-05					
Kentucky	Wolfe County	21237	R	3.00E-04	1.07E-01	4.34E-03	9.78E-07	9.83E-11	6.76E-02	1.68E-05					
Kentucky	Woodford County	21239	U	3.00E-04	1.31E-01	6.93E-03	1.25E-05	6.45E-09	9.19E-02	8.45E-04					