

US EPA ARCHIVE DOCUMENT

1996 Modeled Exposure Concentrations for Arkansas

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

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

				Estimated Annual Median Exposure Concentrations (ug/m3) for Arkansas												
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
Arkansas	State Total	05000	-	3.03E-05	2.02E-02	1.26E-02	1.59E-01	3.80E-02	7.02E-05	3.91E-05	6.64E-01	1.86E-06	9.70E-06	6.41E-01	6.81E-02	2.00E-04
Arkansas	State Urban Counties	05000	U	5.75E-05	3.36E-02	2.83E-02	2.94E-01	5.24E-02	1.23E-04	3.16E-05	8.74E-01	4.13E-06	2.19E-05	6.41E-01	6.84E-02	8.34E-04
Arkansas	State Rural Counties	05000	R	1.30E-05	1.15E-02	5.00E-03	8.29E-02	2.76E-02	3.21E-05	4.84E-05	5.43E-01	7.82E-07	3.92E-06	6.40E-01	6.79E-02	5.11E-05
Arkansas	Arkansas County	05001	U	8.26E-06	1.05E-02	4.63E-03	6.73E-02	2.32E-02	1.89E-05	1.13E-05	5.14E-01	5.88E-07	7.58E-06	6.42E-01	6.79E-02	1.27E-05
Arkansas	Ashley County	05003	R	2.35E-05	8.19E-03	4.20E-03	6.34E-02	2.71E-02	5.07E-05	4.59E-05	5.07E-01	1.86E-06	1.51E-05	6.38E-01	6.83E-02	4.79E-05
Arkansas	Baxter County	05005	R	5.41E-05	2.25E-02	6.80E-03	1.05E-01	3.50E-02	1.02E-04	4.12E-05	6.53E-01	7.85E-07	2.71E-06	6.41E-01	6.79E-02	1.28E-05
Arkansas	Benton County	05007	U	4.82E-05	2.13E-02	2.28E-02	2.61E-01	4.78E-02	1.03E-04	1.18E-05	7.71E-01	3.17E-06	1.29E-05	6.41E-01	6.83E-02	3.12E-03
Arkansas	Boone County	05009	R	5.33E-07	6.93E-03	3.39E-03	6.11E-02	2.09E-02	7.44E-06	4.25E-05	5.08E-01	3.61E-07	1.13E-06	6.39E-01	6.83E-02	1.06E-05
Arkansas	Bradley County	05011	U	8.22E-06	3.92E-02	8.42E-03	1.18E-01	7.28E-02	2.02E-05	5.09E-05	6.64E-01	9.44E-07	3.02E-05	6.40E-01	6.80E-02	9.49E-05
Arkansas	Calhoun County	05013	R	8.38E-05	1.54E-02	2.58E-03	7.67E-02	4.40E-02	1.53E-04	8.33E-05	5.51E-01	5.12E-07	1.13E-05	6.39E-01	6.80E-02	2.95E-05
Arkansas	Carroll County	05015	R	2.20E-06	1.35E-02	5.89E-03	1.02E-01	2.94E-02	8.71E-06	4.84E-05	5.49E-01	7.00E-07	1.51E-06	6.39E-01	6.80E-02	8.30E-05
Arkansas	Chicot County	05017	U	1.23E-05	9.50E-03	6.05E-03	6.56E-02	1.86E-02	2.59E-05	6.64E-06	5.12E-01	7.93E-07	1.84E-06	6.39E-01	6.78E-02	2.78E-05
Arkansas	Clark County	05019	R	2.15E-07	2.41E-02	8.98E-03	1.05E-01	4.74E-02	5.59E-06	2.09E-04	5.90E-01	1.29E-06	7.75E-06	6.40E-01	6.79E-02	1.57E-04
Arkansas	Clay County	05021	R	1.09E-05	7.07E-03	5.97E-03	7.19E-02	1.46E-02	2.51E-05	5.75E-05	5.20E-01	6.93E-07	2.36E-06	6.39E-01	6.79E-02	5.25E-05
Arkansas	Cleburne County	05023	R	3.54E-06	1.11E-02	4.34E-03	8.92E-02	3.27E-02	1.53E-05	8.00E-05	5.47E-01	5.24E-07	2.33E-06	6.37E-01	6.79E-02	5.60E-05
Arkansas	Cleveland County	05025	R	1.32E-05	1.10E-02	3.49E-03	9.27E-02	4.18E-02	2.68E-05	6.32E-05	5.61E-01	1.01E-06	1.68E-05	6.45E-01	6.79E-02	4.62E-05
Arkansas	Columbia County	05027	R	1.22E-05	1.57E-02	8.56E-03	1.10E-01	4.40E-02	4.27E-05	6.88E-05	5.91E-01	1.11E-06	9.57E-06	6.40E-01	6.80E-02	1.34E-03
Arkansas	Conway County	05029	R	2.42E-05	1.06E-02	5.51E-03	1.04E-01	2.59E-02	5.02E-05	4.77E-05	5.56E-01	7.56E-07	5.17E-06	6.40E-01	6.79E-02	7.69E-04
Arkansas	Craighead County	05031	U	3.41E-05	1.28E-02	1.16E-02	2.59E-01	1.85E-02	7.41E-05	9.62E-06	5.75E-01	1.31E-06	5.07E-06	6.41E-01	6.83E-02	1.93E-04
Arkansas	Crawford County	05033	R	5.18E-05	1.79E-02	1.50E-02	2.85E-01	4.79E-02	1.05E-04	6.56E-05	7.51E-01	1.95E-06	1.01E-05	6.40E-01	6.81E-02	4.37E-04
Arkansas	Crittenden County	05035	U	4.27E-04	2.30E-02	1.84E-02	4.31E-01	4.21E-02	1.74E-03	1.27E-04	8.32E-01	3.97E-06	8.91E-04	6.41E-01	6.97E-02	2.73E-04
Arkansas	Cross County	05037	R	1.97E-05	6.29E-03	6.01E-03	7.34E-02	1.12E-02	4.36E-05	4.41E-05	5.00E-01	1.02E-06	3.83E-06	6.38E-01	6.79E-02	4.24E-05
Arkansas	Dallas County	05039	R	1.36E-05	7.44E-03	1.80E-03	6.11E-02	2.92E-02	2.68E-05	7.23E-05	4.98E-01	4.56E-07	5.47E-06	6.42E-01	6.79E-02	1.04E-04
Arkansas	Desha County	05041	U	3.67E-06	6.06E-03	5.01E-03	6.43E-02	1.48E-02	1.03E-05	1.54E-05	5.10E-01	8.81E-07	3.97E-06	6.41E-01	6.79E-02	1.39E-05
Arkansas	Drew County	05043	R	3.41E-06	3.20E-02	8.64E-03	1.01E-01	6.08E-02	1.17E-05	1.24E-04	6.21E-01	1.20E-06	4.93E-06	6.37E-01	6.79E-02	2.09E-05
Arkansas	Faulkner County	05045	U	5.04E-05	2.57E-02	2.78E-02	2.40E-01	4.10E-02	1.07E-04	2.00E-05	7.51E-01	2.76E-06	7.66E-06	6.43E-01	6.82E-02	8.74E-03
Arkansas	Franklin County	05047	R	2.74E-06	9.67E-03	3.09E-03	8.91E-02	2.77E-02	1.07E-05	2.81E-05	5.35E-01	4.49E-07	3.31E-06	6.36E-01	6.78E-02	2.04E-05
Arkansas	Fulton County	05049	R	1.61E-05	5.46E-03	1.83E-03	6.43E-02	1.78E-02	3.20E-05	3.02E-05	4.75E-01	1.90E-07	5.34E-07	6.41E-01	6.79E-02	1.13E-04
Arkansas	Garland County	05051	R	2.15E-05	2.75E-02	2.62E-02	1.95E-01	5.59E-02	4.94E-05	2.39E-05	7.30E-01	3.13E-06	6.83E-06	6.45E-01	6.82E-02	1.71E-03
Arkansas	Grant County	05053	R	2.23E-05	2.81E-02	8.78E-03	1.57E-01	5.66E-02	4.79E-05	2.64E-04	6.73E-01	1.45E-06	4.09E-05	6.40E-01	6.80E-02	7.11E-04
Arkansas	Greene County	05055	U	2.01E-05	1.72E-02	2.07E-02	1.74E-01	1.99E-02	4.79E-05	1.50E-05	6.07E-01	2.78E-06	6.13E-06	6.37E-01	6.80E-02	1.15E-04

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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
Arkansas	State Total	05000	-	0.00E+00	4.52E-01	6.08E-03	5.26E-02	2.21E-04	3.89E-01	7.51E-05	6.01E-09	5.71E-04	7.79E-04	1.22E-03	1.55E-01	2.51E-04
Arkansas	State Urban Counties	05000	U	0.00E+00	5.86E-01	6.08E-03	5.25E-02	5.99E-04	4.88E-01	7.51E-05	3.10E-08	1.84E-03	1.39E-03	1.24E-03	2.03E-01	6.08E-04
Arkansas	State Rural Counties	05000	R	0.00E+00	3.20E-01	6.08E-03	5.26E-02	6.32E-05	3.13E-01	7.51E-05	6.04E-10	1.91E-04	3.51E-04	1.20E-03	1.35E-01	8.10E-05
Arkansas	Arkansas County	05001	U	0.00E+00	6.36E-01	6.09E-03	5.25E-02	1.12E-04	2.88E-01	7.53E-05	1.78E-11	2.68E-04	3.37E-04	1.20E-03	1.30E-01	4.13E-05
Arkansas	Ashley County	05003	R	0.00E+00	2.81E-01	6.08E-03	5.25E-02	3.53E-05	2.99E-01	7.51E-05	2.34E-09	5.97E-04	2.56E-03	1.20E-03	1.30E-01	5.04E-05
Arkansas	Baxter County	05005	R	0.00E+00	3.11E-01	6.08E-03	5.25E-02	2.86E-03	3.44E-01	7.50E-05	8.63E-12	3.33E-04	1.08E-04	1.21E-03	1.37E-01	5.29E-05
Arkansas	Benton County	05007	U	0.00E+00	4.68E-01	6.08E-03	5.24E-02	4.46E-04	4.45E-01	7.51E-05	8.85E-09	7.17E-04	5.62E-04	1.22E-03	1.89E-01	4.76E-03
Arkansas	Boone County	05009	R	0.00E+00	2.21E-01	6.08E-03	5.25E-02	6.45E-05	2.73E-01	7.51E-05	1.10E-09	2.77E-03	2.54E-04	1.19E-03	1.53E-01	2.17E-05
Arkansas	Bradley County	05011	U	0.00E+00	2.95E-01	6.08E-03	5.27E-02	1.35E-04	5.08E-01	7.50E-05	9.05E-09	1.71E-04	5.10E-03	1.22E-03	1.36E-01	2.87E-04
Arkansas	Calhoun County	05013	R	0.00E+00	2.38E-01	6.13E-03	5.26E-02	3.17E-05	3.66E-01	7.51E-05	9.25E-08	2.07E-04	1.51E-03	1.20E-03	1.29E-01	2.88E-05
Arkansas	Carroll County	05015	R	0.00E+00	2.63E-01	6.08E-03	5.26E-02	1.25E-04	3.38E-01	7.51E-05	2.34E-10	6.57E-04	9.39E-05	1.19E-03	1.31E-01	9.66E-05
Arkansas	Chicot County	05017	U	0.00E+00	4.19E-01	6.08E-03	5.23E-02	1.17E-04	2.70E-01	7.52E-05	1.28E-10	4.79E-05	4.54E-05	1.19E-03	1.35E-01	5.67E-05
Arkansas	Clark County	05019	R	0.00E+00	3.27E-01	6.08E-03	5.24E-02	1.27E-04	4.16E-01	7.51E-05	3.92E-09	1.59E-04	2.93E-03	1.20E-03	1.42E-01	9.78E-05
Arkansas	Clay County	05021	R	0.00E+00	4.67E-01	6.08E-03	5.27E-02	8.18E-05	2.60E-01	7.52E-05	2.52E-09	4.37E-05	1.99E-04	1.20E-03	1.32E-01	2.30E-04
Arkansas	Cleburne County	05023	R	0.00E+00	3.04E-01	6.08E-03	5.27E-02	4.52E-05	3.22E-01	7.51E-05	9.70E-10	6.78E-05	8.09E-05	1.21E-03	1.35E-01	4.44E-05
Arkansas	Cleveland County	05025	R	0.00E+00	2.80E-01	6.07E-03	5.26E-02	4.91E-05	3.48E-01	7.50E-05	8.98E-11	1.13E-03	1.54E-03	1.20E-03	1.30E-01	6.35E-05
Arkansas	Columbia County	05027	R	0.00E+00	2.65E-01	6.08E-03	5.27E-02	1.65E-04	4.13E-01	7.50E-05	1.27E-07	1.27E-04	8.93E-04	1.20E-03	1.87E-01	2.97E-03
Arkansas	Conway County	05029	R	0.00E+00	3.22E-01	6.08E-03	5.26E-02	8.01E-05	3.07E-01	7.50E-05	2.24E-10	1.14E-04	1.31E-03	1.20E-03	1.41E-01	6.11E-05
Arkansas	Craighead County	05031	U	0.00E+00	5.98E-01	6.08E-03	5.26E-02	1.80E-04	3.22E-01	7.53E-05	2.23E-09	2.83E-04	3.80E-04	1.23E-03	1.43E-01	6.97E-04
Arkansas	Crawford County	05033	R	0.00E+00	4.02E-01	6.07E-03	5.25E-02	4.39E-04	4.54E-01	7.51E-05	2.69E-09	9.69E-03	1.11E-03	1.23E-03	3.54E-01	1.71E-04
Arkansas	Crittenden County	05035	U	0.00E+00	1.78E+00	6.08E-03	5.30E-02	1.29E-03	4.84E-01	7.76E-05	1.33E-05	2.37E-03	3.42E-04	1.45E-03	2.04E-01	5.28E-04
Arkansas	Cross County	05037	R	0.00E+00	6.80E-01	6.07E-03	5.50E-02	1.04E-04	2.53E-01	7.55E-05	5.12E-08	1.81E-04	2.73E-04	1.19E-03	1.35E-01	1.56E-04
Arkansas	Dallas County	05039	R	0.00E+00	2.46E-01	6.09E-03	5.27E-02	2.32E-05	3.03E-01	7.51E-05	3.76E-10	4.41E-04	2.70E-03	1.19E-03	1.26E-01	7.31E-05
Arkansas	Desha County	05041	U	0.00E+00	4.46E-01	6.07E-03	5.26E-02	3.17E-04	2.59E-01	7.52E-05	1.44E-09	1.77E-04	4.37E-05	1.19E-03	1.33E-01	3.75E-05
Arkansas	Drew County	05043	R	0.00E+00	3.96E-01	6.08E-03	5.24E-02	1.18E-04	4.46E-01	7.50E-05	5.70E-09	1.38E-04	4.80E-04	1.19E-03	2.63E-01	1.26E-04
Arkansas	Faulkner County	05045	U	0.00E+00	4.69E-01	6.09E-03	5.24E-02	2.01E-04	4.55E-01	7.49E-05	1.94E-08	6.35E-04	1.89E-03	1.23E-03	2.61E-01	4.73E-04
Arkansas	Franklin County	05047	R	0.00E+00	2.26E-01	6.07E-03	5.25E-02	3.58E-05	3.79E-01	7.51E-05	1.29E-09	1.86E-04	1.94E-04	1.20E-03	1.28E-01	5.05E-05
Arkansas	Fulton County	05049	R	0.00E+00	2.50E-01	6.08E-03	5.24E-02	1.68E-04	2.66E-01	7.51E-05	4.86E-12	2.09E-05	4.56E-05	1.19E-03	1.25E-01	9.53E-06
Arkansas	Garland County	05051	R	0.00E+00	3.81E-01	6.08E-03	5.25E-02	8.15E-04	4.52E-01	7.50E-05	1.20E-09	5.43E-04	2.45E-03	1.22E-03	1.77E-01	2.16E-04
Arkansas	Grant County	05053	R	0.00E+00	3.79E-01	6.08E-03	5.27E-02	7.15E-05	4.78E-01	7.51E-05	3.94E-09	3.57E-03	2.80E-02	1.22E-03	1.49E-01	2.84E-04
Arkansas	Greene County	05055	U	0.00E+00	6.57E-01	6.08E-03	5.27E-02	3.00E-04	3.17E-01	7.54E-05	3.61E-08	1.36E-04	2.80E-04	1.22E-03	1.66E-01	1.21E-02

1996 Modeled Exposure Concentrations for Arkansas

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

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

				Estimated Annual Median Exposure Concentrations (ug/m3) for Arkansas											
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					
Arkansas	State Total	05000	-	3.00E-04	1.27E-01	1.15E-02	4.77E-06	3.48E-08	7.32E-02	1.01E-04					
Arkansas	State Urban Counties	05000	U	3.00E-04	1.59E-01	2.23E-02	8.48E-06	1.42E-07	8.28E-02	2.08E-04					
Arkansas	State Rural Counties	05000	R	3.00E-04	1.12E-01	6.05E-03	1.94E-06	9.29E-09	6.93E-02	3.59E-05					
Arkansas	Arkansas County	05001	U	3.00E-04	1.12E-01	5.01E-03	1.05E-06	6.31E-10	6.89E-02	1.94E-05					
Arkansas	Ashley County	05003	R	3.00E-04	1.13E-01	5.71E-03	3.34E-06	3.13E-08	6.83E-02	5.91E-05					
Arkansas	Baxter County	05005	R	3.00E-04	1.12E-01	6.89E-03	6.21E-06	3.29E-10	6.97E-02	1.28E-04					
Arkansas	Benton County	05007	U	3.00E-04	1.40E-01	1.81E-02	6.64E-06	7.84E-08	7.67E-02	1.15E-04					
Arkansas	Boone County	05009	R	3.00E-04	1.09E-01	4.17E-03	3.62E-07	7.79E-09	6.85E-02	2.62E-06					
Arkansas	Bradley County	05011	U	3.00E-04	1.12E-01	1.64E-02	1.32E-06	3.35E-08	6.88E-02	2.11E-05					
Arkansas	Calhoun County	05013	R	3.01E-04	1.09E-01	6.85E-03	1.06E-05	1.36E-07	6.85E-02	2.01E-04					
Arkansas	Carroll County	05015	R	3.00E-04	1.10E-01	6.88E-03	4.37E-07	7.24E-09	6.87E-02	5.31E-06					
Arkansas	Chicot County	05017	U	3.00E-04	1.13E-01	5.51E-03	1.52E-06	2.75E-09	6.84E-02	2.94E-05					
Arkansas	Clark County	05019	R	3.00E-04	1.18E-01	1.09E-02	3.66E-07	1.29E-08	7.04E-02	9.12E-07					
Arkansas	Clay County	05021	R	3.00E-04	1.13E-01	5.20E-03	1.50E-06	1.14E-08	6.96E-02	3.88E-04					
Arkansas	Cleburne County	05023	R	3.00E-04	1.15E-01	5.47E-03	1.13E-06	3.70E-08	6.82E-02	9.67E-06					
Arkansas	Cleveland County	05025	R	3.00E-04	1.20E-01	6.88E-03	1.59E-06	2.77E-09	6.84E-02	3.19E-05					
Arkansas	Columbia County	05027	R	3.00E-04	1.22E-01	9.85E-03	6.70E-06	6.06E-07	7.00E-02	3.75E-05					
Arkansas	Conway County	05029	R	3.00E-04	1.10E-01	6.13E-03	2.98E-06	6.24E-09	7.31E-02	5.77E-05					
Arkansas	Craighead County	05031	U	3.00E-04	1.33E-01	7.97E-03	4.35E-06	1.20E-08	9.03E-02	3.22E-04					
Arkansas	Crawford County	05033	R	3.00E-04	1.32E-01	1.27E-02	6.37E-06	2.79E-08	7.23E-02	1.79E-04					
Arkansas	Crittenden County	05035	U	3.00E-04	1.46E-01	1.68E-02	5.24E-05	2.90E-07	8.16E-02	1.05E-03					
Arkansas	Cross County	05037	R	3.00E-04	1.12E-01	3.92E-03	3.51E-06	3.77E-08	6.90E-02	5.03E-05					
Arkansas	Dallas County	05039	R	3.01E-04	1.07E-01	4.06E-03	1.69E-06	1.49E-08	6.80E-02	3.23E-05					
Arkansas	Desha County	05041	U	3.00E-04	1.17E-01	4.26E-03	5.63E-07	4.98E-09	6.85E-02	9.52E-06					
Arkansas	Drew County	05043	R	3.00E-04	1.28E-01	1.31E-02	7.02E-07	1.74E-08	7.00E-02	8.94E-05					
Arkansas	Faulkner County	05045	U	3.00E-04	1.43E-01	1.85E-02	7.31E-06	1.17E-07	8.25E-02	1.52E-04					
Arkansas	Franklin County	05047	R	3.00E-04	1.09E-01	5.58E-03	5.97E-07	1.40E-08	7.51E-02	9.38E-06					
Arkansas	Fulton County	05049	R	3.00E-04	1.07E-01	2.90E-03	1.91E-06	1.26E-10	6.79E-02	3.97E-05					
Arkansas	Garland County	05051	R	3.00E-04	1.84E-01	2.05E-02	2.84E-06	1.08E-08	7.60E-02	5.10E-05					
Arkansas	Grant County	05053	R	3.00E-04	1.19E-01	1.30E-02	3.06E-06	3.79E-08	6.92E-02	5.92E-05					
Arkansas	Greene County	05055	U	3.00E-04	1.44E-01	1.38E-02	3.57E-06	1.12E-07	9.10E-02	1.09E-03					

				Estimated Annual Median Exposure Concentrations (ug/m3) for Arkansas											
State	County	FIPS	Urban or Rural	PCBS	Perchloroethylene	POM (total)	Propylene Dichloride	Quinoline	Trichloroethylene	Vinyl Chloride					
Arkansas	Hempstead County	05057	R	3.00E-04	1.10E-01	5.25E-03	1.83E-06	5.77E-08	6.90E-02	2.35E-05					
Arkansas	Hot Spring County	05059	R	3.00E-04	1.19E-01	1.43E-02	4.16E-06	7.10E-08	6.99E-02	5.72E-05					
Arkansas	Howard County	05061	R	3.00E-04	1.10E-01	3.81E-03	5.32E-06	5.36E-09	6.77E-02	1.12E-04					
Arkansas	Independence County	05063	R	3.00E-04	1.14E-01	1.17E-02	7.88E-06	7.36E-07	7.23E-02	3.97E-05					
Arkansas	Izard County	05065	R	3.01E-04	1.07E-01	2.68E-03	6.47E-07	7.79E-09	6.78E-02	9.33E-06					
Arkansas	Jackson County	05067	R	3.00E-04	1.10E-01	4.08E-03	3.52E-06	3.48E-08	6.82E-02	6.57E-05					
Arkansas	Jefferson County	05069	U	3.00E-04	1.96E-01	1.72E-02	6.52E-06	1.24E-09	7.21E-02	1.35E-04					
Arkansas	Johnson County	05071	R	3.00E-04	1.14E-01	8.78E-03	5.66E-07	1.83E-09	3.87E-01	6.87E-06					
Arkansas	Lafayette County	05073	R	3.00E-04	1.07E-01	4.91E-03	2.02E-06	2.01E-08	6.82E-02	3.55E-05					
Arkansas	Lawrence County	05075	R	3.00E-04	1.11E-01	2.97E-03	2.00E-06	2.66E-09	7.21E-02	3.90E-05					
Arkansas	Lee County	05077	R	3.00E-04	1.08E-01	2.13E-03	1.31E-06	2.35E-08	6.80E-02	2.15E-05					
Arkansas	Lincoln County	05079	R	3.00E-04	1.13E-01	4.61E-03	9.66E-07	1.16E-09	6.84E-02	2.32E-05					
Arkansas	Little River County	05081	R	3.00E-04	1.10E-01	4.80E-03	3.10E-06	1.03E-08	6.85E-02	5.79E-05					
Arkansas	Logan County	05083	R	3.01E-04	1.12E-01	7.41E-03	1.00E-06	2.50E-08	7.78E-02	1.38E-05					
Arkansas	Lonoke County	05085	U	3.00E-04	1.27E-01	7.36E-03	5.99E-06	8.71E-08	7.59E-02	1.33E-04					
Arkansas	Madison County	05087	R	3.00E-04	1.10E-01	4.77E-03	5.90E-07	5.89E-09	6.84E-02	8.16E-06					
Arkansas	Marion County	05089	R	3.00E-04	1.07E-01	3.13E-03	5.78E-07	8.86E-09	6.80E-02	8.29E-06					
Arkansas	Miller County	05091	U	3.00E-04	1.92E-01	3.22E-02	4.97E-06	2.42E-07	7.80E-02	4.98E-05					
Arkansas	Mississippi County	05093	U	3.00E-04	1.41E-01	1.54E-02	7.23E-06	6.62E-08	9.18E-02	1.49E-04					
Arkansas	Monroe County	05095	R	3.00E-04	1.08E-01	2.97E-03	1.13E-06	4.76E-10	6.81E-02	2.12E-05					
Arkansas	Montgomery County	05097	R	3.00E-04	1.11E-01	3.95E-03	2.83E-07	2.35E-10	6.77E-02	2.82E-06					
Arkansas	Nevada County	05099	R	3.00E-04	1.08E-01	3.91E-03	1.09E-06	4.79E-08	6.86E-02	1.24E-05					
Arkansas	Newton County	05101	R	3.00E-04	1.06E-01	3.18E-03	1.10E-07	4.86E-10	6.78E-02	9.51E-07					
Arkansas	Ouachita County	05103	R	3.00E-04	1.21E-01	1.45E-02	9.59E-06	1.24E-07	7.07E-02	1.63E-04					
Arkansas	Perry County	05105	R	3.01E-04	1.10E-01	5.57E-03	2.29E-06	7.16E-09	7.28E-02	4.42E-05					
Arkansas	Phillips County	05107	U	3.00E-04	1.20E-01	2.32E-02	1.14E-05	1.16E-06	7.20E-02	4.45E-05					
Arkansas	Pike County	05109	R	3.00E-04	1.08E-01	4.20E-03	6.84E-07	2.31E-10	6.81E-02	1.16E-05					
Arkansas	Poinsett County	05111	R	3.00E-04	1.11E-01	2.58E-03	2.58E-06	4.69E-09	8.56E-02	5.10E-05					
Arkansas	Polk County	05113	R	3.00E-04	1.07E-01	4.23E-03	5.47E-07	2.57E-09	6.77E-02	7.63E-06					
Arkansas	Pope County	05115	U	3.00E-04	1.17E-01	8.12E-03	2.12E-06	2.19E-08	7.26E-02	2.88E-05					
Arkansas	Prairie County	05117	R	3.00E-04	1.08E-01	2.05E-03	6.21E-06	1.39E-09	6.82E-02	1.31E-04					
Arkansas	Pulaski County	05119	U	3.00E-04	2.27E-01	3.62E-02	2.57E-05	1.14E-06	1.16E-01	6.60E-04					
Arkansas	Randolph County	05121	R	3.00E-04	1.11E-01	3.78E-03	1.30E-06	1.02E-09	9.71E-02	4.57E-05					
Arkansas	St. Francis County	05123	R	3.00E-04	1.38E-01	7.45E-03	6.85E-06	2.64E-08	6.95E-02	1.40E-04					
Arkansas	Saline County	05125	U	3.00E-04	1.39E-01	2.40E-02	2.14E-05	2.69E-07	8.74E-02	4.66E-04					
Arkansas	Scott County	05127	R	3.00E-04	1.07E-01	4.16E-03	4.29E-07	4.62E-09	6.79E-02	7.40E-06					
Arkansas	Searcy County	05129	R	3.00E-04	1.07E-01	2.73E-03	2.85E-07	3.03E-10	6.72E-02	4.60E-06					
Arkansas	Sebastian County	05131	U	3.00E-04	1.86E-01	2.92E-02	5.77E-06	1.42E-07	8.48E-02	3.83E-04					
Arkansas	Sevier County	05133	R	3.00E-04	1.08E-01	3.87E-03	1.96E-06	5.49E-10	6.78E-02	3.83E-05					
Arkansas	Sharp County	05135	R	3.00E-04	1.07E-01	3.03E-03	7.50E-07	6.87E-10	6.89E-02	1.04E-05					
Arkansas	Stone County	05137	R	3.00E-04	1.07E-01	3.56E-03	6.99E-07	9.37E-09	6.78E-02	1.16E-05					
Arkansas	Union County	05139	R	3.00E-04	1.49E-01	2.86E-02	2.46E-05	2.06E-06	7.87E-02	1.74E-04					
Arkansas	Van Buren County	05141	R	3.00E-04	1.07E-01	3.57E-03	1.12E-06	3.94E-10	6.82E-02	2.16E-05					
Arkansas	Washington County	05143	U	3.00E-04	1.65E-01	2.11E-02	1.19E-05	1.90E-07	7.79E-02	1.95E-04					
Arkansas	White County	05145	R	3.00E-04	1.18E-01	6.94E-03	1.94E-06	2.41E-09	7.12E-02	3.38E-05					
Arkansas	Woodruff County	05147	R	3.00E-04	1.08E-01	1.92E-03	9.16E-07	1.06E-09	6.77E-02	1.75E-05					
Arkansas	Yell County	05149	R	3.00E-04	1.10E-01	6.11E-03	1.55E-06	3.97E-09	7.15E-02	2.95E-05					