

US EPA ARCHIVE DOCUMENT

1996 Modeled Exposure Concentrations for Delaware

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- 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)
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				Estimated Annual Median Exposure Concentrations (ug/m3) for Delaware												
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
Delaware	State Total	10000	-	1.40E-04	6.98E-02	6.86E-02	7.33E-01	9.93E-02	5.21E-04	1.30E-04	1.40E+00	1.55E-05	1.48E-04	6.41E-01	7.16E-02	1.11E-03
Delaware	State Urban Counties	10000	U	1.95E-04	8.35E-02	8.52E-02	8.10E-01	1.09E-01	5.22E-04	1.45E-04	1.57E+00	1.84E-05	1.59E-04	6.40E-01	7.25E-02	1.36E-03
Delaware	State Rural Counties	10000	R	5.53E-05	1.55E-02	1.16E-02	1.71E-01	2.31E-02	5.03E-04	1.46E-05	6.16E-01	2.00E-06	6.11E-06	6.41E-01	6.81E-02	6.62E-05
Delaware	Kent County	10001	R	6.19E-05	2.62E-02	1.74E-02	2.25E-01	3.38E-02	1.65E-03	1.46E-05	6.48E-01	4.66E-06	1.01E-05	6.41E-01	6.82E-02	4.20E-05
Delaware	New Castle County	10003	U	1.95E-04	8.35E-02	8.52E-02	8.10E-01	1.09E-01	5.22E-04	1.45E-04	1.57E+00	1.84E-05	1.59E-04	6.40E-01	7.25E-02	1.36E-03
Delaware	Sussex County	10005	R	4.20E-05	1.05E-02	9.85E-03	1.41E-01	1.88E-02	1.04E-04	1.45E-05	5.83E-01	1.63E-06	5.22E-06	6.41E-01	6.80E-02	8.20E-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
Delaware	State Total	10000	-	0.00E+00	1.98E+00	6.08E-03	5.32E-02	4.05E-03	9.12E-01	7.51E-05	2.91E-07	2.45E-03	8.62E-04	1.70E-03	3.10E-01	2.95E-03
Delaware	State Urban Counties	10000	U	0.00E+00	2.17E+00	6.08E-03	5.40E-02	5.40E-03	9.81E-01	7.51E-05	4.23E-07	3.07E-03	9.33E-04	1.74E-03	3.58E-01	3.68E-03
Delaware	State Rural Counties	10000	R	0.00E+00	1.17E+00	6.08E-03	5.24E-02	1.84E-04	3.53E-01	7.51E-05	4.02E-08	1.24E-04	1.34E-04	1.23E-03	1.40E-01	9.85E-05
Delaware	Kent County	10001	R	0.00E+00	1.32E+00	6.08E-03	5.24E-02	3.60E-04	3.84E-01	7.52E-05	4.16E-08	1.11E-04	1.90E-04	1.23E-03	1.47E-01	2.20E-04
Delaware	New Castle County	10003	U	0.00E+00	2.17E+00	6.08E-03	5.40E-02	5.40E-03	9.81E-01	7.51E-05	4.23E-07	3.07E-03	9.33E-04	1.74E-03	3.58E-01	3.68E-03
Delaware	Sussex County	10005	R	0.00E+00	9.08E-01	6.08E-03	5.22E-02	1.29E-04	3.11E-01	7.50E-05	2.12E-08	1.70E-04	1.27E-04	1.22E-03	1.37E-01	9.13E-05

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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					
Delaware	State Total	10000	-	3.00E-04	2.41E-01	3.61E-02	2.32E-05	5.40E-07	9.94E-02	1.66E-02					
Delaware	State Urban Counties	10000	U	3.01E-04	2.79E-01	4.25E-02	3.25E-05	7.56E-07	1.15E-01	1.84E-02					
Delaware	State Rural Counties	10000	R	3.00E-04	1.18E-01	8.98E-03	9.30E-06	1.73E-07	7.12E-02	1.50E-04					
Delaware	Kent County	10001	R	3.00E-04	1.28E-01	1.14E-02	1.04E-05	1.73E-07	7.45E-02	2.94E-03					
Delaware	New Castle County	10003	U	3.01E-04	2.79E-01	4.25E-02	3.25E-05	7.56E-07	1.15E-01	1.84E-02					
Delaware	Sussex County	10005	R	3.00E-04	1.13E-01	8.66E-03	8.56E-06	1.94E-07	6.99E-02	1.17E-04					