

US EPA ARCHIVE DOCUMENT

Other Monitored Toxic Air Pollutants

Monitoring Results

[illegible]

Antimony (Nanograms/cubic meter)	2000	0.3		0.09	0.09	0.07	0.17	0.1	0.14	0.27	0.13	0.07	0.05	0.29	0.09	0.07	0.28	2.3	0.89	0.18
Arsenic (Nanograms/cubic meter)	150	0.59		0.28	0.13	0.25	0.19	0.19	0.53	0.48	0.91	0.32	0.18	0.52	0.17	0.14	0.04	0.36	0.57	0.19
Benzene (Micrograms/cubic meter)**	30	0.19		--	--	--	0.422	--	--	--	0.371	0.502	0.806	0.508	0.21	0.489	0.21	0.527	0.585	0.47
Benzyl chloride (Micrograms/cubic meter)	140	ND		--	--	--	ND	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beryllium (Nanograms/cubic meter)	20	ND		ND	ND	ND	0.005	ND	ND	0.05	ND	0.03	0.005	ND	ND	ND	ND	ND	0.003	ND
Bromoform (Micrograms/cubic meter)	6400	ND		--	--	--	ND	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane (Micrograms/cubic meter)**	200	0.066		--	--	--	0.047	--	--	--	0.039	0.03	0.03	0.03	0.03	0.03	0.02	0.039	0.03	ND
Cadmium (Nanograms/cubic meter)	30	0.03		0.02	0.005	0.02	0.07	0.009	0.04	0.08	0.06	0.04	0.03	0.14	0.02	0.02	0.08	0.03	0.08	0.2
Carbon disulfide (Micrograms/cubic meter)**	7000	0.16		--	--	--	0.24	--	--	--	0.056	0.034	0.037	0.02	0.069	0.041	0.02	0.053	0.02	0.031
Carbon tetrachloride (Micrograms/cubic meter)**	200	0.787		--	--	--	0.963	--	--	--	0.636	0.825	0.743	0.692	0.58	0.57	0.54	0.743	0.642	0.667
Chlorobenzene (Micrograms/cubic meter)	10000	ND		--	--	--	ND	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane (Micrograms/cubic meter)**	40000	0.032		--	--	--	0.02	--	--	--	0.02	0.053	0.02	0.01	0.026	0.02	0.01	ND	ND	ND
Chloroform (Micrograms/cubic meter)**	500	0.12		--	--	--	0.13	--	--	--	0.15	0.15	0.11	0.093	0.078	0.12	ND	0.14	0.093	0.11
Chloromethane (Micrograms/cubic meter)**	1000	1.86		--	--	--	1.4	--	--	--	1.09	1.65	1.45	0.994	0.88	0.938	0.833	1.18	1.05	0.868
Chloroprene (Micrograms/cubic meter)	200	ND		--	--	--	ND	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt (Nanograms/cubic meter)	100	0.008		0.06	0.0009	0.07	0.17	0.06	0.01	0.1	ND	ND	0.001	0.07	ND	0.008	ND	ND	0.02	0.03

Dichloromethane (Micrograms/cubic meter)**	2000	0.601		--	--	--	0.28	--	--	--	0.26	0.19	0.25	0.22	0.17	0.19	0.15	0.23	0.21	0.29
Ethyl acrylate (Micrograms/cubic meter)	7000	ND		--	--	--	ND	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene (Micrograms/cubic meter)**	40000	0.15		--	--	--	0.083	--	--	--	0.07	0.087	0.074	0.078	0.03	0.065	0.03	0.083	0.091	0.061
Ethylene dibromide (Micrograms/cubic meter)	12	ND		--	--	--	ND	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylene dichloride (Micrograms/cubic meter)	270	ND		--	--	--	ND	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Formaldehyde (Micrograms/cubic meter)	50		0.884	--	1.4	1.17	3.64	1.89	1.02	1.12	0.908	1.19	1.15	2.52	2.24	1.63	1.67	1.01	0.995	2.35
Hexachlorobutadien e (Micrograms/cubic meter)	320	ND		--	--	--	ND	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Mercury (Nanograms/cubic meter)	3000	ND		ND	ND	0.00005	ND	0.01	ND	0.04	0.02	0.04	0.01	ND	0.0004	0.006	0.02	0.002	0.02	0.01
Methyl chloroform (Micrograms/cubic meter)**	10000	0.093		--	--	--	0.093	--	--	--	0.066	0.066	0.071	0.055	0.06	0.06	0.05	0.082	0.055	0.055
Methyl isobutyl ketone (Micrograms/cubic meter)**	30000	0.894		--	--	--	0.418	--	--	--	0.35	0.1	0.18	0.34	ND	0.16	0.13	0.4	ND	0.15
Methyl methacrylate (Micrograms/cubic meter)	7000	ND		--	--	--	ND	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl tert-butyl ether (Micrograms/cubic meter)	7000	ND		--	--	--	ND	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel (Nanograms/cubic meter)	200	0.21		0.25	0.05	0.25	0.59	0.55	0.27	0.19	ND	0.51	ND	ND	0.09	0.06	ND	ND	0.75	0.39
Propionaldehyde (Micrograms/cubic meter)	80		0.12	--	0.11	0.09	0.28	0.093	0.081	0.071	0.071	0.076	0.09	0.14	0.069	0.078	0.071	0.074	0.069	0.13

Selenium (Nanograms/cubic meter)	20000	0.05		0.06	0.02	0.55	0.61	0.69	ND	0.14	0.15	0.04	0.08	0.1	0.07	0.08	0.13	0.08	0.26	ND
Styrene (Micrograms/cubic meter)	9000	0.16		--	--	--	0.04	--	--	--	0.068	0.077	0.047	0.04	0.03	0.068	ND	0.03	0.047	ND
Tetrachloroethylene (Micrograms/cubic meter)**	1400	0.088		--	--	--	0.081	--	--	--	0.088	0.06	0.05	0.03	ND	ND	ND	ND	ND	ND
Toluene (Micrograms/cubic meter)**	4000	1.07		--	--	--	0.468	--	--	--	0.464	0.415	0.426	0.475	0.21	0.36	0.17	0.437	0.479	0.396
Trichloroethylene (Micrograms/cubic meter)	10000	ND		--	--	--	ND	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride (Micrograms/cubic meter)	1000	0.02		--	--	--	ND	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene (Micrograms/cubic meter)**	9000	0.12		--	--	--	0.078	--	--	--	0.078	0.083	0.061	0.065	0.03	0.048	ND	0.061	0.065	0.048

ND = Pollutant Not Detected
— = Sample not taken or invalid

The sample screening level is a level of pollution in the air that is below what we expect to cause health problems from short-term exposures

(Results are for metals in air samples of particulate matter 10 micrograms in diameter and smaller (PM10) collected over a 24-hour period to obtain an average concentration during that day.)

[** EPA has replaced some data that previously were incorrectly reported. See the changes here.](#)