

CBSA Trends

			O3	4th Max	6	0.095	0.087	0.082	0.082	0.082	0.092	0.087	0.091	0.088	0.089	0.091	0.079	0.078	0.089	0.081	0.087	0.088	0.08	0.072		
			PM10	2nd Max	1	53	70	47	42	55	56	51	70	74	78	68	61	69	53	64	72	79	75	63		
			PM25	Weighted Annual Mean	5																					
			SO2	Annual Mean	1	0.0053	0.0085	0.0078	0.0058	0.0078	0.006	0.0063	0.0061	0.0071	0.0058	0.0064	0.0058	0.0087	0.0054	0.0069	0.008	0.0056	0.0051	0.0045		
Bay City, MI			PM25	Weighted Annual Mean	1																					
Beaumont-Port Arthur, TX			NO2	Annual Mean	2	0.009	0.01	0.011	0.009	0.01	0.01	0.01	0.01	0.008	0.01	0.008	0.009	0.008	0.008	0.008	0.008	0.008	0.008	0.007	0.007	
Beaver Dam, WI			O3	4th Max	3	0.087	0.097	0.094	0.088	0.081	0.098	0.082	0.092	0.086	0.072	0.091	0.077	0.078	0.082	0.08	0.079	0.083	0.075	0.069		
Beckley, WV			SO2	Annual Mean	2	0.0086	0.008	0.0056	0.0061	0.0055	0.0046	0.0055	0.0048	0.0046	0.0047	0.0037	0.0032	0.0037	0.0032	0.0033	0.0032	0.0026	0.0026	0.0026		
Bellefontaine, OH			PM25	Weighted Annual Mean	1																					
Bellingham, WA			Pb	rqmax	4	0.79	0.34	0.23	0.25	0.19	0.19	0.13	0.15	0.14	0.14	0.15	0.11	0.12	0.16	0.2	0.18	0.21	0.2	0.14		
Bennington, VT			O3	4th Max	1	0.061	0.058	0.056	0.058	0.059	0.054	0.062	0.052	0.056	0.05	0.052	0.05	0.053	0.056	0.062	0.055	0.055	0.055	0.055	0.055	
Billings, MT			PM25	Weighted Annual Mean	1																					
Birmingham-Hoover, AL			SO2	Annual Mean	4	0.0156	0.0155	0.0203	0.0209	0.0153	0.0128	0.0092	0.0065	0.0055	0.0052	0.0048	0.0052	0.0054	0.0046	0.0042	0.0032	0.0029	0.0027	0.0027		
Bishop, CA			CO	2nd Max	2	6.8	7	7.5	7.3	6.7	6.6	5.3	6	4.4	4.7	4.1	5.6	3.9	3.2	3.4	2.8	3.2	2.2	2.3		
Bismarck, ND			O3	4th Max	6	0.093	0.075	0.083	0.082	0.077	0.096	0.093	0.083	0.098	0.095	0.091	0.083	0.084	0.077	0.073	0.082	0.085	0.09	0.078		
Boise City-Nampa, ID			PM10	2nd Max	4	69	76.3	56.3	61.5	51.5	53.8	45.8	61.8	48.5	59.8	93.5	68.8	47	48.3	51.8	55.5	49	57.3	42.3		
Boston-Cambridge-Quincy, MA-NH			PM25	Weighted Annual Mean	8																					
Boulder, CO			SO2	Annual Mean	1	0.0077	0.0069	0.007	0.0088	0.0069	0.0056	0.0039	0.0057	0.0065	0.0087	0.0098	0.0042	0.0044	0.006	0.0028	0.0034	0.0029	0.003	0.0028		
Bowling Green, KY			PM10	2nd Max	1	69	64	38	188	80	337	143	55	91	36	65	37	122	118	62	62	47	47	47		
Bozeman, MT			PM25	Weighted Annual Mean	1																					
Bradenton-Sarasota-Venice, FL			PM25	Weighted Annual Mean	2																					
Bridgeport-Stamford-Norwalk, CT			CO	2nd Max	1	6.2	6.9	5.6	6.5	5.3	5.9	5.1	5.3	5.6	5	4.3	3.4	3.4	2.8	2.3	2.5	2.2	2.3	2.3		
Brownsville-Harlingen, TX			O3	4th Max	2	0.075	0.073	0.073	0.078	0.079	0.076	0.075	0.08	0.09	0.084	0.084	0.084	0.072	0.079	0.082	0.076	0.077	0.074	0.069		
Brooklyn-Bronx, NY			PM10	2nd Max	3	48.3	52	66	77	47.7	39.7	38.7	39	41.7	36.7	36	46	35.7	32.3	31.7	30	40.3	40	40		
Buffalo-Niagara Falls, NY			PM25	Weighted Annual Mean	2																					
Burlington, NC			CO	2nd Max	1	6.3	6	5.5	5.2	6.2	5.4	4.1	5.1	3.8	3.8	3	3.1	3.2	2.6	2.2	2.5	1.9	1.9			
Burlington-South Burlington, VT			O3	4th Max	3	0.106	0.109	0.087	0.103	0.098	0.103	0.09	0.103	0.093	0.103	0.088	0.099	0.105	0.095	0.081	0.094	0.093	0.089	0.084		
Butte-Silver Bow, MT			PM10	2nd Max	1	52	56	44	50	62	57	35	51	46	41	51	48	45	49	38	41	61	43	49		
Cape Coral-Fort Myers, FL			PM25	Weighted Annual Mean	4																					
Carlsbad-Artesia, NM			SO2	Annual Mean	2	0.01	0.0098	0.0086	0.0078	0.008	0.0055	0.0052	0.0059	0.0056	0.0049	0.0045	0.0056	0.0042	0.0043	0.0041	0.0045	0.0038	0.0026			
Cedar Rapids, IA			PM25	Weighted Annual Mean	1																					
Charleston, WV			CO	2nd Max	1	3.5	4.1	4.9	3.2	4.2	2.6	7.8	2.4	2.5	2	1.8	1.9	1.8	2.4	1.4	1.6	1.7	1.1	1		
Charleston-North Charleston, SC			O3	4th Max	2	0.085	0.087	0.079	0.09	0.084	0.093	0.085	0.083	0.096	0.09	0.084	0.089	0.096	0.087	0.075	0.081	0.077	0.086	0.077		
Champaign-Urbana, IL			PM25	Weighted Annual Mean	1																					
Charleston, WV			SO2	Annual Mean	2	0.013	0.013	0.012	0.012	0.011	0.011	0.01	0.011	0.01	0.011	0.011	0.01	0.01	0.01	0.01	0.01	0.01	0.009	0.008	0.009	
Charleston-North Charleston, SC			PM10	2nd Max	2	67	67	66	46.5	61.5	44.5	44.5	38.5	50.5	44	43.5	53.5	36	37.5	37.5	43	37	43.5	32		

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			PM25	Weighted Annual Mean	3	16	16	15.6	15.3	15.1	13.5	16.5	14	14	12.6			
Fairbanks, AK		SO2	Annual Mean	5	0.0122	0.0116	0.0117	0.0113	0.012	0.0109	0.0097	0.0095	0.0099	0.0061	0.0065	0.0057		
		CO	2nd Max	2	9.7	9.6	9.6	9.6	10	11.7	8.6	11.4	9.5	10.1	8.6	6.2		
		PM25	Weighted Annual Mean	1														
Fairmont, WV		PM25	Weighted Annual Mean	1														
Fajardo, PR		PM10	2nd Max	1	53	53	83	64	66	45	48	100	91	82	84	74		
Fargo, ND-MN		PM25	Weighted Annual Mean	1														
Farmington, NM		PM25	Weighted Annual Mean	1														
		PM10	2nd Max	1	40	64	33	28	30	30	30	26	28	35	27	27		
		PM25	Weighted Annual Mean	1														
		SO2	Annual Mean	1	0.0097	0.0089	0.0139	0.0125	0.0134	0.0134	0.0126	0.0162	0.0163	0.0099	0.0077	0.0037	0.0031	
Fayetteville, NC		CO	2nd Max	1	7.4	6.3	6.7	6.3	6	5.4	4.1	6	4.2	4.5	3.9	3.2		
		O3	4th Max	1	0.087	0.078	0.079	0.093	0.084	0.081	0.086	0.085	0.093	0.1	0.086	0.081	0.094	
Findlay, OH		PM25	Weighted Annual Mean	1														
Flagstaff, AZ		PM10	2nd Max	3	43.3	43.3	43.3	42	43.7	43.3	41.3	46.3	42.3	30.7	39	38		
Flint, MI		O3	4th Max	1	0.072	0.073	0.074	0.066	0.073	0.069	0.075	0.072	0.072	0.076	0.071	0.07	0.073	
Florence, SC		PM25	Weighted Annual Mean	1														
Florence-Muscle Shoals, AL		PM25	Weighted Annual Mean	1														
Fort Collins-Loveland, CO		SO2	Annual Mean	1	0.0045	0.004	0.0036	0.0043	0.0033	0.0032	0.0032	0.0033	0.0029	0.0032	0.0028	0.0026	0.0021	0.0022
		CO	2nd Max	1	7	9.8	6.9	6.6	6	5.2	5.1	5.2	4.1	5.1	3.8	3	2.9	
		O3	4th Max	2	0.076	0.08	0.07	0.07	0.075	0.081	0.087	0.083	0.089	0.092	0.073	0.091	0.089	0.089
Fort Payne, AL		PM25	Weighted Annual Mean	1														
Fort Smith, AR-OK		PM25	Weighted Annual Mean	1														
Fort Wayne, IN		O3	4th Max	2	0.086	0.088	0.088	0.081	0.094	0.094	0.091	0.087	0.089	0.086	0.078	0.095	0.087	
Frankfort, KY		PM25	Weighted Annual Mean	2														
Fresno, CA		PM25	Weighted Annual Mean	1														
		CO	2nd Max	4	5.7	6.1	4.6	4.2	4.9	4.2	4.2	3.5	3.5	3.4	3.4	3.1	2.8	
		NO2	Annual Mean	4	0.021	0.021	0.02	0.021	0.02	0.02	0.019	0.018	0.018	0.021	0.018	0.018	0.017	0.015
		O3	4th Max	5	0.1	0.105	0.105	0.106	0.096	0.103	0.108	0.102	0.116	0.103	0.106	0.107	0.111	0.104
Gadsden, AL		PM10	2nd Max	3	179.7	130.3	98.3	117.3	112.3	114	91.7	101.7	105	122.3	112.3	127.3	88.7	
Gaffney, SC		PM25	Weighted Annual Mean	3														
Gainesville, FL		PM25	Weighted Annual Mean	1														
Gainesville, GA		PM25	Weighted Annual Mean	2														
Georgetown, SC		PM10	2nd Max	1	95	95	122	107	96	85	165	98	74	77	72	81	93	
		PM25	Weighted Annual Mean	1														
Goldsboro, NC		Pb	rqmax	1	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.02	0.01	0.01	0.02	0.02	0.01	
Gettysburg, PA		PM25	Weighted Annual Mean	1	0.002	0.0019	0.0018	0.0017	0.0019	0.0014	0.0017	0.0012	0.0011	0.0021	0.0022	0.002	0.0016	0.0018
Gillette, WY		PM25	Weighted Annual Mean	1														
		PM10	2nd Max	2	49.5	49.5	49	41.5	36	47	56	36.5	45.5	45.5	49.5	19.5	19.5	
Goldsboro, NC		PM25	Weighted Annual Mean	1														
Grand Rapids-Wyoming, MI		CO	2nd Max	1	3.5	4	3.2	3.2	4	4.6	3.3	2.4	2.9	3.5	3.5	11.6	11.5	
		O3	4th Max	1	0.102	0.091	0.078	0.082	0.084	0.094	0.087	0.079	0.079	0.085	0.068	0.083	0.082	0.084
Great Falls, MT		PM10	2nd Max	2	69	61.5	121.5	64.5	67.5	51.5	43	39.5	49	45	43	44	44.5	
Greeley, CO		PM25	Weighted Annual Mean	1														
		SO2	Annual Mean	1	0.0037	0.0035	0.0031	0.0031	0.0029	0.0022	0.0023	0.0021	0.0024	0.0014	0.0016	0.0018	0.0015	0.0014
Green Bay, WI		PM25	Weighted Annual Mean	1														
		PM25	Weighted Annual Mean	1														
Greensboro-High Point, NC		SO2	Annual Mean	1	0.005	0.0047	0.0042	0.0031	0.0034	0.0042	0.0029	0.0029	0.0027	0.0026	0.0037	0.0027	0.0023	0.0028
Greenville, NC		CO	2nd Max	1	5.4	5.8	5.2	3.9	4.6	5.8	3.8	4.8	3.6	3.1	3.3	2.9	2.5	
		O3	4th Max	1	0.082	0.082	0.078	0.091	0.077	0.082	0.086	0.097	0.091	0.093	0.082	0.077	0.091	0.079
Greenville-Mauldin-Easley, SC		PM25	Weighted Annual Mean	1														
		NO2	Annual Mean	1	0.019	0.019	0.019	0.018	0.018	0.017	0.016	0.017	0.017	0.016	0.015	0.016	0.015	0.015
		O3	4th Max	1	0.07	0.077	0.079	0.092	0.073	0.083	0.087	0.08	0.096	0.094	0.081	0.088	0.074	0.081
		PM10	2nd Max	1	64	52	54	68	65	94	76	52	57	52	67	52	49	
		PM25	Weighted Annual Mean	1														
		Pb	rqmax	2	0.04	0.05	0.03	0.03	0.02	0.01	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0
Greenwood, SC		PM25	Weighted Annual Mean	1	0.0024	0.0026	0.0026	0.0027	0.0025	0.0014	0.0002	0.0026	0.0032	0.0003	0.0034	0.0031	0.0003	0.0026
Guayama, PR		PM10	2nd Max	1	64	72	57	73	86	68	62	134	78	74	77	82	70	
		PM25	Weighted Annual Mean	1														
Gulfport-Biloxi, MS		PM25	Weighted Annual Mean	1														
Hagerstown-Martinsburg, MD-WV		PM25	Weighted Annual Mean	2														
Hammond, LA		PM25	Weighted Annual Mean	1														
Hanford-Corcoran, CA		PM25	Weighted Annual Mean	1														

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		O3	4th Max	2	0.088	0.075	0.087	0.08	0.085	0.083	0.079	0.085	0.095	0.084	0.09	0.079	0.073	0.082	0.081	0.082	0.083	0.081	0.074	
Pensacola-Ferry Pass-Brent, FL	PM25	Weighted Annual Mean	1																					
Peoria, IL	SO2	Annual Mean	1	0.008	0.0063	0.0072	0.0054	0.0044	0.003	0.0028	0.0042	0.0036	0.0035	0.0037	0.0031	0.003	0.0026	0.0024	0.0026	0.0025	0.0027	0.0029		
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	CO	2nd Max	1	7.4	6.3	7.2	7.3	5.7	5.6	4.6	4.7	5.8	4.6	3.4	3.5	3.1	2.9	3	3.1	2.7	2	2.1		
Phoenix Lake-Cedar Ridge, CA	O3	4th Max	2	0.071	0.079	0.075	0.064	0.076	0.082	0.081	0.072	0.076	0.082	0.072	0.074	0.083	0.072	0.064	0.075	0.069	0.078	0.064		
Phoenix-Mesa-Scottsdale, AZ	PM10	2nd Max	1	72	48	54	39	45	42	43	56	52	52	54	51	41	55	42	75	45	51	40		
Pittsburgh, PA	PM25	Weighted Annual Mean	1																					
Phoenix Lake-Cedar Ridge, CA	Pb	rqmax	1	0.04	0.03	0.03	0.03	0.02	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.03	0.01	0.01	
Phoenix-Mesa-Scottsdale, AZ	SO2	Annual Mean	2	0.0068	0.0077	0.0066	0.0065	0.007	0.0073	0.0071	0.0072	0.0067	0.0061	0.0055	0.0056	0.0052	0.0048	0.0049	0.0048	0.0042	0.0038	0.0028		
Pittsburgh, PA	CO	2nd Max	7	4.8	4.5	4.6	4.5	5.2	3.9	4	3.3	3	3.2	3	2.8	2.1	2	2.3	2	1.6	2.1	2		
Pittsfield, MA	NO2	Annual Mean	6	0.024	0.024	0.024	0.024	0.026	0.024	0.025	0.023	0.024	0.022	0.022	0.02	0.02	0.02	0.019	0.02	0.018	0.017	0.016		
Platteville, WI	O3	4th Max	10	0.102	0.107	0.091	0.1	0.093	0.107	0.092	0.105	0.097	0.102	0.096	0.099	0.107	0.087	0.082	0.089	0.084	0.089	0.084		
Pocatello, ID	PM10	2nd Max	2	61.5	69.5	53.5	68.5	73	59.5	60	64.5	52	49.5	54	59.5	53.5	55.5	52	53	48.5	41.5	44.5		
Ponca City, OK	PM25	Weighted Annual Mean	13																					
Ponce, PR	Pb	rqmax	1	3.07	2.66	3.18	7.98	2.61	4.63	7.69	6.27	1.88	3.69	2.47	1.26	0.04	0.04	0.03	0.02	0.03	0.04	0.04		
Port St. Lucie, FL	SO2	Annual Mean	9	0.0091	0.0088	0.0081	0.0079	0.0083	0.0072	0.0068	0.0066	0.0062	0.0055	0.0055	0.0054	0.0053	0.0057	0.0045	0.0051	0.0047	0.0047	0.0035		
Portland-South Portland-Biddeford, ME	CO	2nd Max	7	6.8	6.3	6.7	6.2	6.7	6.3	5.7	5.2	5.4	5.2	4.5	4	3.8	3.3	3	3.2	2.8	2.5	1.9		
Portland-Vancouver-Beaverton, OR-WA	NO2	Annual Mean	1	0.021	0.021	0.014	0.019	0.024	0.029	0.029	0.028	0.031	0.029	0.026	0.029	0.026	0.024	0.024	0.024	0.021	0.019			
Portland, OR	O3	4th Max	6	0.08	0.074	0.081	0.08	0.079	0.087	0.084	0.08	0.081	0.082	0.082	0.08	0.082	0.074	0.077	0.08	0.074	0.076			
Portsmouth, OH	PM10	2nd Max	10	95.4	90.3	87.3	85.8	87.7	85.4	69.9	72.4	67.1	65.2	59.1	64.3	65.8	62.5	62.8	67.8	55.1	57.2	54.3		
Poughkeepsie-Newburgh-Middletown, NY	PM25	Weighted Annual Mean	11																					
Provode-New Bedford-Fall River, RI-MA	Pb	rqmax	2	0.06	0.06	0.05	0.05	0.07	0.06	0.06	0.05	0.06	0.05	0.04	0.03	0.04	0.04	0.03	0.05	0.04	0.03	0.05		
Pueblo, CO	SO2	Annual Mean	9	0.0163	0.0155	0.0145	0.0145	0.0148	0.0108	0.0102	0.0113	0.0106	0.0097	0.0097	0.0089	0.0088	0.0085	0.0078	0.0083	0.0074	0.0077	0.0063		
Quincy, IL-MO	PM25	Weighted Annual Mean	1																					
Racine, WI	O3	4th Max	1	0.092	0.092	0.087	0.083	0.074	0.072	0.081	0.078	0.069	0.075	0.072	0.092	0.086	0.083	0.071	0.087	0.076	0.08	0.072		
Raleigh-Cary, NC	PM10	2nd Max	1	109	109	69	147	114	91	86	61	87	168	93	78	64	53	56	58	53	51	50		
Rapid City, SD	PM25	Weighted Annual Mean	3																					
Reading, PA	Pb	rqmax	2	1.27	0.7	0.69	0.41	0.19	0.08	0.07	0.21	0.11	0.21	0.12	0.16	0.12	0.16	0.11	0.11	0.11	0.11	0.06	0.05	0.07
Red Bluff, CA	CO	2nd Max	1	7.3	7.4	6.3	5.4	6.7	7	4.4	5.6	4.7	3.9	3.5	3.8	2.7	2.3	2.5	2.5	2.5	2.5	2.5		
Redding, CA	O3	4th Max	1	0.093	0.085	0.082	0.095	0.083	0.081	0.082	0.097	0.106	0.108	0.087	0.089	0.1	0.089	0.075	0.082	0.082	0.077	0.076		
Reno, NV	PM10	2nd Max	1	59	74	58	50	54	47	34	40	48	75	38	44	50	31	40	28	46	33	114		
Riverside-San Bernardino-Ontario, CA	PM25	Weighted Annual Mean	1																					

NO₂ . Highest arithmetic mean concentration (applicable
O₃ (8-hour) - Highest fourth daily maximum 8-hour
PM₁₀ . Highest second maximum 24-hour concentration
PM_{2.5} . Highest weighted annual mean concentration
- Highest 98th percentile 24-hour concentration (applicable
SO₂ . Highest annual mean concentration (applicable NAAQS is
(applicable NAAQS is 0.14 ppm)

Note: Data from exceptional events are not included. These trends are based on sites having an adequate record of monitoring data during the trend period. The values shown are the composite averages among these trend sites.