

Air Quality Trends by City, 1990-2012

Note: Data from exceptional events are 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.

Core Based Statistical Area	Pollutant	Trend Statistic	Trend Sites	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Aberdeen, SD	PM2.5	Weighted Annual Mean	1											8.6	8.6	7.9	8.4	8.1	9	8.2	8	7.7	8.1	8.7	7.1	7.5
	PM2.5	98th Percentile	1											22	22	18	19	17	22	18	15	16	23	26	16	23
Akron, OH	CO	2nd Max	1	5.7	3.3	4.1	3.1	5.3	3.3	3.4	3.2	2.6	2.5	2.4	2.7	1.8	1.9	2.1	1.6	1.4	1.4	1.3	1.8	1.4	1	1.1
	O3	4th Max	2	0.09	0.101	0.087	0.093	0.086	0.092	0.091	0.087	0.097	0.097	0.085	0.096	0.1	0.09	0.079	0.091	0.074	0.087	0.075	0.067	0.074	0.073	0.072
	PM2.5	Weighted Annual Mean	3											16.3	16.2	16	14.1	13.8	15.7	12.8	13.9	12.9	11.7	12.3	11.1	10.1
	PM2.5	98th Percentile	3											37	44	40	34	35	43	31	31	33	25	31	25	19
	SO2	99th Percentile	1	161	183	181	209	132	123	133	155	143	158	167	132	145	167	172	140	138	46	34	31	27	24	22
Albany, GA	PM2.5	Weighted Annual Mean	1											16.6	14.6	13.8	13.4	14.1	14.6	14.9	15	12.8	11.8	12.3	12.1	10.6
	PM2.5	98th Percentile	1											38	36	31	27	36	35	35	43	32	32	30	29	25
Albany-Schenectady-Troy, NY	CO	2nd Max	1	6.2	5.4	4.7	3.8	5.2	4.3	3.7	4.5	4.4	4.2	2.9	2.4	3.4	2.6	2.1	2.4	2.3	1.7	1.8	1.2	1.4	1.4	1.4
	O3	4th Max	3	0.084	0.084	0.086	0.081	0.077	0.079	0.074	0.079	0.076	0.085	0.068	0.087	0.088	0.08	0.072	0.08	0.067	0.074	0.075	0.065	0.071	0.067	0.07
	PM2.5	Weighted Annual Mean	1											12.4	12.3	12.3	12.2	11.1	12.4	9.2	10.1	9.5	8.2	7.9	8.7	7.6
	PM2.5	98th Percentile	1											30	31	33	34	32	36	31	31	26	23	24	24	18
	SO2	99th Percentile	1	48	52	41	44	39	32	36	30	25	24	34	33	32	28	23	25	24	20	17	23	16	16	16
Albuquerque, NM	CO	2nd Max	1	5.1	5.5	4.4	5	4.5	3.8	4.1	3.5	3.7	3.8	3.3	2.9	2.8	2.1	2.2	2	2	1.6	1.2	1.1	1	1.3	1.6
	NO2	Annual Mean	1	18	2	21	24	23	18	22	19	16	16	17	17	19	18	17	16	15	15	13	12	12	13	14
	NO2	98th Percentile	1	72	77	83	88	78	67	75	80	57	56	55	54	57	55	52	51	53	64	65	48	53	50	49
	O3	4th Max	4	0.071	0.065	0.066	0.064	0.073	0.07	0.067	0.067	0.071	0.072	0.073	0.071	0.075	0.076	0.074	0.071	0.074	0.071	0.069	0.065	0.066	0.067	0.07
	PM10	2nd Max	2	51.5	61.5	42.5	60	45	48.5	36.5	47	38.7	41.3	35.5	38	53	60	28	46	32	30	28.5	33	21.5	91	58
	PM2.5	Weighted Annual Mean	2											6	6	6.1	6.9	7.1	6.6	7.1	6.6	5.9	5.3	5.2	6.8	7.3
	PM2.5	98th Percentile	2											16	18	17	16	20	17	16	18	14	14	13	25	18
Allegan, MI	PM2.5	Weighted Annual Mean	1											11.7	12.8	12.4	12.4	11.2	12.4	11.5	11.7	9.7	8.6	8.5	8.4	8.5
	PM2.5	98th Percentile	1											32	37	37	36	30	36	34	32	25	25	25	26	23
Allentown-Bethlehem-Easton, PA-NJ	O3	4th Max	1	0.093	0.098	0.078	0.082	0.084	0.091	0.094	0.101	0.095	0.105	0.091	0.094	0.097	0.087	0.083	0.086	0.08	0.081	0.08	0.069	0.08	0.079	0.075
	PM2.5	Weighted Annual Mean	1											13.9	13.7	13.3	13.5	12.2	13.7	11.3	13	11.2	8.6	9.4	9.7	9.1
	PM2.5	98th Percentile	1											38	35	40	35	35	34	32	35	26	25	26	28	22
Altoona, PA	O3	4th Max	1	0.081	0.092	0.079	0.086	0.092	0.091	0.083	0.096	0.098	0.091	0.08	0.083	0.089	0.083	0.073	0.077	0.071	0.071	0.075	0.065	0.072	0.074	0.08
	SO2	99th Percentile	1	119	100	94	76	103	70	75	73	59	71	62	68	51	62	61	72	48	56	55	51	36	32	28
Americus, GA	O3	4th Max	1	0.082	0.082	0.081	0.08	0.076	0.079	0.082	0.085	0.081	0.084	0.092	0.082	0.07	0.072	0.07	0.071	0.077	0.076	0.068	0.06	0.069	0.066	0.065
Anchorage, AK	CO	2nd Max	1	9.7	8.4	10.8	9.7	8.6	7.4	8.7	7.1	8.4	7.8	5.4	5.7	4.7	5.7	6.4	4.8	4.3	3.6	3.8	4.4	3.8	3.6	4.3
	PM10	2nd Max	1	106	72	128	77	60	51	49	59	55	66	53	66	40	92	43	65	60	48	53	49	39	62	62
	PM2.5	Weighted Annual Mean	2											5.8	6.2	5.8	6.6	6.9	6.7	6.9	5.2	5.9	6.4	6.5	5.7	6.8
	PM2.5	98th Percentile	2											20	25	25	23	30	22	33	17	24	26	29	25	26
Ann Arbor, MI	PM2.5	Weighted Annual Mean	1											14.3	14.5	14.9	14.6	12.9	15.6	12.5	13	10.9	9.9	9.2	9.7	9.2
	PM2.5	98th Percentile	1											30	40	31	39	32	52	31	35	28	28	23	24	23
Appleton, WI	PM2.5	Weighted Annual Mean	1											11.5	11.1	10.8	10.4	9.7	11.5	11.6	11.2	11.2	10.4	9.7	9.3	8.6
	PM2.5	98th Percentile	1											32	33	29	26	29	37	36	31	31	34	37	22	25
Asheville, NC	O3	4th Max	1	0.073	0.063	0.064	0.066	0.069	0.076	0.074	0.075	0.09	0.084	0.09	0.076	0.09	0.07	0.073	0.079	0.071	0.073	0.071	0.064	0.071	0.067	0.067
	PM2.5	Weighted Annual Mean	1											14.1	14.1	13.8	12.6	12.3	13.1	12.5	12.1	8.9	8.5	10.2	9.2	8.6
	PM2.5	98th Percentile	1											45	45	31	31	27	32	31	28	23	18	20	19	16
Ashtabula, OH	O3	4th Max	1	0.084	0.097	0.086	0.086	0.085	0.092	0.075	0.09	0.096	0.09	0.082	0.097	0.103	0.099	0.081	0.093	0.086	0.092	0.075	0.075	0.083	0.077	0.079
	SO2	99th Percentile	1	95	112	106	109	115	52	74	96	68	86	50	56	55	44	36	39	40	31	36	34	20	19	53
Athens, OH	PM2.5	Weighted Annual Mean	1											12.4	12.4	12.7	12.3	11.4	13.3	11.8	13	11.1	9.1	8.9	8.7	8.7
	PM2.5	98th Percentile	1											32	32	33	29	33	33	30	37	27	18	18	19	16
Athens, TN	NO2	Annual Mean	1	12	14	13	15	14	13	14	15	15	16	15	13	13	12	11	12	12	12	10	6	9	9	7
	NO2	98th Percentile	1	54	63	61	59	57	47	53	56	54	54	54	48	45	44	43	42	46	50	46	32	37	42	42
	PM10	2nd Max	1	71	75	76	68	57	65	59	74	78	68	94	64	61	60	55	80	72	62	44	35	50	46	45
	PM2.5	Weighted Annual Mean	1											18	16.1	14.2	13.6	13.8	14.8	13.8	15.5	12.9	10.4	11.9	10.6	9.1
	PM2.5	98th Percentile	1											46	35	29	33	28	34	33	36	27	20	22	25	18
	SO2	99th Percentile	1	109	85	89	92	96	78	95	128	154	151	108	146	174	146	118	107	99	91	145	109	73	65	75
Atlanta-Sandy Springs-Marietta, GA	NO2	Annual Mean	1	15	14	14	15	14	15	16	15	17	20	18	17	15	13	15	14	15	15	13	11	14	13	12
	O3	4th Max	4	0.104	0.09	0.088	0.106	0.088	0.103	0.097	0.096	0.112	0.112	0.101	0.084	0.096	0.082	0.082	0.087	0.092	0.093	0.084	0.073	0.076	0.078	0.079
	PM10	2nd Max	1	110	73	53	66	51	51	56	53	55	44	64	48	44	91	51	53	48	58	38	34	51	37	28
	PM2.5	Weighted Annual Mean	7											18.5	16.9	15	15.5	15.7	15.8	15.6	15.2	12.9	11.3	12.3	11.6	10
	PM2.5	98th Percentile	7											46	39	32	37	34	35	31	35	27	24	23	24	19
	SO2	99th Percentile	1	105	105	105	91	78	64	49	58	57	44	50	54	56	53	56	60	62	58	45	31	33	25	10
Atlantic City, NJ	PM2.5	Weighted Annual Mean	1											11.6	11.6	11.6	12	10.6	11.8	12.4	10.6	9	9.2	9.3	8.2	
	PM2.5	98th Percentile	1											42	42	42	30	30	25	35	27	27	20	21	28	20
Augusta-Richmond County, GA-SC	O3	4th Max	3	0.085	0.076</																					

	O3	4th Max	2	0.09	0.098	0.083	0.083	0.087	0.091	0.09	0.088	0.095	0.093	0.085	0.083	0.096	0.084	0.074	0.084	0.075	0.079	0.07	0.069	0.073	0.075	0.077
	PM10	2nd Max	1	91	79	79	74	78	77	60	72	83	86	73	68	77	76	77	85	55	76	79	49	126	71	62
	PM2.5	Weighted Annual Mean	3											17.7	17.2	16	15.5	14.4	15.8	13.6	14.1	12	11.2	12.5	11.4	10.5
	PM2.5	98th Percentile	3											39	40	40	37	35	42	34	34	27	24	31	23	22
Corning, NY	PM2.5	Weighted Annual Mean	1											9.1	10.2	10.4	9.5	8.9	9.8	8.2	8.1	8	6.9	7.2	7	6.8
	PM2.5	98th Percentile	1											27	29	37	26	29	29	26	27	22	18	21	20	19
Corpus Christi, TX	O3	4th Max	2	0.081	0.073	0.079	0.081	0.079	0.089	0.08	0.074	0.082	0.085	0.082	0.075	0.081	0.08	0.074	0.068	0.07	0.069	0.072	0.066	0.073	0.077	0.067
	PM2.5	Weighted Annual Mean	1											10.6	10.6	9.8	10.6	8.9	11	11	10.7	10.8	10	10.2	9.9	10.6
	PM2.5	98th Percentile	1											20	20	23	27	18	32	30	29	25	25	26	23	41
	SO2	99th Percentile	1	70	70	90	110	93	96	50	39	47	40	33	28	28	39	40	33	22	17	24	12	16	9	5
Culpeper, VA	PM10	2nd Max	1	40	40	40	52	40	51	37	43	39	40	39	38	40	33	38	36	41	36	33	26	30	26	28
Dallas-Fort Worth-Arlington, TX	CO	2nd Max	1	3.6	3.4	3.8	3.5	2.7	3.3	2.8	2.8	2.5	2.6	2.1	2	2.1	1.6	1.7	1.5	1.3	1.2	1.1	1	1	1	1.2
	NO2	Annual Mean	1	12	14	14	12	17	17	15	16	14	17	11	11	12	12	13	14	14	15	13	11	10	9	10
	NO2	98th Percentile	1	70	70	70	60	67	67	66	66	63	71	61	59	61	56	55	57	64	58	57	48	57	57	53
	O3	4th Max	3	0.095	0.101	0.085	0.093	0.099	0.105	0.094	0.095	0.098	0.103	0.096	0.096	0.096	0.093	0.092	0.097	0.093	0.082	0.079	0.084	0.08	0.09	0.08
	PM10	2nd Max	1	55	51	51	74	49	60	60	54	57	53	48	46	52	63	55	47	44	43.5	43	43	48	49	63
	PM2.5	Weighted Annual Mean	3											12.6	12.5	12.3	12.8	11.7	12.4	10.8	11.4	10.6	9.9	10.2	10.6	10.2
	PM2.5	98th Percentile	3											30	30	34	31	25	27	23	24	26	20	20	23	21
	Pb	rqmax	1	1.05	0.67	1.1	1.05	0.58	0.51	0.25	0.35	0.46	0.62	0.49	0.39	0.27	0.34	0.24	0.36	0.39	0.27	0.26	0.32	0.37	0.19	0.12
Daphne-Fairhope-Foley, AL	PM2.5	Weighted Annual Mean	1											14.5	10.6	10.4	12.2	11.4	11.7	11.2	10.4	9.9	10.1	10.2	10	9.2
	PM2.5	98th Percentile	1											36	22	23	29	28	26	26	22	20	20	20	20	18
Davenport-Moline-Rock Island, IA-IL	PM2.5	Weighted Annual Mean	3											12.5	12.9	12	12.3	10.6	13.2	10.4	12.5	11.2	10.2	11.4	11.1	9.8
	PM2.5	98th Percentile	3											30	32	27	31	28	38	26	30	27	24	31	26	21
Dayton, OH	CO	2nd Max	1	2.6	3	2.8	3.1	2.3	2.2	1.7	1.9	2.2	1.7	1.6	1.5	1.2	1.5	1.4	1.5	1.5	1.6	1	1.2	1.3	1	1
	O3	4th Max	1	0.074	0.094	0.071	0.076	0.087	0.087	0.086	0.085	0.081	0.085	0.074	0.077	0.095	0.071	0.066	0.08	0.072	0.073	0.068	0.069	0.071	0.074	0.077
	PM10	2nd Max	1	70	56	52	57	60	64	47	50	49	49	55	58	49	46	53	60	45	58	45	43	45	43	39
	PM2.5	Weighted Annual Mean	2											14.9	14.9	14.8	14.7	13.5	16.5	13	14.6	12.6	11.8	13	11.5	10
	PM2.5	98th Percentile	2											38	38	33	39	30	42	30	35	28	24	30	27	21
Decatur, AL	PM2.5	Weighted Annual Mean	1											13.1	13.1	13.1	13.6	12.1	13.6	13.1	14.4	11.4	9.9	11.2	10.5	8.9
	PM2.5	98th Percentile	1											31	31	31	30	29	36	29	40	27	19	19	24	18
Decatur, IL	O3	4th Max	1	0.076	0.087	0.078	0.065	0.079	0.08	0.094	0.077	0.078	0.087	0.077	0.071	0.085	0.071	0.064	0.076	0.071	0.077	0.066	0.067	0.069	0.075	0.076
	PM2.5	Weighted Annual Mean	1											15	14.3	14.1	13.6	11.9	14.5	12.2	14	12	11	12.2	11.6	10
	PM2.5	98th Percentile	1											31	35	34	34	26	42	26	36	27	22	22	26	18
	SO2	99th Percentile	1	101	84	61	61	89	71	62	62	60	101	58	65	41	49	45	44	46	51	44	36	49	33	38
Deltona-Daytona Beach-Ormond Beach, FL	O3	4th Max	2	0.073	0.073	0.073	0.074	0.072	0.068	0.066	0.072	0.08	0.075	0.075	0.072	0.068	0.071	0.067	0.069	0.071	0.065	0.064	0.058	0.064	0.062	0.063
	PM2.5	Weighted Annual Mean	1											10.5	10	8.8	8.5	9.7	9.2	9	9.8	9	8.3	7.5	7.6	6.4
	PM2.5	98th Percentile	1											26	22	22	18	22	23	19	35	29	23	17	19	14
Deming, NM	PM10	2nd Max	1	39	37	48	32	38	48	49	35	33	109	35	57	45	160	71	50	63	35	88	35	43	145	28
Denver-Aurora, CO	CO	2nd Max	2	9.3	8.2	10.8	7.7	7.3	7.3	5.6	4.9	4.1	4.3	4.2	3.7	3.2	3.8	3.5	2.4	2.8	2.5	2.8	2.1	2.1	1.7	1.7
	NO2	Annual Mean	1	24	24	23	21	28	23	22	23	19	15	26	20	21	21	20	19	20	19	20	17	14	16	19
	O3	4th Max	5	0.075	0.075	0.071	0.068	0.07	0.07	0.071	0.068	0.084	0.07	0.071	0.07	0.072	0.08	0.066	0.074	0.077	0.076	0.073	0.069	0.071	0.077	0.078
	PM10	2nd Max	2	74.5	87	135.5	99.5	78.5	55	61.5	58	60	53	50.5	68	66	67	82	67	54.5	70	61.5	51.5	56.5	76.5	84
	PM2.5	Weighted Annual Mean	3											10	10.5	9.7	9.9	9	9.1	8.7	9.6	8.2	7.4	7.6	7	7.8
	PM2.5	98th Percentile	3											27	31	24	25	22	24	21	30	21	19	19	17	24
	SO2	99th Percentile	2	84	85	117	105	92	98	86	86	74	79	65	73	73	58	40	39	33	30	33	35	32	34	
Des Moines-West Des Moines, IA	PM2.5	Weighted Annual Mean	2											10.2	10.4	10.5	10.6	9.5	10.9	9.3	10.7	9.7	9.1	10.2	9.5	9.1
	PM2.5	98th Percentile	2											26	27	25	29	27	32	23	27	23	25	32	22	21
Detroit-Warren-Livonia, MI	CO	2nd Max	1	4.4	4.2	3.7	3.8	5.2	3.4	2.8	2.4	2.8	4.3	3.3	1.6	3.7	2.4	2.3	1.7	2.3	1.4	1.1	1.2	1.2	1.2	1.2
	NO2	Annual Mean	1	18	18	19	21	20	19	21	13	19	18	18	19	19	19	15	17	14	14	13	13	12	11	11
	NO2	98th Percentile	1	64	64	71	74	76	74	90	93	72	71	71	70	141	60	54	51	47	48	49	50	54	49	41
	O3	4th Max	6	0.083	0.094	0.078	0.08	0.088	0.088	0.085	0.084	0.09	0.091	0.076	0.089	0.092	0.094	0.072	0.083	0.075	0.088	0.072	0.071	0.074	0.079	0.081
	PM10	2nd Max	3	91.3	85	79.3	101	107.7	108.7	75.7	76.3	85.3	104.3	79.7	65.7	77.3	93	84.3	77	54.3	59.3	51.3	42	44.3	41.7	44
	PM2.5	Weighted Annual Mean	10											15.9	16.1	15.7	15.3	13.6	16	13	13.5	11.6	10.4	9.7	9.7	10
	PM2.5	98th Percentile	10											40	43	38	38	35	48	35	33	30	27	24	24	24
Dickinson, ND	SO2	99th Percentile	1	97	97	78	77	97	106	122	110	109	123	114	129	126	122	130	125	130	116	101	79	107	94	80
	PM2.5	Weighted Annual Mean	1											4.2	4.2	4.2	5.2	4.4	4.3	4.8	4.7	4.6	4.1	4.7	4.1	4.4
	PM2.5	98th Percentile	1											9	9	9	20	9	11	18	14	11	10	12	10	12
Dover, DE	PM2.5	Weighted Annual Mean	2											13.1	13.5	13.1	12.5	12.6	13.2	11.9	12.2	11.2	9.4	9.5	8.8	8.1
	PM2.5	98th Percentile	2											31	36	46	33	30	34	30	31	28	20	23	24	21
Duluth, MN-WI	CO	2nd Max	1	4.4	5.2	4	4.1	4.3	4.5	4.5	3.2	3.7	2.9	2.1	2.5	2.1	1.7	1.5	1.6	1.4	1.5	1.5	1.5	1.9	1.5	1
	PM10	2nd Max	2	51	47	38	34	39.5	42.5	49	42.5	62.5	59.5	48	40	44	52.5	43.5	44	48	42.5	39.5	44	49	37	
	PM2.5	Weighted Annual Mean	3											7.9	7.6	7	7.2	5.9	6.8	6.8	6.4	6.7	6.5	5.7	5.6	5.7
	PM2.5	98th Percentile	3											24	20	22	20	19	2							

Santa Barbara-Santa Maria-Goleta, CA	PM10	2nd Max	2	50.5	47.5	40	67	41	46	39	36	31	40	46.5	48	38	42.5	38.5	38	46.5	40.5	47	42	30.5	30.5	30.5
	CO	2nd Max	3	1.3	1.2	1.2	1.3	1.5	1.2	1	0.9	0.9	0.9	0.9	0.9	1	0.8	0.6	0.7	1	1	1	0.5	0.5	0.5	0.5
	NO2	Annual Mean	8	6	6	5	5	5	5	5	5	4	5	4	4	4	4	4	4	3	3	3	3	2	2	2
	NO2	98th Percentile	8	33	32	27	29	26	25	25	24	24	25	24	24	22	21	24	20	19	18	18	18	15	15	14
Santa Cruz-Watsonville, CA	O3	4th Max	9	0.08	0.076	0.08	0.079	0.075	0.078	0.075	0.078	0.07	0.069	0.068	0.069	0.067	0.071	0.072	0.066	0.061	0.065	0.066	0.066	0.066	0.064	0.066
	PM10	2nd Max	3	41.7	40	38	46.3	40	36.3	35.3	42.7	35.7	40.3	40.3	34.7	36	37.3	35	31	35.7	54	46.7	40	34.7	31.7	35
	SO2	99th Percentile	5	10	7	8	7	8	9	8	6	5	5	5	5	5	5	6	5	6	4	4	3	3	4	15
	CO	2nd Max	1	1	1	1	1	1.2	0.8	0.7	0.7	0.8	0.7	0.7	0.8	0.7	0.8	0.8	0.8	0.8	0.9	1.1	3.8	0.6	0.6	0.6
Santa Fe, NM	NO2	Annual Mean	1	7	9	6	5	5	5	5	4	4	5	5	5	5	4	4	4	4	4	4	2	2	2	2
	PM10	2nd Max	1	54	39	47	34	29	33	32	33	28	30	27	28	37	41	21	35	28	30	26	34	27	62	19
Santa Rosa-Petaluma, CA	PM2.5	Weighted Annual Mean	1																							
	PM2.5	98th Percentile	1																							
	CO	2nd Max	1	4.3	3.8	4	3.8	3.2	2.4	3	3.1	3	3.3	2.7	2.3	2	1.7	1.6	1.7	1.5	1.5	1.3	1.2	1.1	1.2	1.3
	NO2	Annual Mean	1	14	15	15	16	15	15	14	13	15	14	13	13	13	12	11	11	11	11	11	9	8	9	9
Savannah, GA	NO2	98th Percentile	1	70	60	60	59	58	54	46	48	42	52	44	46	45	46	39	41	38	39	40	35	35	37	36
	O3	4th Max	2	0.056	0.059	0.057	0.061	0.061	0.065	0.062	0.064	0.069	0.073	0.056	0.059	0.058	0.057	0.053	0.049	0.053	0.054	0.058	0.052	0.054	0.05	0.05
	PM10	2nd Max	3	51.3	69	44.3	45	40.7	37	34.3	39	28	52	32.3	35.7	29.3	25	25.3	27.3	27.7	26.7	31.3	22	26	34.7	26
	PM2.5	Weighted Annual Mean	2																							
Scranton--Wilkes-Barre, PA	PM2.5	98th Percentile	2																							
	CO	2nd Max	1	3.7	3.5	3.1	2.8	2.8	2.6	3.5	2.8	1.9	1.7	2.1	1.8	1.6	1.5	1.8	1.5	1.4	1.5	1	0.8	0.9	0.8	0.8
	NO2	Annual Mean	1	20	18	17	18	20	18	18	18	16	15	15	15	14	14	12	13	10	11	12	10	9	10	9
	NO2	98th Percentile	1	71	67	58	64	71	66	59	58	54	52	50	58	59	50	46	50	45	47	44	46	43	45	36
Seaford, DE	O3	4th Max	4	0.091	0.098	0.081	0.088	0.081	0.088	0.081	0.087	0.087	0.092	0.075	0.087	0.091	0.076	0.071	0.079	0.07	0.072	0.075	0.062	0.07	0.067	0.07
	SO2	99th Percentile	1	79	50	49	40	71	46	40	44	50	46	36	49	40	42	39	42	41	40	36	26	17	13	8
	O3	4th Max	1	0.099	0.11	0.086	0.093	0.084	0.091	0.09	0.1	0.102	0.097	0.095	0.093	0.094	0.087	0.076	0.084	0.082	0.081	0.081	0.067	0.084	0.077	0.084
	PM2.5	Weighted Annual Mean	1																							
Searcy, AR	PM2.5	98th Percentile	1																							
	PM2.5	Weighted Annual Mean	1																							
Seattle-Tacoma-Bellevue, WA	PM2.5	98th Percentile	1																							
	O3	4th Max	2	0.085	0.072	0.077	0.064	0.067	0.068	0.075	0.062	0.074	0.06	0.057	0.057	0.061	0.071	0.067	0.057	0.075	0.061	0.061	0.064	0.056	0.056	0.059
	PM2.5	Weighted Annual Mean	3																							
	PM2.5	98th Percentile	3																							
Seneca, SC	O3	4th Max	1	0.076	0.07	0.072	0.082	0.082	0.078	0.073	0.079	0.093	0.087	0.082	0.079	0.094	0.079	0.075	0.075	0.065	0.076	0.072	0.066	0.069	0.061	0.064
	PM2.5	Weighted Annual Mean	1																							
Sevierville, TN	PM2.5	98th Percentile	1																							
	O3	4th Max	1	0.087	0.082	0.075	0.089	0.088	0.093	0.092	0.095	0.106	0.101	0.096	0.091	0.103	0.082	0.074	0.079	0.08	0.088	0.079	0.07	0.079	0.078	0.072
Sheridan, WY	PM2.5	Weighted Annual Mean	1																							
	PM2.5	98th Percentile	1																							
Shreveport-Bossier City, LA	O3	4th Max	2	0.088	0.081	0.083	0.088	0.08	0.081	0.079	0.084	0.09	0.091	0.09	0.081	0.076	0.08	0.072	0.082	0.084	0.073	0.069	0.073	0.078	0.083	0.071
	O3	4th Max	1	0.069	0.071	0.065	0.068	0.071	0.069	0.072	0.065	0.067	0.072	0.072	0.067	0.074	0.071	0.07	0.072	0.074	0.067	0.068	0.065	0.071	0.075	0.074
Sierra Vista-Douglas, AZ	PM10	2nd Max	1	222	154	129	67	77	77	69	74	94	88	57	45	37	45	37	68	64	62	70	46	37	69	36
	PM2.5	Weighted Annual Mean	1																							
Silver City, NM	PM2.5	98th Percentile	1																							
	PM10	2nd Max	1	63	63	70	42	40	33	36	49	32	48	43	52	50	37	41	31	56	38	23	32	26	26	26
Sioux Falls, SD	PM2.5	Weighted Annual Mean	1																							
	PM2.5	98th Percentile	1																							
Somerset, KY	O3	4th Max	1	0.069	0.069	0.069	0.078	0.079	0.081	0.074	0.073	0.084	0.095	0.087	0.077	0.081	0.075	0.066	0.075	0.064	0.076	0.066	0.061	0.066	0.067	0.075
	O3	4th Max	2	0.086	0.087	0.081	0.076	0.087	0.096	0.091	0.088	0.093	0.087	0.079	0.085	0.098	0.084	0.075	0.082	0.07	0.079	0.066	0.061	0.06	0.068	0.071
South Bend-Mishawaka, IN-MI	O3	4th Max	1	0.082	0.083	0.075	0.081	0.083	0.086	0.086	0.088	0.096	0.1	0.089	0.09	0.093	0.079	0.082	0.082	0.085	0.083	0.085	0.067	0.076	0.081	0.07
	O3	4th Max	1	0.057	0.061	0.063	0.06	0.068	0.065	0.067	0.068	0.07	0.065	0.068	0.071	0.071	0.079	0.069	0.067	0.069	0.064	0.058	0.057	0.058	0.056	0.063
Spartanburg, SC	PM10	2nd Max	1	4.4	4.3	4.5	3.9	3.1	3.2	3	2.1	1.9	2.4	1.7	2.8	1.5	2	1.2	1.4	1.5	1.4	1.4	1.2	1.3	0.8	0.9
	PM2.5	Weighted Annual Mean	1																							
Springfield, IL	PM2.5	98th Percentile	1																							
	SO2	99th Percentile	1	216	216	203	194	223	243	223	216	245	215	165	114	106	129	111	102	91	139	131	24	24	27	15
	CO	2nd Max	1	6.4	6.5	6.9	5.5	7.2	7.4	6.5	5.3	4.6	4	4	2.9	3.3	3	3.1	2.6	2.4	1.3	2.5	1.8	1.7	3	1.5
	NO2	Annual Mean	2	18	17	16	16	19	15	16	15	13	14	15	15	14	13	11	11	9	9	11	9	8	8	8
Springfield, MA	NO2	98th Percentile	2	68	65	56	65	74	54	54	53	49	63	58	56	50	49	44	43	39	38	42	38	32	27	27
	O3	4th Max	3	0.092	0.097																					

Pb - Maximum rolling 3 month average ($\mu\text{g}/\text{m}^3$)
NO₂ (Annual Mean) - Highest arithmetic mean concentration (ppb)
NO₂ (98th Percentile) - Highest 98th percentile 1-hour daily maximum concentration (ppb)
O₃ - Highest fourth daily maximum 8-hour concentration (ppm)
PM₁₀ - Highest second maximum 24-hour concentration ($\mu\text{g}/\text{m}^3$)
PM_{2.5} (Weighted Annual Mean) - Highest weighted annual mean concentration ($\mu\text{g}/\text{m}^3$)
PM_{2.5} (98th Percentile) - Highest 98th percentile 24-hour concentration ($\mu\text{g}/\text{m}^3$)
SO₂ - Highest 99th percentile 1-hour daily maximum concentration (ppb)