

State	County	Year	Moderate Days
Massachusetts	Barnstable	2016	27
Massachusetts	Barnstable	2017	21
Massachusetts	Barnstable	2018	21
Massachusetts	Barnstable	2019	13
Massachusetts	Berkshire	2016	96
Massachusetts	Berkshire	2017	143
Massachusetts	Berkshire	2018	132
Massachusetts	Berkshire	2019	98
Minnesota	Anoka	2016	74
Minnesota	Anoka	2017	126
Minnesota	Anoka	2018	141
Minnesota	Anoka	2019	89
Minnesota	Becker	2016	37
Minnesota	Becker	2017	42
Minnesota	Becker	2018	57
Minnesota	Becker	2019	34
Minnesota	Beltrami	2016	27
Minnesota	Beltrami	2017	46
Minnesota	Beltrami	2018	42
Minnesota	Beltrami	2019	43
Massachusetts	Bristol	2016	55
Massachusetts	Bristol	2017	99
Massachusetts	Bristol	2018	97
Massachusetts	Bristol	2019	85
Massachusetts	Dukes	2016	17
Massachusetts	Dukes	2017	19
Massachusetts	Dukes	2018	34
Massachusetts	Dukes	2019	19
Minnesota	Carlton	2016	26
Minnesota	Carlton	2017	31
Minnesota	Carlton	2018	35
Minnesota	Carlton	2019	15
Minnesota	Cass	2018	52
Minnesota	Cass	2019	28

Minnesota	Cook	2016	10
Minnesota	Cook	2017	19
Minnesota	Cook	2018	23
Minnesota	Cook	2019	17
Minnesota	Crow Wing	2016	44
Massachusetts	Essex	2016	68
Massachusetts	Essex	2017	77
Massachusetts	Essex	2018	98
Massachusetts	Essex	2019	75
Massachusetts	Franklin	2016	67
Massachusetts	Franklin	2017	65
Massachusetts	Franklin	2018	76
Minnesota	Crow Wing	2017	58
Minnesota	Crow Wing	2018	55
Minnesota	Crow Wing	2019	34
Minnesota	Dakota	2016	76
Minnesota	Dakota	2017	98
Minnesota	Dakota	2018	108
Minnesota	Dakota	2019	96
Minnesota	Goodhue	2016	12
Minnesota	Goodhue	2017	14
Minnesota	Goodhue	2018	24
Minnesota	Goodhue	2019	13
Massachusetts	Franklin	2019	83
Massachusetts	Hampden	2016	84
Massachusetts	Hampden	2017	91
Massachusetts	Hampden	2018	115
Massachusetts	Hampden	2019	104
Massachusetts	Hampshire	2016	53
Massachusetts	Hampshire	2017	52
Minnesota	Hennepin	2016	166
Minnesota	Hennepin	2017	198
Minnesota	Hennepin	2018	189
Minnesota	Hennepin	2019	178
Minnesota	Lake	2016	19

Minnesota	Lake	2017	35
Minnesota	Lake	2018	55
Minnesota	Lake	2019	30
Minnesota	Lyon	2016	28
Minnesota	Lyon	2017	53
Minnesota	Lyon	2018	57
Minnesota	Lyon	2019	56
Massachusetts	Hampshire	2018	79
Massachusetts	Hampshire	2019	68
Massachusetts	Middlesex	2016	21
Massachusetts	Middlesex	2017	14
Massachusetts	Middlesex	2018	57
Massachusetts	Middlesex	2019	75
Massachusetts	Norfolk	2016	36
Minnesota	Mille Lacs	2016	7
Minnesota	Mille Lacs	2017	9
Minnesota	Mille Lacs	2018	12
Minnesota	Mille Lacs	2019	8
Minnesota	Olmsted	2016	70
Minnesota	Olmsted	2017	111
Minnesota	Olmsted	2018	139
Minnesota	Olmsted	2019	93
Minnesota	Ramsey	2016	93
Minnesota	Ramsey	2017	119
Minnesota	Ramsey	2018	147
Minnesota	Ramsey	2019	119
Massachusetts	Norfolk	2017	23
Massachusetts	Norfolk	2018	15
Massachusetts	Norfolk	2019	10
Massachusetts	Plymouth	2016	67
Massachusetts	Plymouth	2017	80
Massachusetts	Plymouth	2018	82
Massachusetts	Plymouth	2019	74
Minnesota	Saint Louis	2016	42
Minnesota	Saint Louis	2017	58

Minnesota	Saint Louis	2018	79
Minnesota	Saint Louis	2019	58
Minnesota	Scott	2016	33
Minnesota	Scott	2017	42
Minnesota	Scott	2018	49
Minnesota	Scott	2019	92
Minnesota	Stearns	2016	48
Minnesota	Stearns	2017	71
Minnesota	Stearns	2018	81
Minnesota	Stearns	2019	54
Massachusetts	Suffolk	2016	186
Massachusetts	Suffolk	2017	264
Massachusetts	Suffolk	2018	245
Massachusetts	Suffolk	2019	141
Massachusetts	Worcester	2016	77
Massachusetts	Worcester	2017	74
Massachusetts	Worcester	2018	96
Massachusetts	Worcester	2019	127
Minnesota	Washington	2016	91
Minnesota	Washington	2017	147
Minnesota	Washington	2018	207
Minnesota	Washington	2019	68
Minnesota	Winona	2016	11
Minnesota	Winona	2017	15
Minnesota	Winona	2018	17
Minnesota	Winona	2019	13
Minnesota	Wright	2016	53
Minnesota	Wright	2017	88
Minnesota	Wright	2018	91
Minnesota	Wright	2019	73

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Hazardous Days	Median AQI	Days PM2.5	Days PM10	Census Populat
0	36	16	0	215,907
0	37	12	0	216,445
0	36	16	0	217,042
0	36	6	0	216,562
0	36	355	0	128,093
0	47	346	0	127,501
0	42	308	0	127,453
0	41	213	0	126,675
0	38	159	0	1025246
0	43	219	0	1040812
0	44	204	0	1049392
0	39	152	0	1057841
0	29	175	0	99129
0	35	194	0	100514
0	35	183	0	101633
0	31	190	0	102609
0	24	358	0	135755
0	27	353	0	137669
0	31	352	0	138869
0	26	352	0	140034
0	37	106	0	562,028
0	42	141	0	565,779
0	44	148	0	570,315
0	43	116	0	571,244
0	36	30	0	17,342
0	37	15	0	17,354
0	37	17	0	17,508
0	39	11	0	17,529
0	31	159	0	105141
0	31	194	0	105337
0	30	208	0	106216
0	28	150	0	107179
0	31	320	0	87335
0	18	350	0	88249

0	18	356	0	15474
0	24	351	0	15794
0	23	353	0	16011
0	22	334	0	16171
0	34	264	0	187606
0	39	112	0	785,832
0	40	141	0	790,806
0	42	183	0	795,974
0	41	169	0	797,636
0	38	141	0	71,405
0	37	142	0	71,406
0	38	129	0	71,634
0	34	189	0	189695
0	32	206	0	191775
0	31	197	0	193881
0	34	332	0	1233836
0	37	315	0	1252531
0	41	333	0	1262418
0	36	342	0	1272147
0	34	0	0	137020
0	34	0	0	136839
0	38	0	0	137895
0	37	0	0	138979
0	40	175	0	71,264
0	41	136	0	471,407
0	42	171	0	471,460
0	41	175	0	472,247
0	43	201	0	470,260
0	38	81	0	163,657
0	38	76	0	163,559
0	48	180	150	3639344
0	52	188	136	3705603
0	51	216	102	3734409
0	49	230	91	3760561
0	24	147	58	31077

0	30	133	67	30966
0	34	108	108	31363
0	31	213	33	31789
0	32	175	0	76186
0	35	170	0	76592
0	36	240	0	76843
0	34	199	0	77083
0	40	137	0	163,940
0	41	132	0	164,784
0	33	0	0	1,605,075
0	33	0	0	1,615,496
0	38	152	0	1,621,657
0	41	189	0	1,626,047
0	37	10	0	703,037
0	30	0	0	76032
0	33	0	0	76485
0	30	0	0	77324
0	32	0	0	77967
0	37	206	0	450021
0	42	194	0	457980
0	44	277	0	462597
0	40	227	0	467532
0	38	351	15	1596537
0	41	343	21	1619712
0	44	341	24	1631174
0	39	346	19	1641250
0	36	0	0	707,246
0	32	0	0	711,201
0	34	0	0	715,667
0	39	155	0	516,208
0	39	153	0	520,538
0	39	151	0	524,675
0	40	170	0	528,325
0	34	128	7	591657
0	36	114	10	590641

0	39	132	10	594865
0	38	203	9	599012
0	32	46	0	423703
0	34	54	0	433100
0	37	78	0	436605
0	38	173	0	439857
0	33	196	0	460312
0	37	193	0	468298
0	38	207	0	472676
0	34	150	0	477496
0	51	316	0	797,145
0	56	340	0	805,379
0	53	341	0	809,170
0	46	297	0	811,632
0	41	131	0	826,390
0	40	120	0	832,486
0	40	152	0	836,242
0	45	234	0	837,693
0	36	146	33	747561
0	46	231	23	759716
0	53	270	49	766822
0	37	89	1	774211
0	19	117	0	150838
0	22	119	0	150360
0	26	113	0	151229
0	21	115	0	152294
0	36	210	0	391602
0	39	205	0	399395
0	42	197	0	403264
0	36	163	0	407174

Age Adjusted Rate

59.8

54.2

52.7

45.2

73.9

61.1

59.2

49.6

30.6

29.1

28.4

24.5

27.5

29.2

29.5

25.0

33.1

28.0

25.5

22.8

75.6

72.4

73.6

67.1

63.2

64.1

54.8

75.4

38.4

36.9

32.4

31.1

32.6

33.7

47.6
49.6
53.8
36.2
46.2
61.6
58.9
58.1
56.5
65.2
63.6
62.7
43.9
40.7
35.1
29.2
27.7
27.8
24.6
53.0
51.2
43.6
40.0
59.8
121.7
122.2
123.0
115.1
35.3
37.6
49.1
46.8
44.0
35.80
44.3

36.2
37.0
33.9
23.3
20.2
20.0
19.6
41.3
38.8
39.1
37.4
37.2
33.8
39.9
61.5
54.8
54.5
55.3
35.3
33.4
30.8
26.4
55.6
53.7
52.6
44.2
35.6
34.5
34.7
55.6
51.0
51.7
49.3
39.1
38.1

38.0
33.2
27.1
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27.1
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91.6
86.5
81.0
75.8
60.3
58.3
55.9
53.3
21.8
20.9
20.3
17.9
30.7
29.0
26.5
22.1
17.7
17.4
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14.4