

2008 – 2010 Ozone Air Quality Data Update

Based on ozone air quality monitoring data for the three year period 2008 – 2010, all of New England counties have an average annual 4th maximum 8-hour daily maximum O₃ concentrations meeting the level of the 1997 8-hour O₃ National Ambient Air Quality Standard (NAAQS) of 0.08 ppm.

New England Counties 2008 – 2010 8-hour Ozone Design Values

State	County	8-hour Ozone Design Value ¹
Connecticut	Fairfield	81
Connecticut	Hartford	74
Connecticut	Litchfield	73
Connecticut	Middlesex	77
Connecticut	New Haven	76
Connecticut	New London	76
Connecticut	Tolland	78
Maine	Androscoggin	65
Maine	Aroostook	53
Maine	Cumberland	70
Maine	Hancock	74
Maine	Kennebec	64
Maine	Knox	66
Maine	Oxford	56
Maine	Penobscot	59
Maine	Sagadahoc	63
Maine	Washington	60
Maine	York	72
Massachusetts	Barnstable	74
Massachusetts	Bristol	75
Massachusetts	Dukes	77

Massachusetts	Essex	74
Massachusetts	Hampden	76
Massachusetts	Hampshire	77
Massachusetts	Middlesex	71
Massachusetts	Norfolk	73
Massachusetts	Suffolk	72
Massachusetts	Worcester	75
New Hampshire	Belknap	65
New Hampshire	Cheshire	64
New Hampshire	Coos	72
New Hampshire	Grafton	62
New Hampshire	Hillsborough	75
New Hampshire	Merrimack	66
New Hampshire	Rockingham	69
Rhode Island	Kent	71
Rhode Island	Providence	72
Rhode Island	Washington	76
Vermont	Bennington	68
Vermont	Chittenden	64

¹ The Level of the 1997 8-hour ozone (O₃) National Ambient Air Quality Standard (NAAQS) is 0.08 parts per million (ppm). The air quality design value for the 8-hour O₃ NAAQS is the 3-year average of the annual 4th highest daily maximum 8-hour average O₃ concentrations. The 8-hour O₃ NAAQS is not met when the 8-hour design value is greater than 0.08 ppm (85 ppb rounds up).