

2017 – 2019 Ozone Air Quality Data Update

In 2015, the 8-hour ozone National Ambient Air Quality Standard (NAAQS) was revised to 0.070 ppm. Based on ozone air quality monitoring data for the three year period 2017– 2019, there are 11 counties in New England exceeding the revised 8-hour ozone standard.

New England Counties 2017 – 2019 8-hour Ozone Design Values

State	County	8-hour Ozone Design Value (ppb) ¹
Connecticut	Fairfield	82
Connecticut	Hartford	69
Connecticut	Litchfield	66
Connecticut	Middlesex	77
Connecticut	New Haven	82
Connecticut	New London	75
Connecticut	Tolland	71
Connecticut	Windham	71
Maine	Androscoggin	57
Maine	Aroostook	53
Maine	Cumberland	64
Maine	Hancock	69
Maine	Kennebec	60
Maine	Knox	61
Maine	Penobscot	56
Maine	Washington	60
Maine	York	64
Massachusetts	Bristol	66
Massachusetts	Essex	68
Massachusetts	Hampden	69
Massachusetts	Hampshire	66
Massachusetts	Middlesex	62

Massachusetts	Norfolk	66
Massachusetts	Plymouth	67
Massachusetts	Suffolk	65
Massachusetts	Worcester	66
New Hampshire	Belknap	57
New Hampshire	Cheshire	59
New Hampshire	Coos	56
New Hampshire	Grafton	57
New Hampshire	Hillsborough	62
New Hampshire	Merrimack	60
New Hampshire	Rockingham	65
Rhode Island	Kent	71
Rhode Island	Providence	73
Rhode Island	Washington	69
Vermont	Bennington	62
Vermont	Chittenden	58
Vermont	Rutland	59

¹ The Level of the 2015 8-hour ozone (O₃) National Ambient Air Quality Standard (NAAQS) is 0.070 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 0.070 ppm (70 ppb).