

2005 - 2007 Ozone Air Quality Data Update

Based on ozone air quality monitoring data for the three year period 2005 - 2007, 10 New England counties have average annual 4th maximum 8-hour daily maximum O₃ concentrations greater than the level of the 8-hour O₃ National Ambient Air Quality Standard (NAAQS).

New England counties failing to meet the 8-hr ozone NAAQS, 2005-2007

State	County	8-hour Ozone Design Value ¹ (ppb)
Connecticut	Fairfield	94
Connecticut	Hartford	90
Connecticut	Litchfield	89
Connecticut	Middlesex	92
Connecticut	New Haven	93
Connecticut	New London	88
Connecticut	Tolland	91
Massachusetts	Hamden	92
Massachusetts	Hampshire	87
Massachusetts	Norfolk	86
Rhode Island	Kent	86

SOURCE: U.S. EPA's Aerometric Information Retrieval System (AIRS)

¹ The level of the 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).

For additional information on air quality data relative to the 8-hour ozone NAAQS, refer to <http://www.epa.gov/ttn/rto/areas/aqdata.htm>