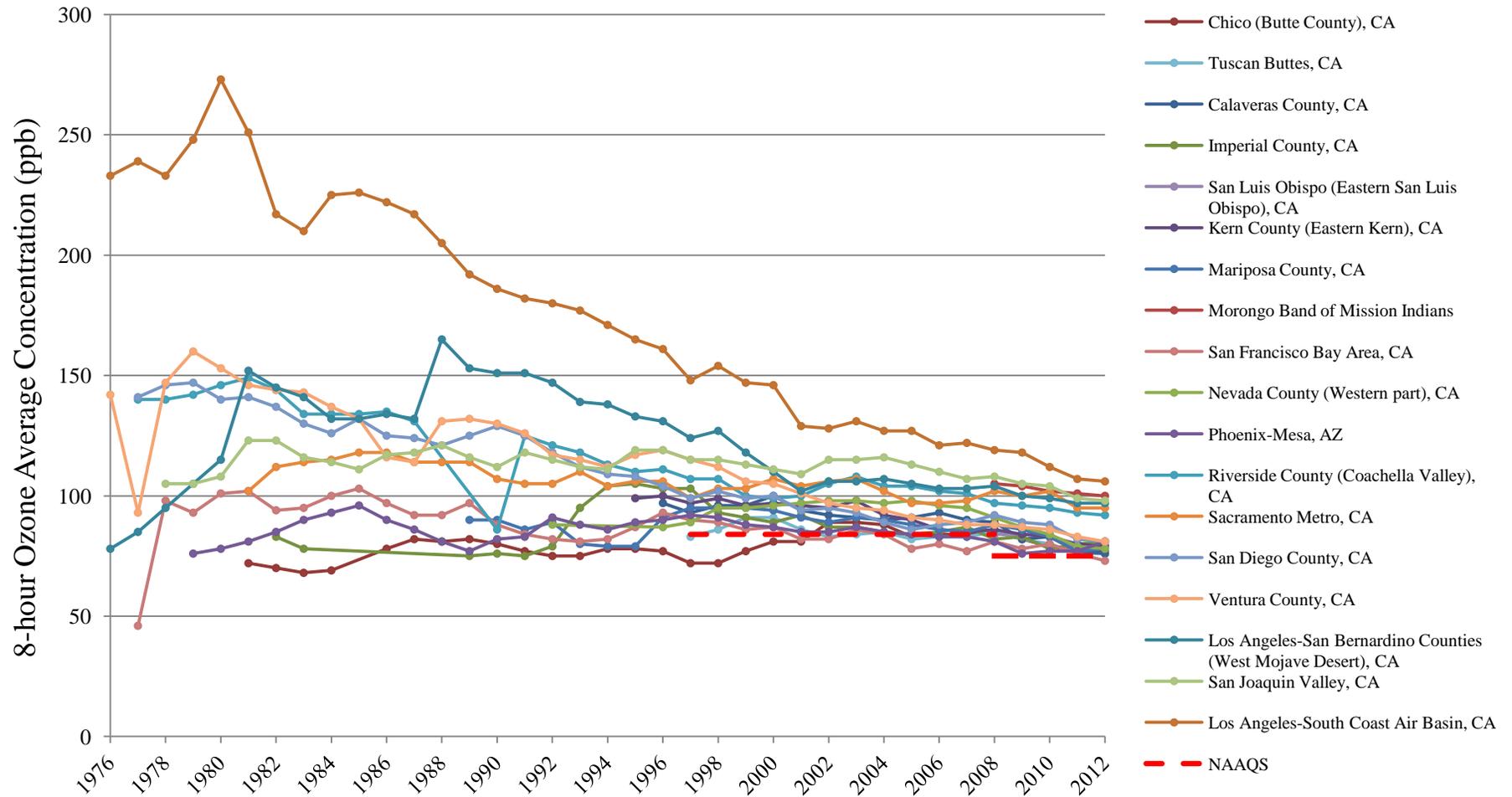


US EPA REGION 9 AIR QUALITY TRENDS, 1976-2012

8-HOUR OZONE (O₃) DESIGN VALUE CONCENTRATIONS BY NONATTAINMENT AREA



Source: US EPA's Air Quality Systems (AQS) database (July 11, 2012 and June 28, 2013; last updated July 7, 2013).

The 2008 national ambient air quality standard (NAAQS) for 8-hour ozone is 0.075 parts per million (ppm), or 75 parts per billion (ppb). The design value is a calculation of each year's 4th-highest day's recorded values, averaged over a 3-year period at an air quality monitor. The *San Joaquin Valley, CA* 2011 value represents the highest 3-year average of the annual fourth-highest daily maximum 8-hour average ozone concentrations using currently available data from regulatory monitors in this area, but does not officially represent the design value due to potential network issues. The air quality monitor that has the highest design value for each year in a nonattainment area is shown here; nearby monitors are used to represent local air quality until a monitor with three years' worth of valid data is available in this designated nonattainment area. X-axis labels represent the last year of a monitor's 3 year time period. All exceptional event data (e.g., high winds and wildfires) that EPA has concurred on have been excluded from design value calculations.