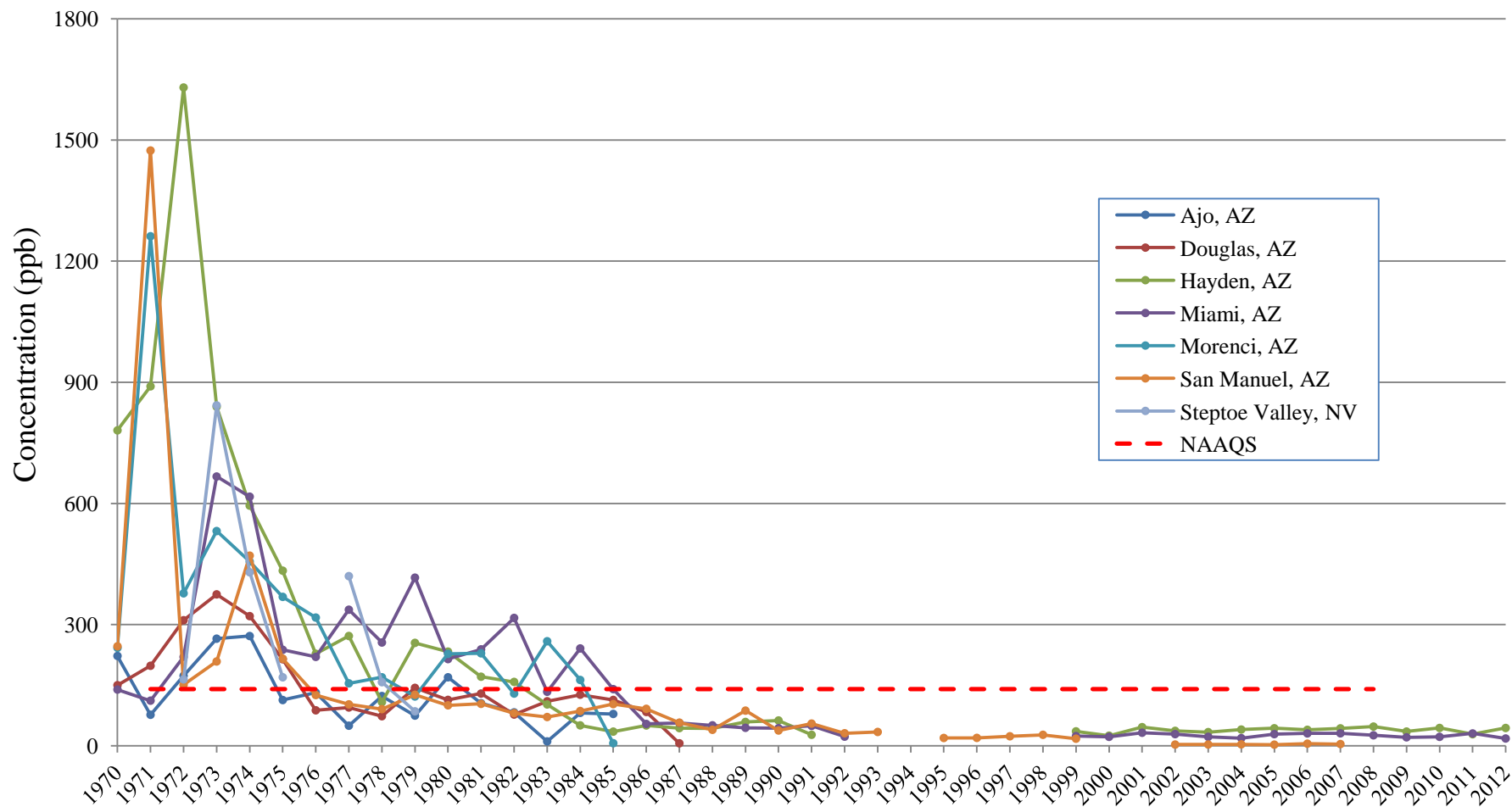


## US EPA REGION 9 AIR QUALITY TRENDS, 1970-2012 24-HOUR SULFUR DIOXIDE (SO<sub>2</sub>) DESIGN VALUES BY DESIGNATED AREA\*



\*As designated under the 1971 sulfur dioxide (SO<sub>2</sub>) primary national ambient air quality standard (NAAQS).

Source: US EPA's Air Quality Systems (AQS) database (August 31, 2012 and June 25, 2013, last updated July 15, 2013). The 1971 NAAQS for 24-hour SO<sub>2</sub> is 140 parts per billion (ppb), not to be exceeded more than once in a calendar year. The form of the design value for primary 24-hour SO<sub>2</sub> is the 2<sup>nd</sup>-highest average value, based on hour data that are at least 75% complete for each calendar quarter. Not all design values are valid due to incomplete data. The primary annual and 24-hour SO<sub>2</sub> standards were revoked in 2010. No monitoring data is available for the nonattainment areas in Guam.