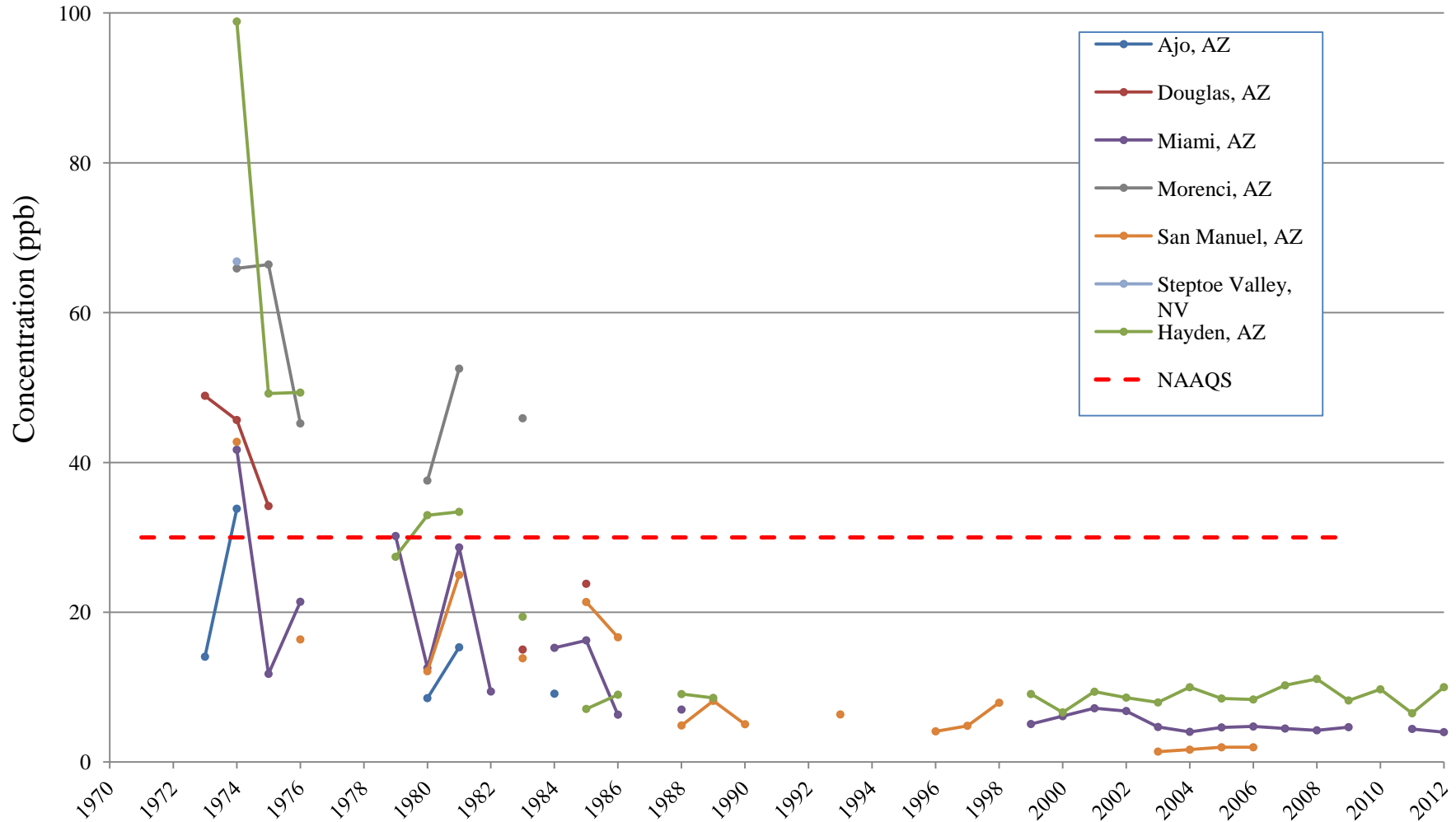


# US EPA REGION 9 AIR QUALITY TRENDS, 1970-2012

## ANNUAL 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 annual SO<sub>2</sub> NAAQS is 0.030 parts per million (ppm), not to be exceeded in a calendar year. The form of the design value for primary annual SO<sub>2</sub> is the calculated annual arithmetic mean value, rounded to 3 decimal places. The primary annual and 24-hour SO<sub>2</sub> standards were revoked in 2010. All exceptional event data (e.g., high winds and wildfires) that EPA has concurred on have been excluded from design value calculations. No monitoring data is available for the nonattainment areas in Guam.