

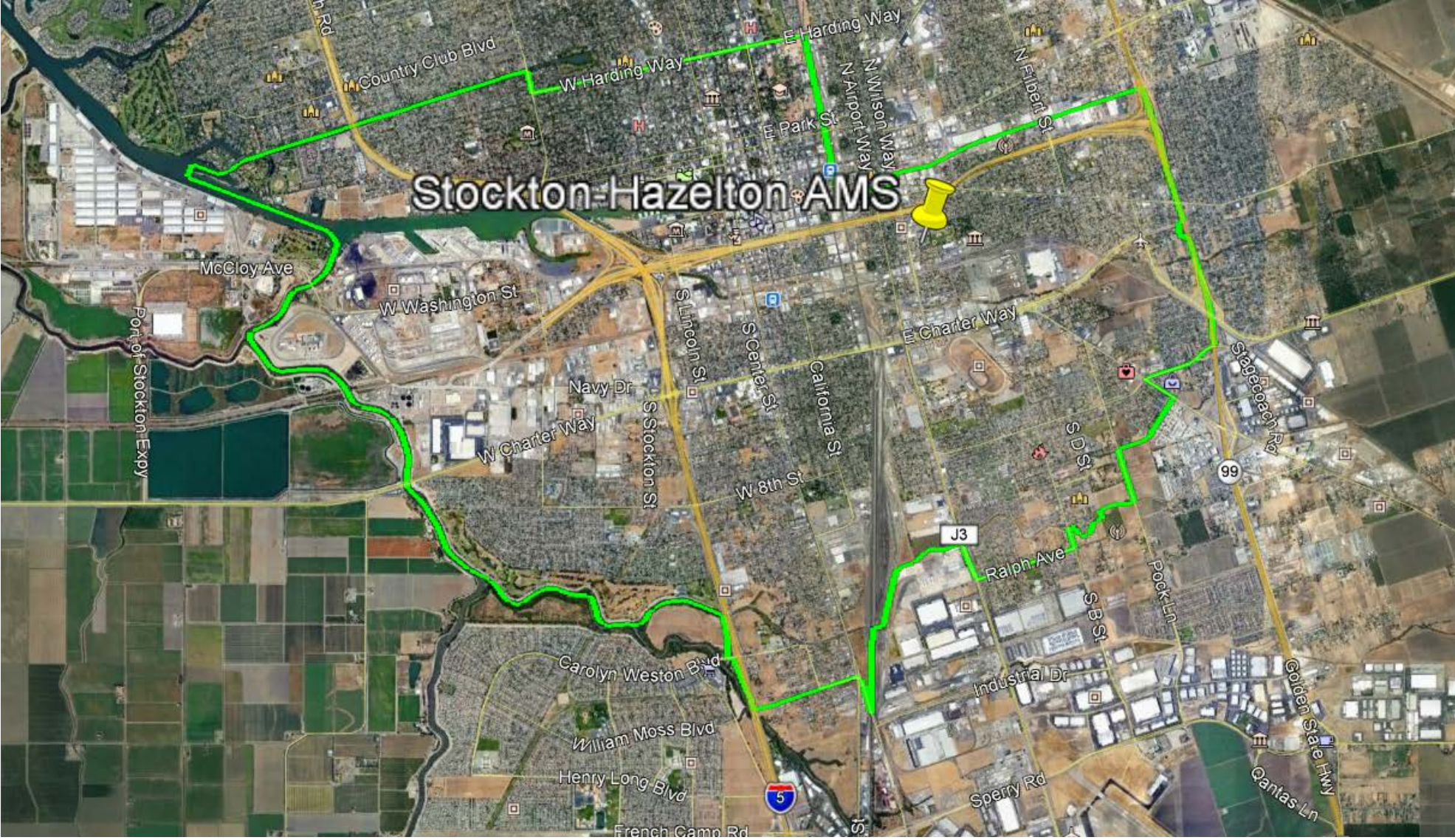
Historical Air Quality Trends in the Stockton Community

June 3, 2020

Jon Klassen

Director of Air Quality Science and Planning
San Joaquin Valley Air Pollution Control District

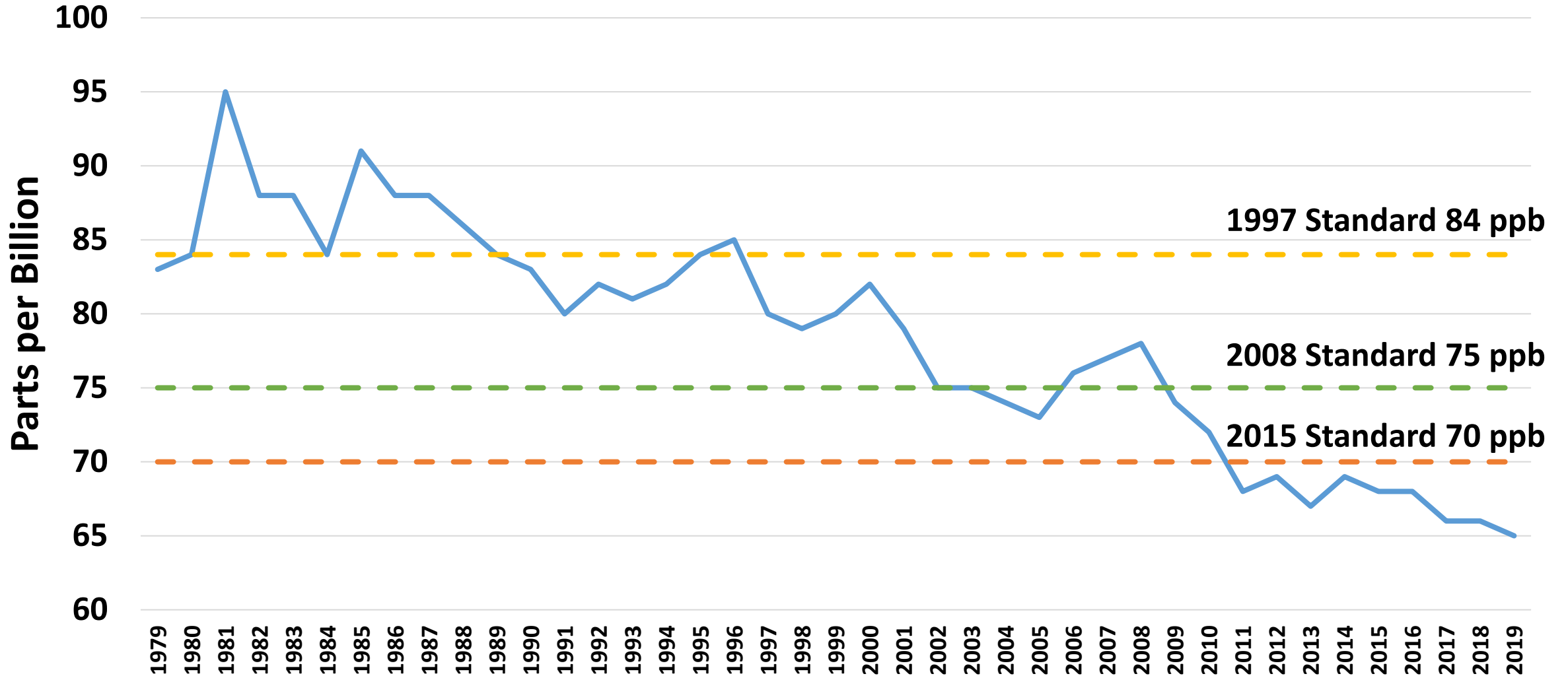
Current Air Monitoring in Stockton Community



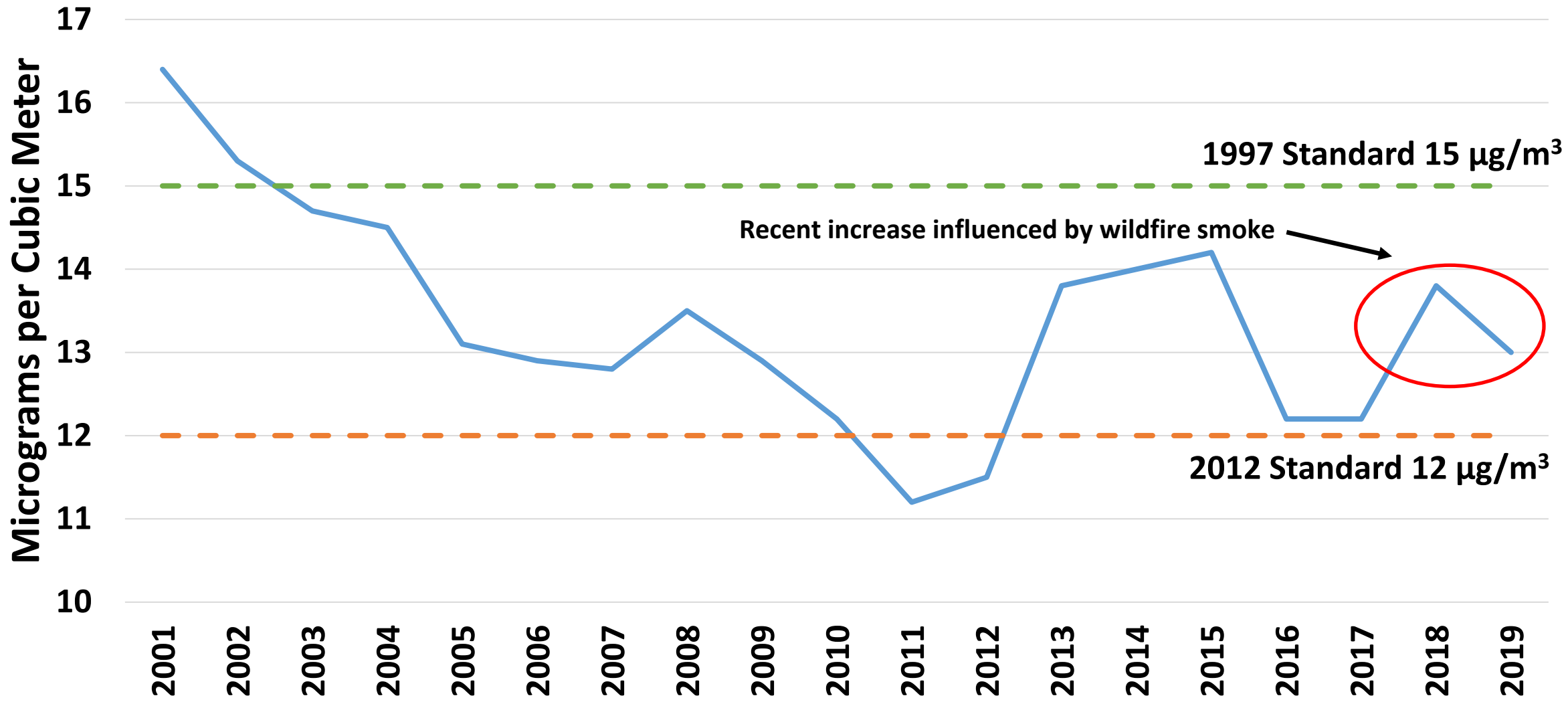
Current Air Monitoring in Stockton Community (cont'd)

- Stockton-Hazelton site operated by CARB and is part of the Valley's regulatory air monitoring network
 - Measures Ozone, NO/NO₂/NO_x, CO, PM_{2.5}, PM₁₀, Toxics, Meteorology
 - Located near Wilson and Hazelton Avenues at San Joaquin County Public Health building
- Ongoing air monitoring operations at this existing site provides valuable data that will be used to complement the community air monitoring network to be developed with Community Steering Committee
- Historical data for this site is available on CARB website
 - <https://www.arb.ca.gov/aqmis2/aqmis2.php>

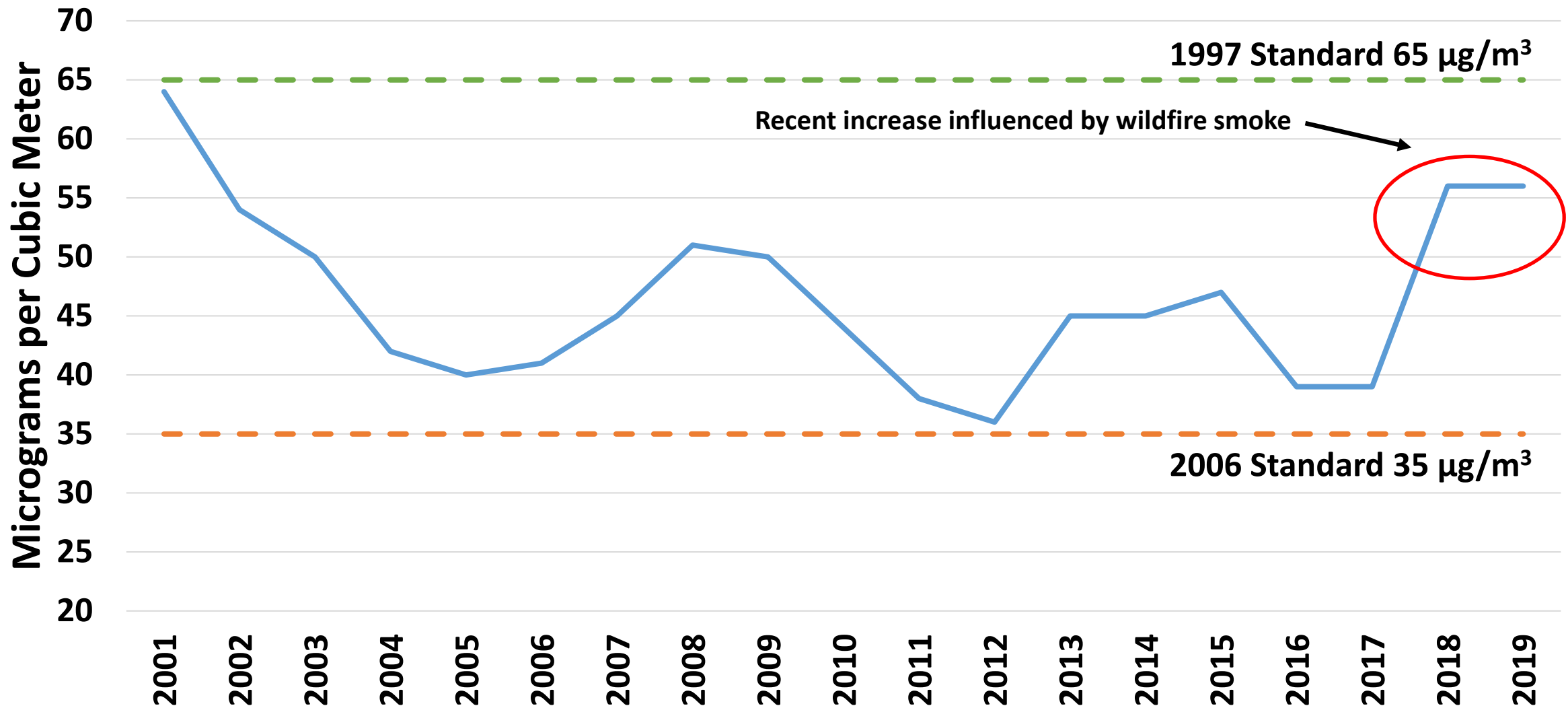
Trend of 8-hour Ozone in Stockton



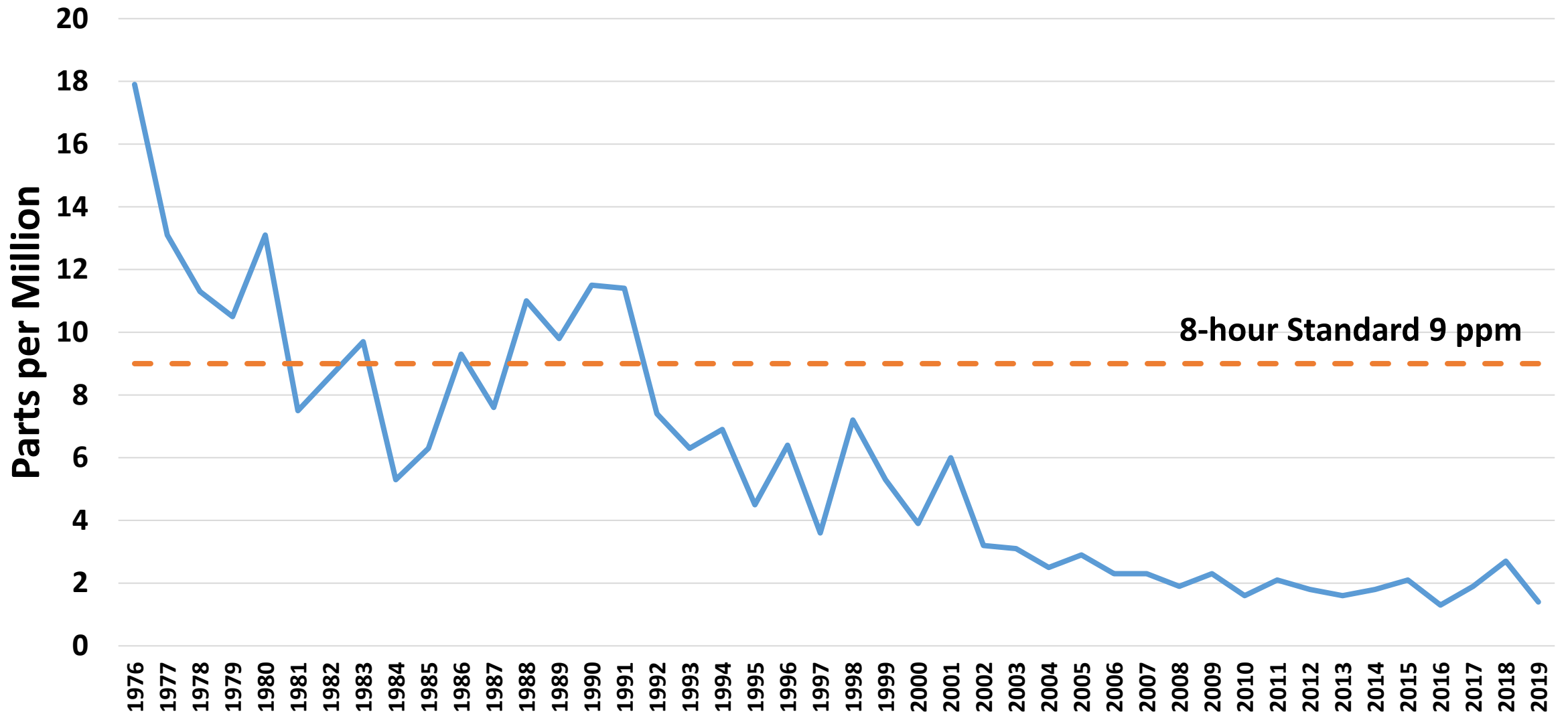
Trend of Annual PM2.5 in Stockton



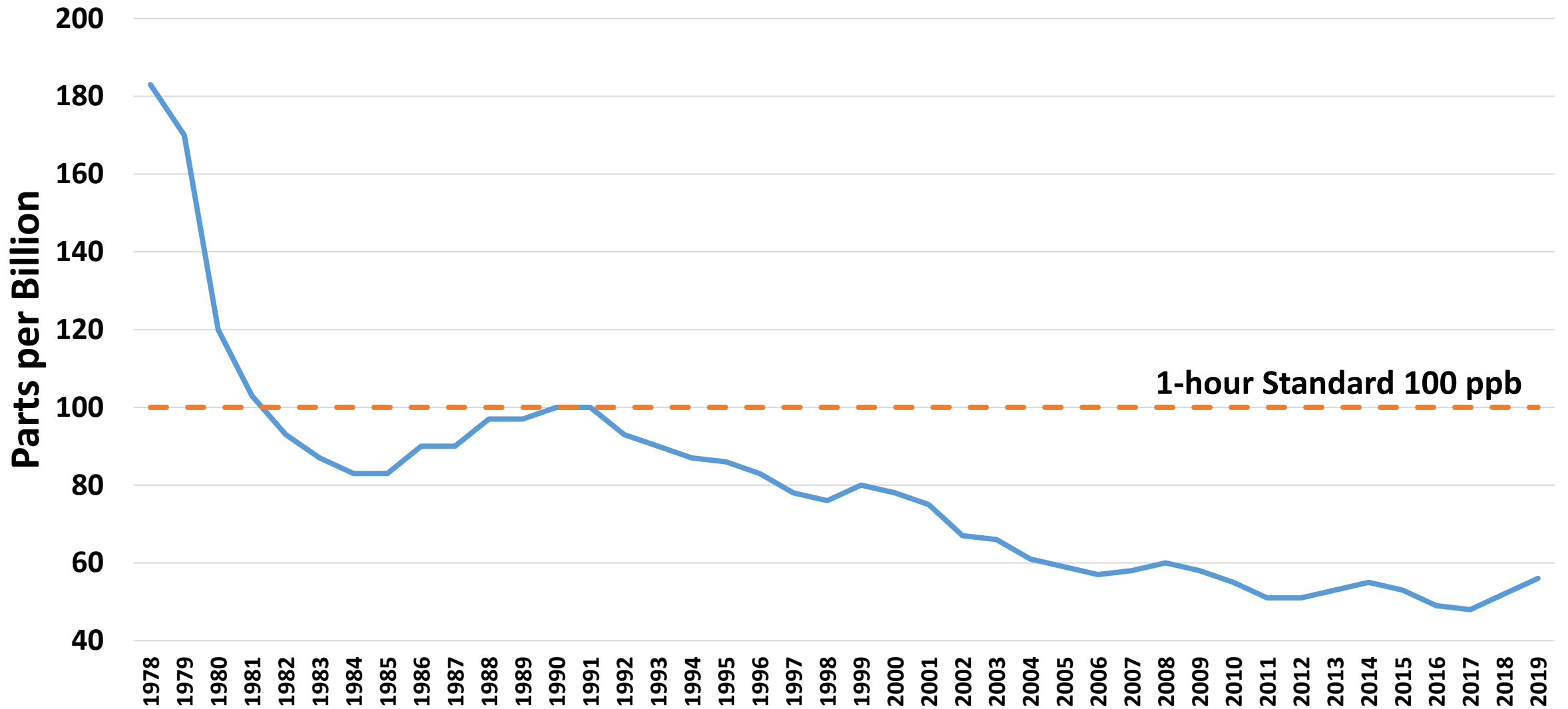
Trend of 24-hour PM2.5 in Stockton



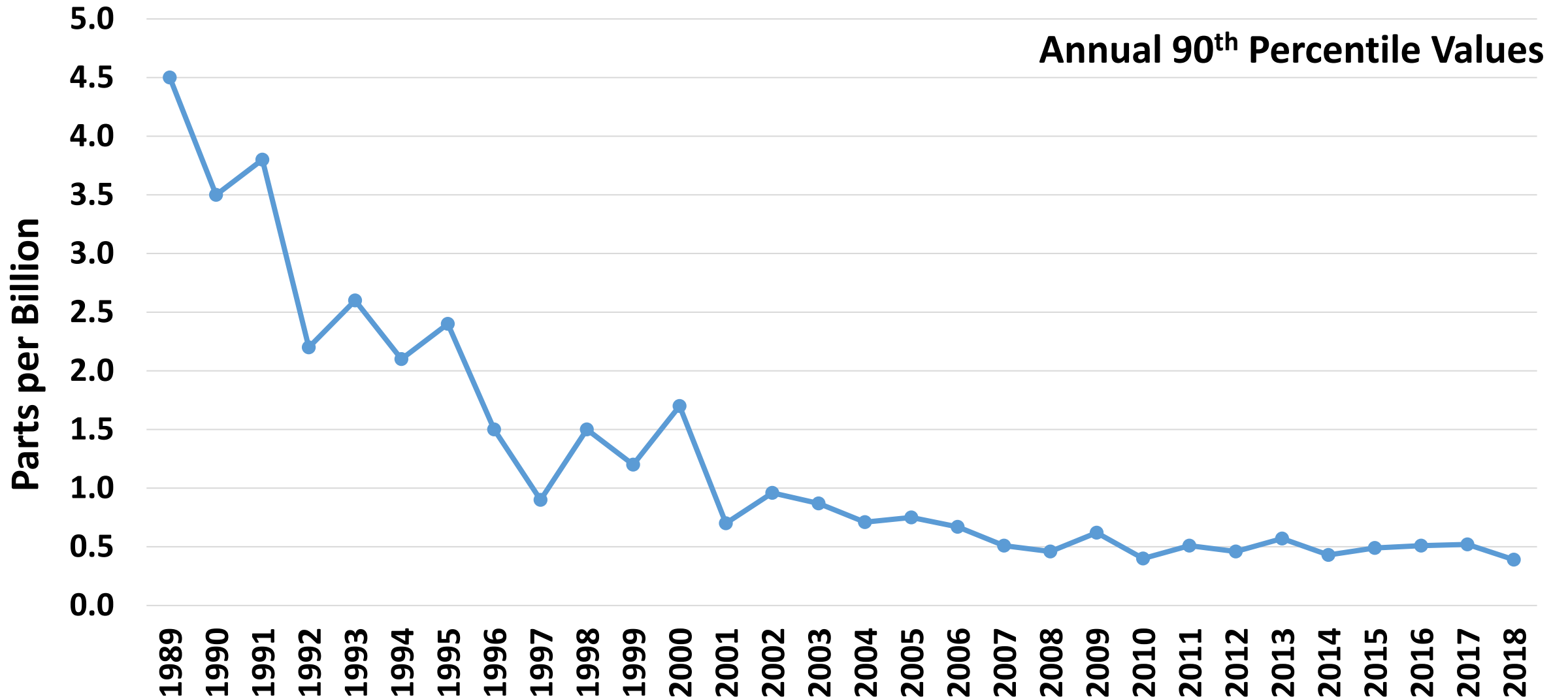
Trend of 8-hour Carbon Monoxide in Stockton



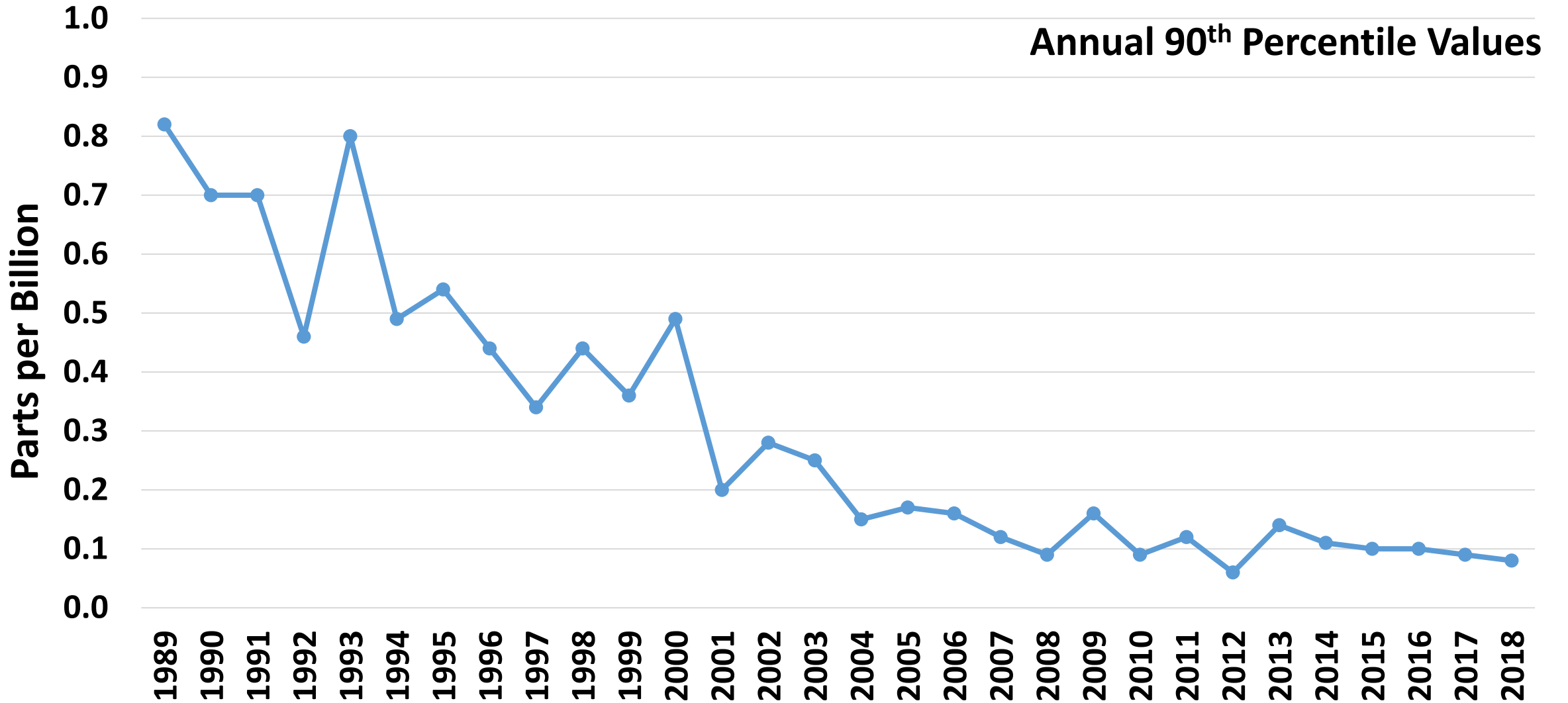
Trend of 1-hour Nitrogen Dioxide in Stockton



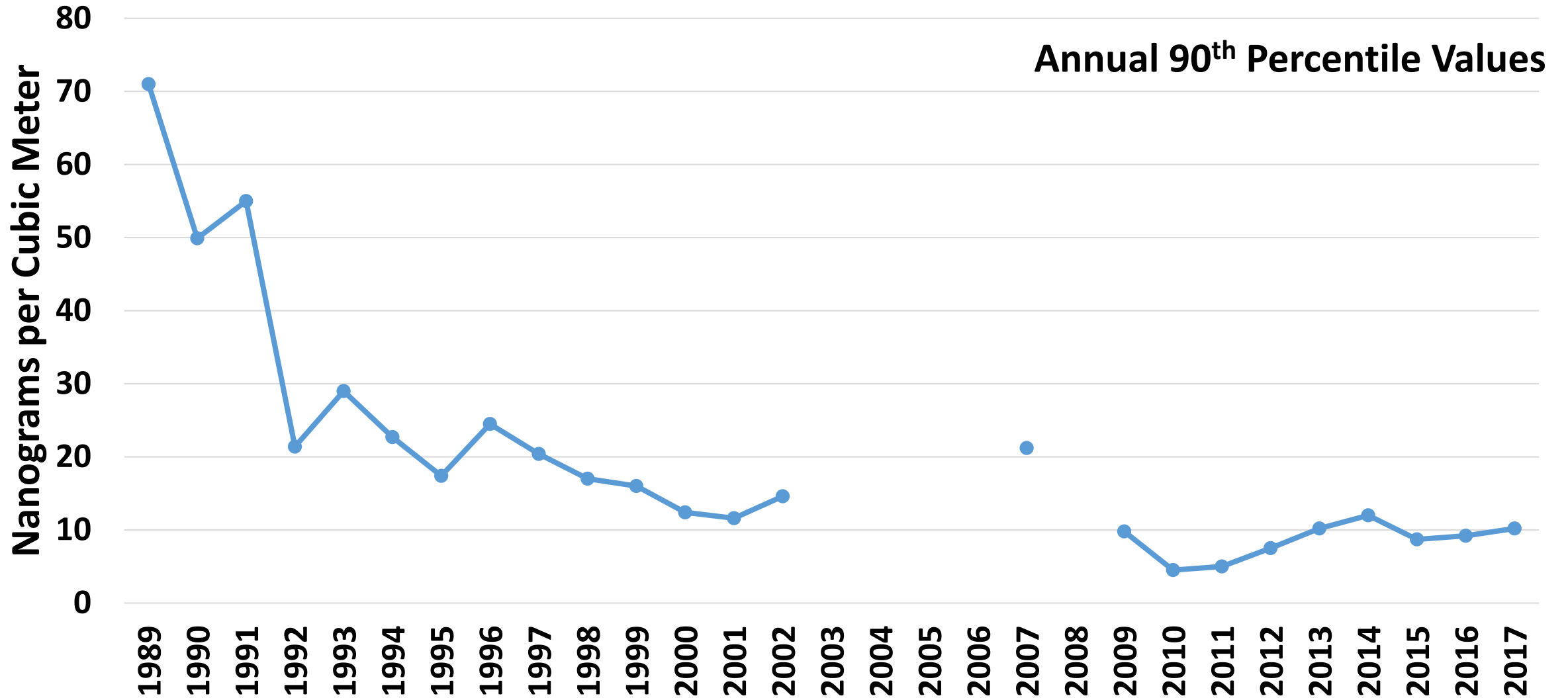
Trend of Peak Benzene in Stockton



Trend of Peak 1,3-Butadiene in Stockton



Trend of Peak Lead in Stockton



Ongoing Air Quality Progress

- Decades long air quality trends in Stockton community demonstrate continued reductions in concentrations of criteria pollutants and toxics
- Stockton community air quality already in attainment of numerous federal standards
 - Continued improvements are needed to meet remaining current federal standards
- AB 617 process to assist in identifying and addressing localized air quality issues through development and implementation of various strategies
 - Efforts will continue to improve air quality across the Stockton community