

# 2016-25 Washoe County, Nevada Air Quality Trends Report

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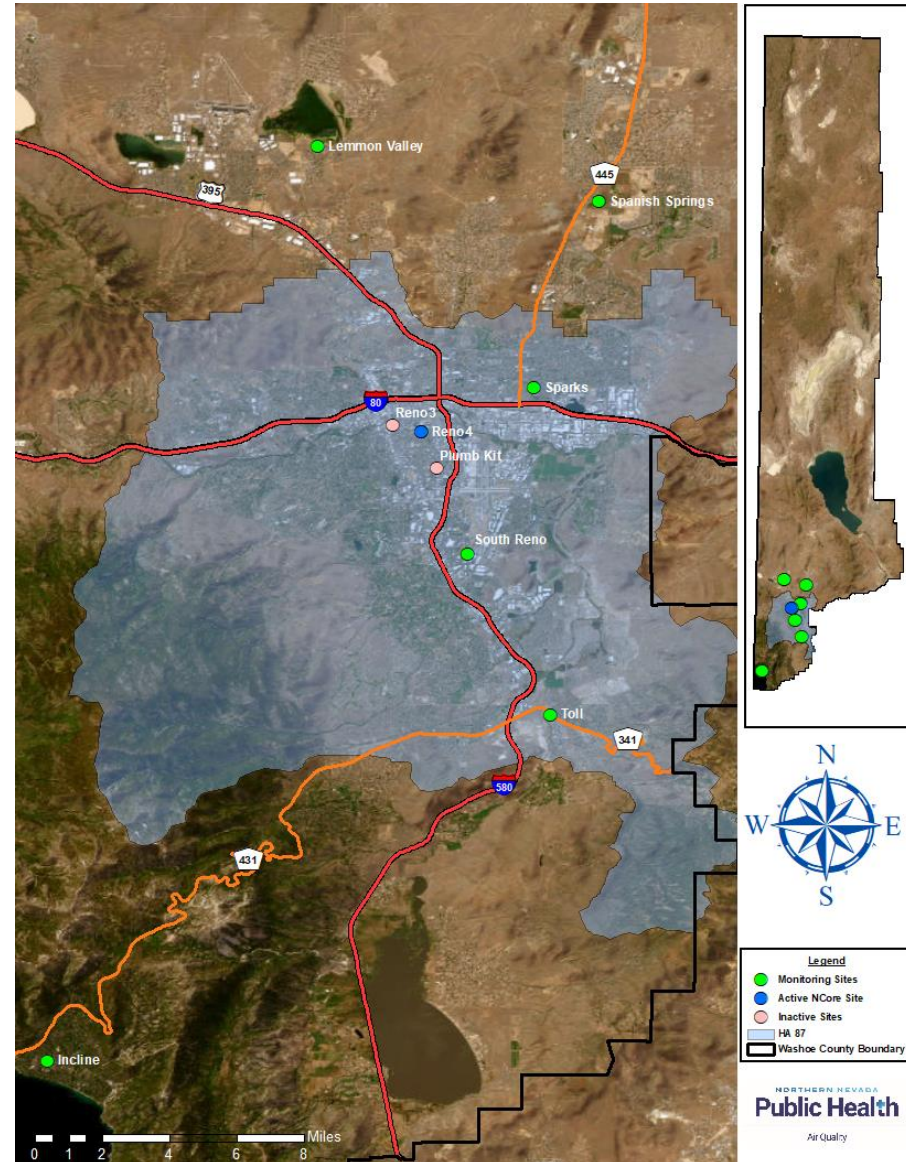
NNPH - AQMD

# National Ambient Air Quality Standards

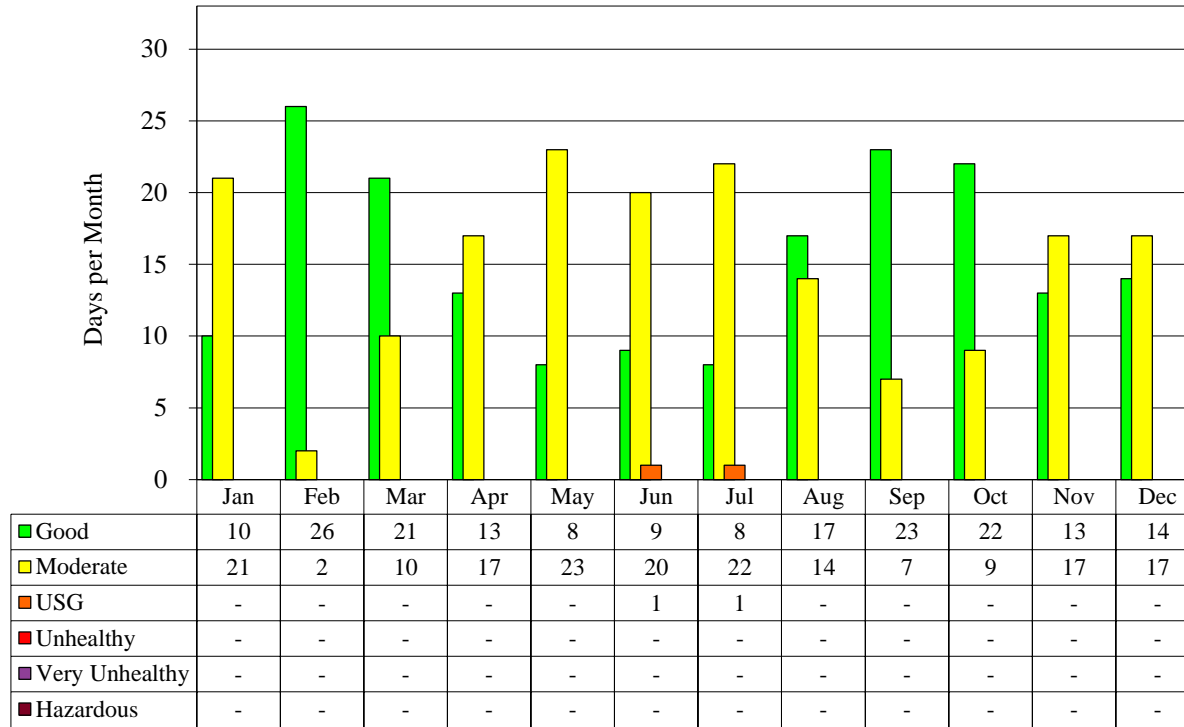
- The Clean Air Act requires the Environmental Protection Agency (EPA) to establish National Ambient Air Quality Standards (NAAQS) for pollutants considered harmful to public health and the environment.
- Currently, there are six criteria air pollutants.
  - Five of those six are monitored every hour of every day in Washoe County.

# Background

- The Annual Trends Report is an ambient air monitoring project assessment report used to satisfy the requirements of the federally approved Quality Assurance Project Plan (QAPP).
- It has been published by AQMD every year since 1989.
- Details ambient air quality data and information for criteria air pollutants over the last year and trends in the data over the last 10 years.



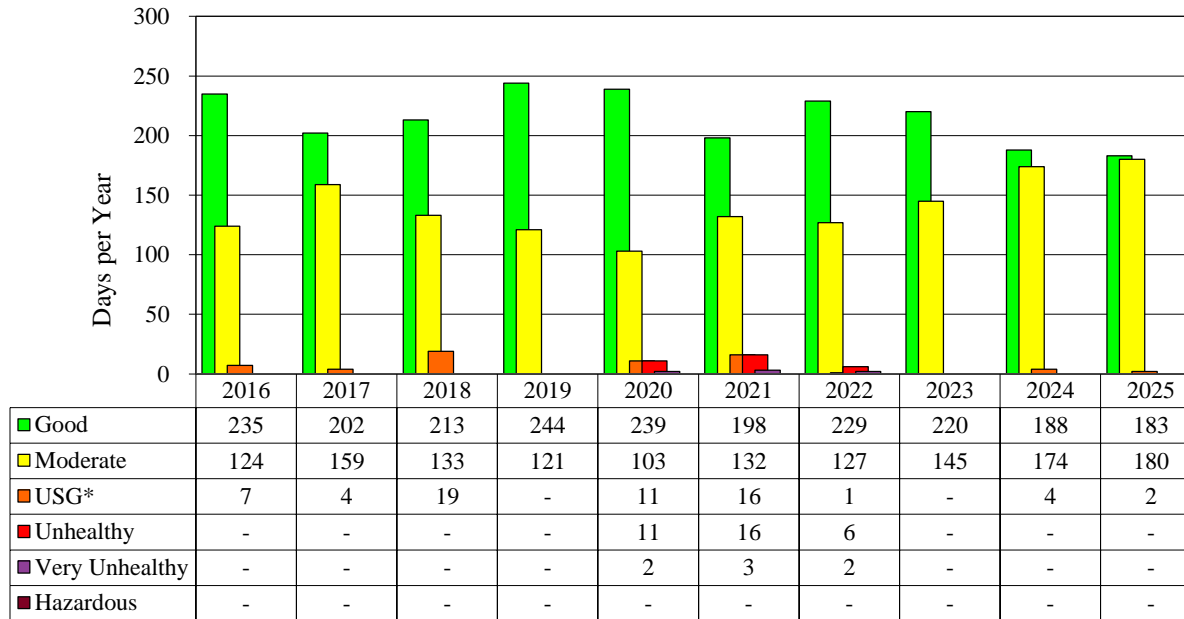
# Air Quality Index Monthly Summary for 2025



- In 2025, NNPH AQMD recorded two days at USG AQI or above.
- All USG AQI days were attributed to ground-level ozone pollution.
  - On July 10, 2025, smoke from the Green Fire contributed to the USG AQI for ozone recorded on the same day



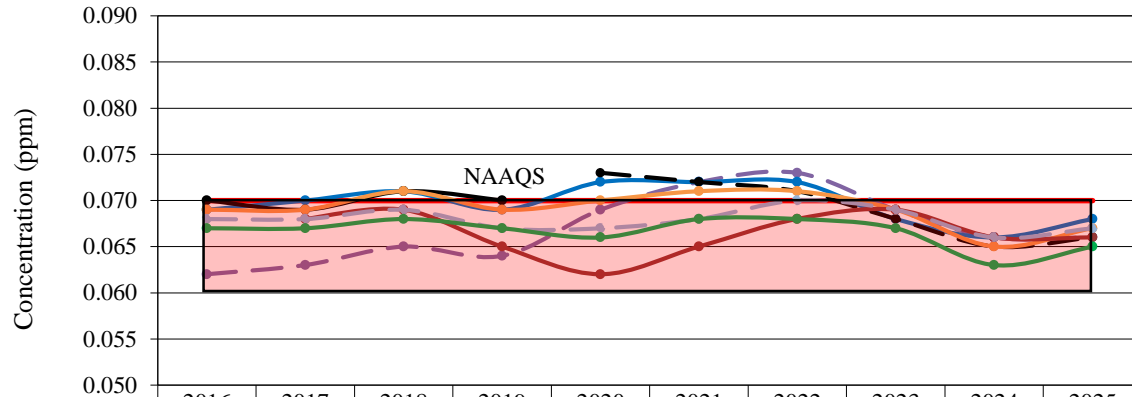
# Ten-Year AQI Trend



- The ten-year AQI trend continues to show improvements in the wintertime year over year but are outweighed by summertime wildfire impacts. Summertime wildfire impacts in the ten-year trend led to significant variability which makes it difficult to see AQI improvement over time.
- The greatest challenge to Washoe County’s air quality from local sources is increasing vehicle miles traveled that contribute to summertime ozone.



# Ozone Design Values



	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
— NAAQS	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070
— INC (2002)	0.062	0.063	0.065	0.064	0.069	0.072	0.073	0.069	0.066	0.066
— LEM (2009)	0.069	0.070	0.071	0.069	0.072	0.072	0.072	0.068	0.066	0.068
— RNO (0016)	0.070	0.069	0.071	0.070						
— REN (0031)					0.073	0.072	0.071	0.068	0.065	0.066
— SPK (1005)	0.069	0.069	0.071	0.069	0.070	0.071	0.071	0.069	0.065	0.067
— SPS (1007)		0.068	0.069	0.065	0.062	0.065	0.068	0.069	0.066	0.066
— SRN (0020)	0.068	0.068	0.069	0.067	0.067	0.068	0.070	0.069	0.066	0.067
— TOL (0025)	0.067	0.067	0.068	0.067	0.066	0.068	0.068	0.067	0.063	0.065

- Washoe County is not violating the ozone NAAQS but remains close to violating.
- A proactive approach must be taken to ensure future attainment of the ozone NAAQS.



# Takeaways

- Air pollution levels in Washoe County continues to improve in the wintertime due to wood-burning device regulations and our Burn Code.
- Increasing vehicle miles traveled is a major contributor to near-violation of the Ozone NAAQS.
- The Trends Report continues to be a valuable resource to inform air quality planning decisions.

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