

Update on South Central Fresno Community Air Monitoring

South Central Fresno CSC
Quarter 4 (October – December 2025)

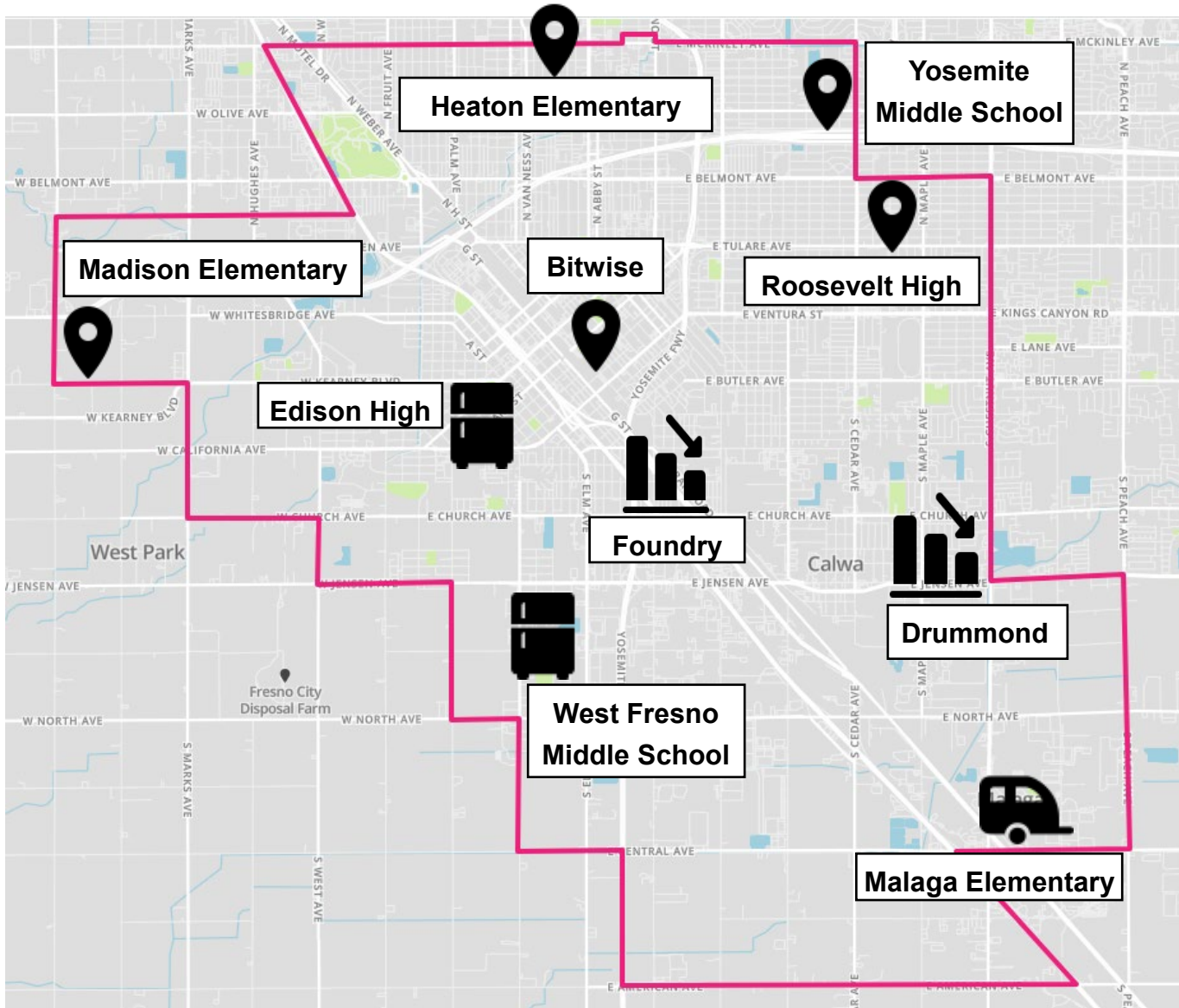
Air Monitoring Update

Status of Community Air Monitoring Plan Implementation

Review Air Monitoring Data Collected

Questions, Comments, And Recommendations

CAMP Fully Deployed



**PM2.5
Monitor**



Compact System: PM2.5, Black Carbon, Ozone, BTEX, NOx, VOC, CO (Edison), Toxics (Edison), SO2 (West Fresno)



**Regulatory Air
Monitor:** Foundry (PM2.5), Drummond (Ozone, NO2, PM10)



Trailer: PM2.5, Black Carbon, Ozone, CO, NO2/NO, H2S/SO2, BTEX



Mobile Monitoring

Van: respond to community concern

Community Air Monitoring Platforms



Community Air Monitoring Platforms (cont'd)



Ongoing Community Air Monitoring

- District continuing to conduct localized air monitoring in the South Central Fresno community
- Fully deployed air monitoring platforms across the community, according to Community Steering Committee recommended network design
- Air monitoring van available to monitor pollutants in areas of interest of the community
- Continue to seek input from CSC on air monitoring deployment and analysis

Air Monitoring Update Summary

Improving air quality over the past 6 years

2025 PM2.5 Annual Average similar to previous years

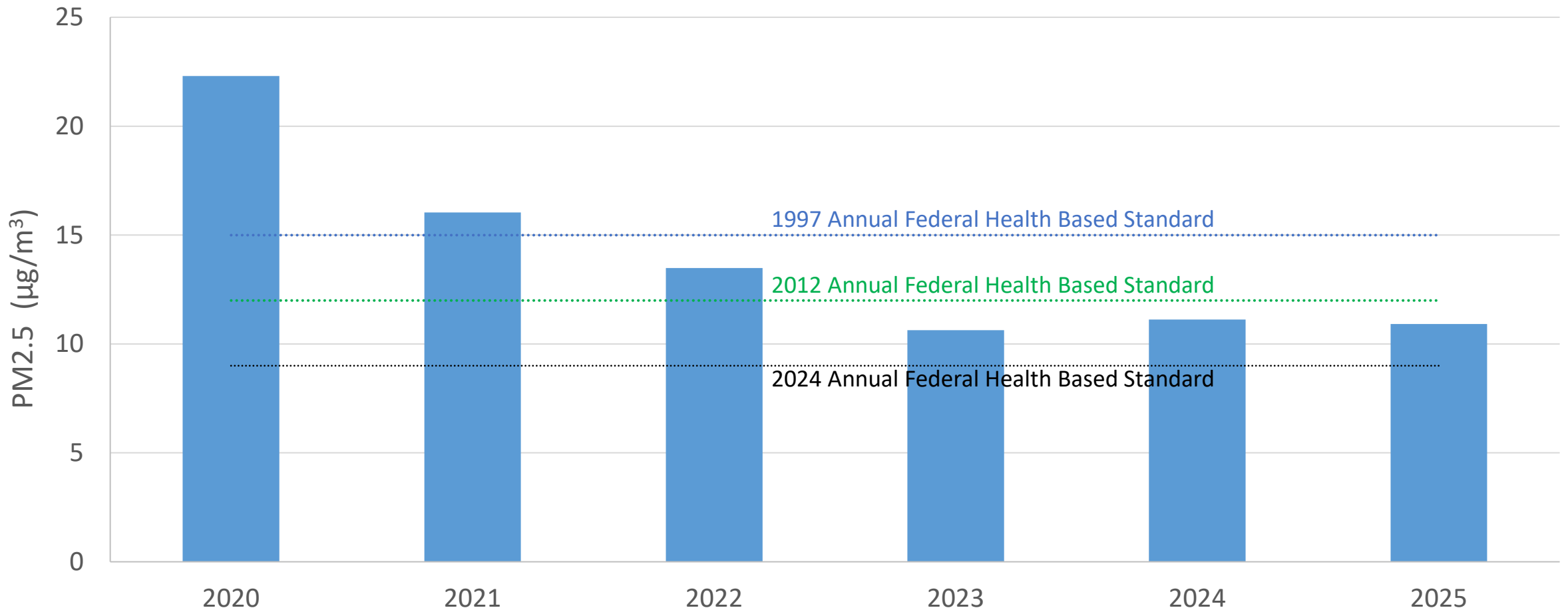
2025 Q4 PM2.5 levels lower than previous years

Van monitoring conducted near Edison H.S. recording similar values

Air monitoring data available online at your community portal

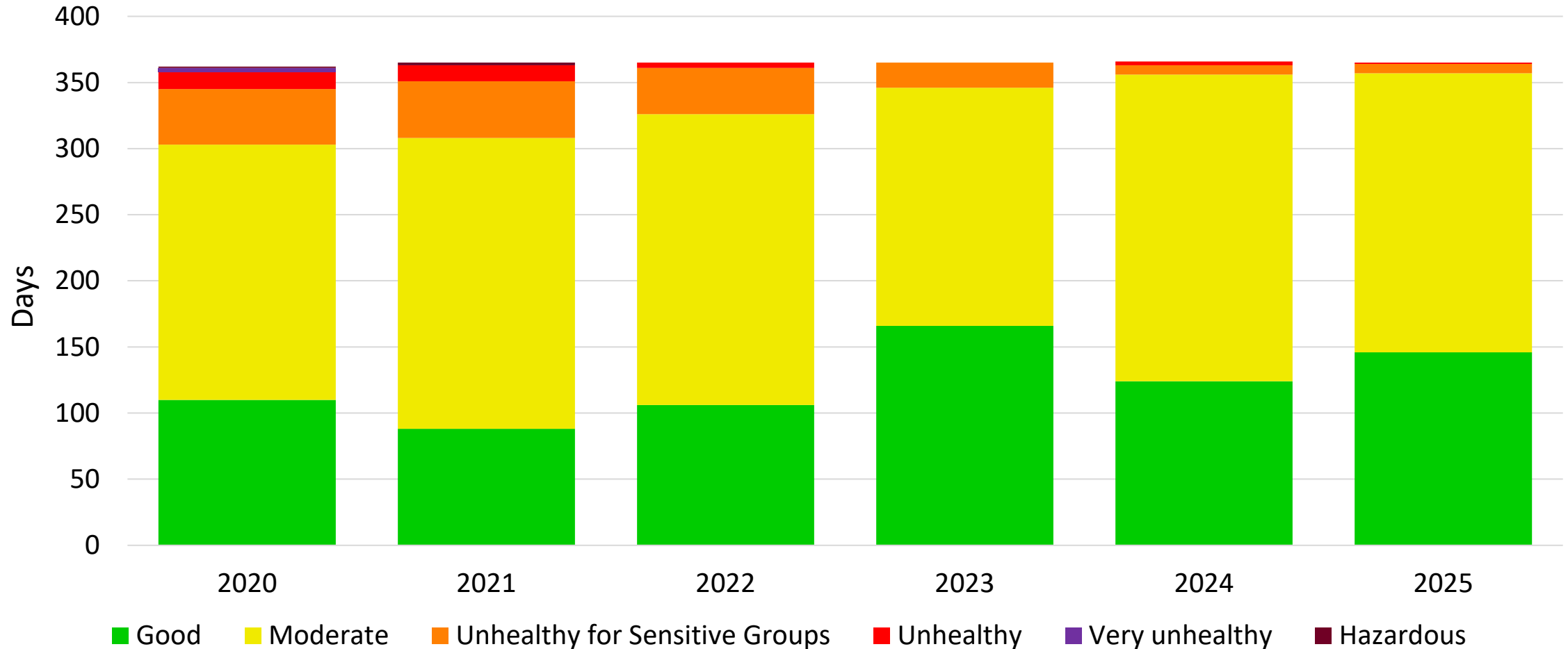
Annual Average PM2.5 for past 6 years

Improved air quality over the years



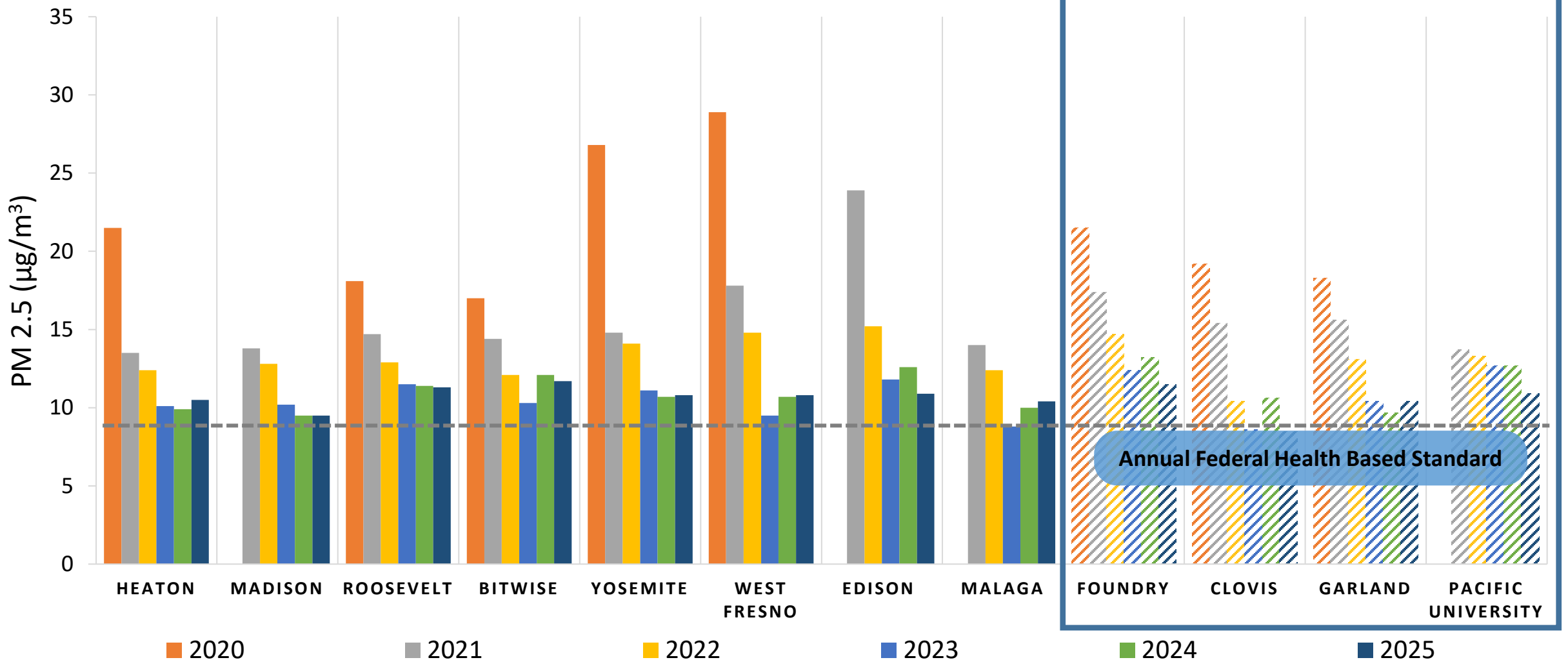
Air Quality Days for past 6 years

Decrease in number of unhealthy days



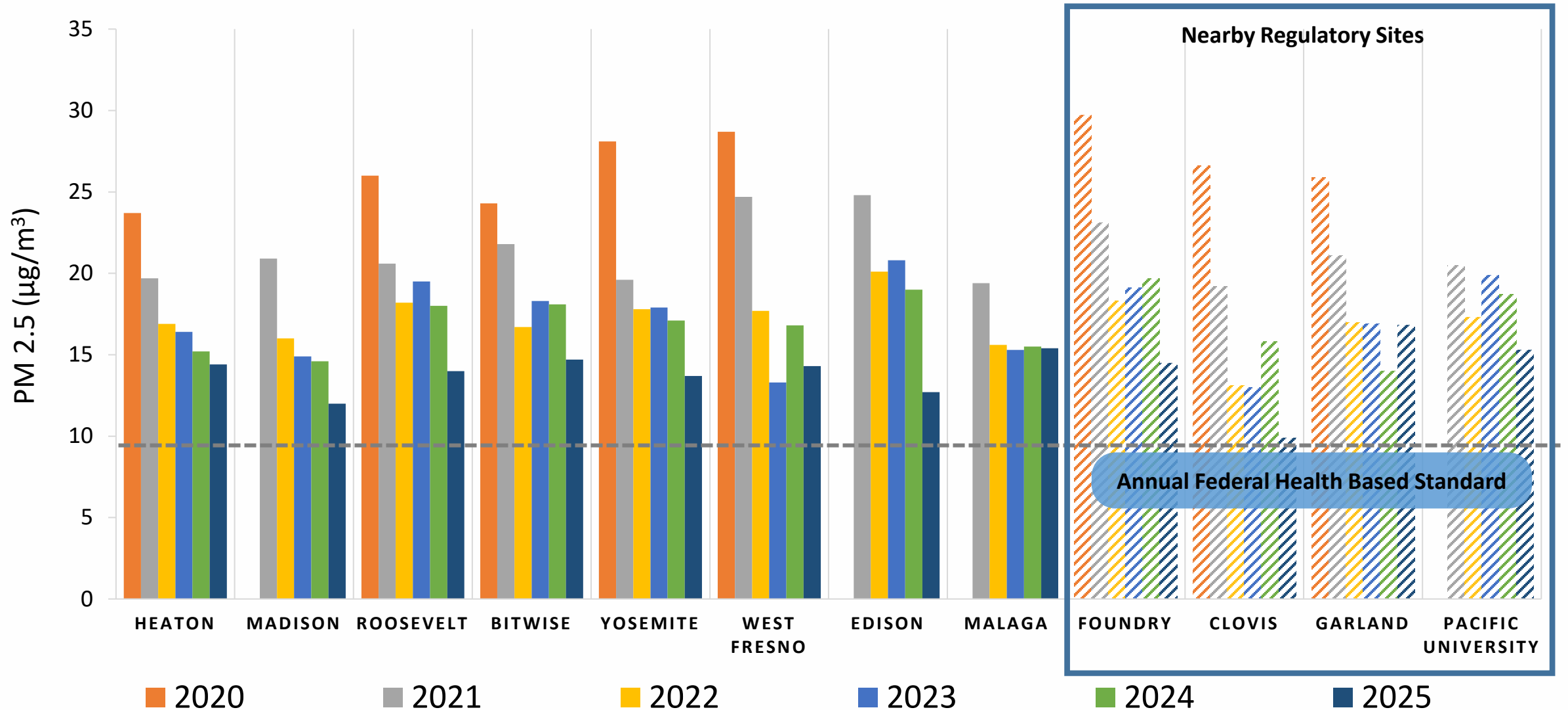
PM2.5 Annual Average Comparison

2025 PM2.5 annual levels are similar to previous year



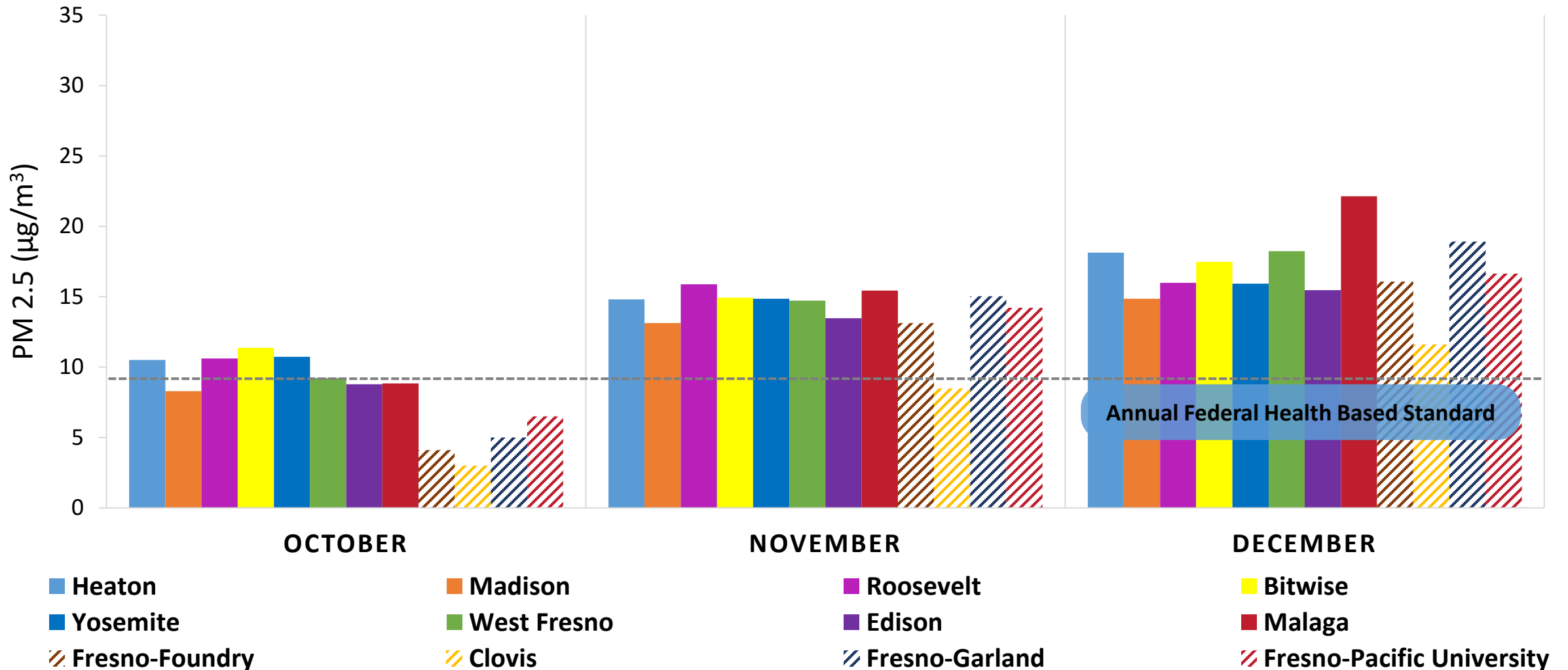
PM2.5 Quarterly Average Comparison

Quarter 4 had all community sites lower than 2024



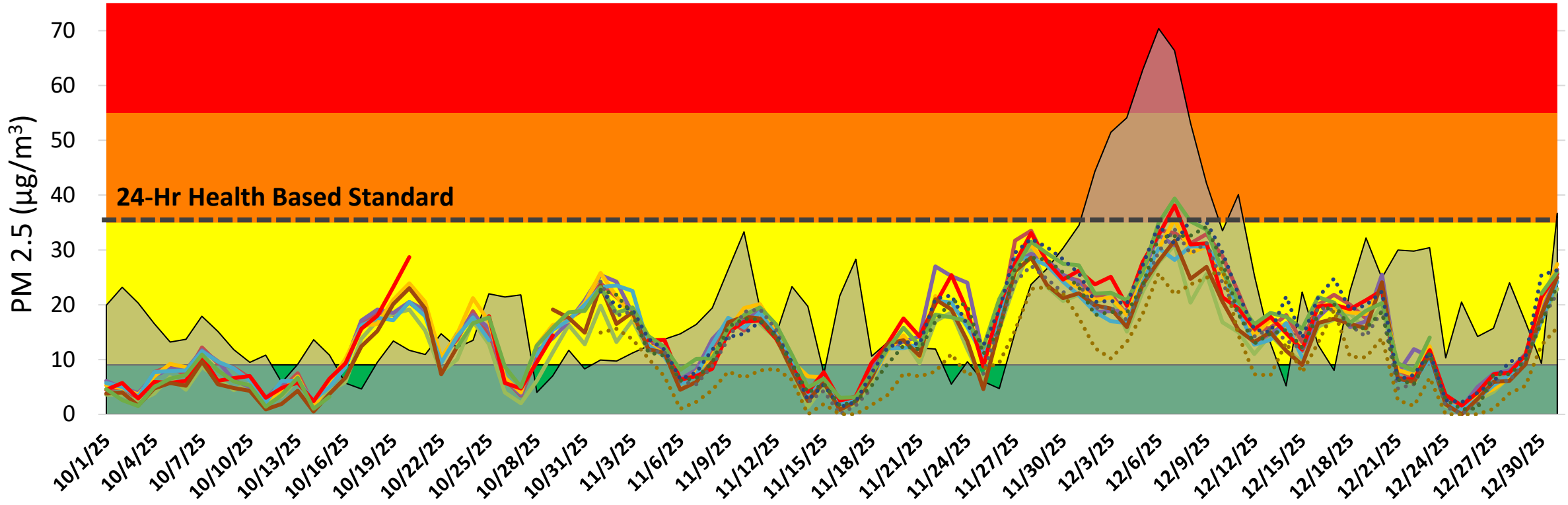
PM2.5 Monthly Average Comparison

PM2.5 concentrations tend to increase in the later winter months



PM2.5 Daily Averages

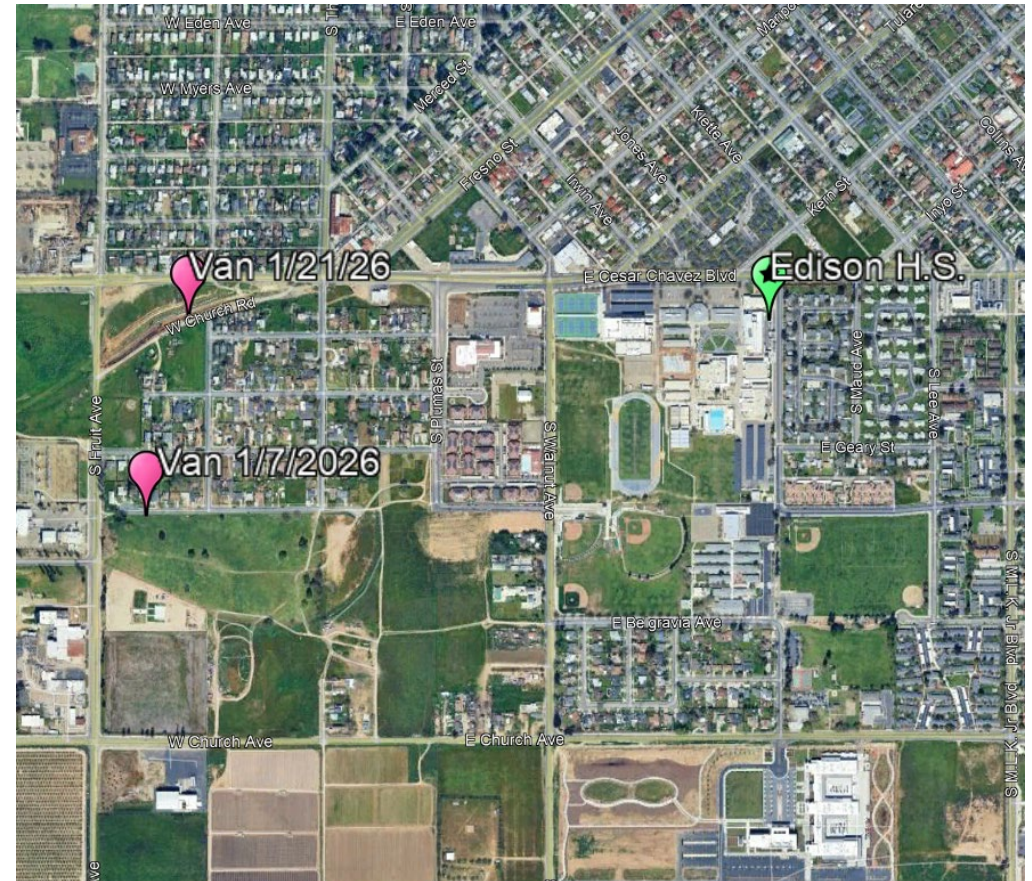
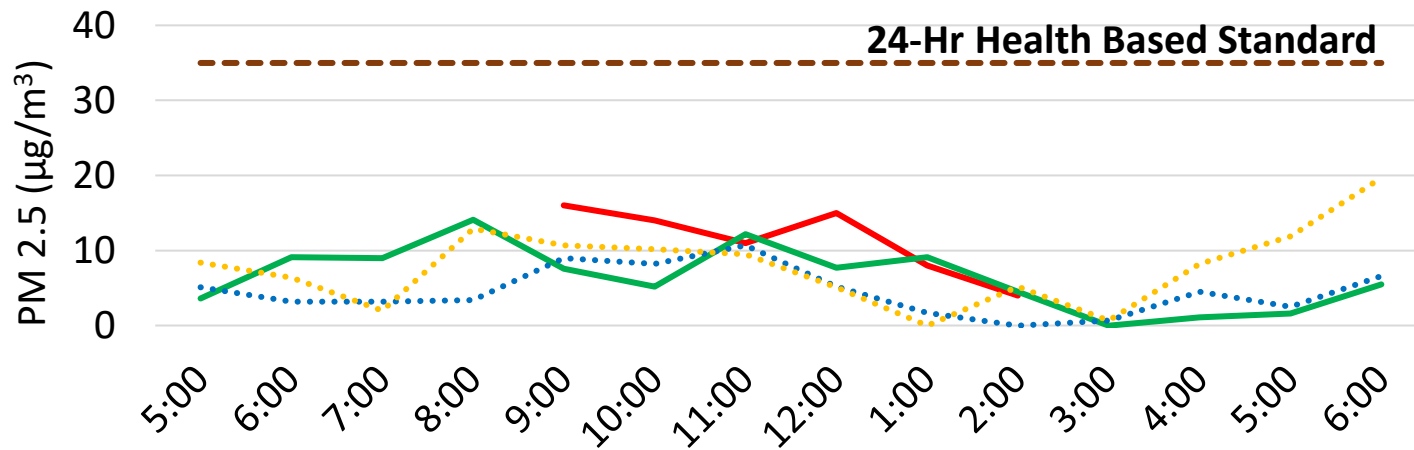
PM2.5 levels lower than in 2024



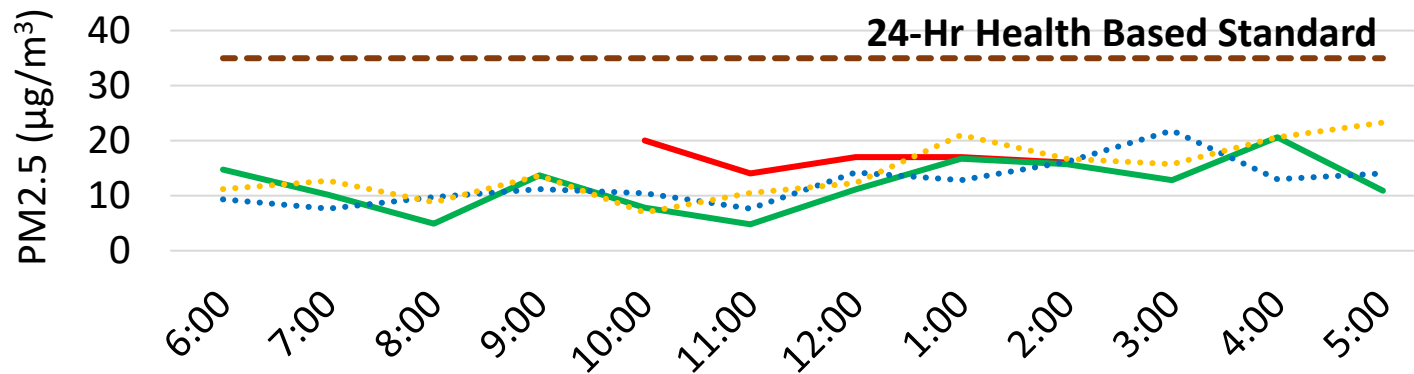
- Previous Year
- Heaton Elementary
- Madison Elementary
- Roosevelt High School
- Bitwise Downtown
- Yosemite Middle School
- West Fresno Middle School
- Edison High School
- Malaga Elementary
- Fresno-FounDry
- Clovis
- Fresno-Garland
- Fresno-Pacific University
- Good
- Moderate
- Unhealthy for Sensitive Groups
- Unhealthy
- Very Unhealthy
- Hazardous

Fresno Van Monitoring (Jan 7 & 21, 2026)

Van located at Fruit and Florence 1/7/26



Van located at Church and Arthur (1/21/26)



— Van — Edison Madison West Fresno

Stagnant Conditions in the Winter



Tule Fog remained over the Central Valley for over 3 weeks between November and December 2025

SB 41 at Herndon Ave.

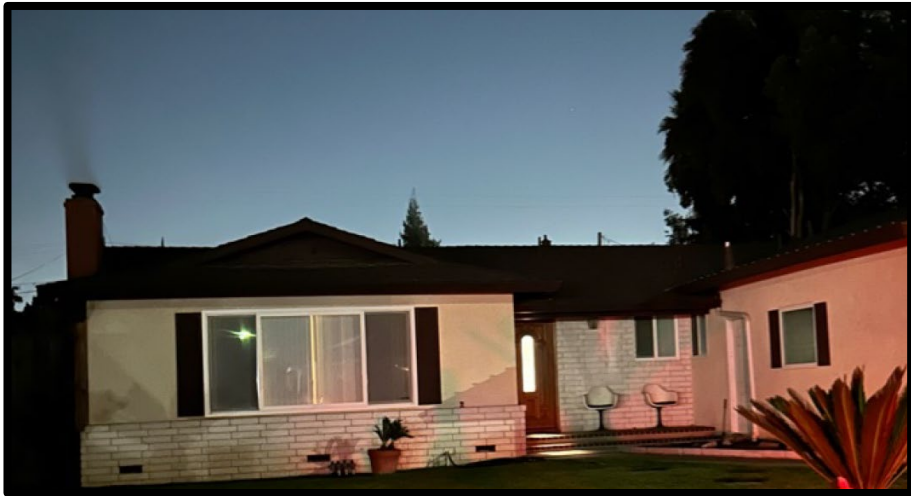


SB 168 at Fowler Ave.



How does the District enforce air quality rules and regulations in the South Central Fresno community?

- We conduct enhanced surveillance during air quality episodes
- We respond to public complaints and investigate air quality issues



Communicating Air Quality Episodes



San Joaquin Valley
AIR POLLUTION CONTROL DISTRICT.

News Release

For immediate release 08/28/2025

Attn: Local news, weather, health and assignment editors

Media Contact
Heather Heinks (559) 994-7591

Spanish-language Contact
Maricela Velasquez (559) 708-7087

Fresno County's Garnet Fire Threatens Valley Air Quality

The ongoing Garnet Fire in Fresno County and other California wildfires are producing smoke that is drifting over the Valley and creating air quality impacts in nearby foothill communities. A large plume now extends across the San Joaquin Valley, and weather patterns through the weekend may pull that smoke down to the Valley floor. Valley residents impacted by the smoke are advised to stay indoors to minimize exposure to ozone and particulate matter (PM) emissions. The potential for increased ozone and PM2.5 exists until the fires are extinguished.

- News releases are issued before known and expected high pollution days
- District posts updates to social media sites like Facebook, X, and Nextdoor
- Keep health departments and schools notified



Valley Air District
Published by Hootsuite

July 19 · 🌐

Are you [#SmokeReady](#)? Visit our wildfire resource page for health tips and fire information. Remember, if you can see ash or smell smoke, you are being impacted by particulate matter pollution. Learn more at www.valleyair.org/wildfires.

[#ValleyAirDistrict](#) [#Wildfire](#) [#Smoke](#)

Communicating Air Quality Episodes



**FORECAST
PRONÓSTICO**


**Gusty Winds
Vientos Fuertes**

Blowing dust is possible in dry soil areas
Es posible que vea polvo en el aire en áreas secas

 Valley Air District · Following


Strong winds are expected to move across the San Joaquin Valley beginning tomorrow (12/31/25) through Thursday (1/1/26). Winds may cause blowing dust ... See more

Valley Air District's Post

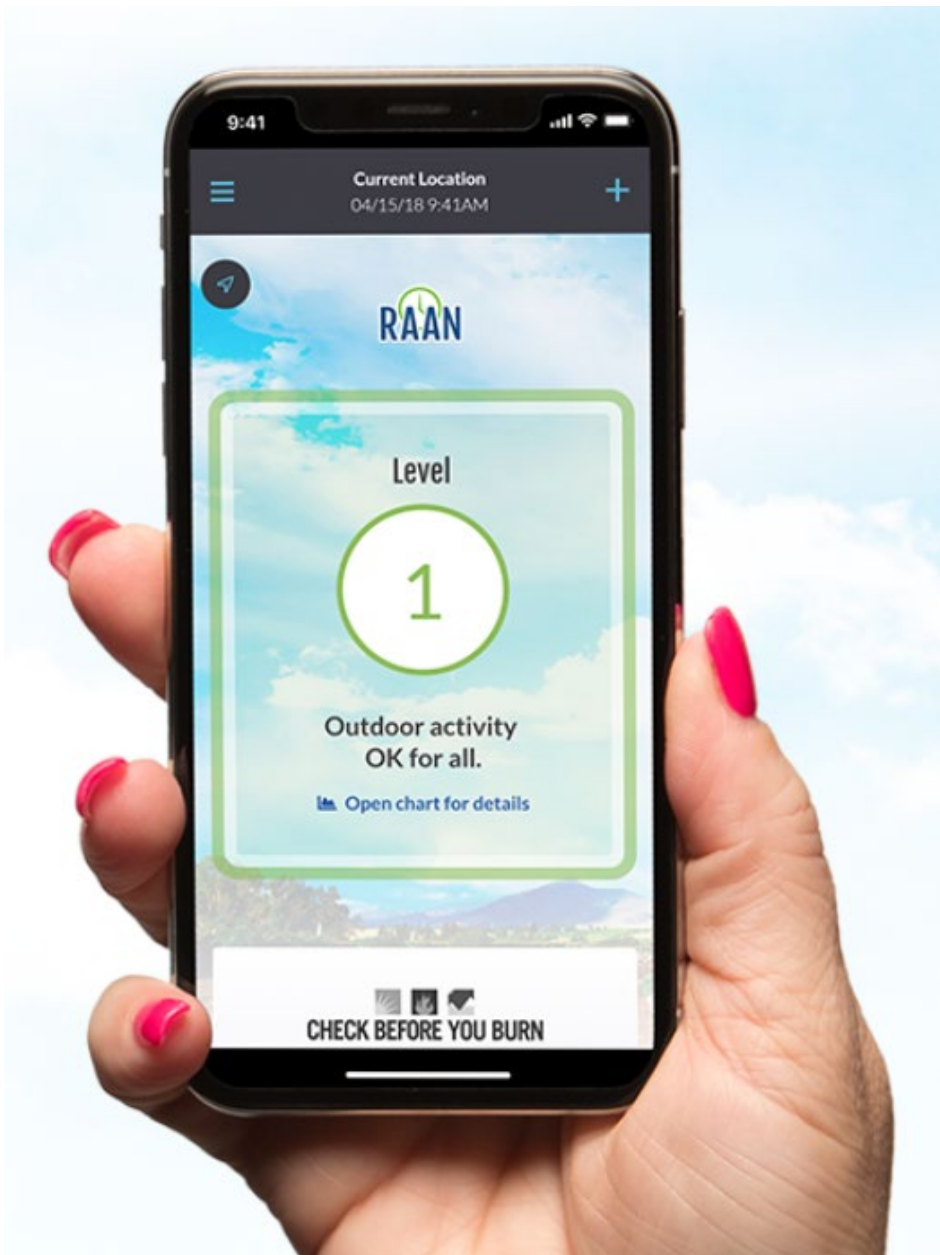
 **Valley Air District**
December 23, 2025 · 🌐

The Valley Air District has issued an Air Quality Advisory for the southern San Joaquin Valley, including Kings, Tulare, and Kern counties. Residents in affected areas are advised to remain indoors to minimize exposure to particulate matter (PM) emissions. Learn more at valleyair.org/news.



 **IN THE NEWS**

Gusty Winds Prompt Air Quality Advisory



How to File an Air Pollution Complaint

Complaints may be filed online, by phone, or by using the Valley Air app on your smart phone

- Complaints are responded to 365 days a year
- Your information is confidential
- Filing a complaint will put you in touch with an Air Quality Inspector assigned to the complaint

Madera, Fresno, Kings

[\(800\) 870-1037](tel:(800)870-1037)

valleyair.org/complaints

Community Air Quality Data

- District AB 617 webpage at: <http://community.valleyair.org/community-air-monitoring>
 - Real-time community air monitoring data
 - Air monitoring data from vans, as requested
 - Quarterly reports
- CARB's statewide air quality data portal (AQview) displays and provides community air monitoring data from AB 617 communities
 - AQview website located at: <https://aqview.arb.ca.gov/>
 - Air quality data from Valley AB 617 communities available at this website
 - Development ongoing, new features to be added

Comments/Questions?