

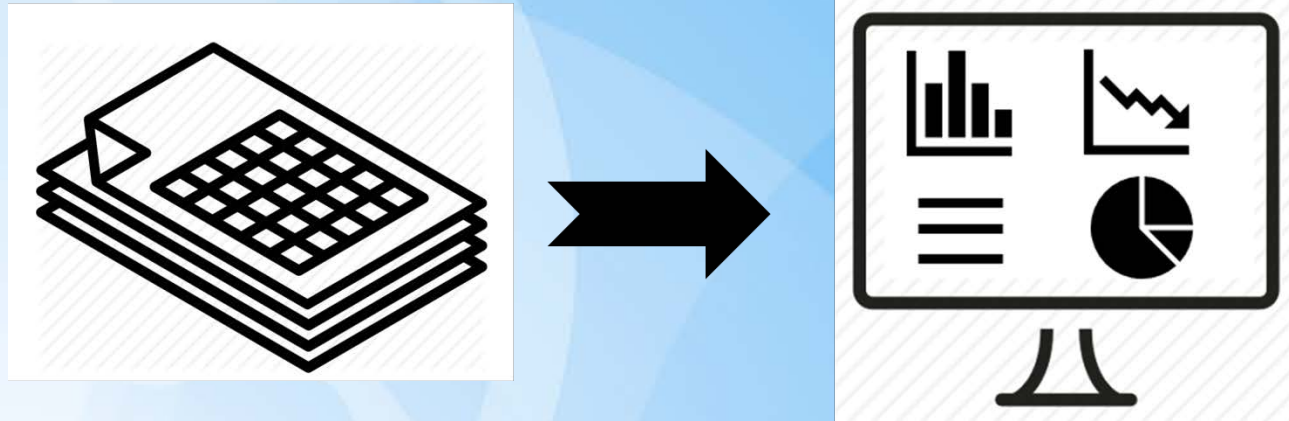
Interactive Air Monitoring Data Dashboard

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MATES V Technical Advisory Group Meeting
April 14, 2021

Interactive Air Monitoring Data Dashboard

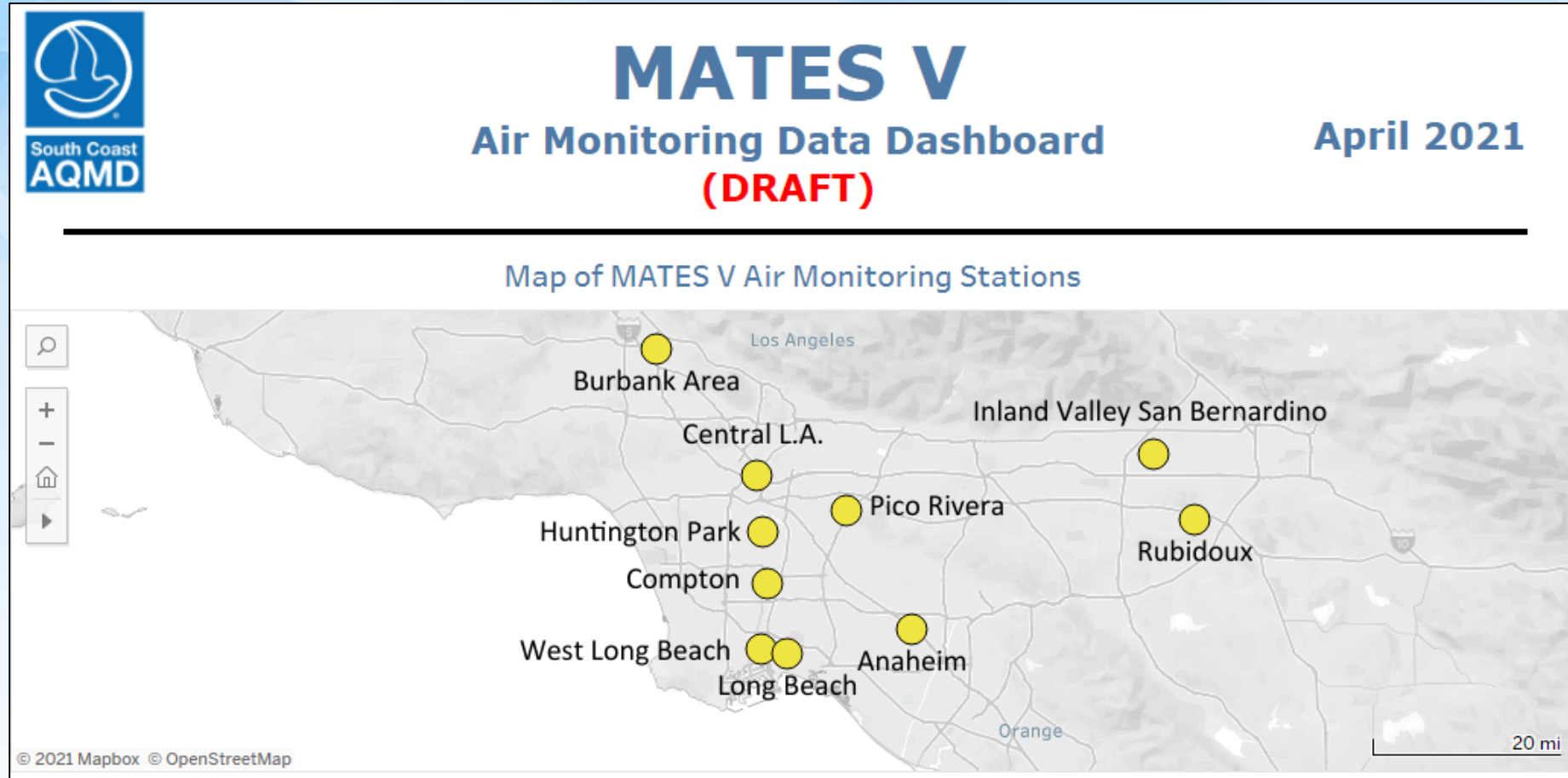
A web-based tool to explore and visualize air monitoring data in an easily digestible way



Click [here](#) to see the online dashboard

Interactive Air Monitoring Data Dashboard

- Interactive map of air monitoring sites
- Zoom in/out and pan around



Click [here](#) to see the online dashboard

Interactive Air Monitoring Data Dashboard

- Click-to-filter option enables interacting with the data
- Select Station, Pollutant Category, Pollutant Sub-category and Pollutant of interest

Step 1: Select a Station
Central L.A. ▼

Step 2: Select a Pollutant Category
Total Suspended Particles (TSP) ▼

Step 3: Select a Pollutant Sub-Category
Metals ▼

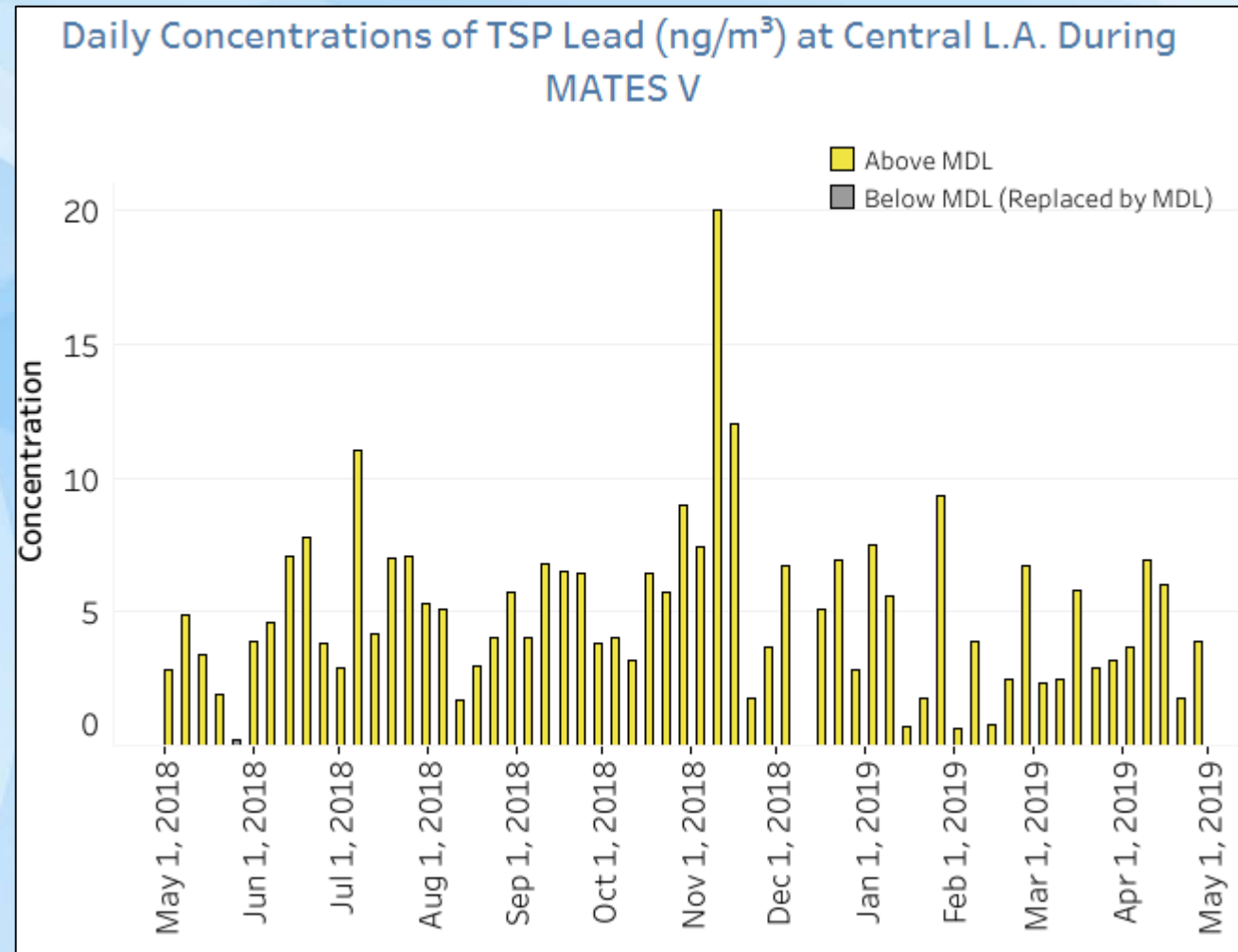
Step 4: Select a Pollutant
Lead ▼

Generate Plots

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Interactive Air Monitoring Data Dashboard

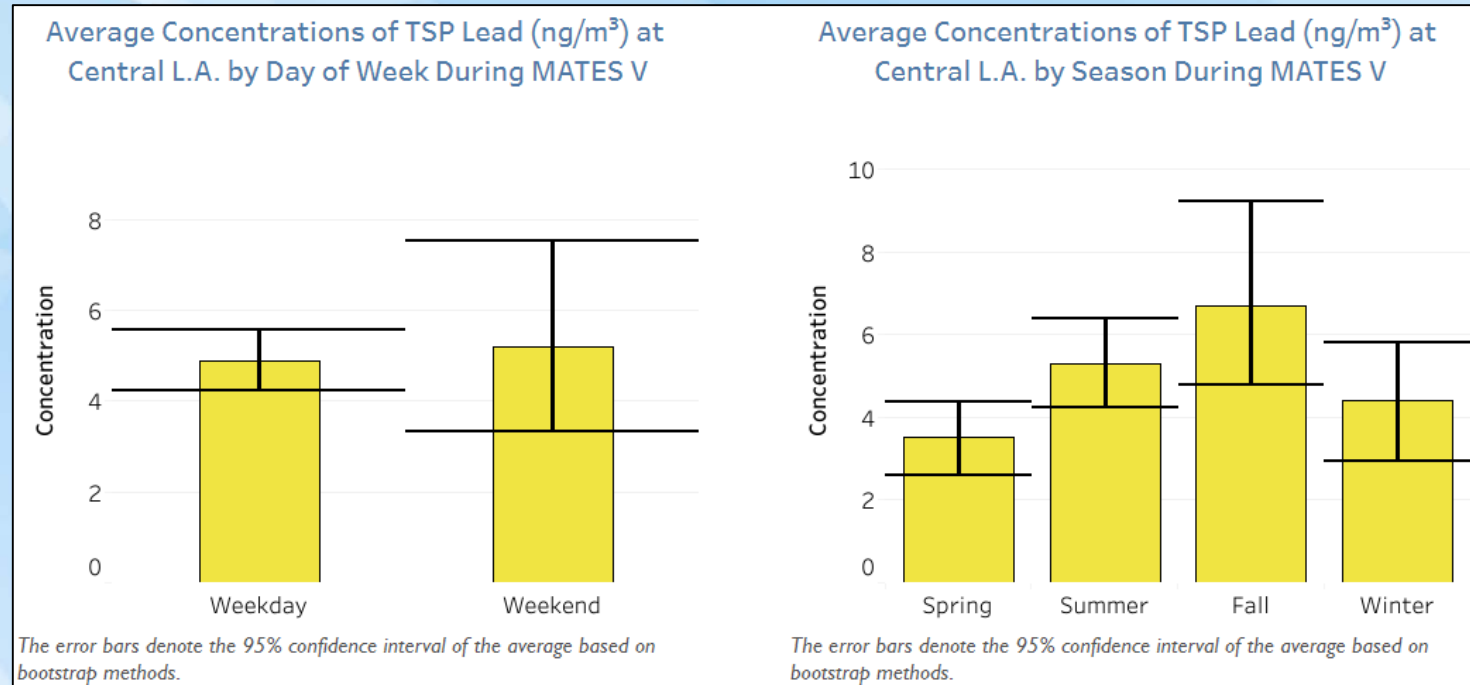
- Time series of the data
- Indicate the concentrations below and above the method detection limit



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Interactive Air Monitoring Data Dashboard

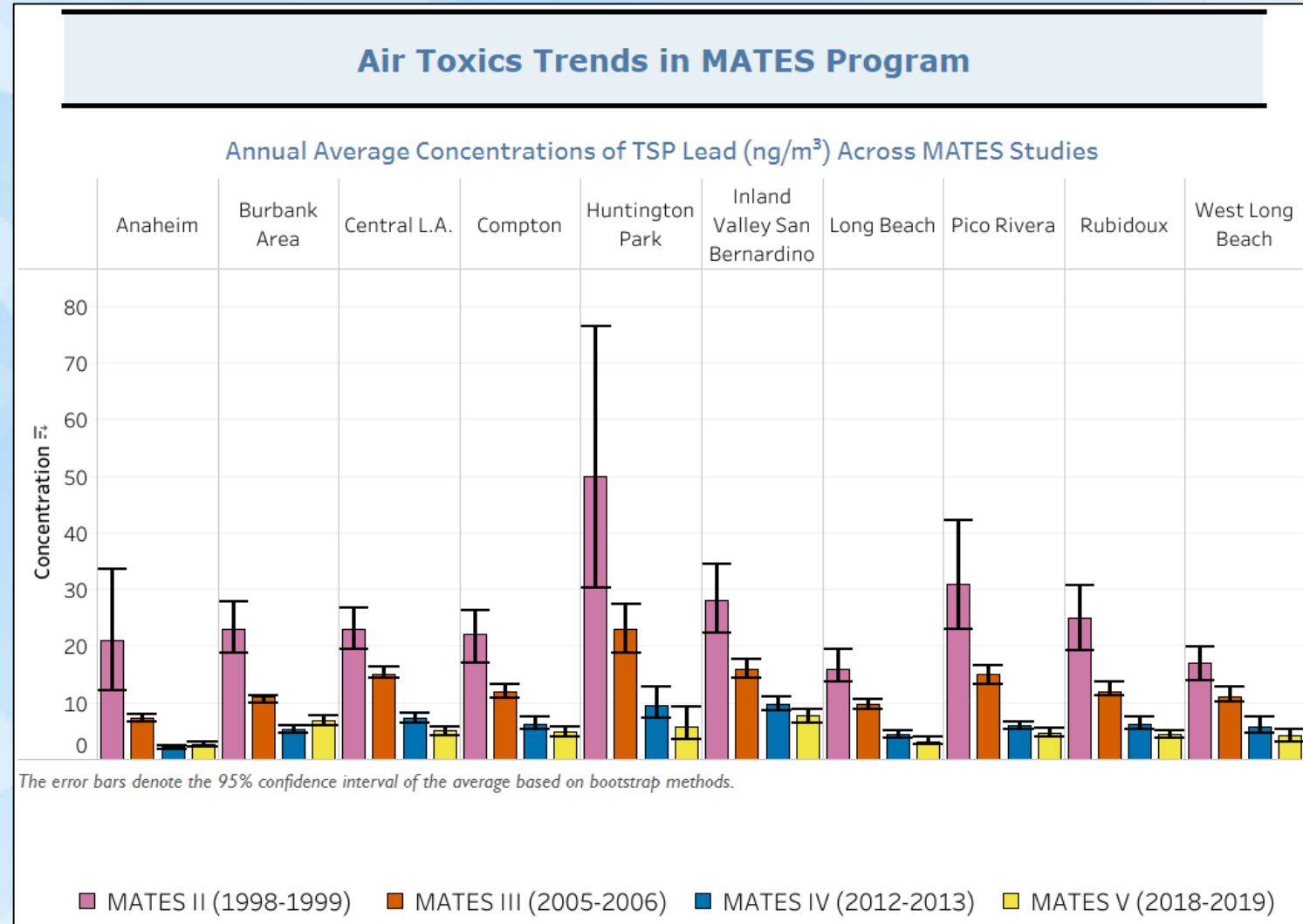
- Average temporal trends by day of week and season



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Interactive Air Monitoring Data Dashboard

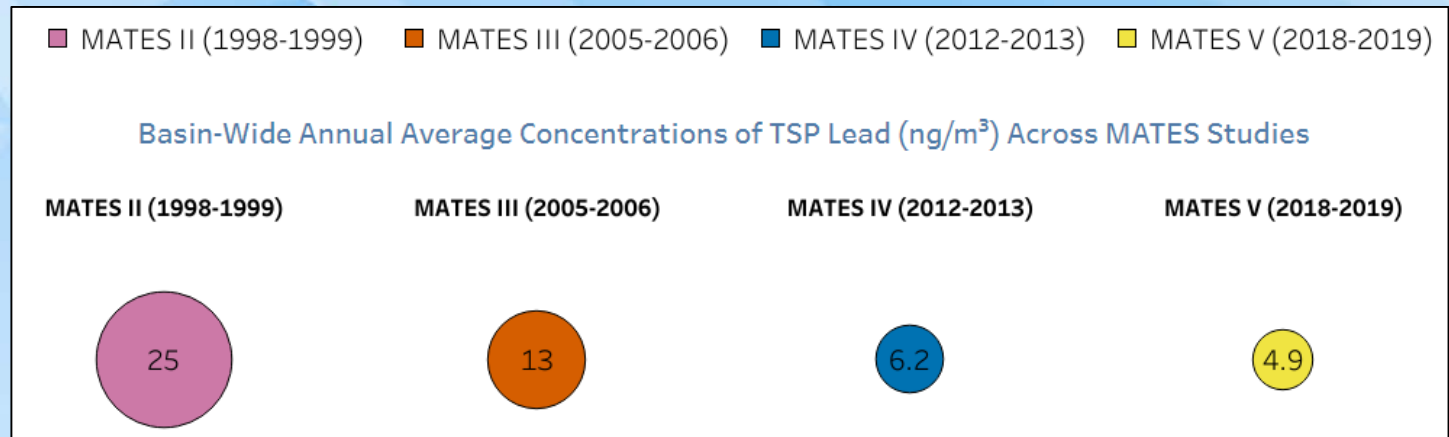
- Trends of air toxics at each site across MATES studies



Click [here](#) to see the online dashboard

Interactive Air Monitoring Data Dashboard

- Trends of basin-average air toxics across MATES studies



Click [here](#) to see the online dashboard

Interactive Air Monitoring Data Dashboard

- Provide access to data (time-integrated and continuous) from **MATES II to V**

This tool provides access to the ambient air monitoring data collected during different MATES studies (II through V). In all MATES studies, concentrations of air toxics were measured using time-integrated samplers. In MATES IV and V, the monitoring portion of the studies included continuous measurements of black carbon (BC) and ultrafine particles (UFP) as well. For more information about the monitoring methods and the laboratory chemical analyses, please refer to the MATES final reports.

NOTE : Please select the appropriate checkbox, and enter the details below to download the Mates Data.

MATES II (Time-integrated)

MATES III (Time-integrated)

MATES IV (Time-integrated)

MATES IV (Continuous)

MATES V (Time-integrated)

MATES V (Continuous)

Name

Affiliation

Position

Email

Contact

Description

SelectedFiles

MATES II (Time-integrated)

Please select one of the checkboxes above to download



Refresh

Input symbols

Mates Download

Click [here](#) to see the online dashboard