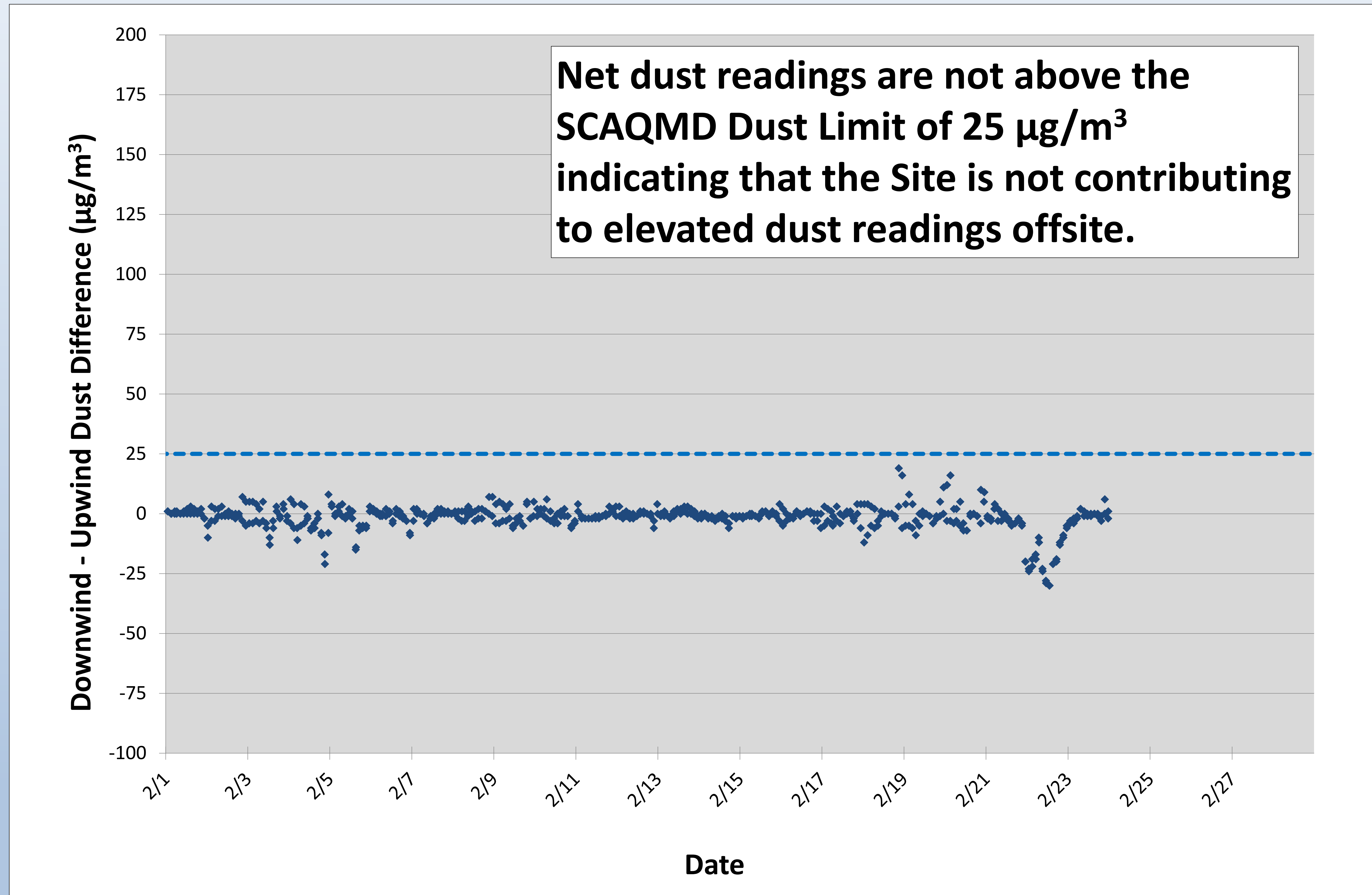


# Onsite Dust Monitoring

2/1/2023 – 2/28/2023

## Net Dust (All Downwind Stations)



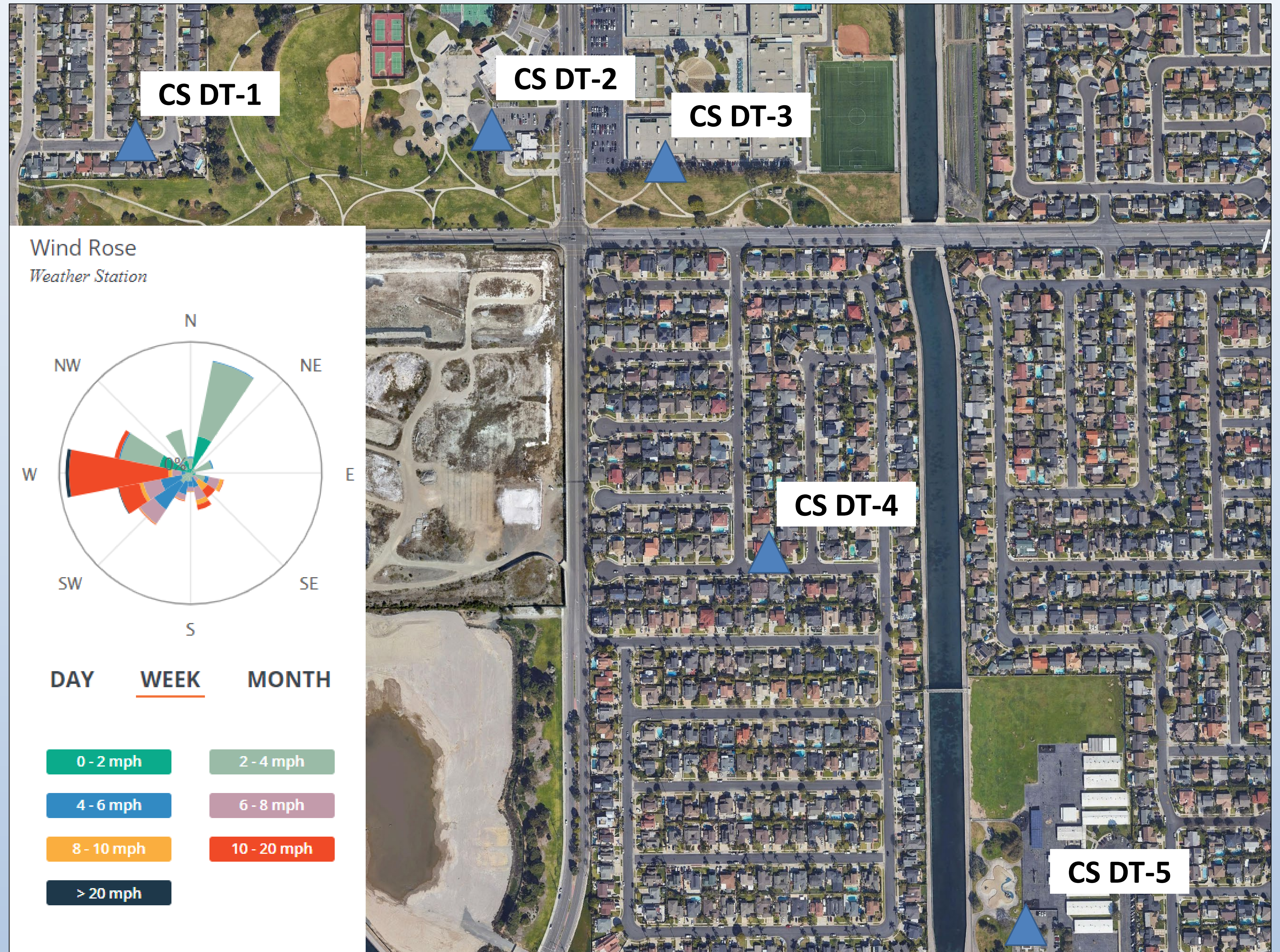
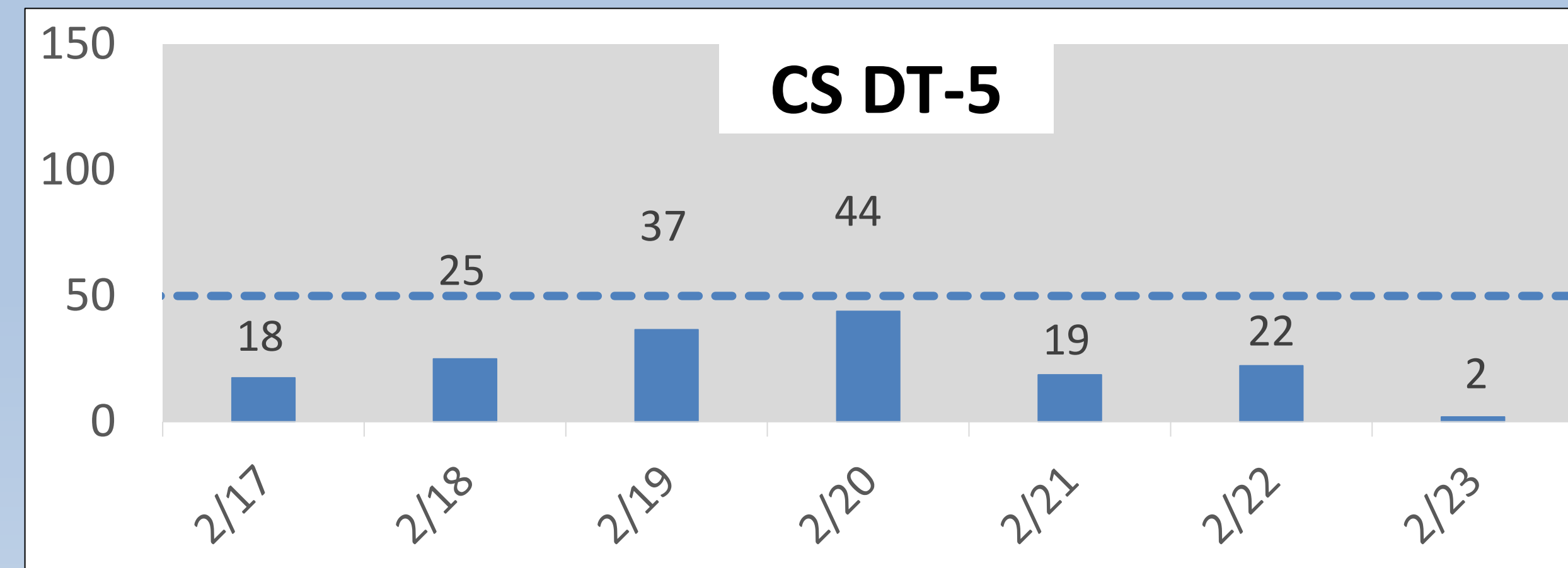
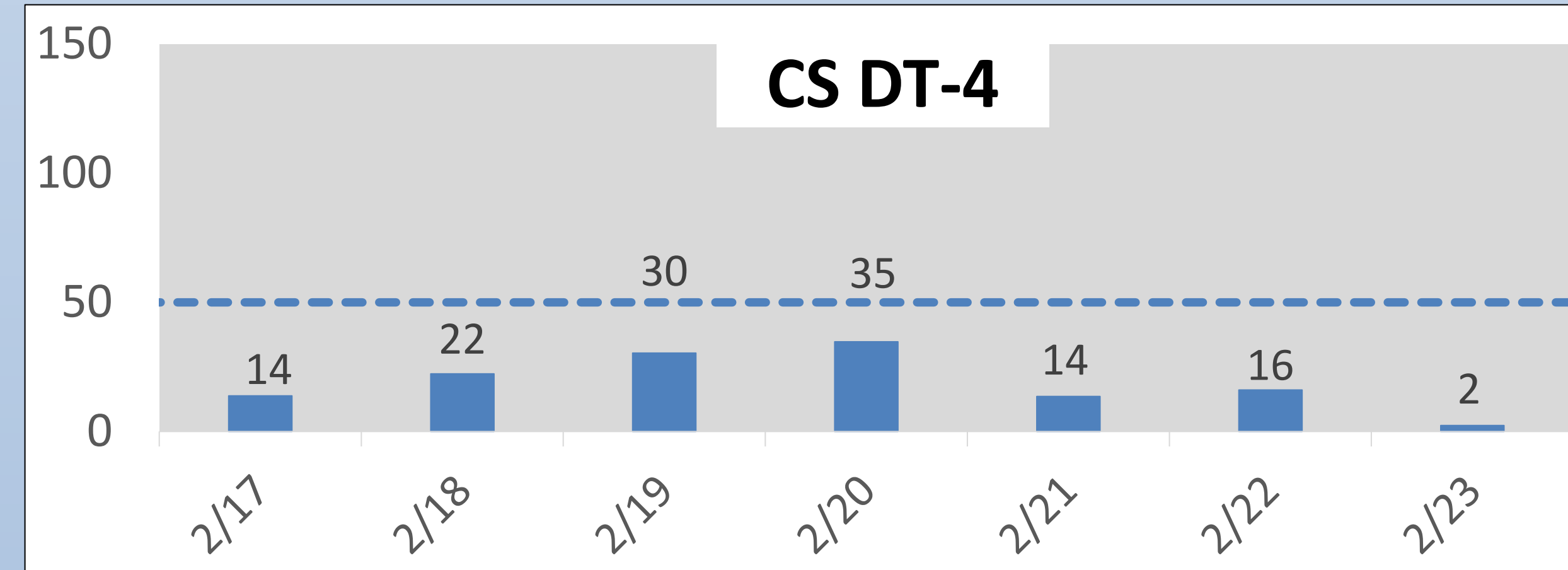
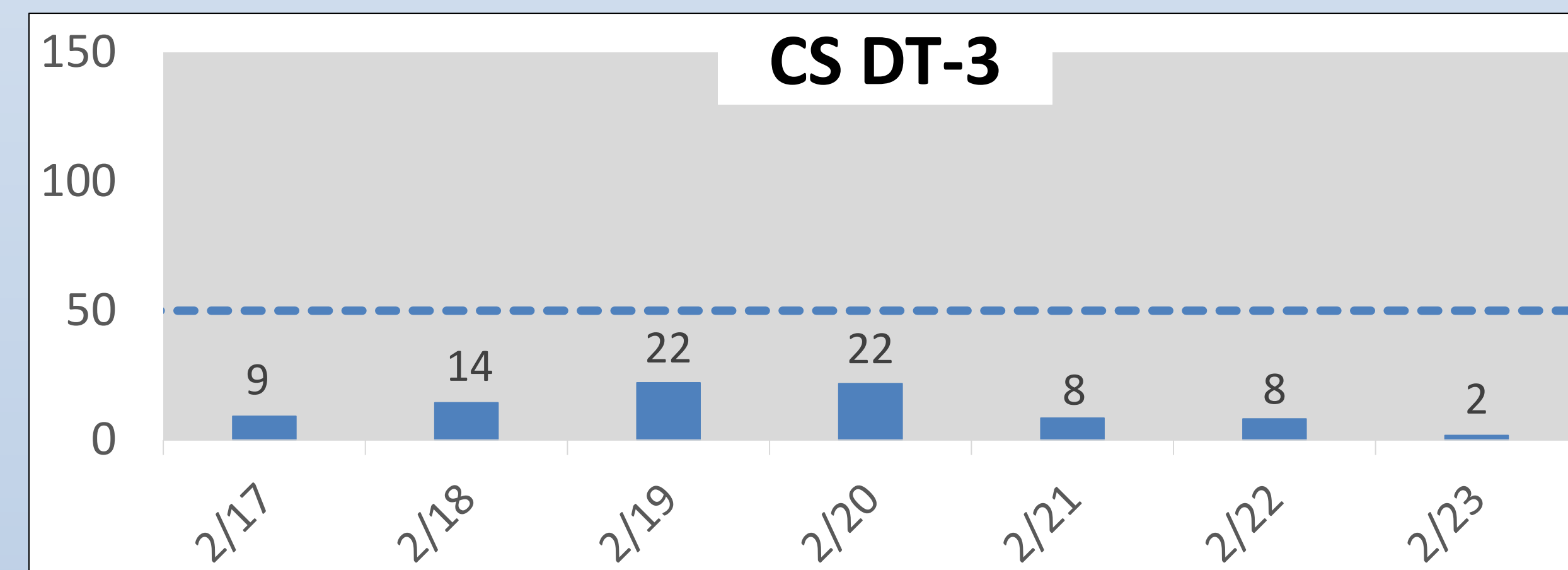
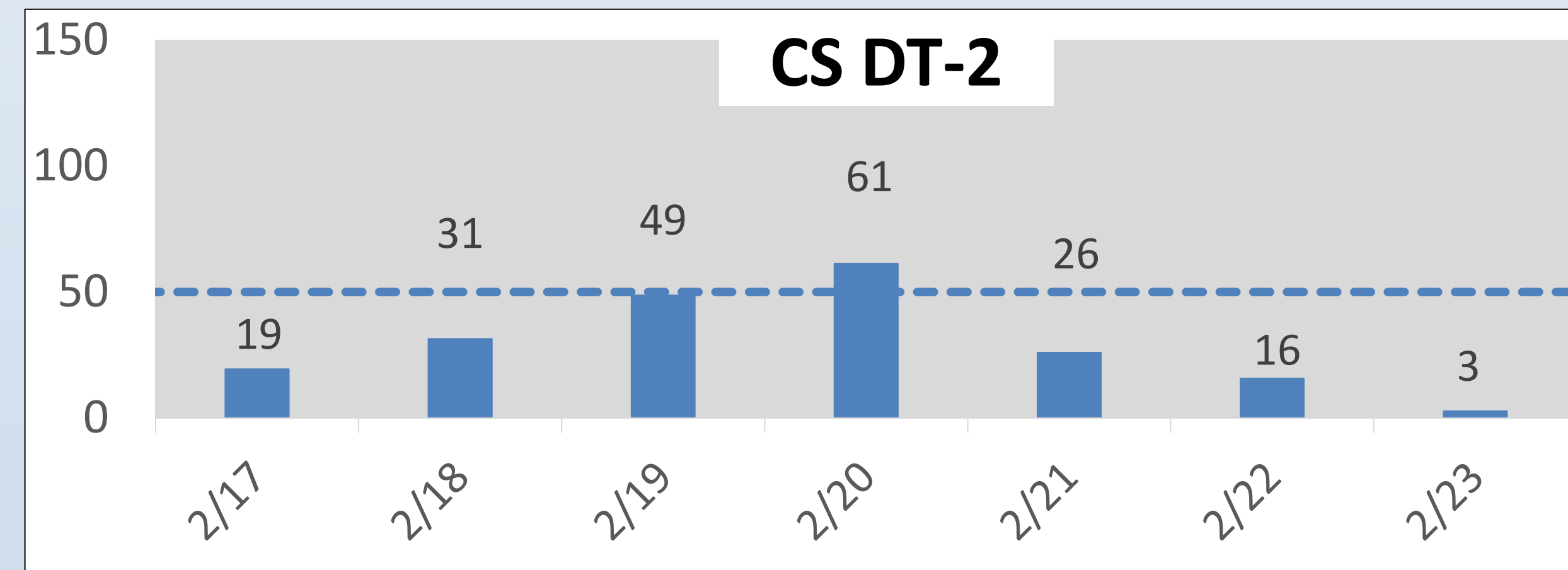
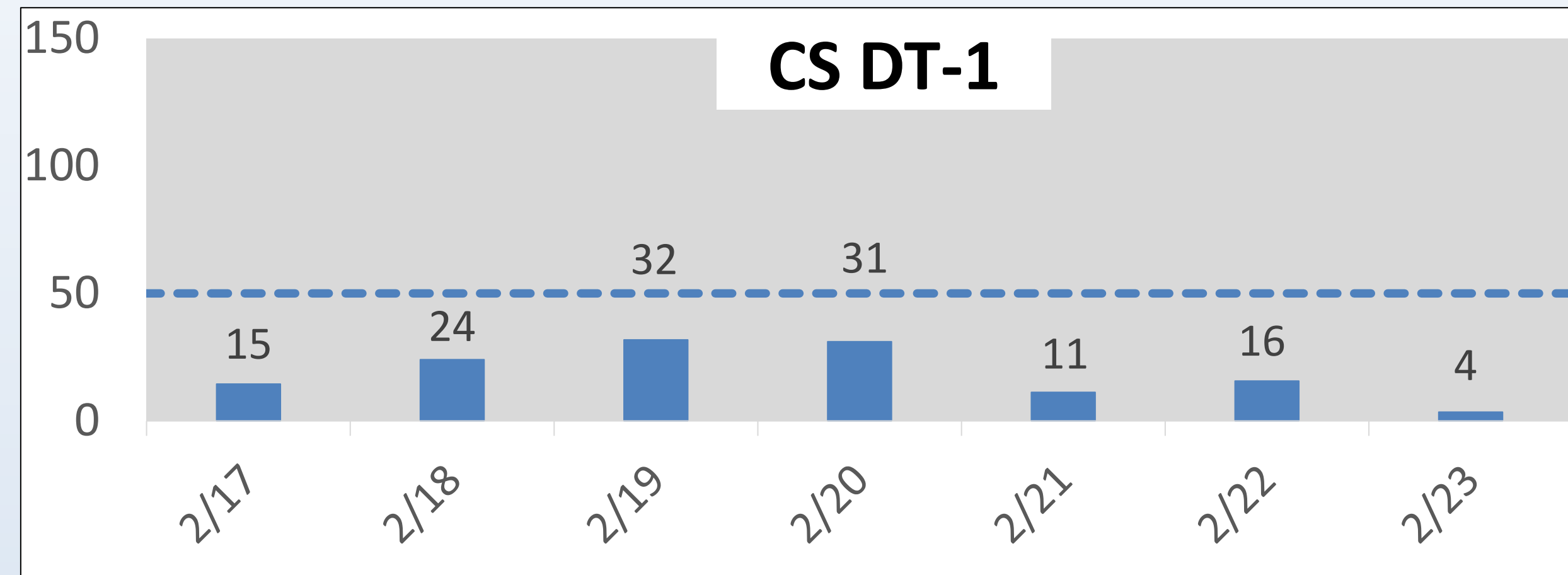
Net dust represents the dust that may be leaving the Site. This is determined by subtracting upwind data (dust blowing onto the Site from other sources) from downwind data. This helps us monitor that dust control actions are effective.



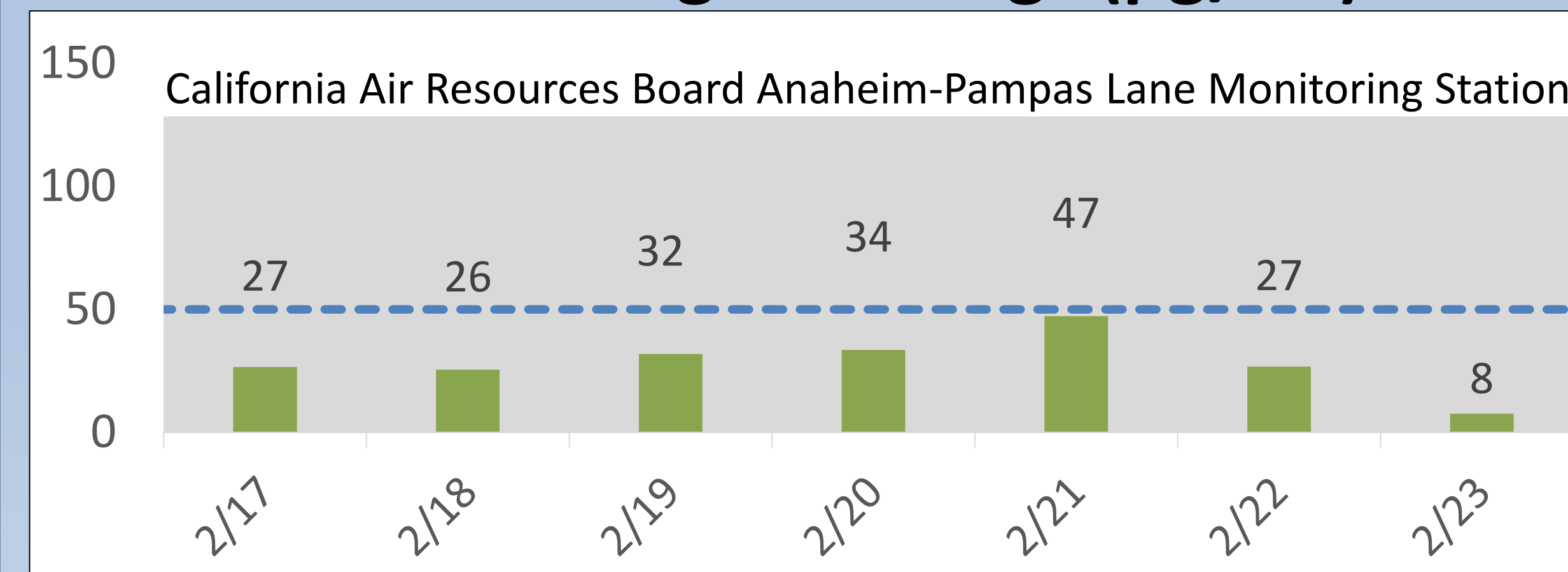
# Offsite Dust Monitoring

Total dust readings including upwind dust contribution  
Weekly – 2/17/2023 – 2/23/2023

Individual Offsite Stations:  
24-Hr Average Dust Readings ( $\mu\text{g}/\text{m}^3$ )



South Coast Basin Regional PM10:  
24-Hr Average Readings ( $\mu\text{g}/\text{m}^3$ )



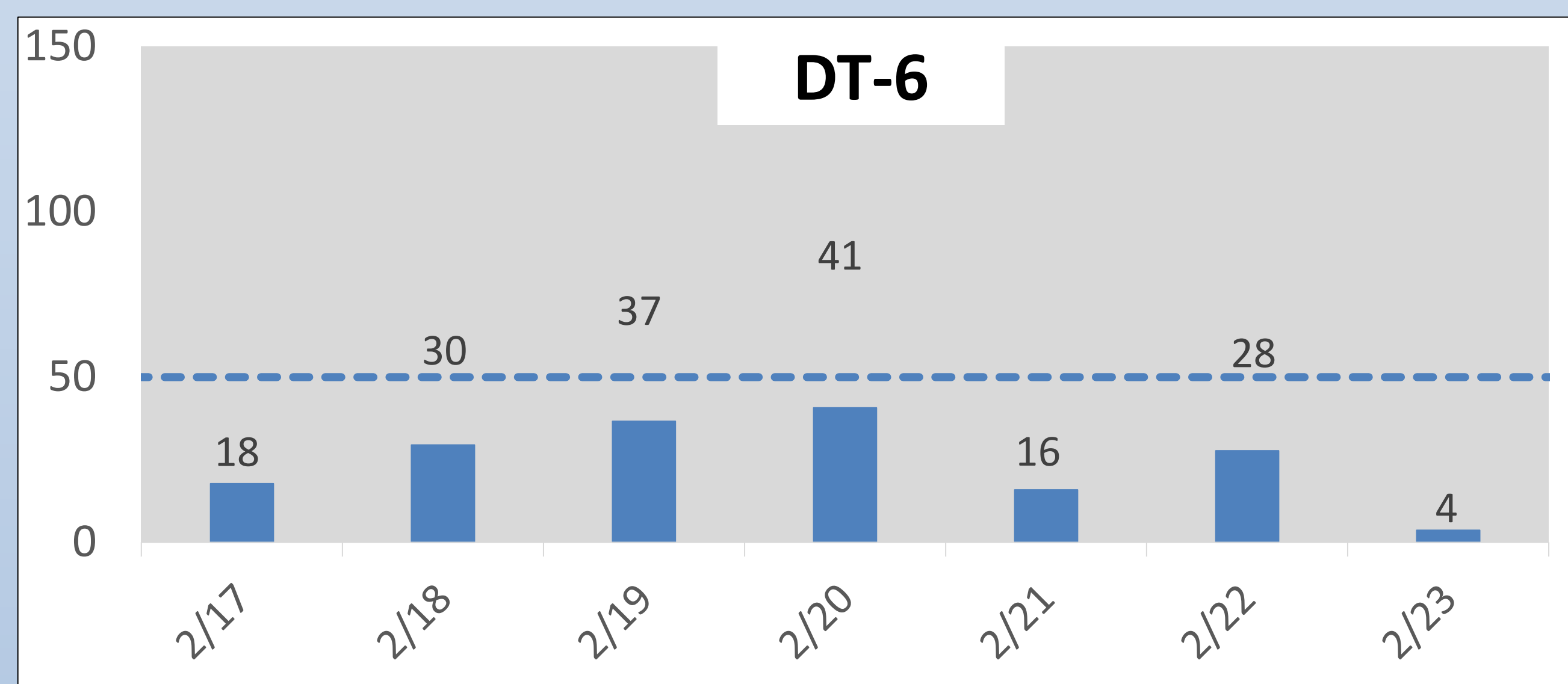
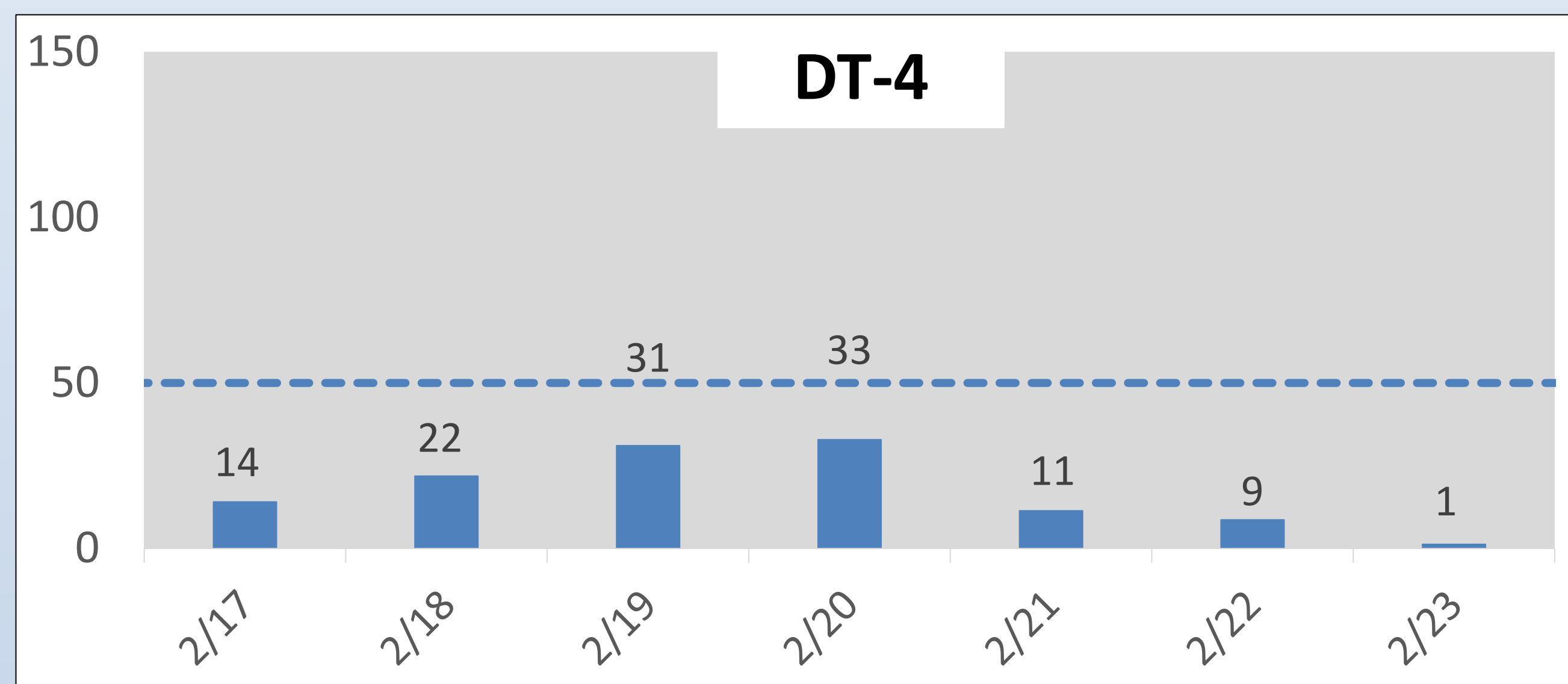
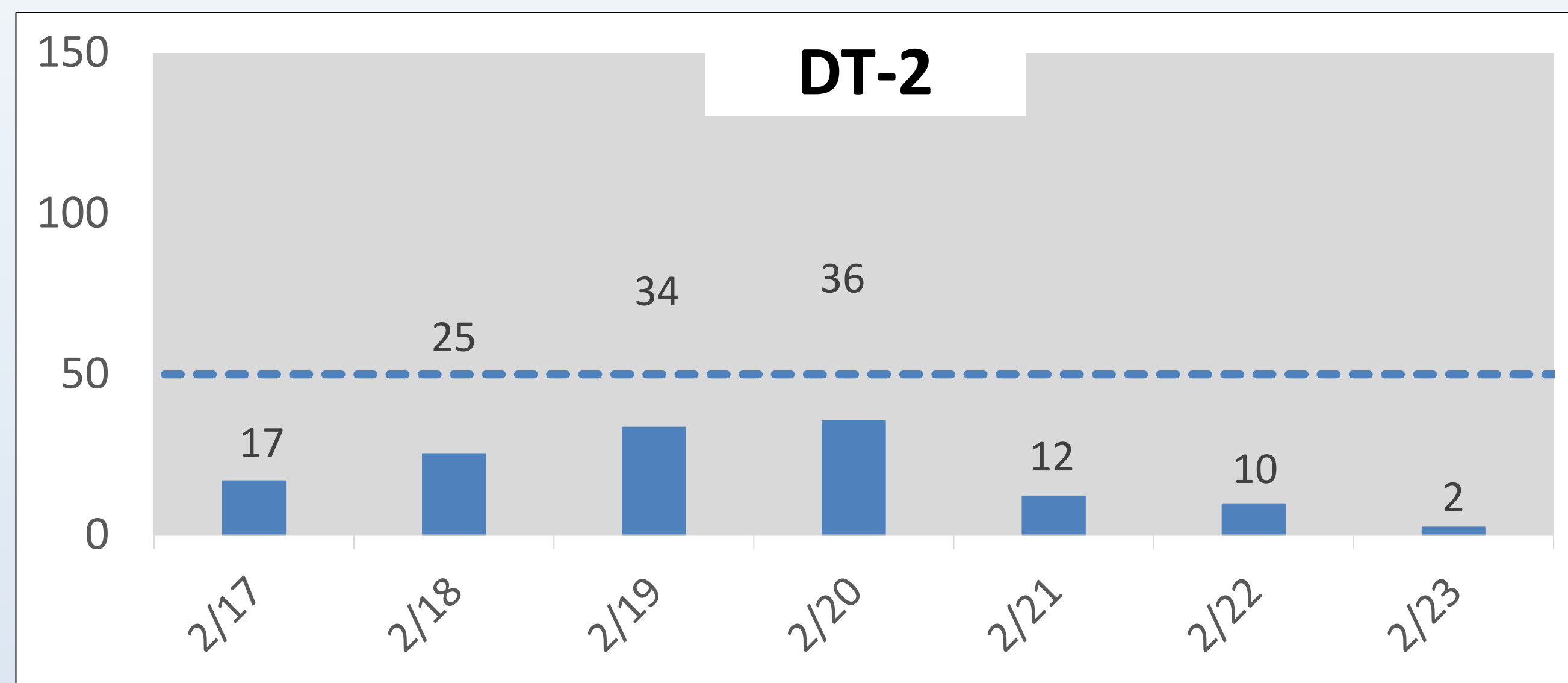
24-hour average concentrations were below air quality standards except on 2/20 at station CS DT-2. Winds were blowing primarily from the west with stronger winds >20 mph.

Notes: California Ambient Air Quality Standard for PM10 averaged over 24 hours is 50  $\mu\text{g}/\text{m}^3$ . National Ambient Air Quality Standard for PM10 averaged over 24 hours is 150  $\mu\text{g}/\text{m}^3$ .

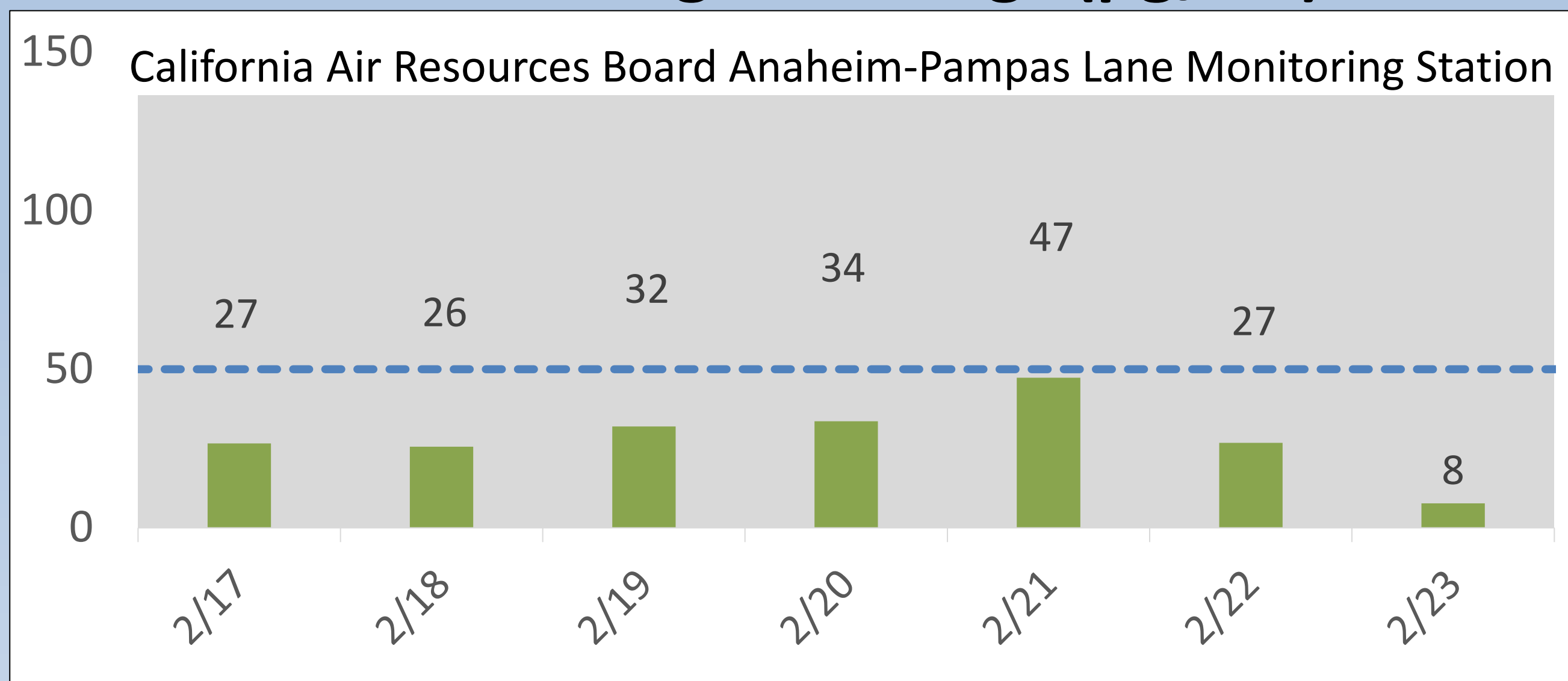
Closest regional station provided for comparison to regional trends. Data from Anaheim station unavailable after 2/13. Data from Signal Hill regional station substituted 2/17 to 2/23.



## Individual Onsite Stations: 24-Hr Average Dust Readings ( $\mu\text{g}/\text{m}^3$ )



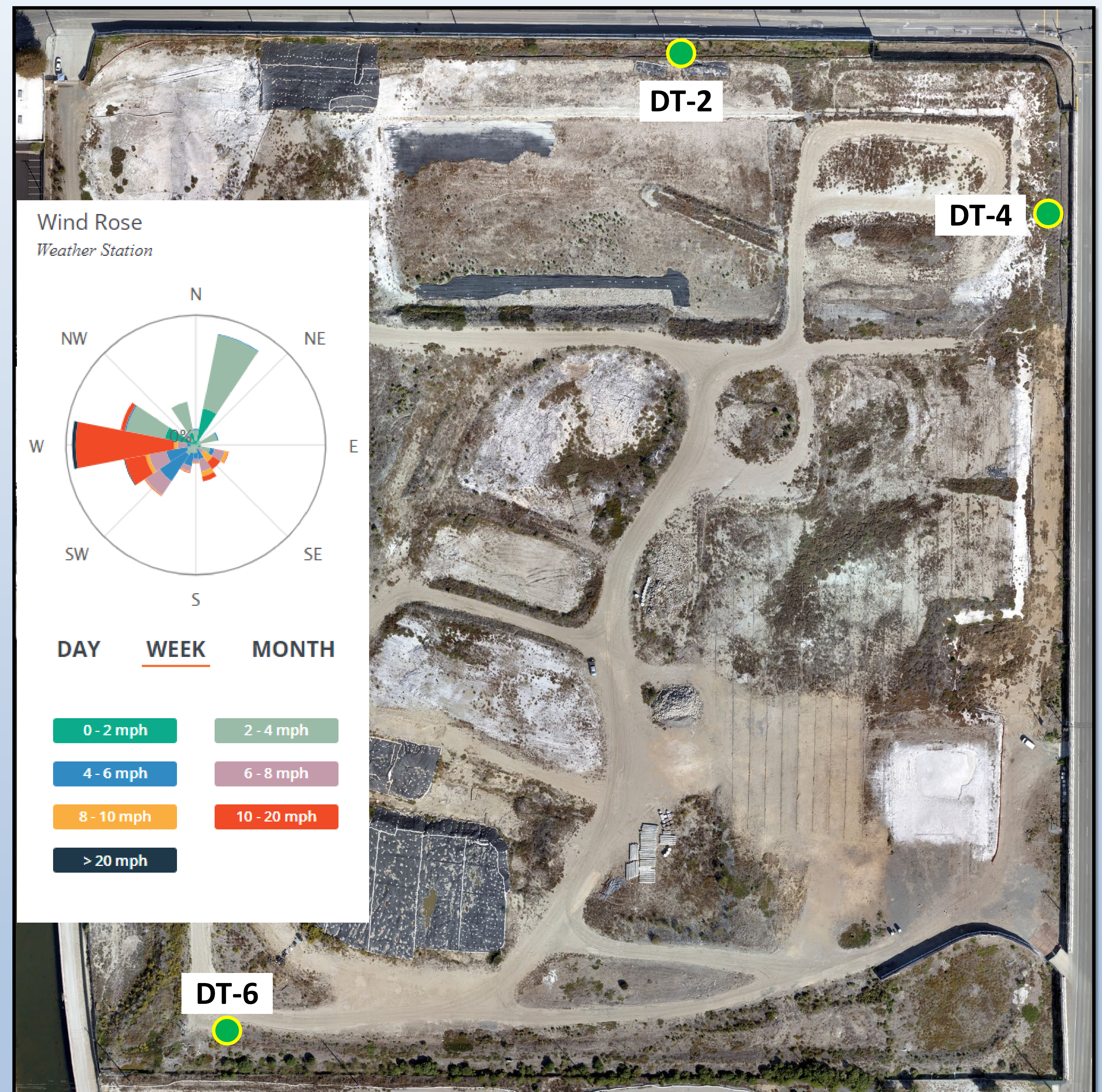
## South Coast Basin Regional PM10: 24-Hr Average Readings ( $\mu\text{g}/\text{m}^3$ )



Closest regional station provided for comparison to regional trends. Data from Anaheim station unavailable after 2/13. Data from Signal Hill regional station substituted 2/17 to 2/23.

# Onsite Dust Monitoring

## Total dust readings including upwind dust contribution Weekly – 2/17/2023 – 2/23/2023



24-hour average concentrations were below air quality standards. Winds were blowing primarily from the west with stronger winds >20 mph.

Notes: California Ambient Air Quality Standard for PM10 averaged over 24 hours is  $50 \mu\text{g}/\text{m}^3$ . National Ambient Air Quality Standard for PM10 averaged over 24 hours is  $150 \mu\text{g}/\text{m}^3$ .