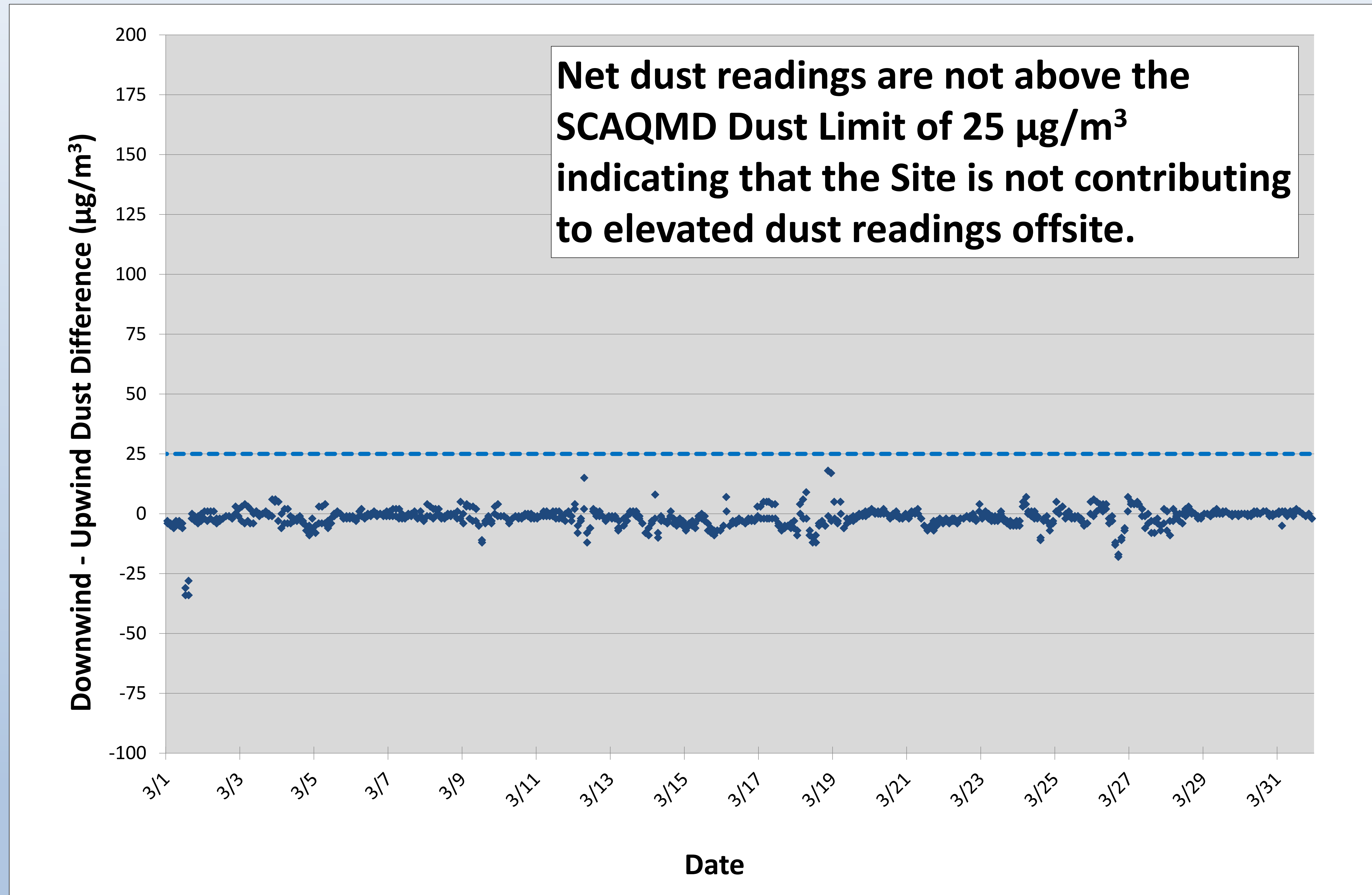


# Onsite Dust Monitoring

3/1/2023 – 3/31/2023

## Net Dust (All Downwind Stations)

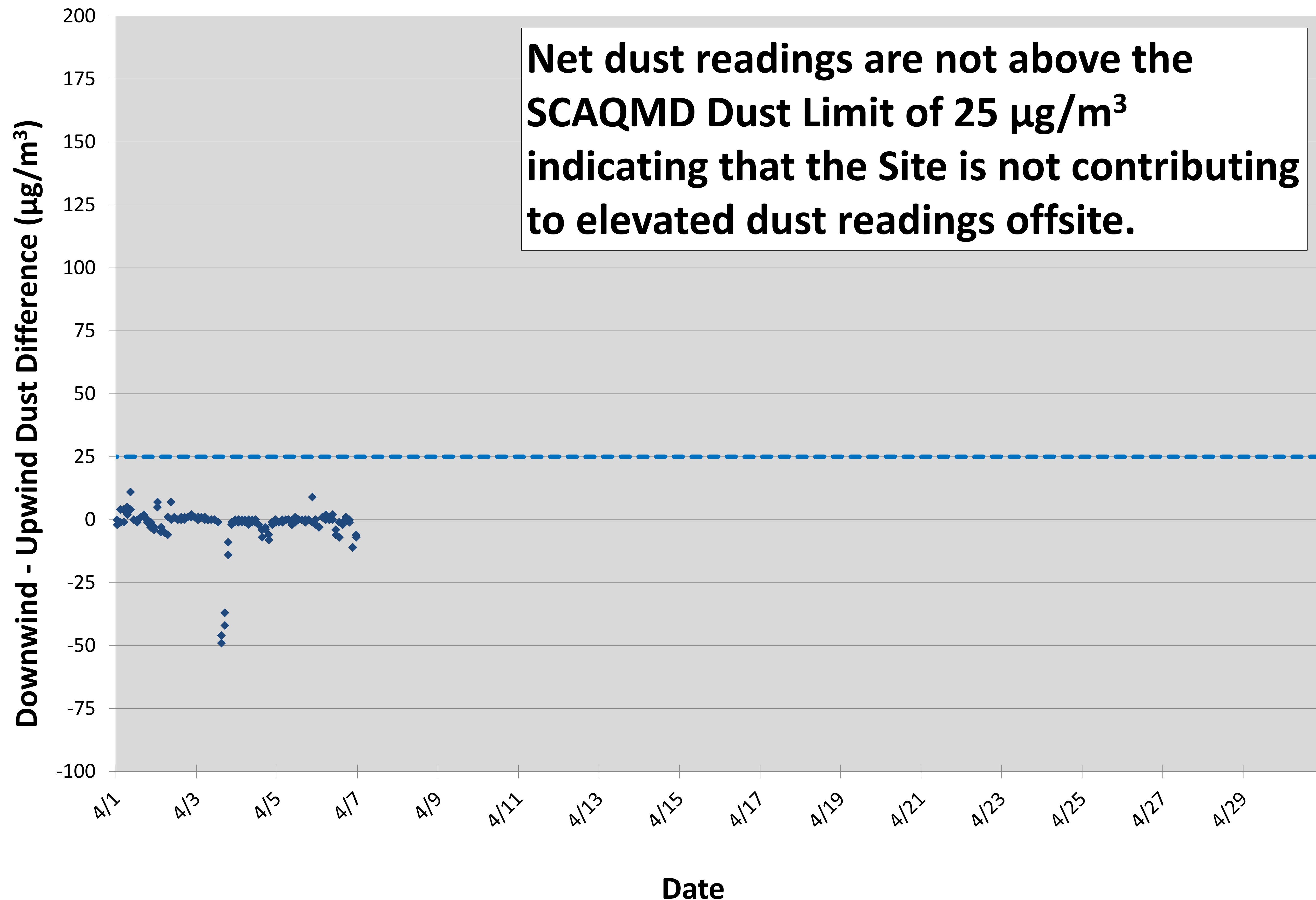


Net dust represents the dust that may be leaving the Site. This is determined by subtracting upwind data (dust blowing onto the Site from other sources) from downwind data. This helps us monitor that dust control actions are effective.

# Onsite Dust Monitoring

4/1/2023 – 4/30/2023

## Net Dust (All Downwind Stations)



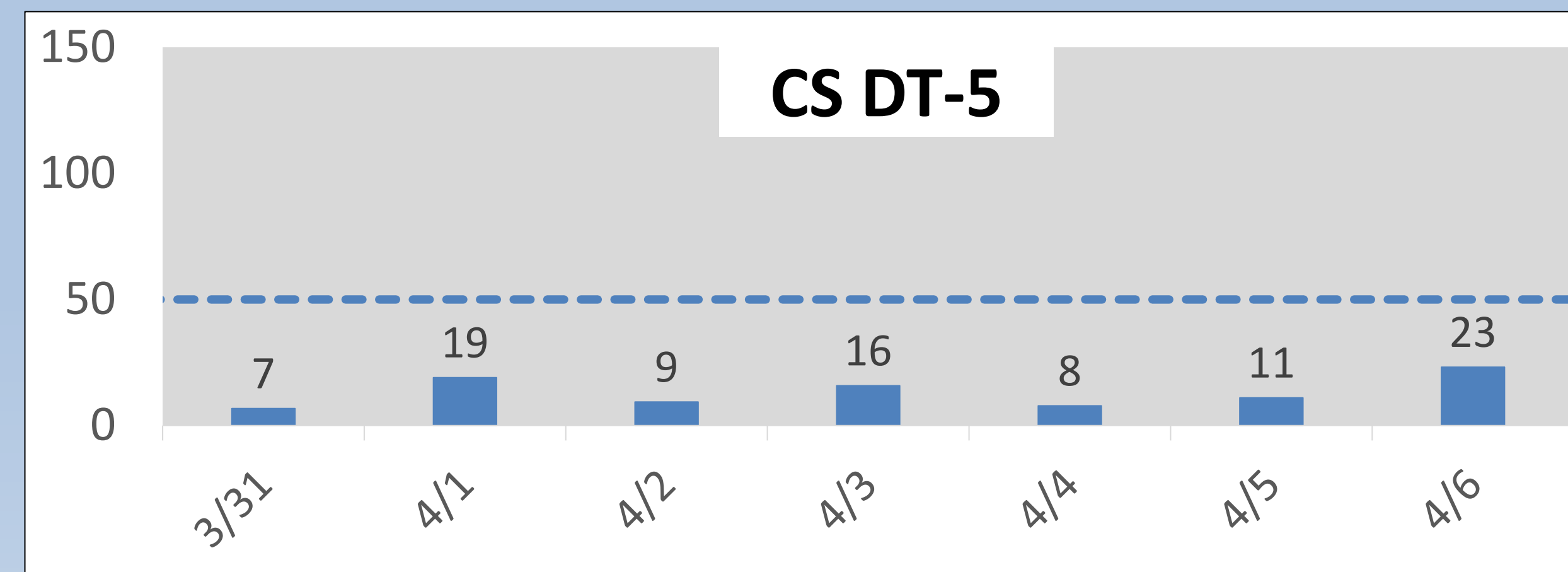
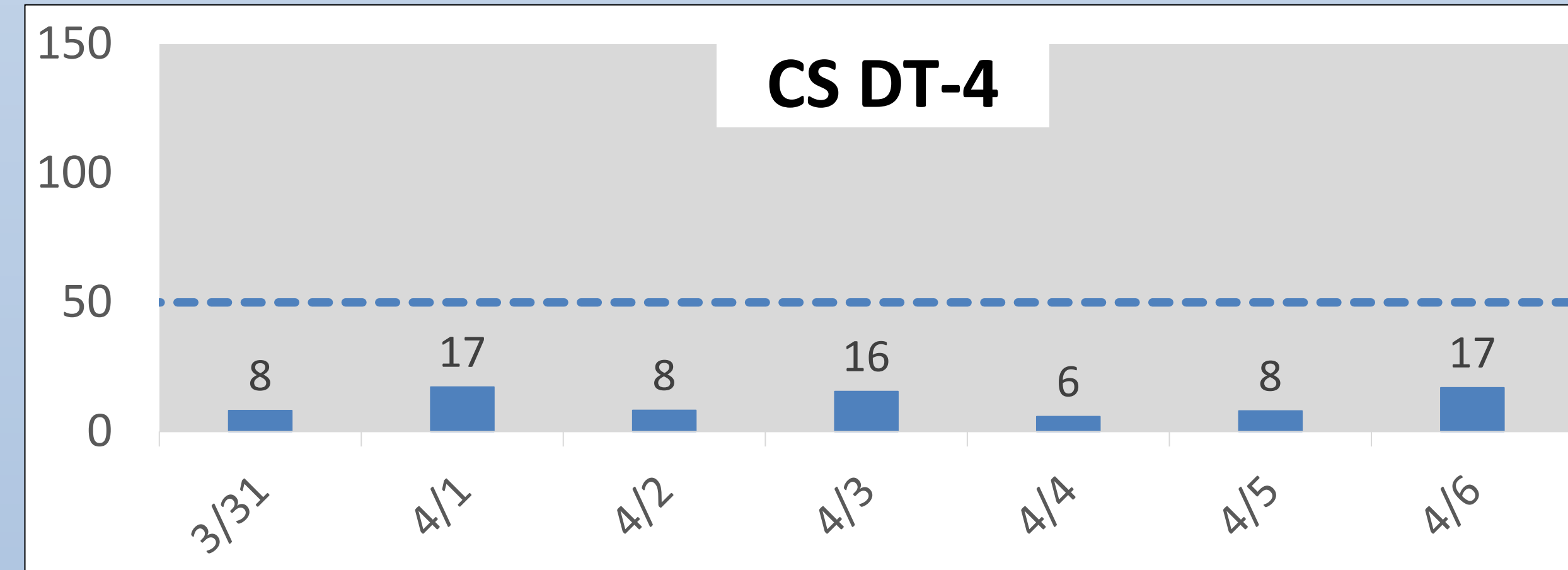
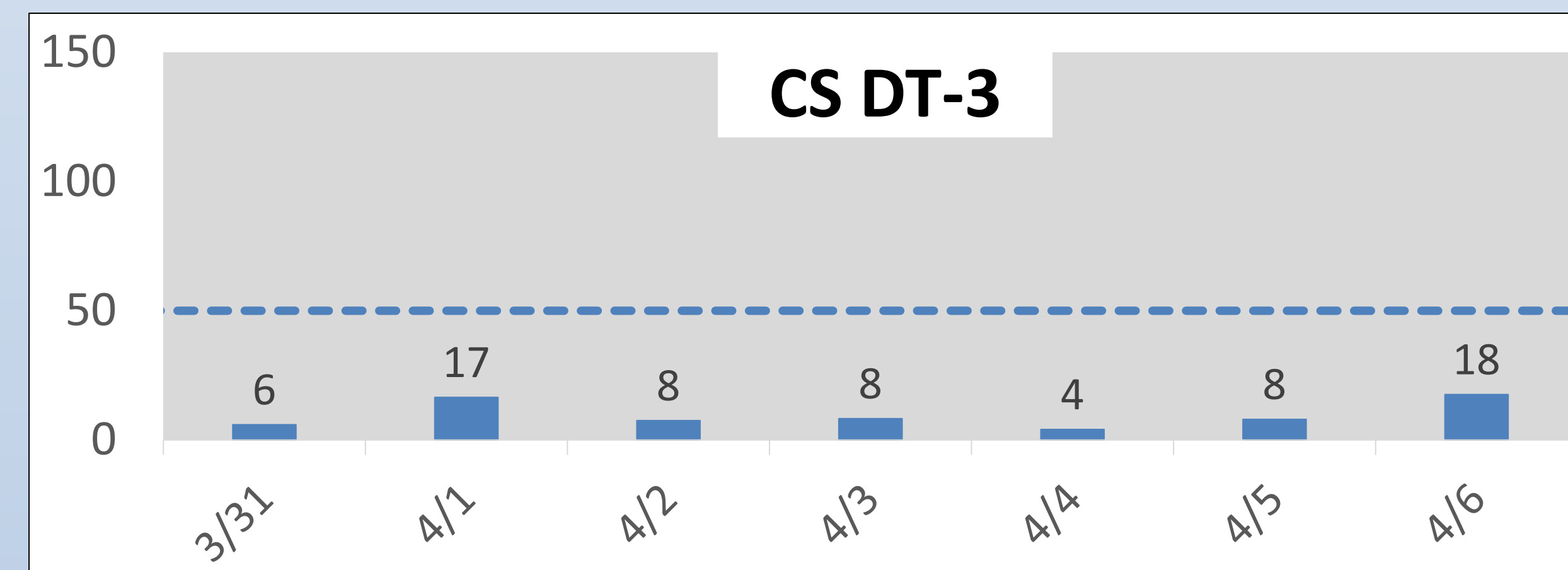
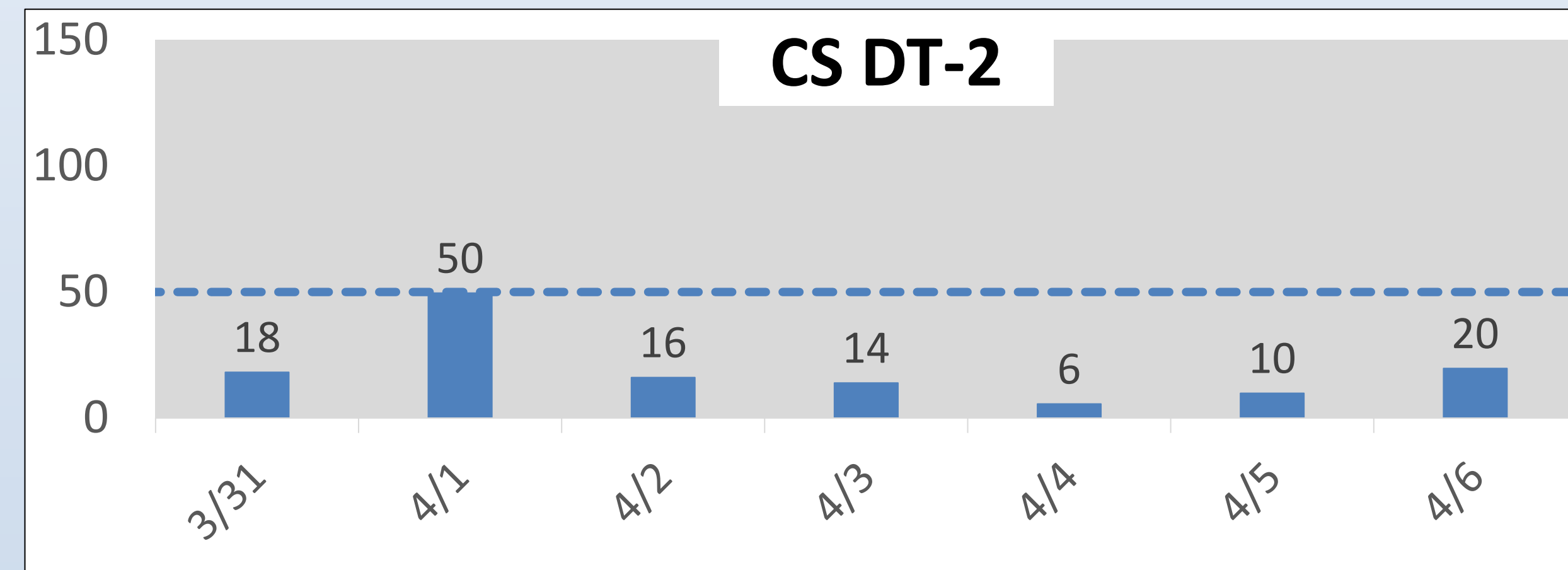
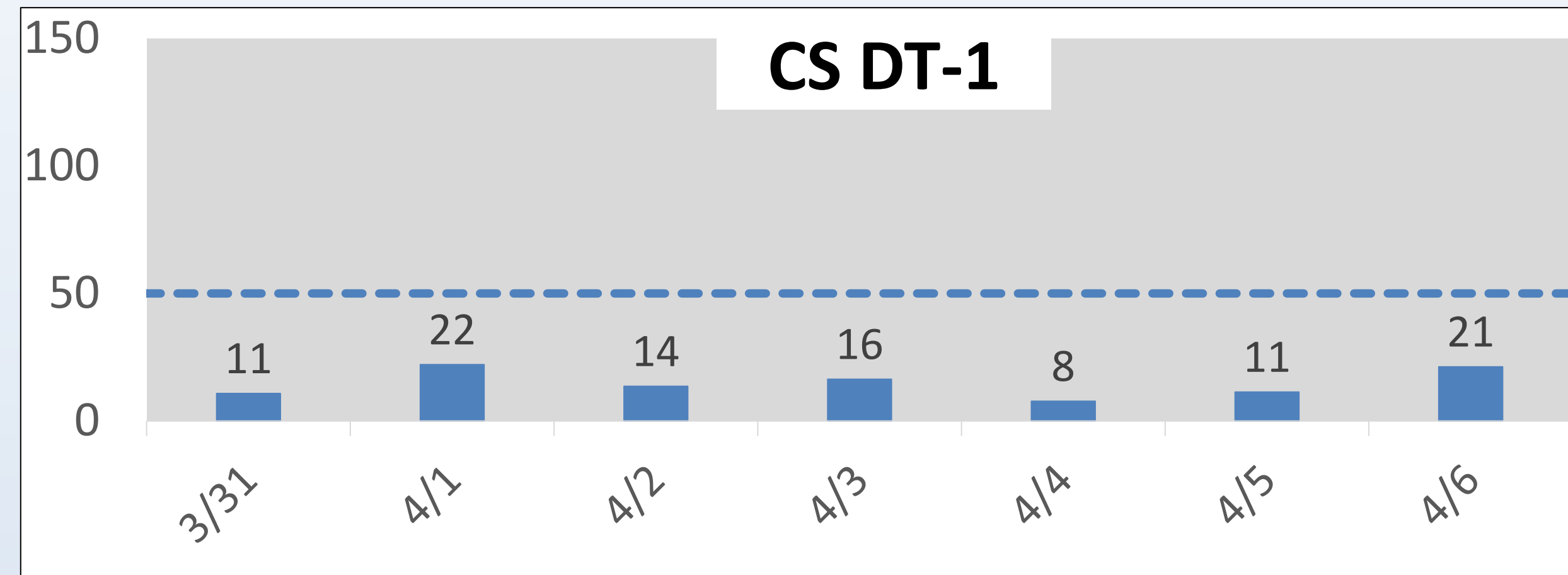
Net dust represents the dust that may be leaving the Site. This is determined by subtracting upwind data (dust blowing onto the Site from other sources) from downwind data. This helps us monitor that dust control actions are effective.



# Offsite Dust Monitoring

Total dust readings including upwind dust contribution  
Weekly – 3/31/2023 – 4/6/2023

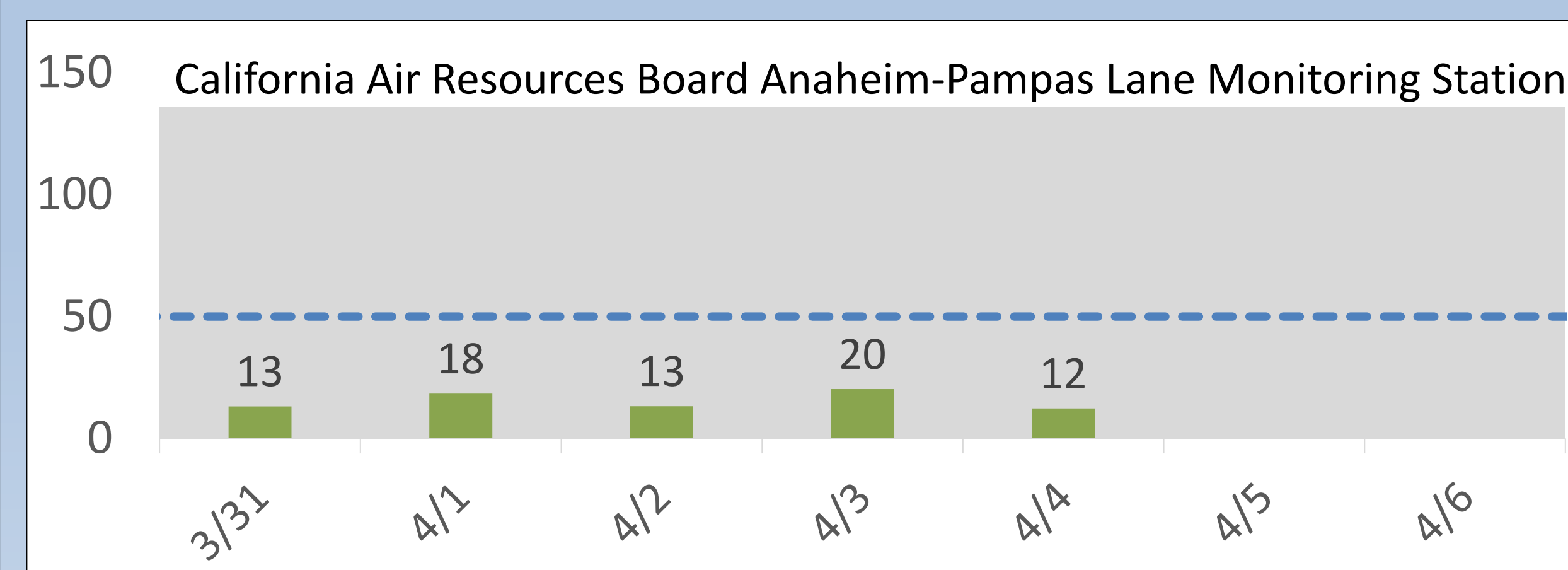
## Individual Offsite Stations: 24-Hr Average Dust Readings ( $\mu\text{g}/\text{m}^3$ )



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  $150 \mu\text{g}/\text{m}^3$ .



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

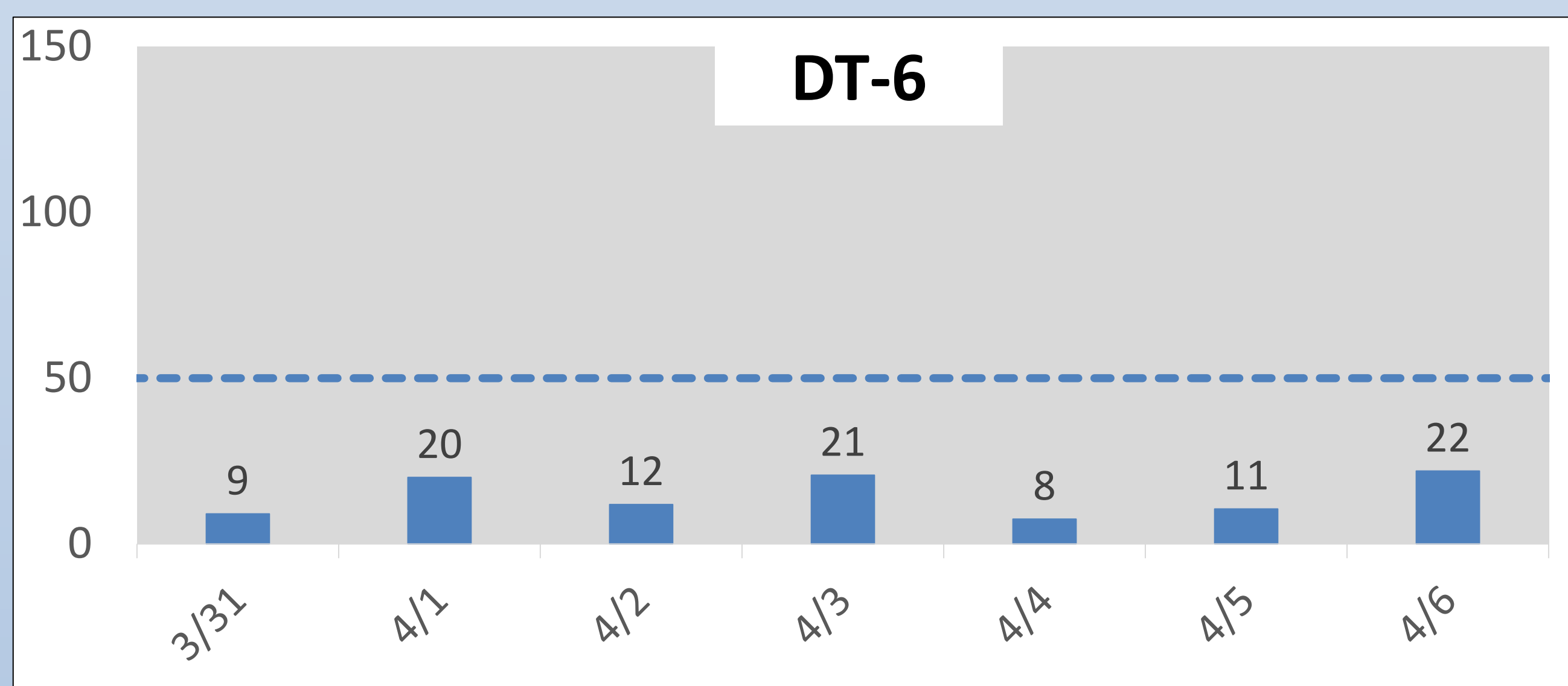
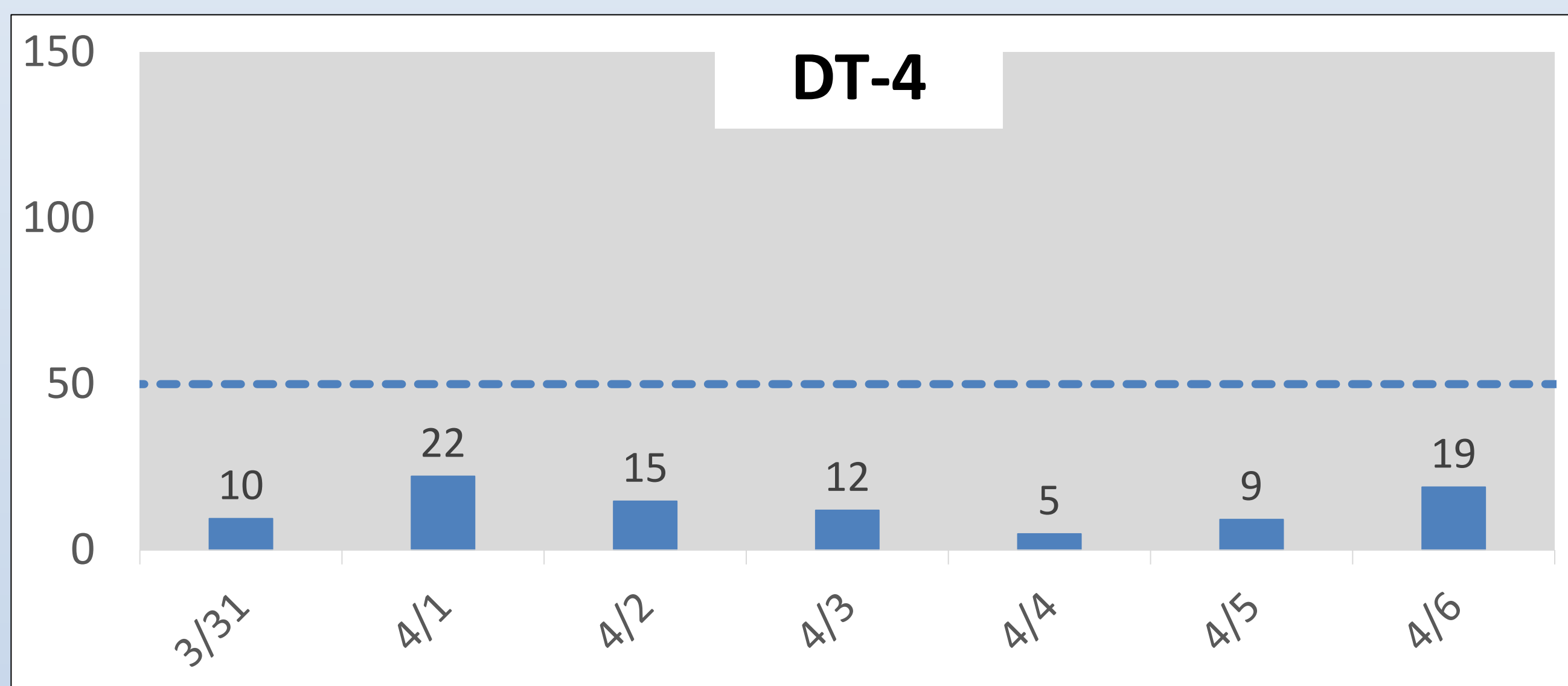
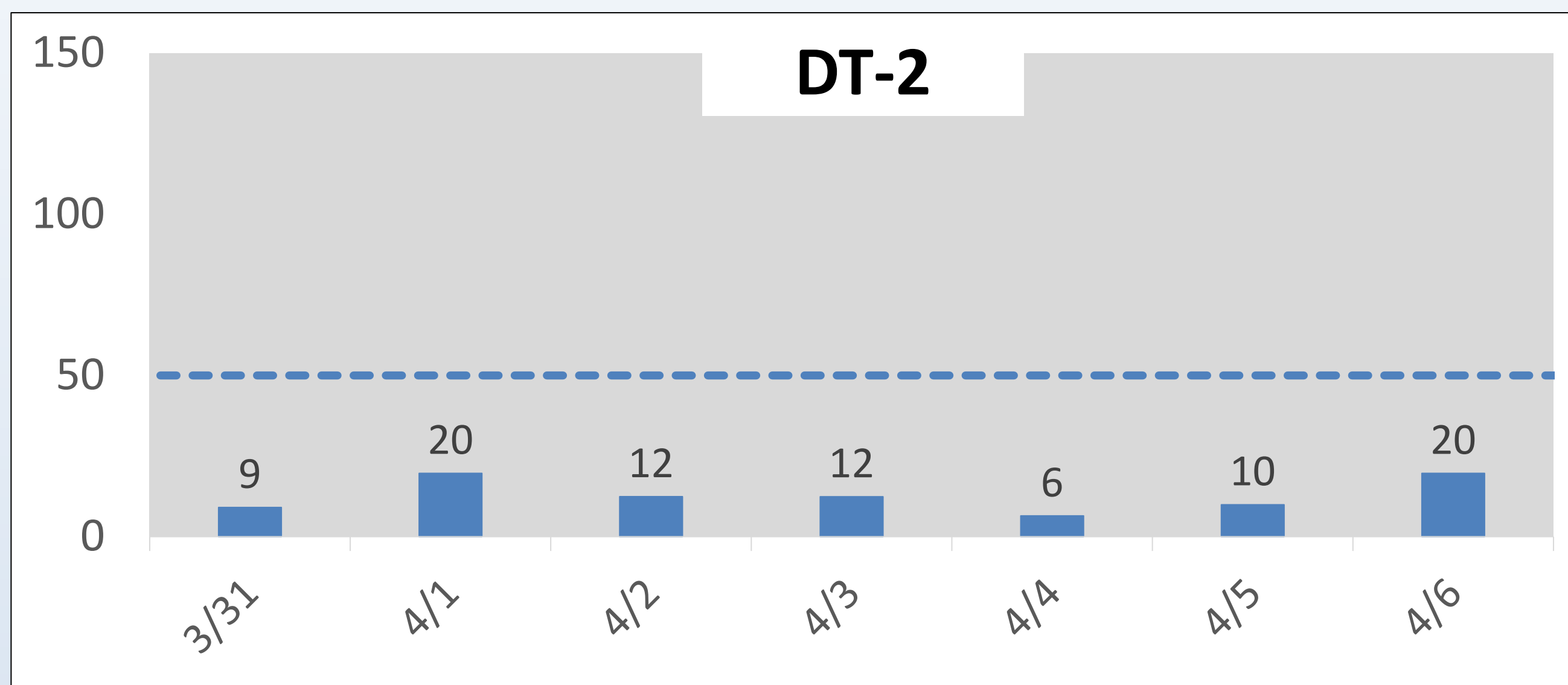


Closest regional station provided for comparison to regional trends.  
Background data is missing from regional station on 4/5-4/6.

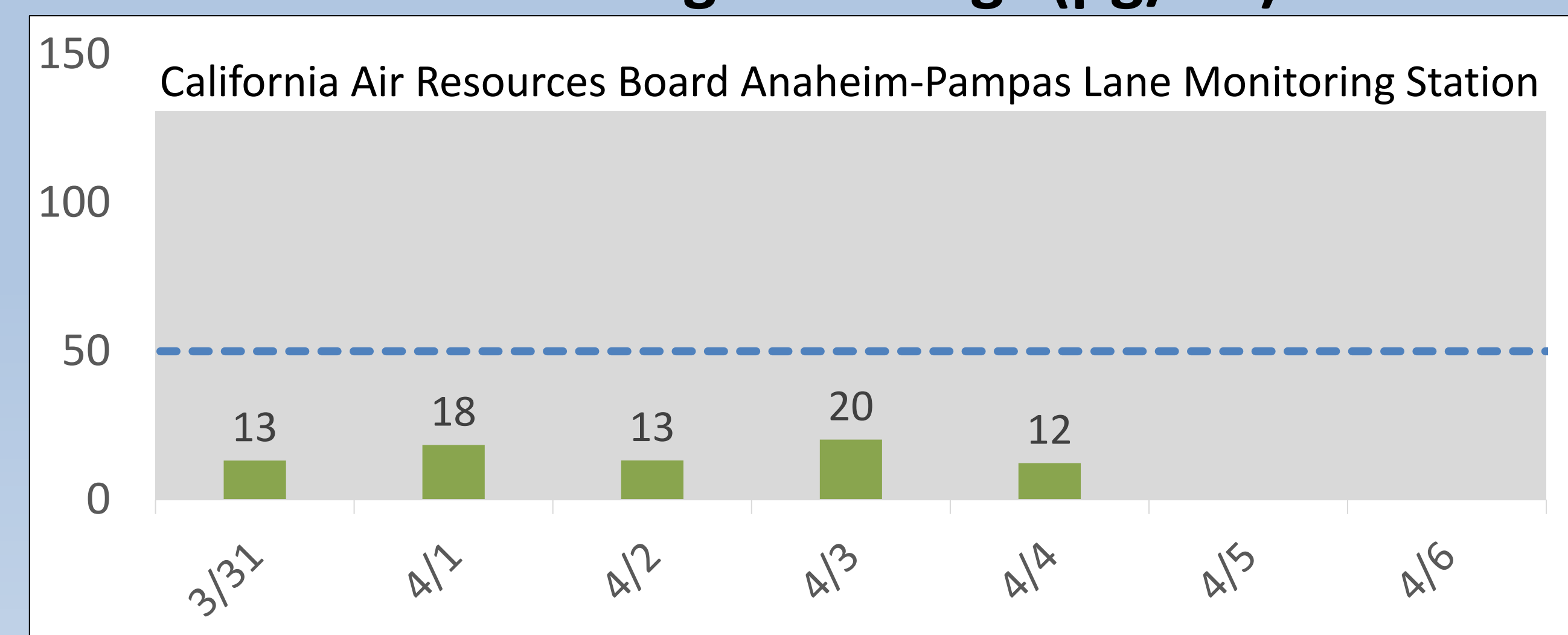
24-hour average concentrations were below air quality standards except for CS DT-2 on 4/1. CS DT-2 on 4/1 was at the 24-hr PM10 standard of  $50 \mu\text{g}/\text{m}^3$ , which was related to two anomalous high 2-hour readings. Readings returned to lower values for the rest of the day.



## 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. Background data is missing from regional station on 4/5-4/6.

# Onsite Dust Monitoring

## Total dust readings including upwind dust contribution Weekly – 3/31/2023 – 4/6/2023



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  $150 \mu\text{g}/\text{m}^3$ .

24-hour average concentrations were below air quality standards. Winds were blowing primarily from the southwest in the 10-20 mph range.