



THE PORT
OF LOS ANGELES

AMERICA'S PORT®

2023 Inventory of Air Emissions

Supplemental Questions

Presented by:

Lisa Wunder
Acting Director of
Environmental Management

Presented to:
Board of Harbor
Commissioners

November 7, 2024

San Pedro Bay Ports are Working Together to Reduce Environmental Impacts

POLA Air Emission Changes - 2023 Against 2017 Baseline

-14% 

Greenhouse Gases

-34% 

Nitrogen Oxides

-8%

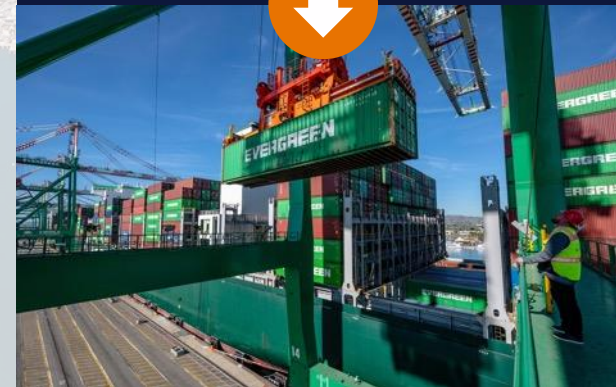
TEUs

-18% 

Diesel Particulate Matter

-28% 

Sulfur Oxides



San Pedro Bay Ports are Working Together to Reduce Environmental Impacts

POLA Air Emission Changes - 2023 vs 2022

-20%

Greenhouse Gases

-29%

Nitrogen Oxides

-13%

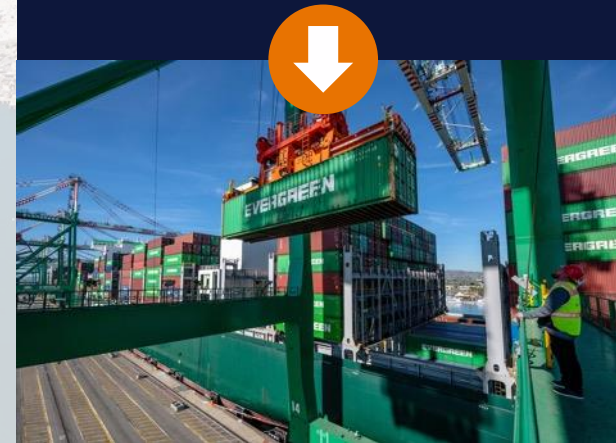
TEUs

-24%

Diesel Particulate Matter

-40%

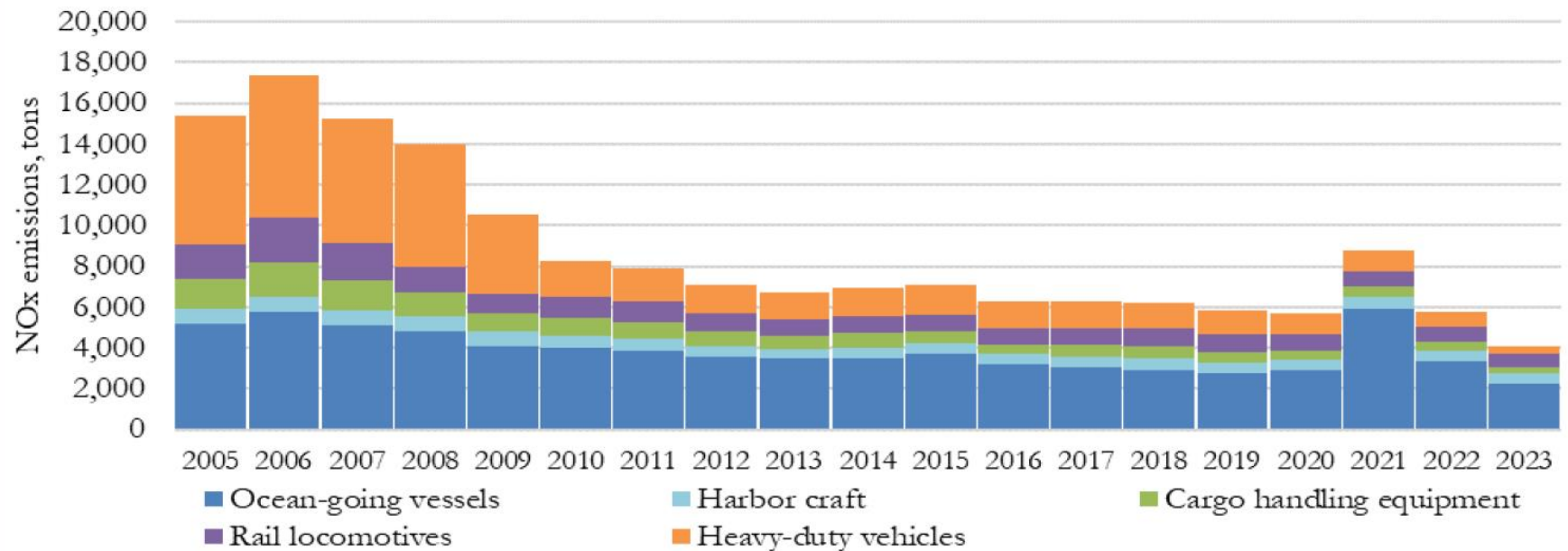
Sulfur Oxides



- Question: NOx reduction 2017-2023 (34%) not much larger than 2022-2023 (29%)
- Response: Elevated NOx in the first two quarters of 2022 due to remaining 2021 congestion skews comparison of these two periods; each year is unique in its activity and emissions characteristics

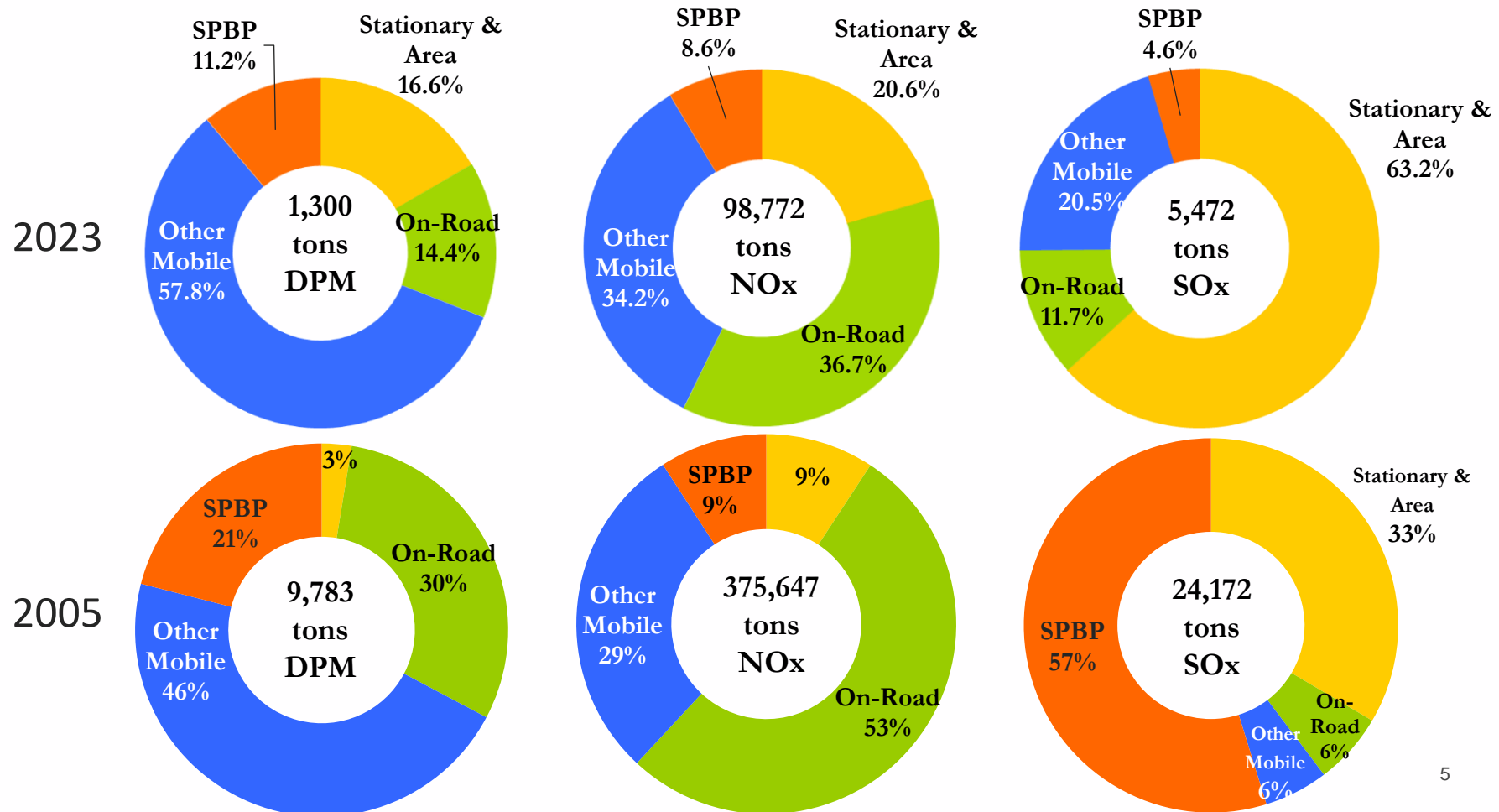
Emissions Trends Since 2005

Oxides of Nitrogen (NOx)



- Question: Why have the Ports remained roughly commensurate with regional NOx emissions while reducing DPM at a faster pace?
- Response: Region has significantly reduced NOx from 376K to 99K tons; DPM linked more closely to Port mobile sources while NOx linked more closely to on-road sources, stationary, other mobile

San Pedro Bay Ports Regional Contributions





A M E R I C A ' S P O R T ®

THANK YOU



portoflosangeles.org

@PortofLA