

MEETING OUR CLEAN AIR COMMITMENT



PORT OF OAKLAND


SEPTEMBER 2013

OUR COMMITMENT TO CLEAN AIR & HEALTHY COMMUNITIES

In 2009, the Port of Oakland committed to achieving an 85% reduction in seaport-related diesel health risk by 2020 from a 2005 baseline. In just three years we have already achieved a 70% reduction in diesel particulate matter emissions, even though we're handling 3% more cargo today than in 2005.

Based on our 2012 inventory, we are only 15% away from our 2020 goal, which we have a plan to achieve. This success is thanks to our Maritime Air Quality Improvement Plan (MAQIP) and many partners who have helped along the way.

DIESEL
EMISSIONS
ALREADY DOWN
70%



The Port of Oakland
is meeting its commitment
to cleaner air and
healthier communities.

15% AWAY **85%**
From our 2020 goal of:

The Port of Oakland oversees the 5th busiest container port in the U.S.; Oakland International Airport, the 2nd largest passenger airport and #1 air cargo airport in the San Francisco Bay Area; and 20 miles of waterfront, including Jack London Square and hundreds of acres of public parks and conservation areas. Port operations and those of its tenants and users generate more than 73,000 jobs in the region and are connected to nearly 827,000 jobs across the United States. Established in 1927, the Port is an independent department of the City of Oakland.

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2012 SEAPORT EMISSIONS INVENTORY



PORT OF OAKLAND

Emission Changes
2005-2012



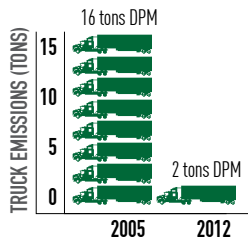
The 2012 Emissions Inventory shows significant reductions in emissions from nearly all seaport related sources.

EMISSION	OCEAN-GOING VESSELS	CARGO-HANDLING EQUIPMENT	HARBORCRAFT	LOCOMOTIVES	TRUCKS	OVERALL % CHANGE 2005-2012
DPM	-72%	-63%	-30%	-77%	-88%	-70%
CO	-1%	-49%	14%	-81%	-67%	-33%
NOx	4%	-46%	-32%	-75%	-60%	-15%
SOx	-80%	-92%	-94%	-100%	-90%	-80%
ROG	50%	-33%	11%	-83%	-74%	1%

EMISSIONS

- DPM (Diesel Particulate Matter)
- CO (Carbon Monoxide)
- NOx (Oxides of Nitrogen)
- SOx (Oxide of Sulfur)
- ROG (Reactive Organic Gases)

KEY CLEAN AIR PROGRAMS - HIGHLIGHTS



CLEAN TRUCKS

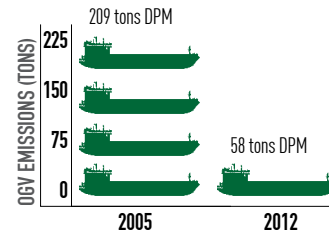
REDUCTIONS between 2005 and 2012:

14 TONS DPM

OCEAN GOING VESSELS

REDUCTIONS between 2005 and 2012:

151 TONS DPM



THANK YOU TO ALL PORT PARTNERS FOR HELPING TO IMPROVE AIR QUALITY AND PROTECT PUBLIC HEALTH

*Programs funded by Port, regional, state and federal grants (CARB Prop. 1B funds, BAAQMD, MTC, EPA, DOT) and significant investments by Port tenants and users.