

West Oakland Community Action Plan Steering Committee Meeting

June 5, 2019

MEETING GUIDELINES

Be on time and prepared to contribute to achieving the goals of the meeting.

Co-create this experience with positivity and energy.

Share airtime. Be concise and to the point. Create space for those who don't speak up as often.

Respect all voices. Have open ears and an open mind. Assume that together we know more.

Propose don't oppose. When you disagree with an idea, *attack the problem, not the person*. Propose a different idea or offer a solution.

Be Present. Silence your technology. Engage your mind and heart, knowledge and intuition, expertise and passion.

Take care of yourself. Stand or stretch, take bio breaks, as needed.

West Oakland Community Action Plan
Steering Committee Meeting

Brian Beveridge
West Oakland Environmental
Indicators Project

**Summary of May 1, 2019
Meeting**

West Oakland Community Action Plan
Steering Committee Meeting

Yvette DiCarlo
Bay Area Air Quality
Management District

Update of Draft Plan



BAY AREA
AIR QUALITY
MANAGEMENT
DISTRICT

West Oakland
Environmental Indicators
Project



West Oakland Community Action Plan Status

Steering Committee Meeting
June 5, 2019

Proposed Action Plan Outline

- Introduction
- Purpose/Scope
- Community Description
- Goals & Targets
- Existing Plans
- Technical Assessment
- Community Engagement
- Strategies – Authorities, strategies, implementation schedule
- Funding
- Enforcement Plan
- Tracking Progress

Upcoming Meetings

June

June 5 – Steering Committee: Tracking/Implementation Authority

June 26 – Workgroup for Steering Committee to review Initial Draft Plan

July

July 10 – Steering Committee: Comments on Initial Draft Plan

July 19 – Estimated Public Release of Draft Plan (no meeting)

August

Early August – West Oakland Town Hall: Steering Committee presents Draft Plan to Community

West Oakland Community Action Plan
Steering Committee Meeting

Alison Kirk

Bay Area Air Quality
Management District

Update of Draft Plan



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Plan Implementation: Tracking Progress

Plan Goal

Protect and improve community health by eliminating disparities in exposure to local air pollution

Tracking Slide from May 3, 2019:

“Tracking is a Process

Tracking unfolds over time.

It doesn't only happen once, at the end.

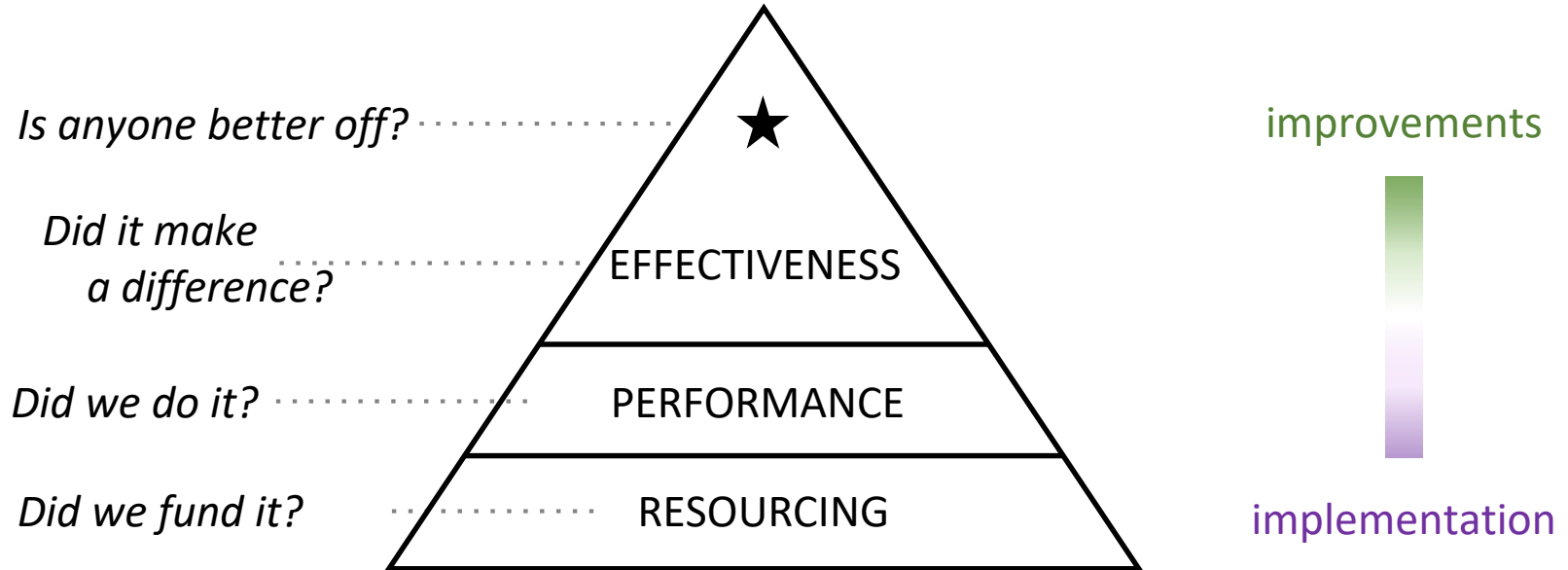
With tracking, we don't have to just accept what happened.

We can gauge progress *while there's still time to adapt.*”

Tracking Example: Strategy #42

“The Air District offers financial incentives to replace box and yard diesel trucks with zero emission trucks owned by West Oakland businesses every year.”

Ideal Tracking Process: May 3, 2019



Strategy #42: Building up Metrics

1. *Did we fund it?*

Did the Air District offer financial incentives?

2. *Did we do it?*

Did West Oakland businesses accept the funds & purchase zero-emissions equipment?

3. *Did it make
a difference?*

Can we quantify or characterize outcomes?

Strategy #42: Data Collection

1. Did the Air District offer financial incentives?

Funding offer letters to truck owners

2. Did West Oakland businesses accept the funds & purchase zero-emissions equipment?

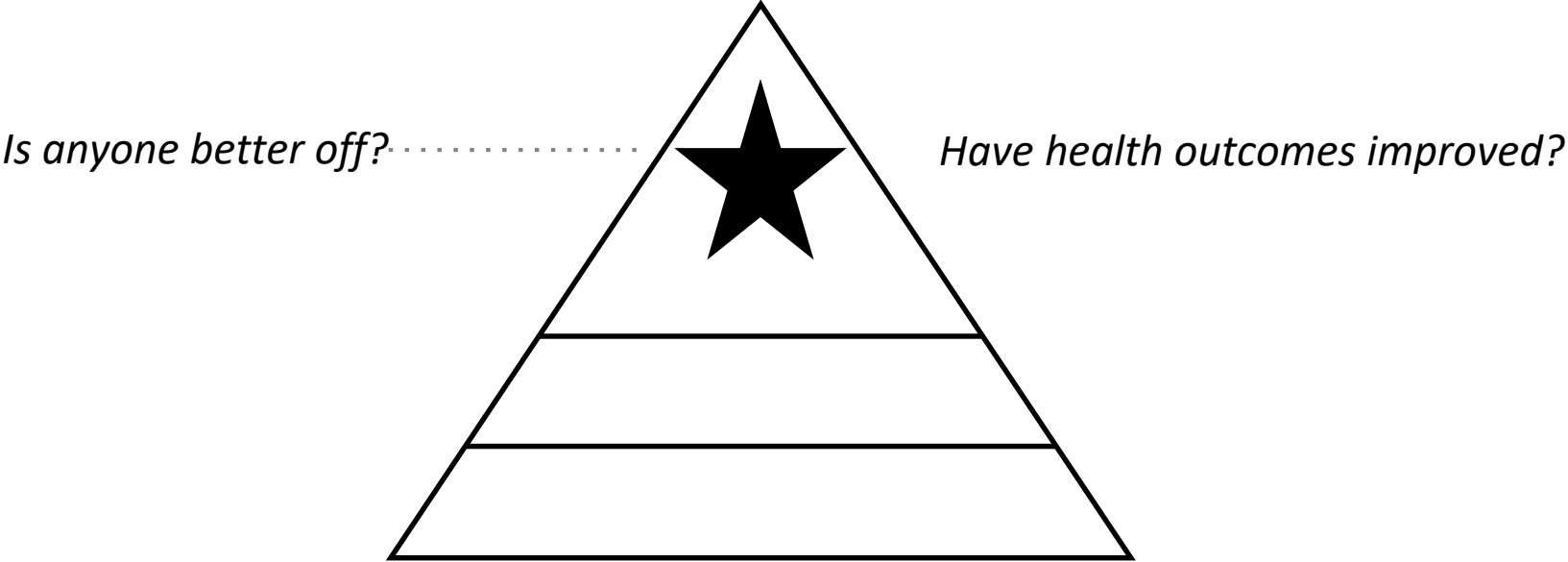
Signed contracts between Air District and truck owners, receipts for new truck purchase

3. Can we quantify or characterize outcomes?

How many tons of emissions were reduced?

= Engine emissions specifications and mileage documentation

Tracking Pyramid



4. Have health outcomes improved?



1. Implementation takes time
 2. Many factors contribute to health outcomes:
 - clean air and water
 - affordable healthcare, healthy foods, housing
 - safe neighborhoods and
 - dependable transportation, education, and social support
- We may see improvements in health outcomes during Plan implementation, but it will be difficult to attribute these improvements to individual measures in the Plan, or even the Plan as a whole.

Summary

- Steering Committee will determine the best way to track implementation
- The Draft Plan will summarize tracking implementation
- Plan success will need the cooperation of partner agencies (City, Port, County, Air District, CARB, etc.)

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West Oakland Environmental
Indicators Project

**Laying the Foundation for
Implementation**



West Oakland Community Action Plan Update

June 5, 2019

AB 617 Communities

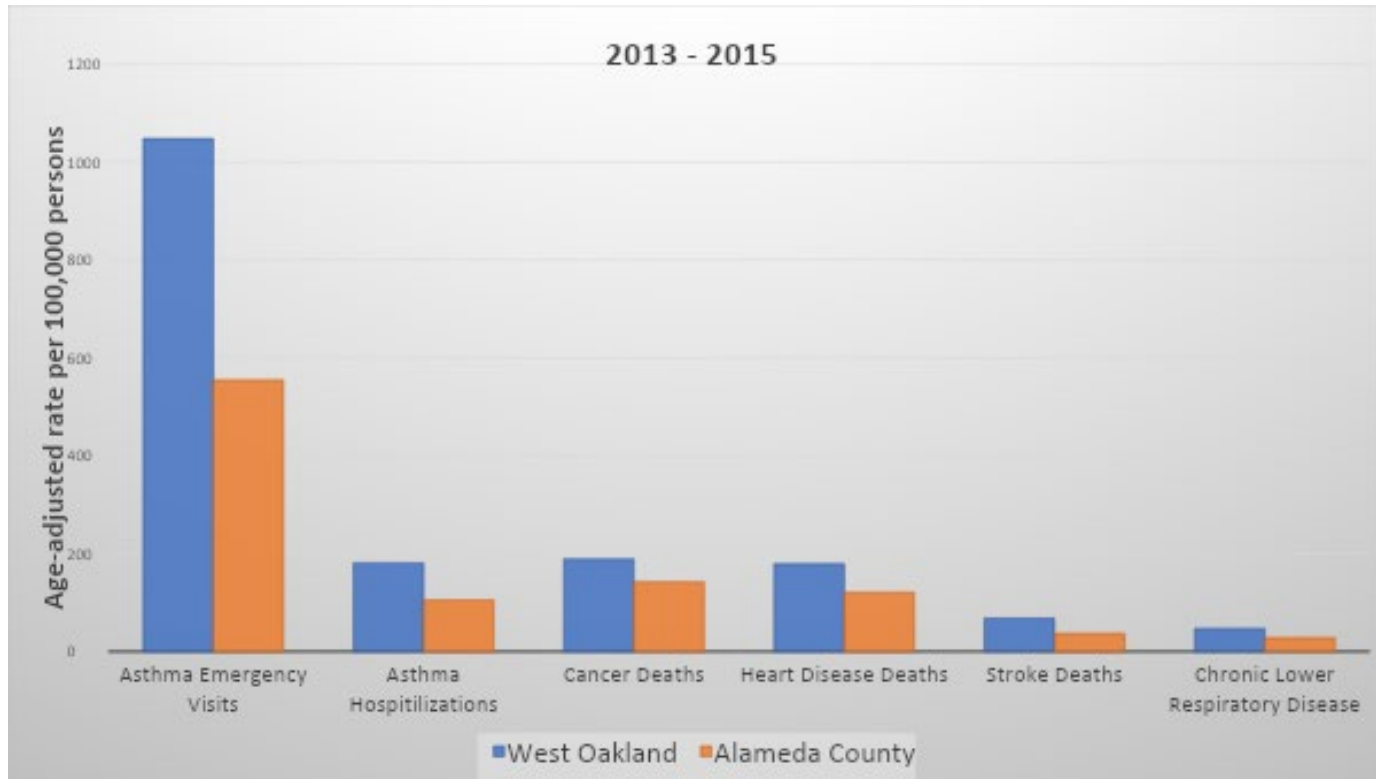
Year 1

West Oakland – action plan

Richmond - monitoring



Health Indicator Rates in West Oakland and Alameda County



Community Engagement – Developing the Steering Committee

West Oakland Environmental Indicators Project:

- Co-lead planning partner
- Long history of community organizing, citizen science in West Oakland
- Select and establish Steering Committee
- Steering Committee training, orientation
- Kick-Off July 2018 at Oakland City Hall



Steering Committee – Overview

- 26 members
- Monthly meetings
- Great turnout and ideas
- Partner presentations
- Interactive exercises



Steering Committee – Getting Up to Speed

Built technical knowledge:

- Air quality and health
- Existing and ongoing studies
- Modeling vs. measuring

Placed in context:

- Compliance and enforcement
- Agency responsibilities

Taking action:

- Identify goals and targets
- Identify strategies to reduce emissions and exposure



How Much is Local?

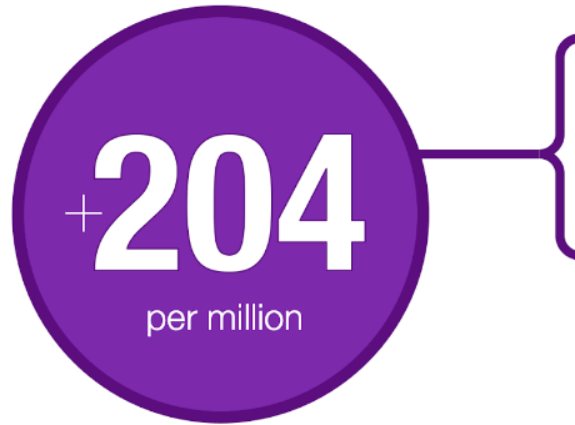
DRAFT 2019-05-31

Modeled Impact, on Residential Cancer Risk, of **Local (versus Regional)** Emissions of Toxic Air Contaminants

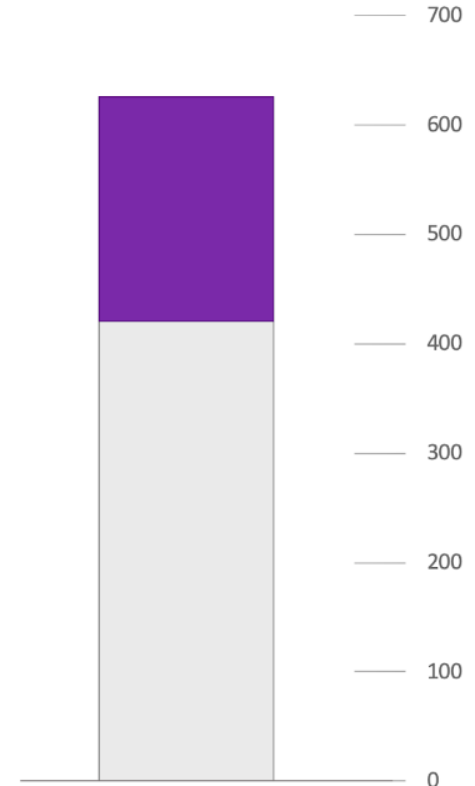
Top Local Contributors*

- Trucks (39%)
- Marine Vessels (31%)
- Rail (17%)

Cancer Risk



■ Local model – mapped impacts
□ Regional model (minus West Oakland)



* cancer risk from construction was not modeled

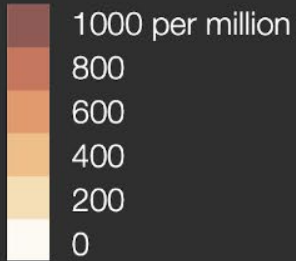
Modeled Impact of Local Sources on Residential

Cancer Risk

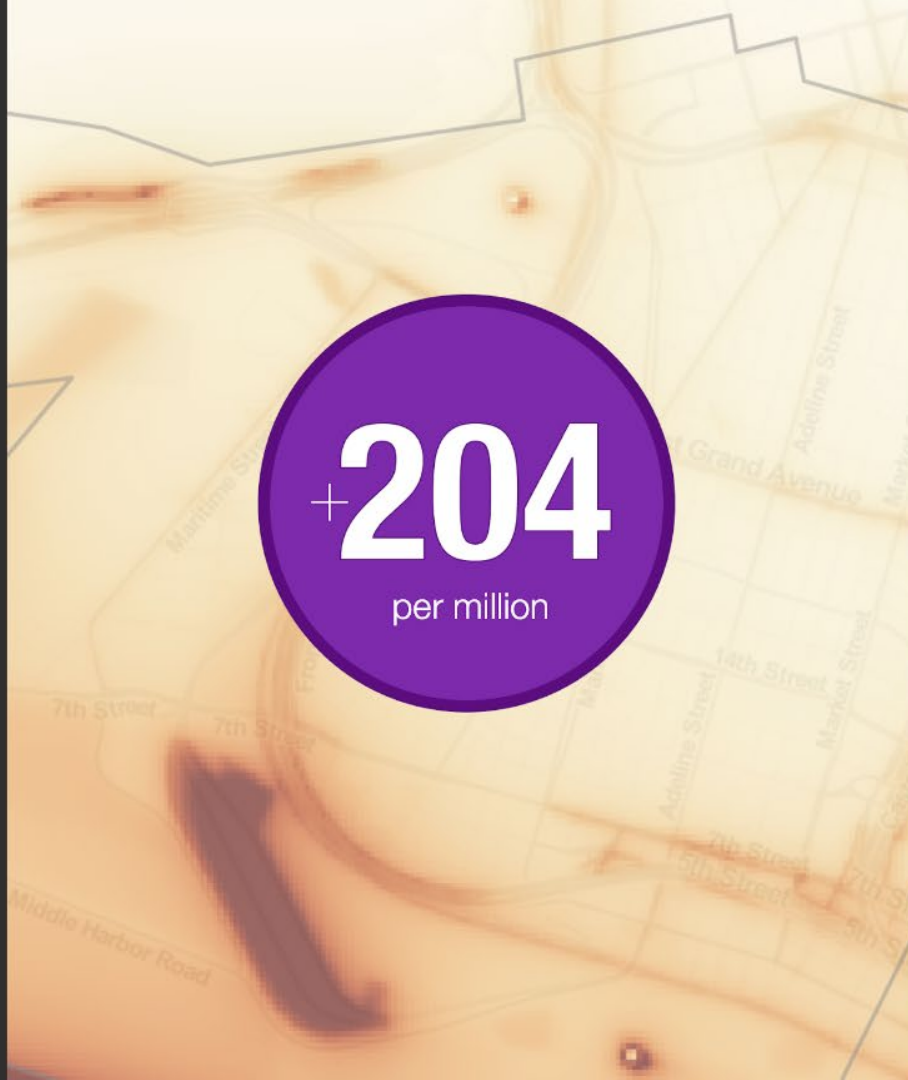
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DRAFT 2019-05-31



Impacts on Cancer Risk (30-yr, per million)

Highway

| | | |
|------------------------|------|-----|
| Heavy/Medium HD trucks | 32.2 | 16% |
| Non-truck vehicles | 7.3 | 4% |
| Light HD trucks | 1.6 | 1% |

Street

| | | |
|------------------------|------|-----|
| Heavy/Medium HD trucks | 39.3 | 19% |
| Non-truck vehicles | 7.5 | 4% |
| Light HD trucks | 1.9 | 1% |

Port

| | | |
|--------------------------|------|-----|
| Harbor craft | 24.3 | 12% |
| OGV (berthing) | 16.5 | 8% |
| OGV (maneuvering) | 10.5 | 5% |
| Dredging | 6.1 | 3% |
| Drayage trucks* | 4.6 | 2% |
| Cargo handling | 3.4 | 2% |
| Railyard (OGRE) | 2.2 | 1% |
| Railyard (BNSF) | 1.6 | 1% |
| Bunkering (tugs + pumps) | 1.0 | 0% |
| Non-truck vehicles | 0.1 | 0% |

Rail

| | | |
|---------------|------|----|
| Railyard (UP) | 15.5 | 8% |
| Rail lines | 14.9 | 7% |

Permitted

| | | |
|------------------------|-----|----|
| Schnitzer (stationary) | 4.1 | 2% |
| Other facilities | 2.2 | 1% |
| EBMUD | 1.6 | 1% |

Other

| | | |
|--------------------------|-----|----|
| Ferries | 3.7 | 2% |
| Schnitzer (ships) | 1.3 | 1% |
| Truck-related businesses | 0.7 | 0% |
| Schnitzer (trucks) | 0.1 | 0% |

204.2 100%

DRAFT 2019-05-31.

Residential impacts from modeled local sources only.

* Drayage trucks at any location (Port, street, or highway).

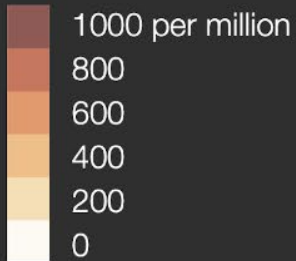
Modeled Impact of Local Sources on Residential

Cancer Risk

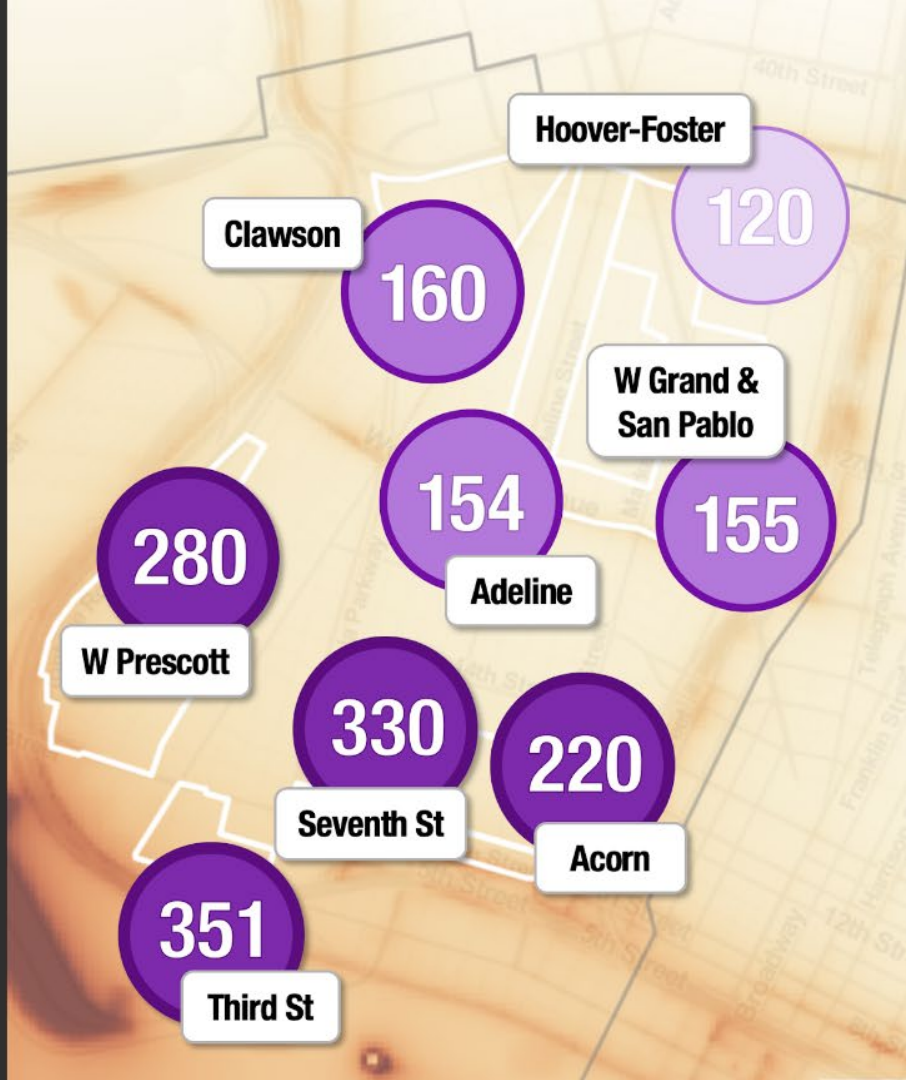
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- Rail (**17%**)

* cancer risk from construction was not modeled



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Highest impacts found at community-designated

Impact Zones

W Prescott

46% Port, 26% Rail, 23% Truck

Third St

42% Port, 33% Rail, 18% Truck

Seventh St

35% Port, 15% Rail, 44% Truck

Acorn

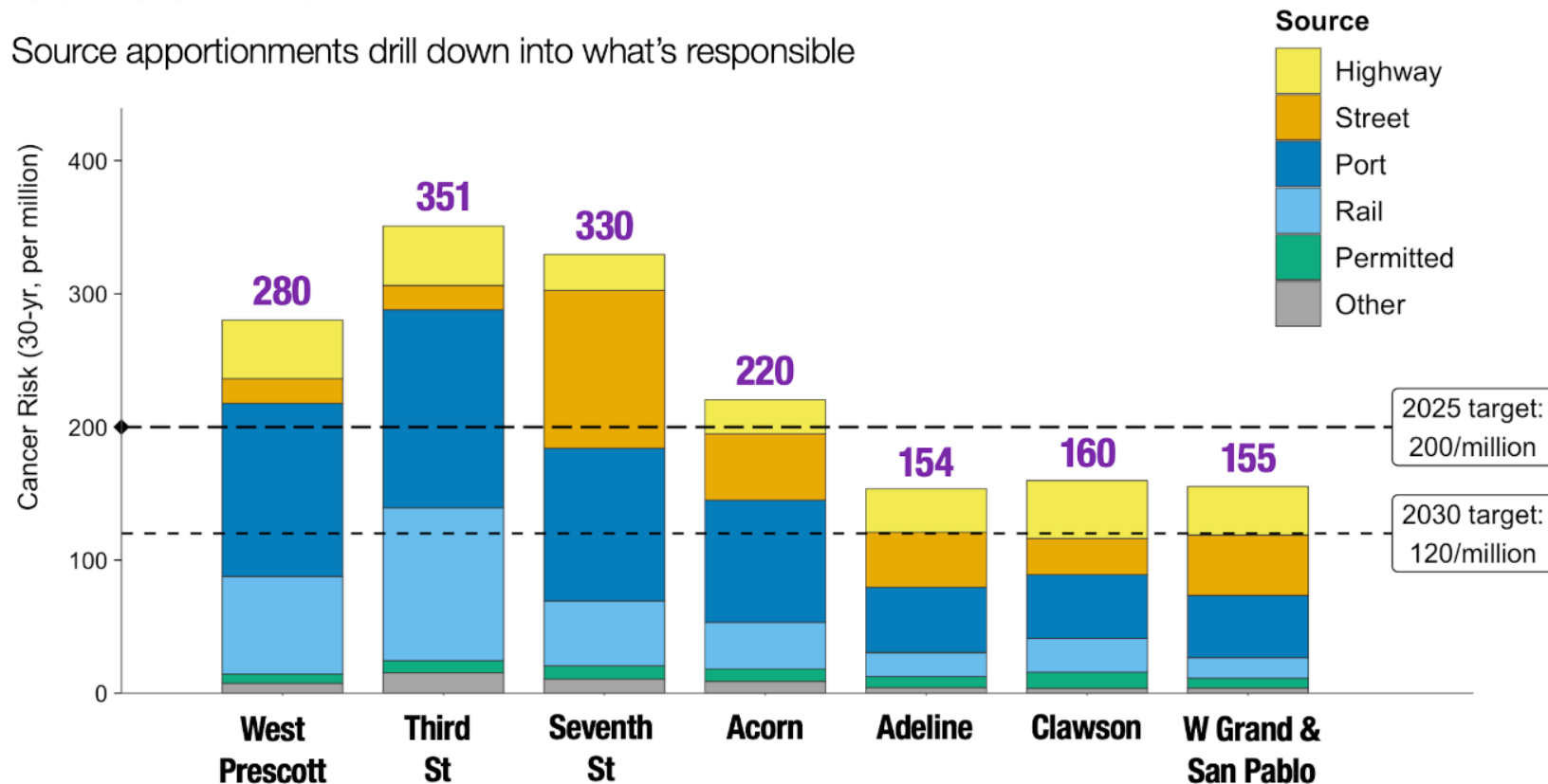
42% Port, 16% Rail, 35% Truck



Black Carbon Measurements
EDF / Google / Aclima (2017)

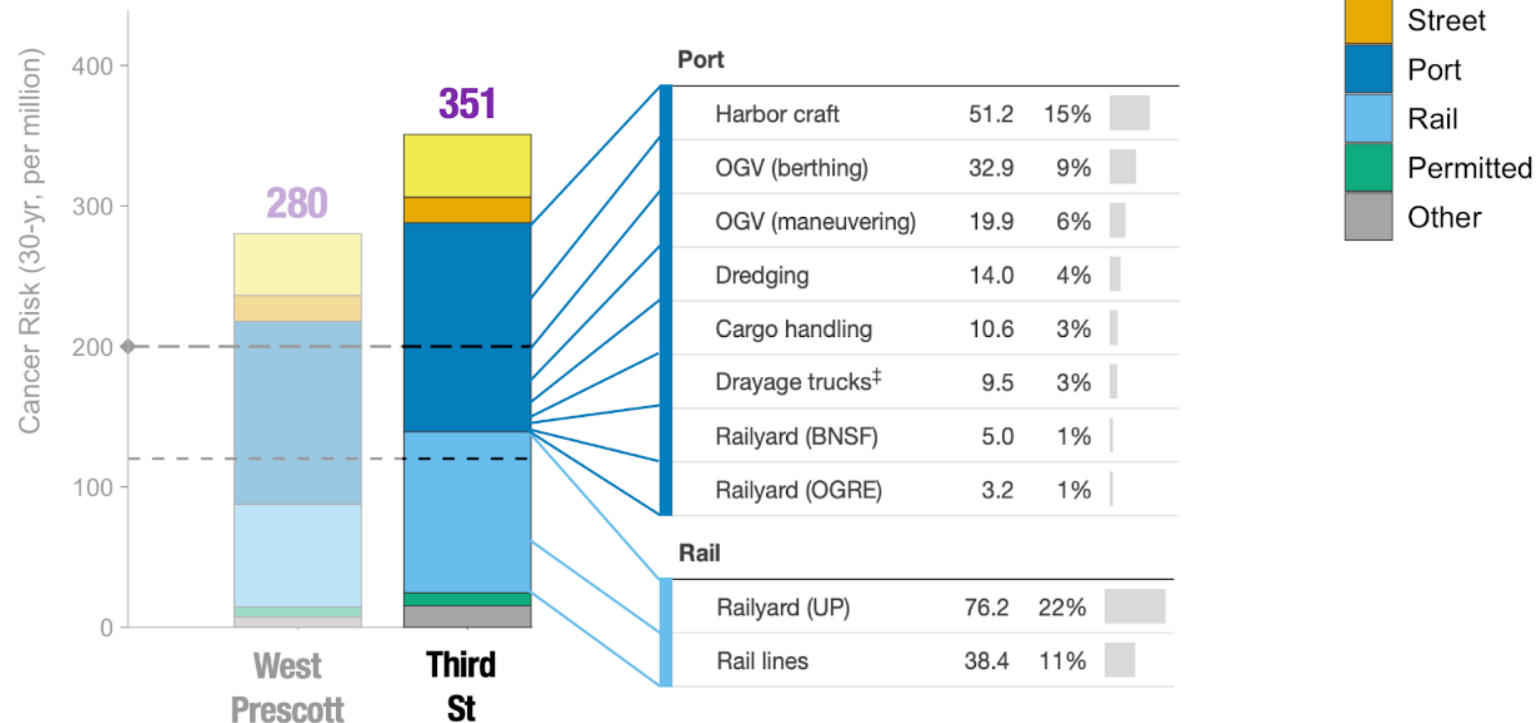
Cancer Risk

Source apportionments drill down into what's responsible



Cancer Risk

Source apportionments drill down into what's responsible



West Oakland Proposed Strategies - Overview

Land Use

Relocate recycling businesses

Accelerate relocation of auto-repair and painting that conflict with West Oakland Specific Plan (WOSP) zoning

Incentives to relocate truck yards/repair, etc.

Truck

Better route and parking enforcement

Stop idling in West Oakland

Incentives for cleaner trucks

More street sweeping

Other Mobile Sources

Incentives for cleaner rail, marine, off-road upgrades

Implement zero-emissions equipment

California Air Resources Board (CARB) regulations

Car, bike incentives

Stationary Sources

Amendments and new regulations

Incentives for stationary diesel engines

Enhanced enforcement

Magnet sources

Health Programs

Incentives for exposure reduction (MERV 13, etc)

Expansion of County Asthma Management

Healthy Oakland Development Guidelines



Seaport Air Quality 2020 and Beyond Plan A Pathway to Zero-Emissions Seaport Operations



- Key Strategies

1. Sets goal of zero emissions Port
2. Commits to some near-term reductions
3. Includes mechanism to add measures that further reduce air pollution exposure

- Air District Concerns

1. Allows for increased greenhouse gas and diesel particulate matter emissions
2. No interim targets on path to zero emissions
3. No commitment to upgrade electrical infrastructure
4. Less progressive than plans for Southern California ports
5. No commitment to incorporate measures needed to meet goals of West Oakland Community Action Plan



Q&A

NEXT MEETING:

July 10, 2019





West Oakland Low Carbon Transportation Investments Workshop

by West Oakland Environmental Indicators Project

Free

[Register](#)

Description

Come have dinner with **West Oakland Environmental Indicators Project** at **DeFremery Park June 10th, 2019** from **5:30PM to 8:00PM**.

We will be having dinner and a workshop to increase awareness and access to clean transportation:

- Currently, there are **millions** of dollars available from the California Air Resources Board's Low Carbon Transportation Investments programs, which aim to serve disadvantaged communities and lower-income households.
- Learn about rebates and incentives to replace old cars with electric and hybrid cars and pay for charging equipment
- Learn about funding opportunities to bring clean, shared mobility options to West Oakland, such as car share, ride share, bike share and neighborhood transit
- Discuss community transportation needs and action to take advantage of these resources

Dinner and childcare* provided.

Date And Time

Mon, June 10, 2019
5:30 PM - 8:00 PM PDT

[Add to Calendar](#)

Location

DeFremery Recreation Center
1651 Adeline Street
Oakland, CA 94607

[View Map](#)