



ALAMEDA COUNTY TRANSPORTATION COMMISSION

2020 Performance Report

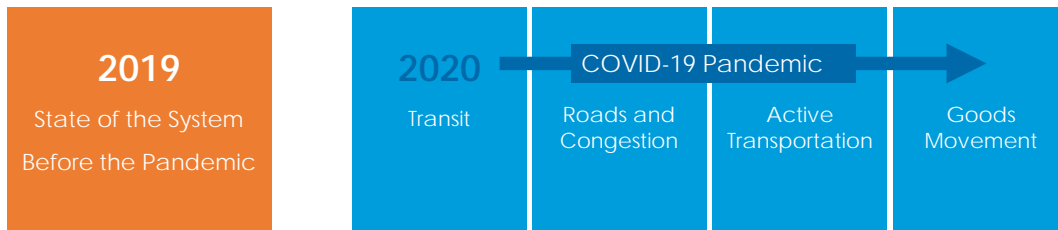



A presentation to the Alameda County Technical Advisory Committee
Chris G. Marks, Transportation Planner, Alameda CTC
 February 4, 2020

About this Report

- The purposed of annual reporting:
 - Elucidate trends, highlight changes, provide important data to inform policy and decision-making throughout the agency
 - Meets legislative requirement
- 2020 Report does not follow usual data methodologies
- Provides most current data/trend analysis on: active transportation, autos, transit, and goods movement
- Full Report available on website

2020 Performance Report



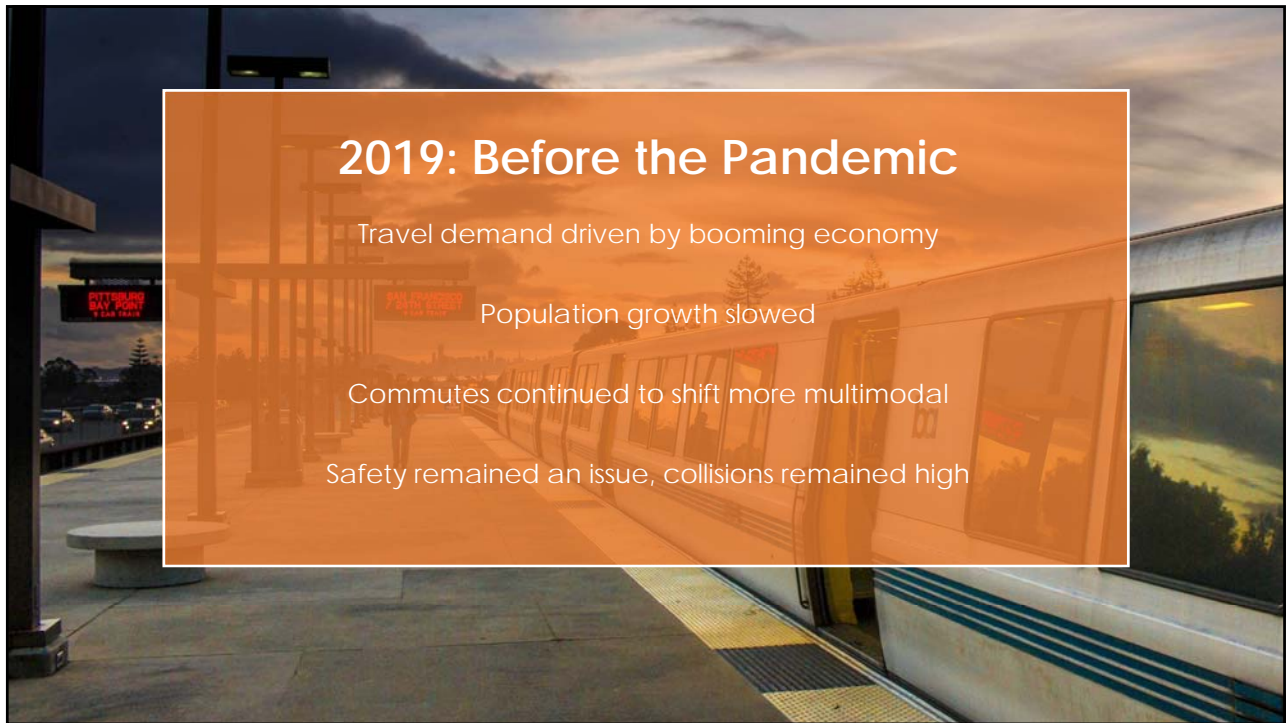
2019: Before the Pandemic

Travel demand driven by booming economy

Population growth slowed

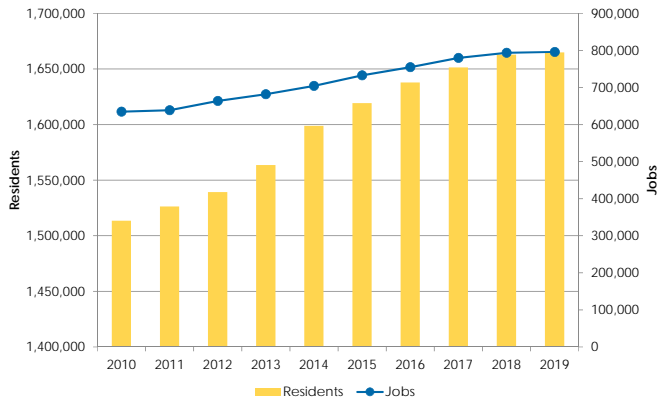
Commutes continued to shift more multimodal

Safety remained an issue, collisions remained high



2019: Slowing Growth in Alameda Co.

Annual Population and Job Growth



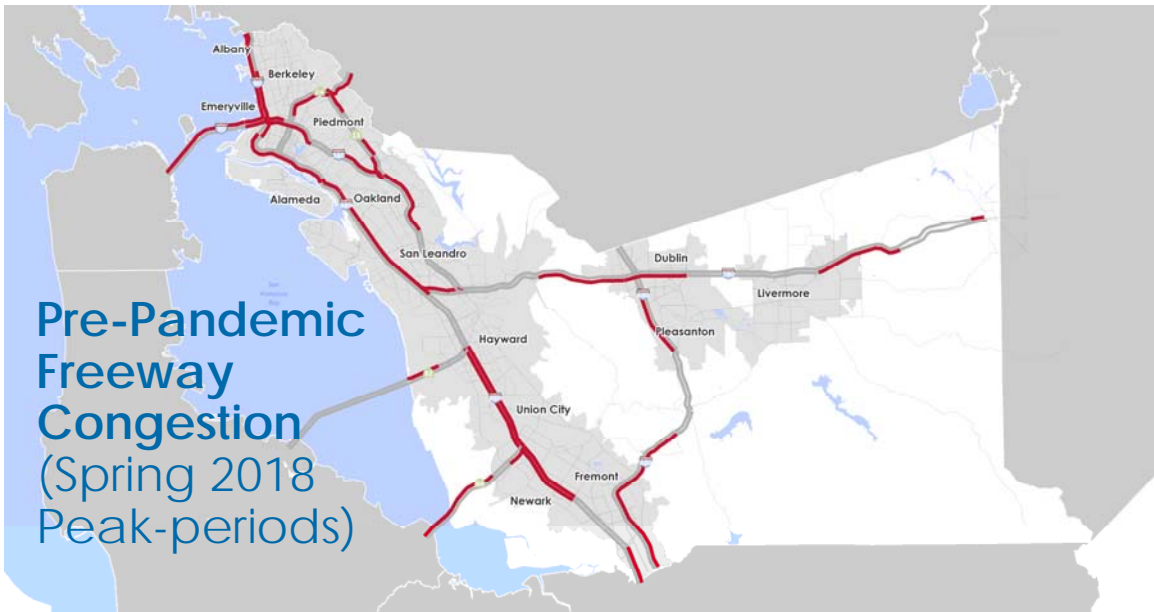
Alameda County
1,660,000 total population
800,000 total jobs

Unemployment Rate
2.5% - 3.0%



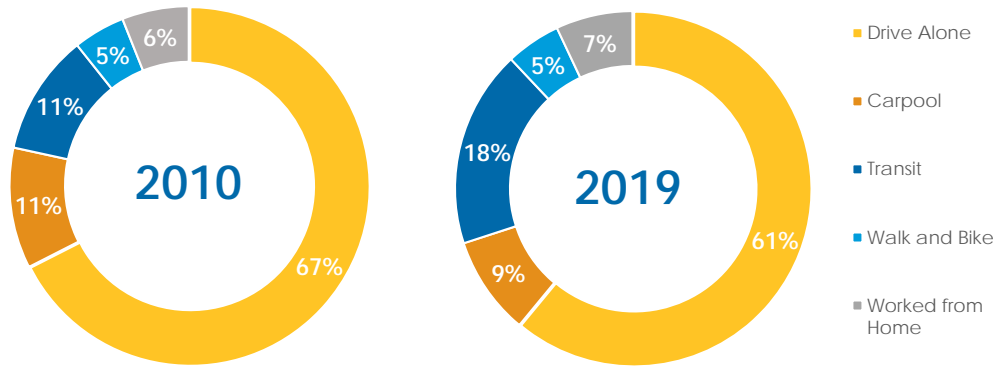
Sources: BLS OCEW, 2006-2019 (jobs), DOF 2006-2019 (residents)

Pre-Pandemic Freeway Congestion
(Spring 2018 Peak-periods)



Sources: Alameda CTC LOS Monitoring Report, 2018 AM/PM LOS-F

Commuters continued to choose transit

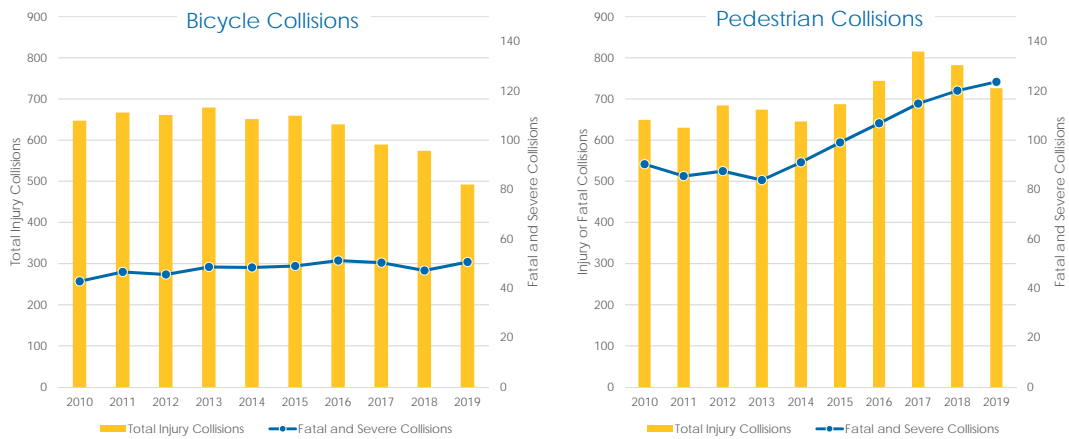


Sources: American Community Survey 1-year Estimate, 2010, 2017

State of the System

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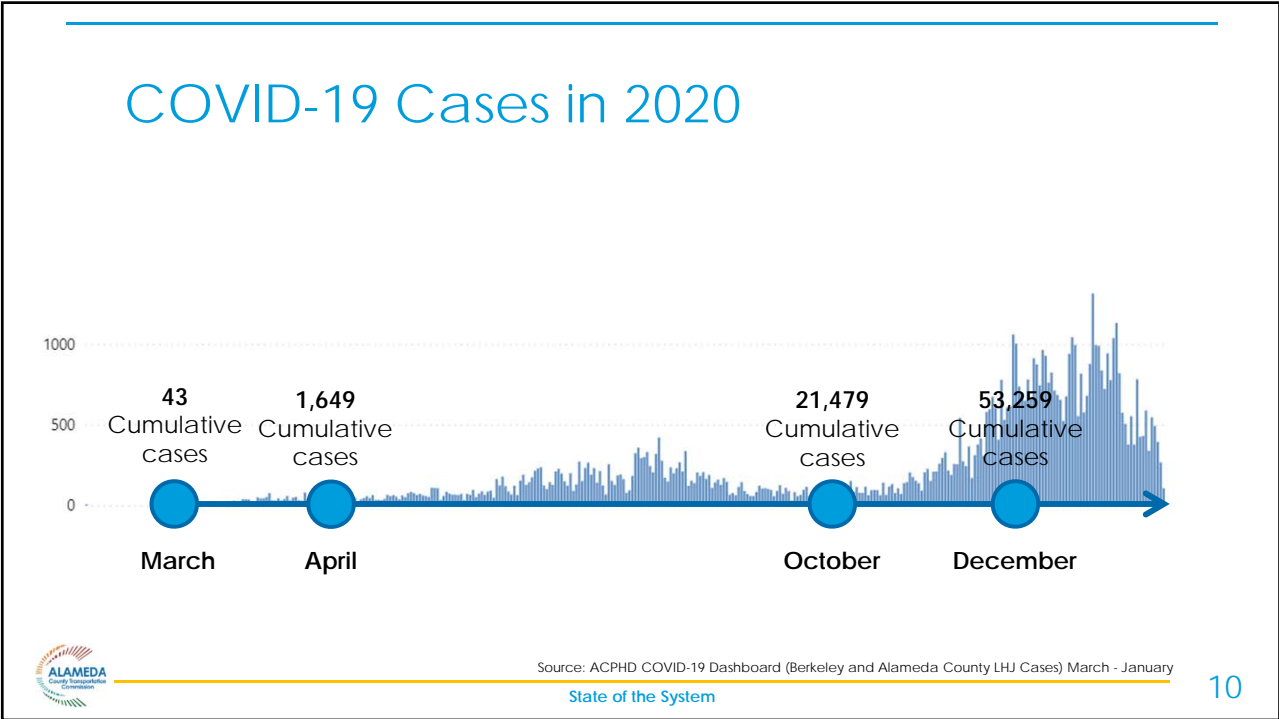
Safety still a concern



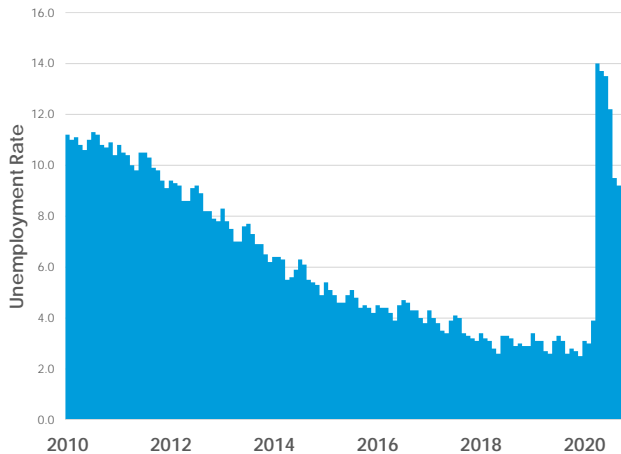
Sources: Traffic Injury Mapping System (2010 – 2019(provisional))

State of the System

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Historic Rise in Unemployment

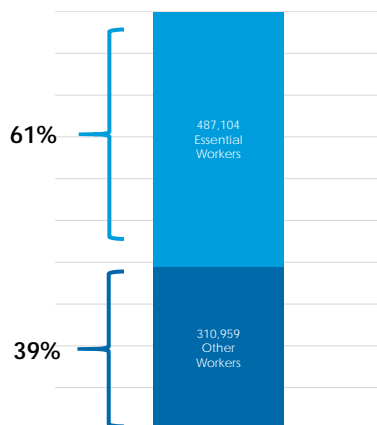


- December 2019: 2.5%
- April 2020: 14.0%
- October 2020: 7.6%



Source: Bureau of Labor Statistics, Local Area Unemployment, Alameda County, January 2010 - November (P).

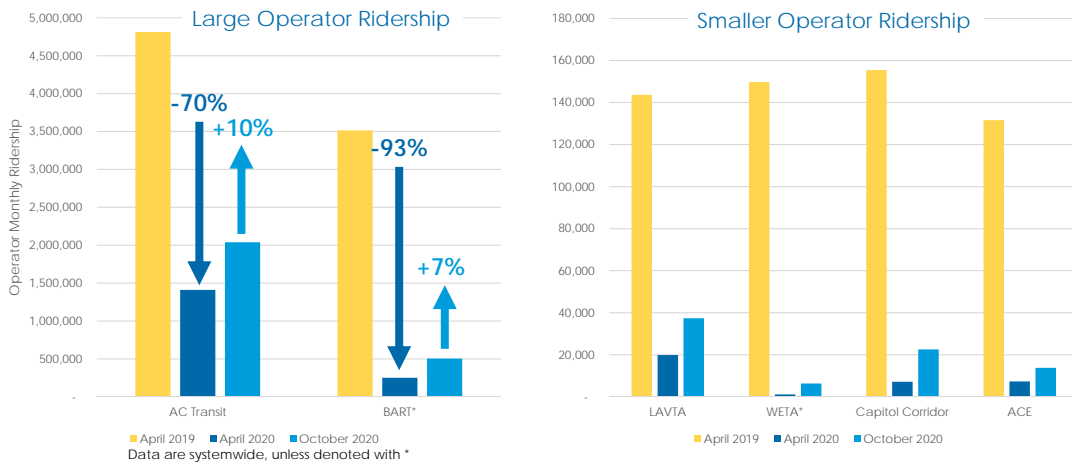
Essential Workers and Telecommuting in Alameda County



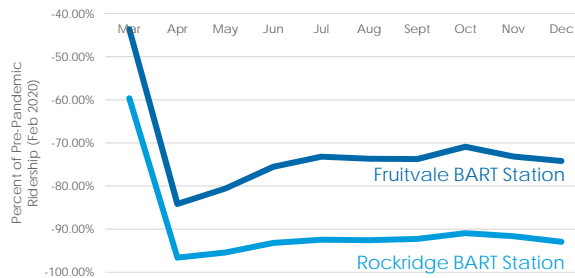
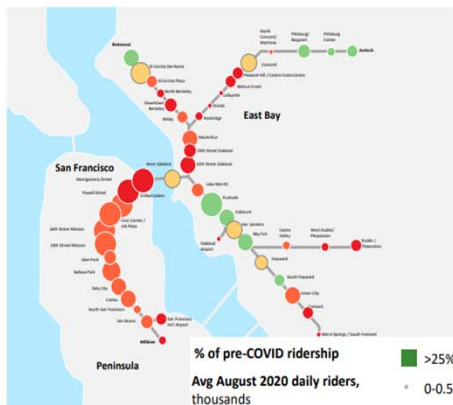
Sources: Bureau of Labor Statistics, Quarterly Census of Employment and Wages Q1, 2020; Graphic Source: Department of Homeland Security



Transit Ridership down more than 90%

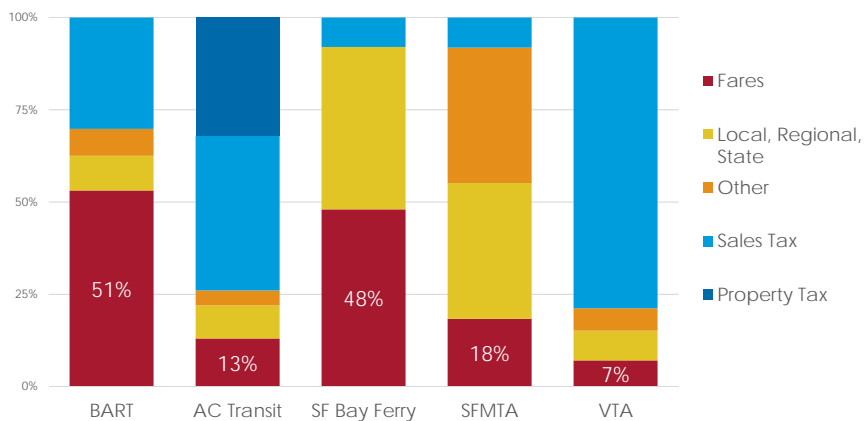


Recovery focused in low-income areas



Sources: BART

Loss of fare revenue hurting operators



Source: AC Transit

Recovery, Adaptation, and Relief

- CARES/CRRSAA
- Blue Ribbon Transit Recovery Task Force
- Bay Area Healthy Transit Plan
- Operators have quickly taken action



2020: Roadways and Congestion

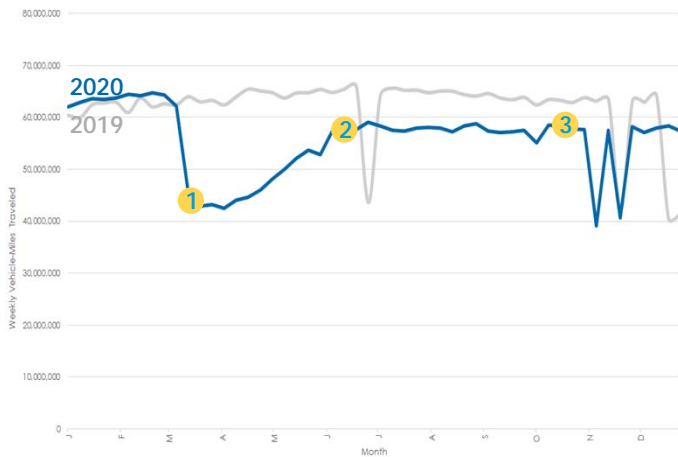
Modest decline in travel during peak commuter hours results in large drops in congestion

Average speed up on all roads

Higher speeds raise safety concerns



Total VMT down



- 1 **March** initial 30% drop in VMT
- 2 **July** VMT back to ~12% of 2019 VMT
- 3 **October** VMT back to ~8% of 2019 VMT before holiday



Sources: PeMS , Vehicle-miles Traveled, Alameda County, All-day, 2019-2020

Post-Pandemic Freeway Congestion (Fall 2020 Peak-periods)

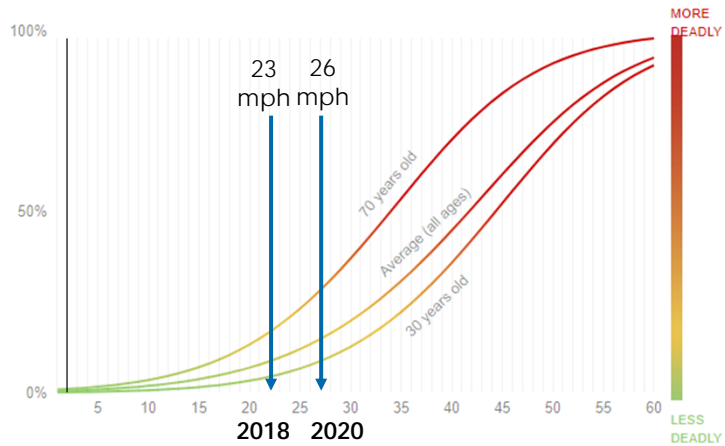


- Congested in 2018 and Uncongested in 2020
- Congested in 2020



Sources: Alameda CTC CMP Monitoring Report, 2018, 2020 AM/PM LOS-F

Higher Travel Speeds - concern for Safety



Sources: AAA Foundation for Traffic Safety, Impact Speed and a Pedestrian's Risk of Severe Injury or Death, September 2011, graph by ProPublica

State of the System

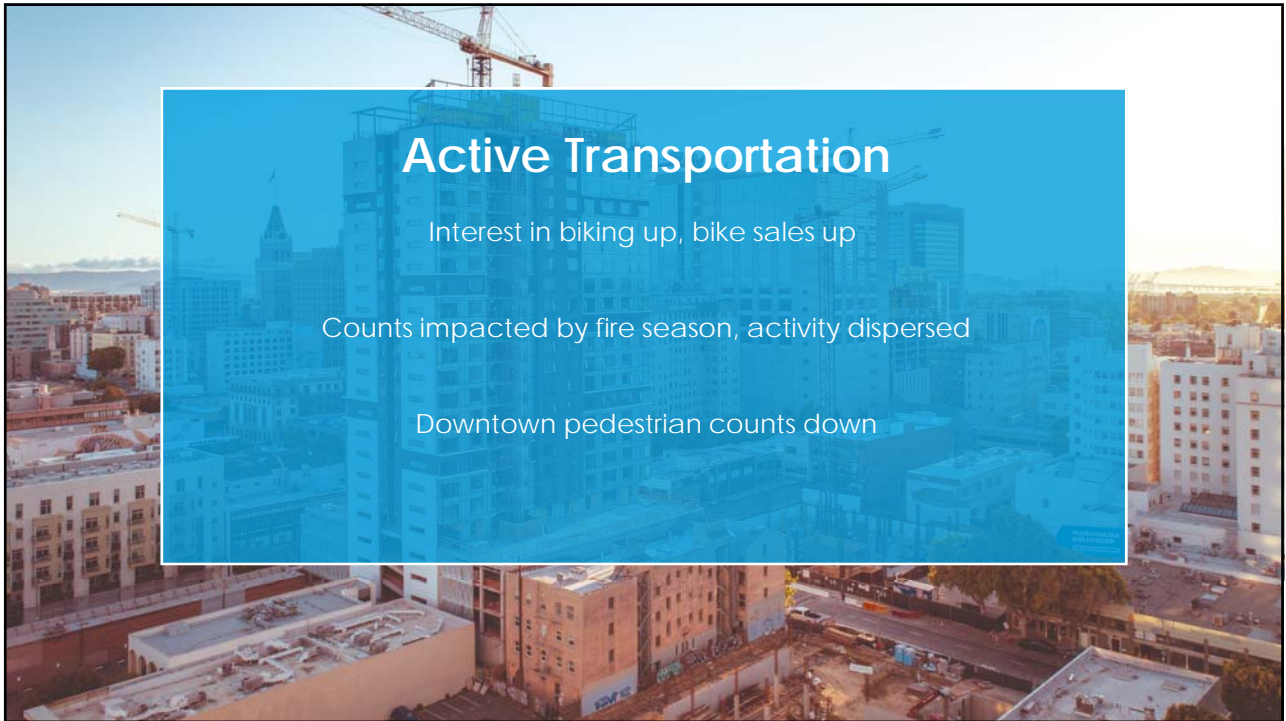
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Active Transportation

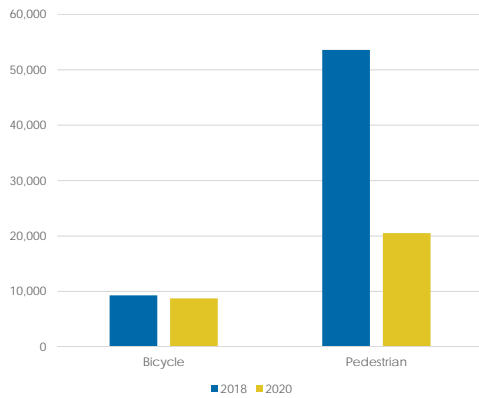
Interest in biking up, bike sales up

Counts impacted by fire season, activity dispersed

Downtown pedestrian counts down



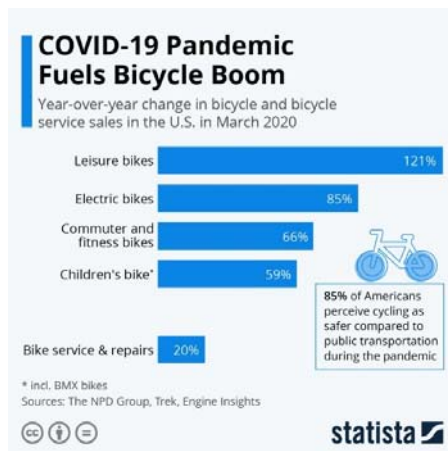
Bike and Ped Counts Down



- Fall Bike/Ped Counts at 150 Locations
- Bike Counts **down 6%**
 - PM commute (4-6) counts down 6%
 - Mid-day (12-2) counts up 5%
 - After School (2-4) counts down slightly (sample small)
- Pedestrian counts **down 62%**
 - PM commute (4-6) counts down 56%
 - Mid-day (12-2) counts down 62%
 - After School (2-4) counts down 79%

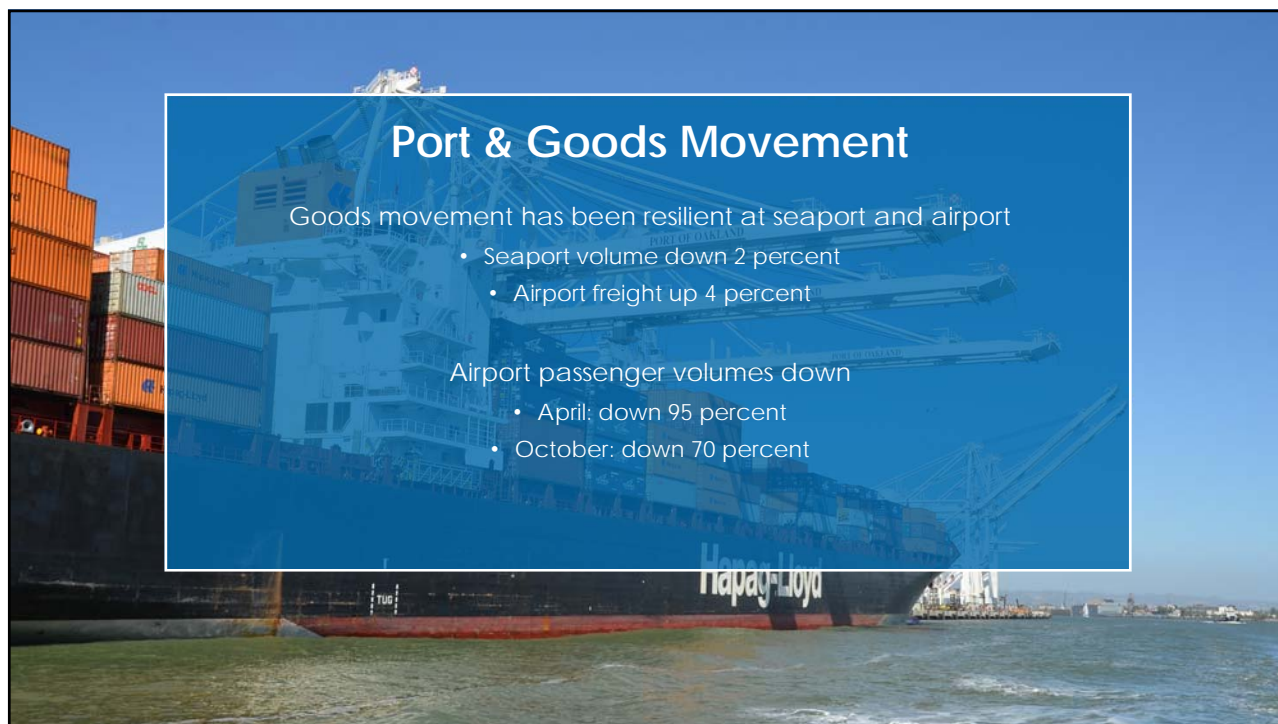


Mixed data on bike use



- Bike sales up significantly
- Historic wildfire season may have impacted counts
- Activity may be more diffuse





Plan:

- Modal Plans
- Countywide Transportation Plan
- High-injury Network
- Community Based Transportation Plans

Fund:

- CIP Call for Projects: Transit & Active Trans. Projects
- Rapid Response COVID-19 Bike/Ped Grant

Deliver:

- Advocate for legislative agenda
- Multimodal Corridor Projects
- East Bay Greenway
- Multimodal Interchange projects



Thank You!

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