



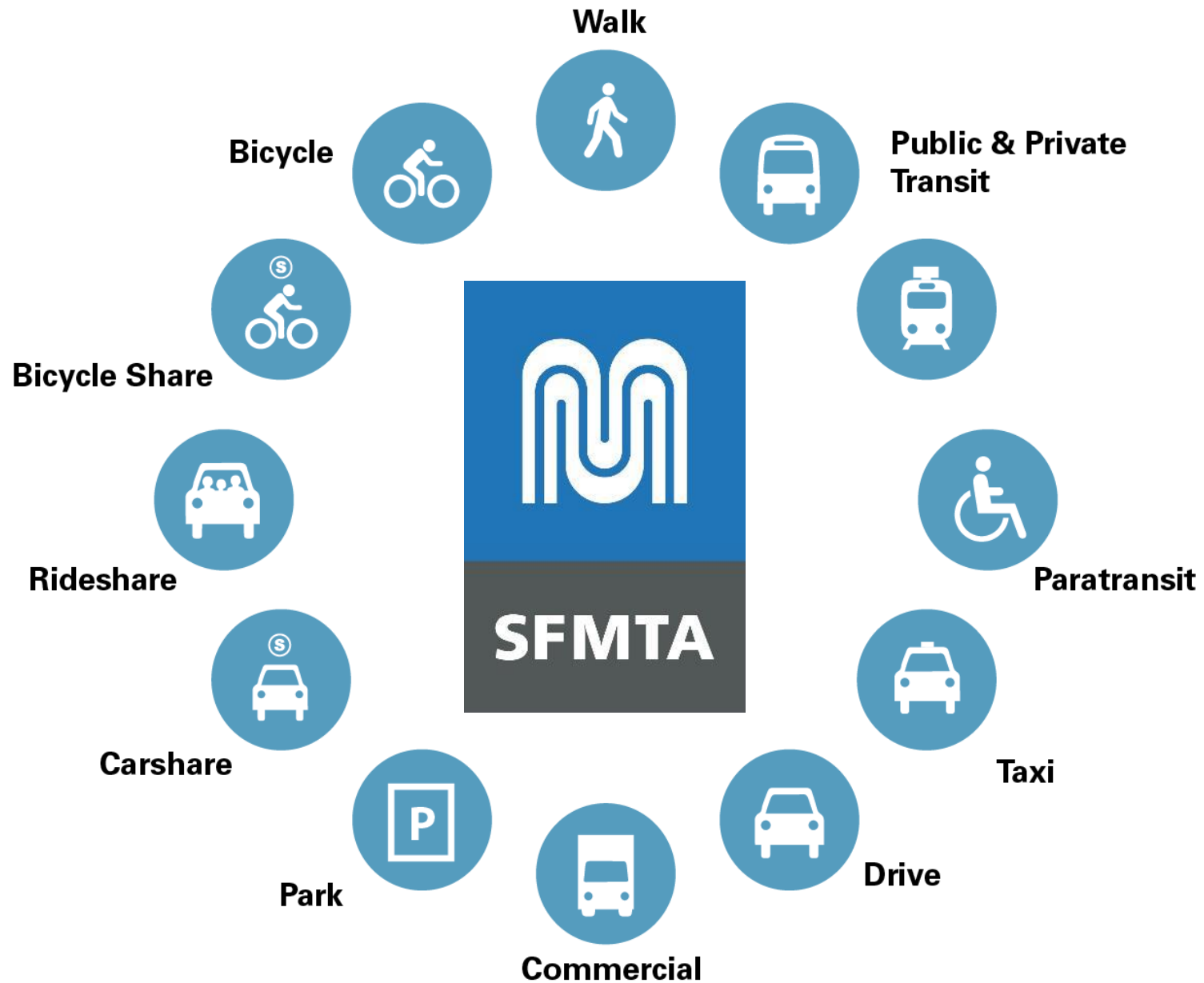
SFMTA



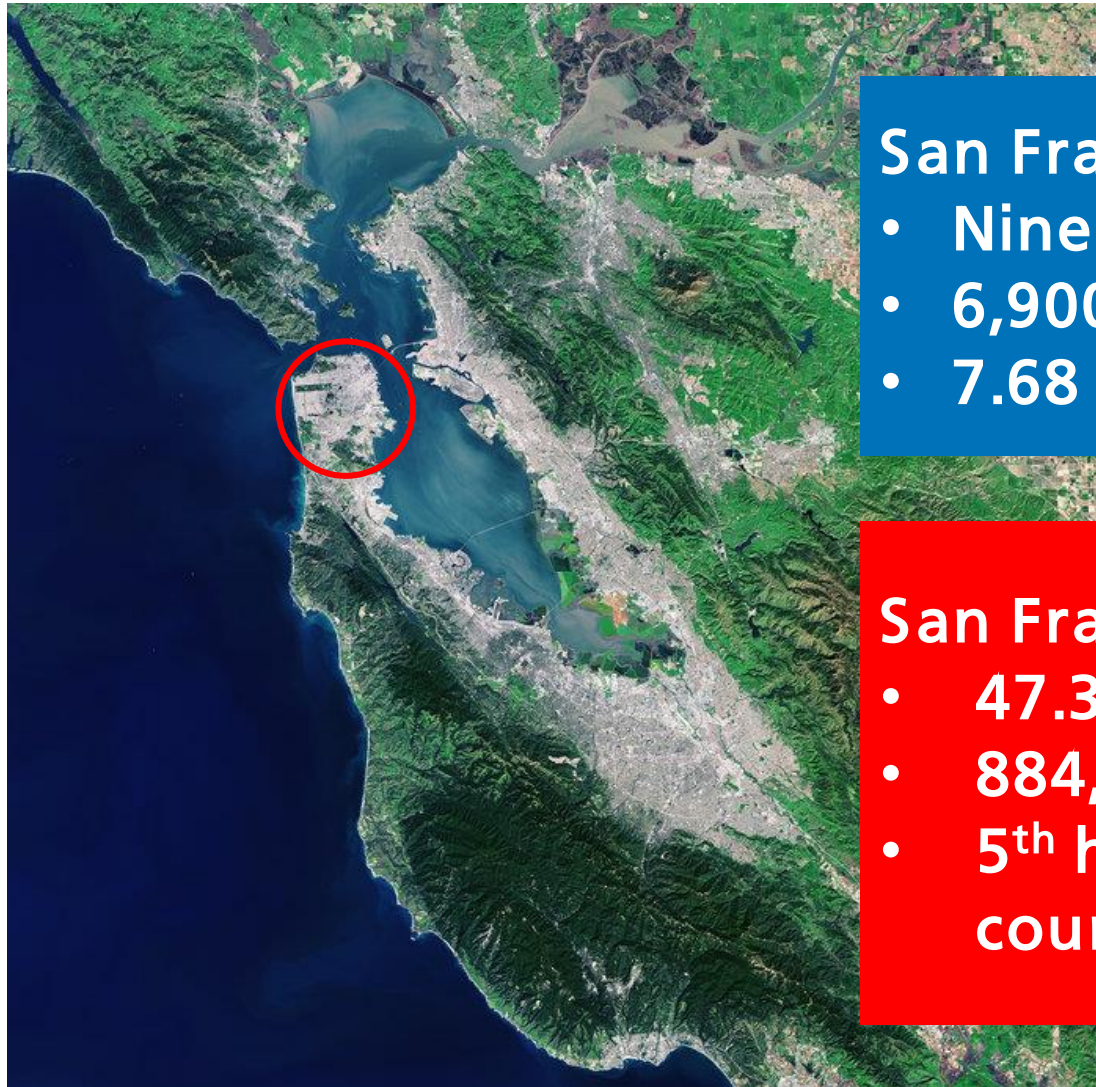
3 Revolutions Policy Initiative

UC Davis

Katie Angotti, Autonomous Vehicle Manager
San Francisco Municipal Transportation Agency
January 19, 2021



A Little Perspective



San Francisco Bay Area:

- Nine counties
- 6,900 square miles
- 7.68 million residents

San Francisco:

- 47.33 sq. miles
- 884,363 residents
- 5th highest density county in US

Network Efficiency: Using Street Space Wisely



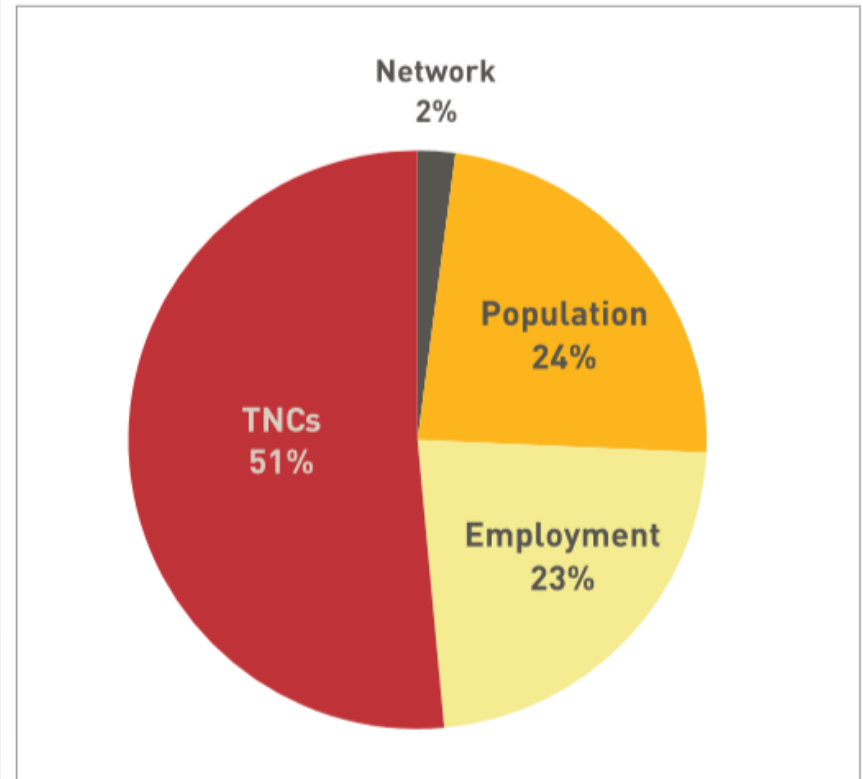
Lessons Learned from TNCs in SF

TNCs Congestion: Change in Vehicle Hours of Delay by Factor between 2010 - 2016

FIGURE 4. % CHANGE IN VEHICLE HOURS OF DELAY

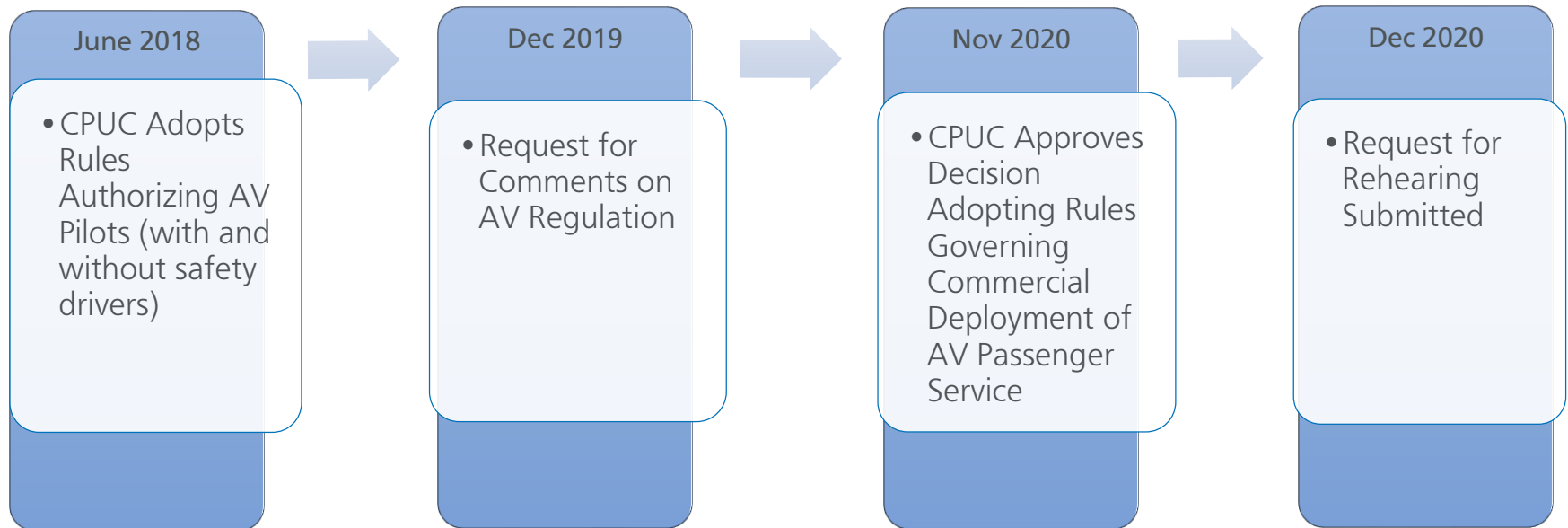


FIGURE 13. SHARE OF CHANGE IN DELAY BY FACTOR



Vehicle hours of delay in San Francisco's downtown area increased more than 120%.

CPUC Rulemaking Timeline: Regulation of AV Passenger Service



Key Features of CPUC Decision: Goals

- Authorizes deployment permittees to provide shared rides and to charge fares for service
- Sets high level goals for performance of AV Passenger Services:
 - Protect Passenger Safety
 - Expand benefits of AV technologies to all Californians, including people with disabilities
 - Improve transportation options for all, particularly for disadvantaged communities and low-income communities
 - Reduce greenhouse gas emissions, criteria air pollutants, and toxic air contaminants, particularly in disadvantaged communities

Key Features of CPUC Decision: Public Accountability

- Requires permit applicants to submit a Passenger Safety Plan to address personal safety risks from shared driverless rides
- Requires permit applications to be approved by the Commission in public process
- Requires permittees to submit quarterly service data that the Commission may use to evaluate progress toward the goals and develop further regulations

Application for Rehearing: CEQA

What is the purpose of CEQA?

- Inform public and officials about potential environmental impacts of a public decision
- Identify ways to avoid or reduce those impacts
- Disclose reasons for adopting actions despite impacts