



Statement of Needs:

Challenges to Making the ConnectSF Vision a Reality

About ConnectSF: Partnership and Collaboration

ConnectSF is a multi-agency process to build an effective, equitable, and sustainable transportation system for San Francisco's future



**San Francisco
County Transportation
Authority**

About ConnectSF: Goals



Equity



**Environmental
Sustainability**



**Economic
Vitality**



**Safety &
Livability**



**Accountability
and Engagement**

About ConnectSF: Overall Process





ConnectSF Vision



Key Question for Statement of Needs

**What challenges do we need to address
to get to our vision for the future?**

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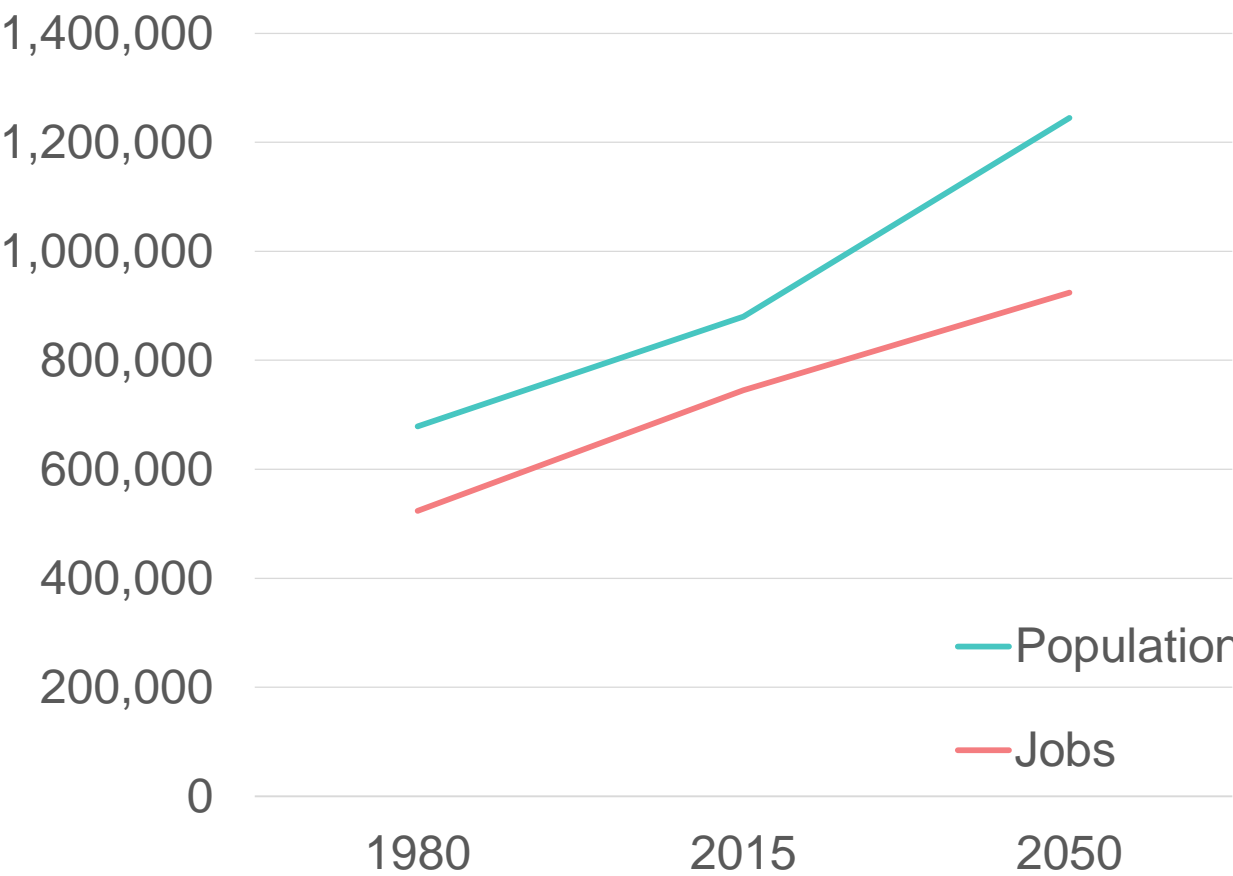
We Will Continue to Grow

San Francisco			
	2015	2050	% Change
Population	880,000	1,245,000	29%
Jobs	745,000	924,000	24%

Bay Area			
	2015	2050	% Change
Population	7,330,000	10,350,000	41%
Jobs	3,798,000	5,059,000	33%

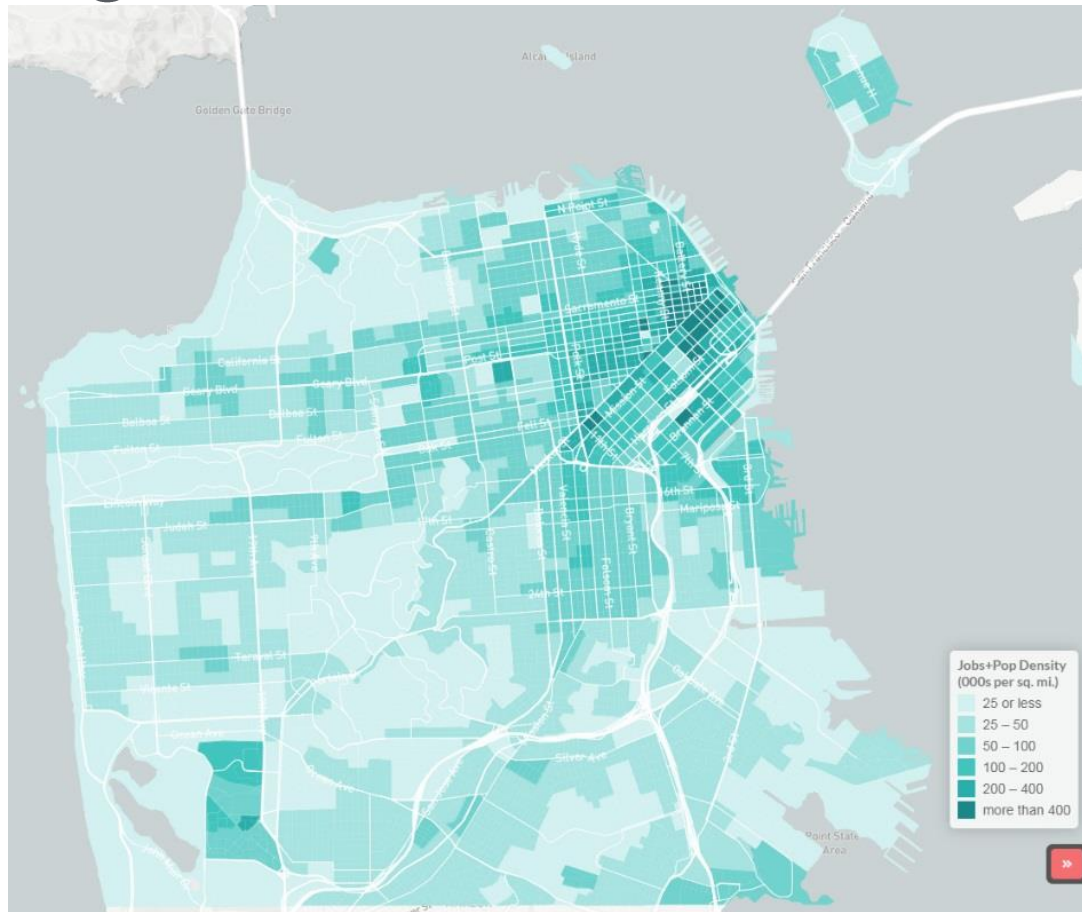
We Will Continue to Grow

SF Population and Employment 1980-2050



Where Are We Growing?

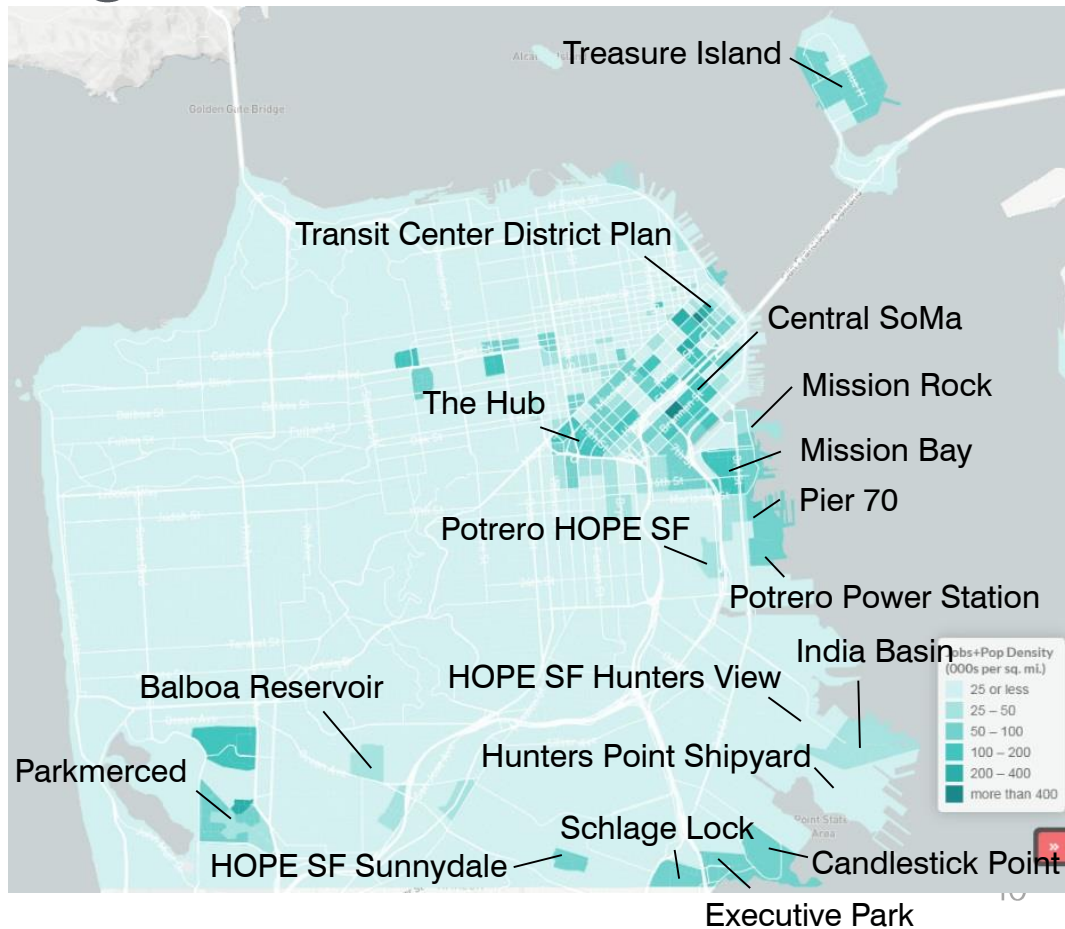
2050 SF Population and Employment Density



Where Are We Growing?

2015-2050 Change in SF Population and Employment Density

Based on adopted plans,
policies, and entitlements



Transportation Network in Model

What is included in 2015 network:

- 2015 local and regional transit network
- 2015 bike network
- 2015 roads, freeways, tolls, parking costs
- TNCs (e.g., Uber, Lyft)

What else is included in 2050 network:

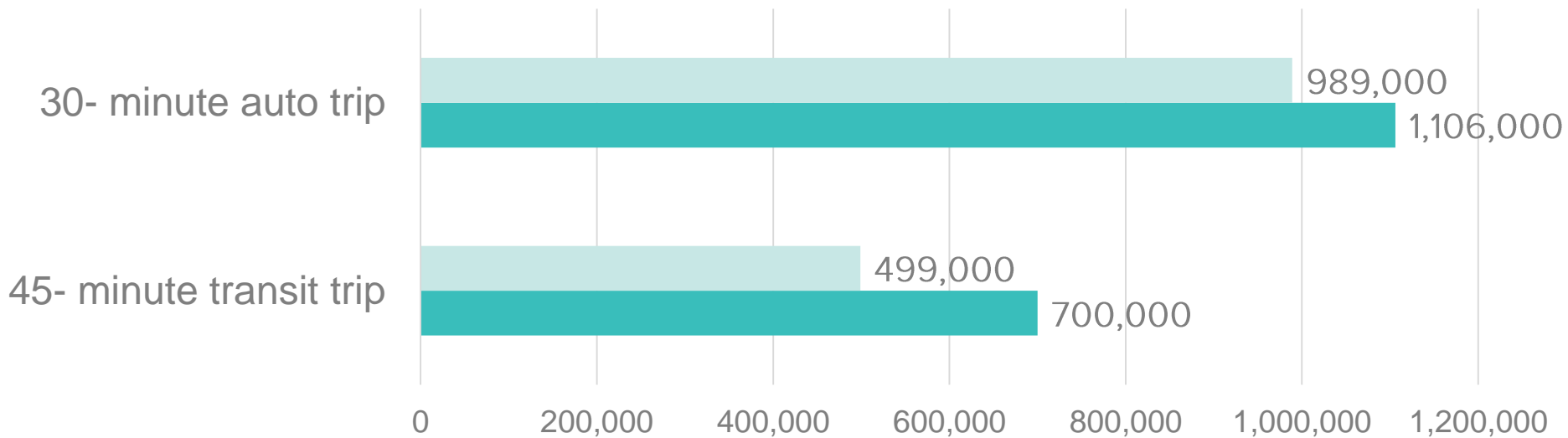
- Planned local and regional transit projects (e.g. bus rapid transit [BRT], BART Core Capacity)
- Planned bike network projects

What is not included in 2050 network:

- Congestion pricing
- Second transbay BART crossing

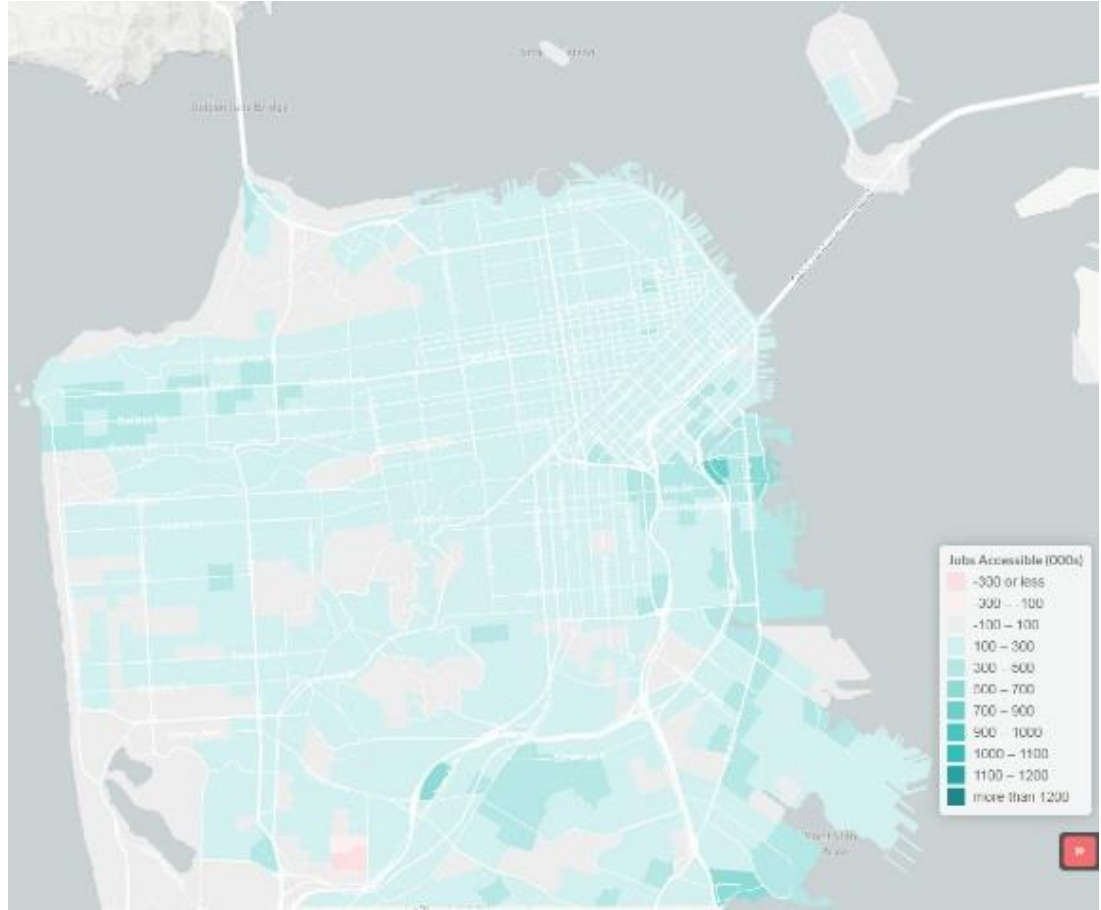
More Jobs are Accessible

Number of Jobs Accessible by Mode



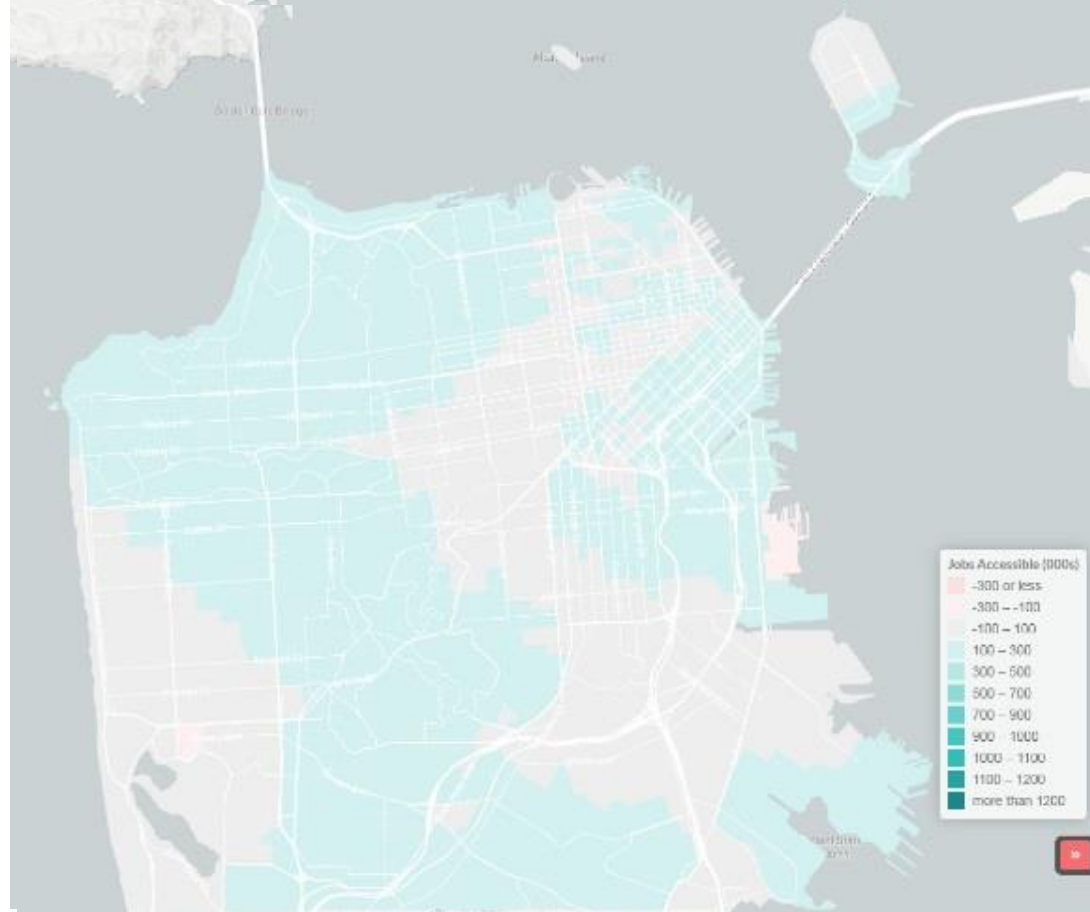
More Jobs are Accessible

**2050 Jobs
Accessible by Transit
in 45 Minutes**



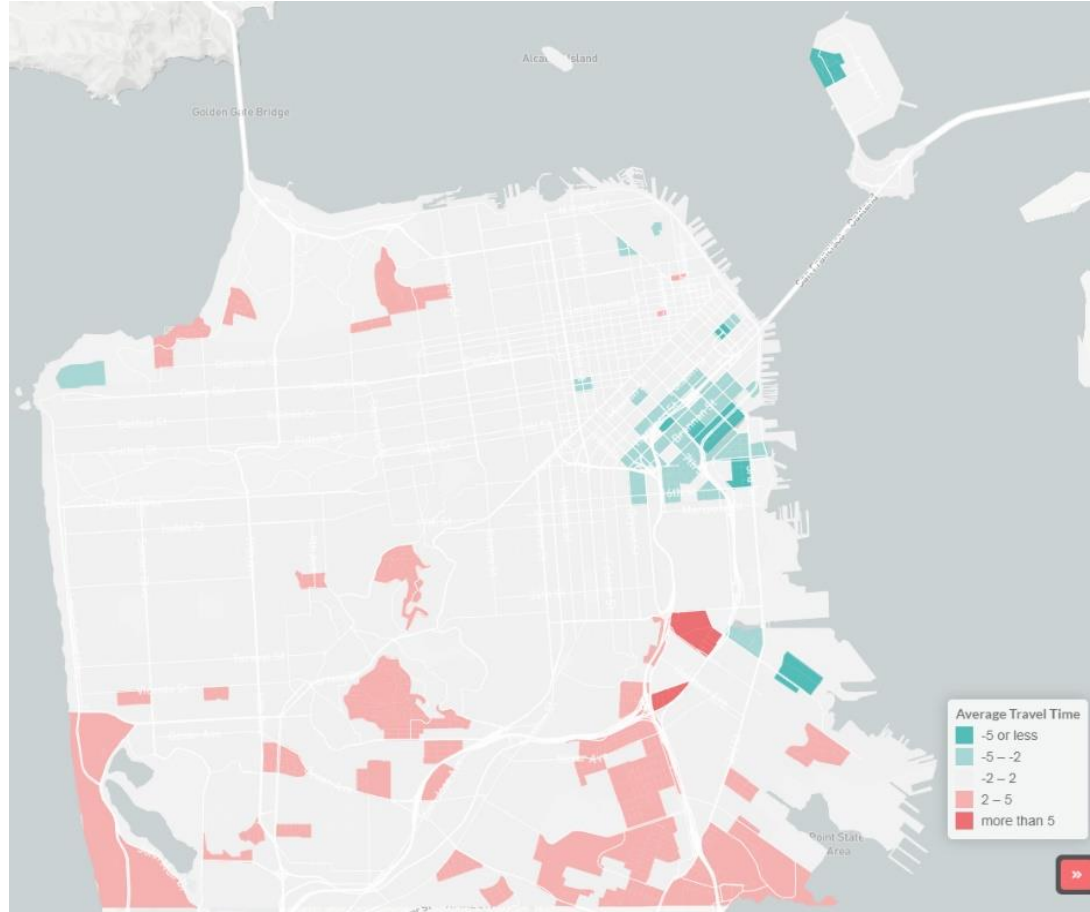
More Jobs are Accessible

**2050 Jobs
Accessible by Auto
in 30 Minutes**



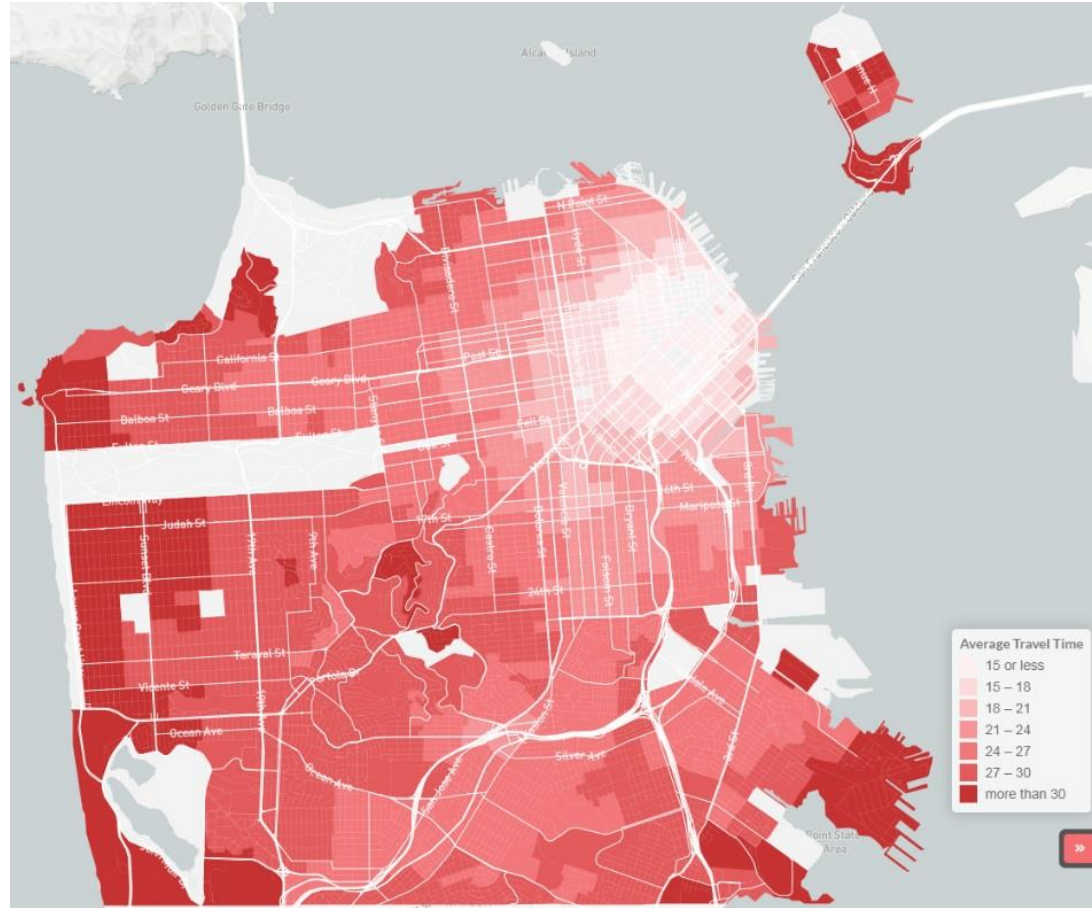
Commute Times Stay the Same

2015-2050 Change
in Average Commute
Time (minutes)



Commute Times Stay the Same

2050 Average
Commute Time
(minutes)



Transportation Outcomes are Unequal

CoCs are Communities of Concern

Commute Times (minutes)

	2015	2050	% Change
CoC	21.7	23.0	6%
Non-CoC	25.1	25.0	0%

Share of Population with Access to High-Quality Transit

	2015	2050	% Change
CoC	94.1%	90.5%	-3.9%
Non-CoC	85.3%	88.6%	+3.9%

Transportation Outcomes are Unequal

CoCs are Communities of Concern

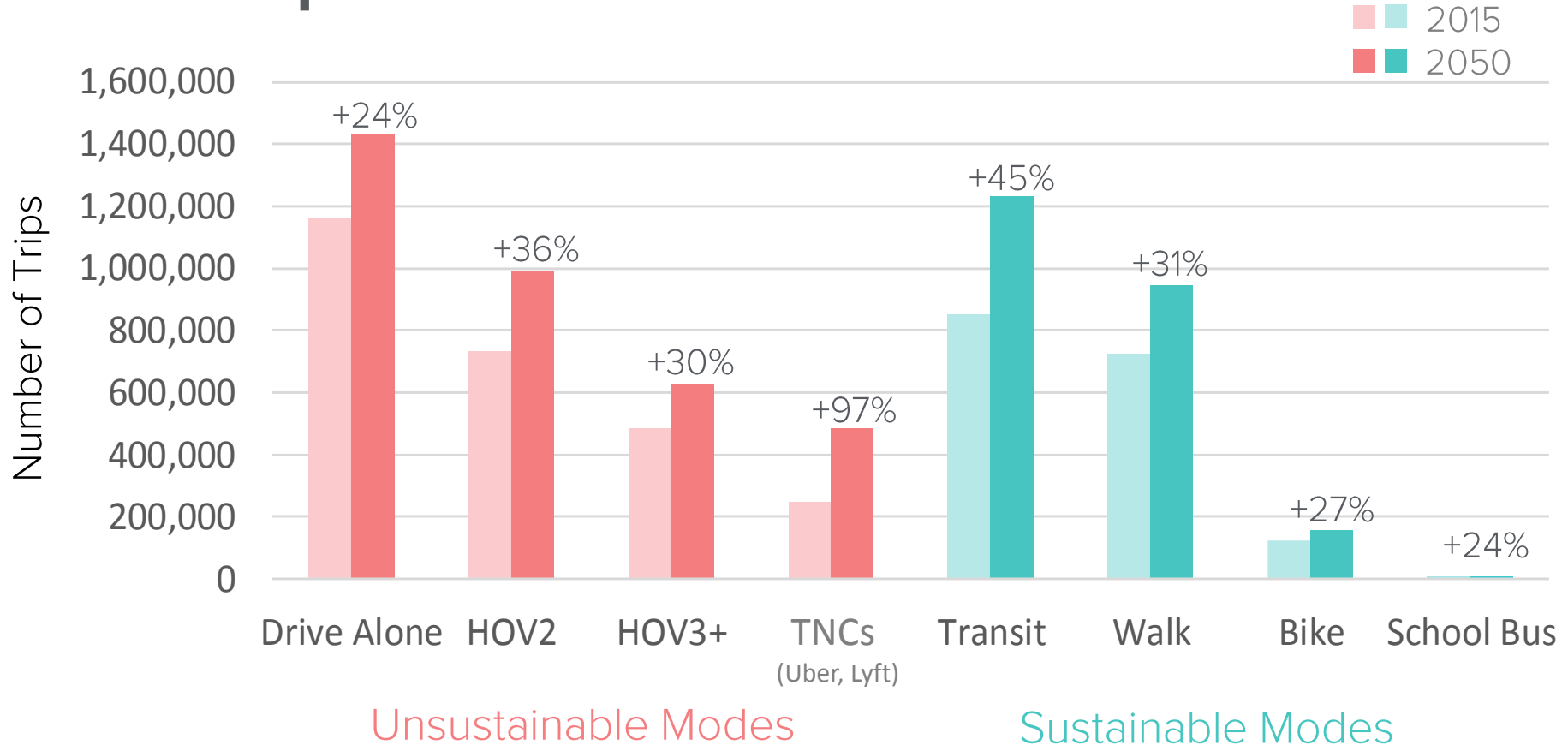
Number of Jobs Accessible by 45-minute Trip on Transit

	2015	2050	% Change
CoC	512,800	674,000	31%
Non-CoC	492,300	712,000	45%

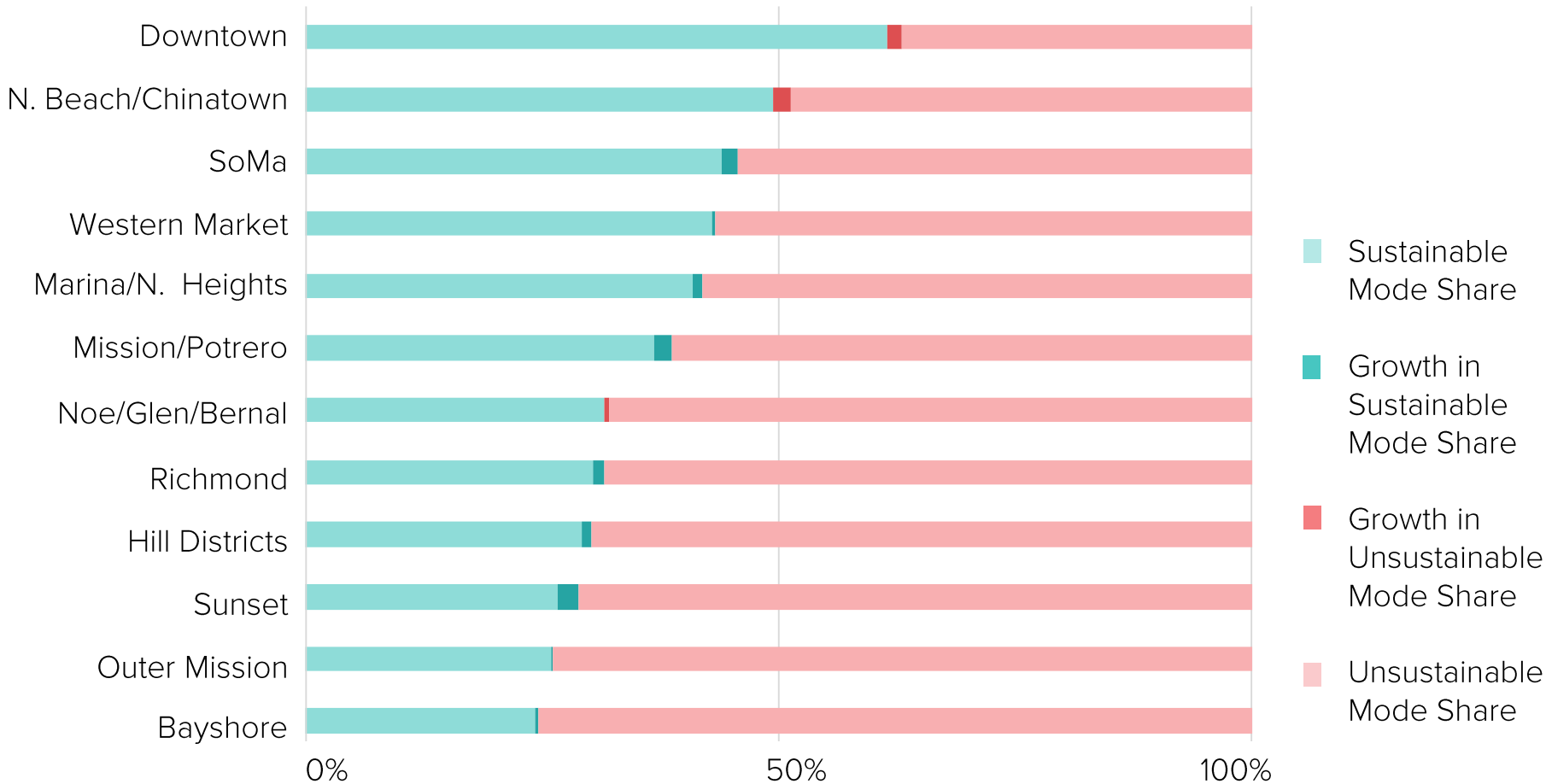
Number of Jobs Accessible by 30-minute Trip by Car

	2015	2050	% Change
CoC	996,700	1,072,600	8%
Non-CoC	985,800	1,122,300	14%

More Trips on All Modes of Travel



Unsustainable Mode Share Remains High Outside Downtown



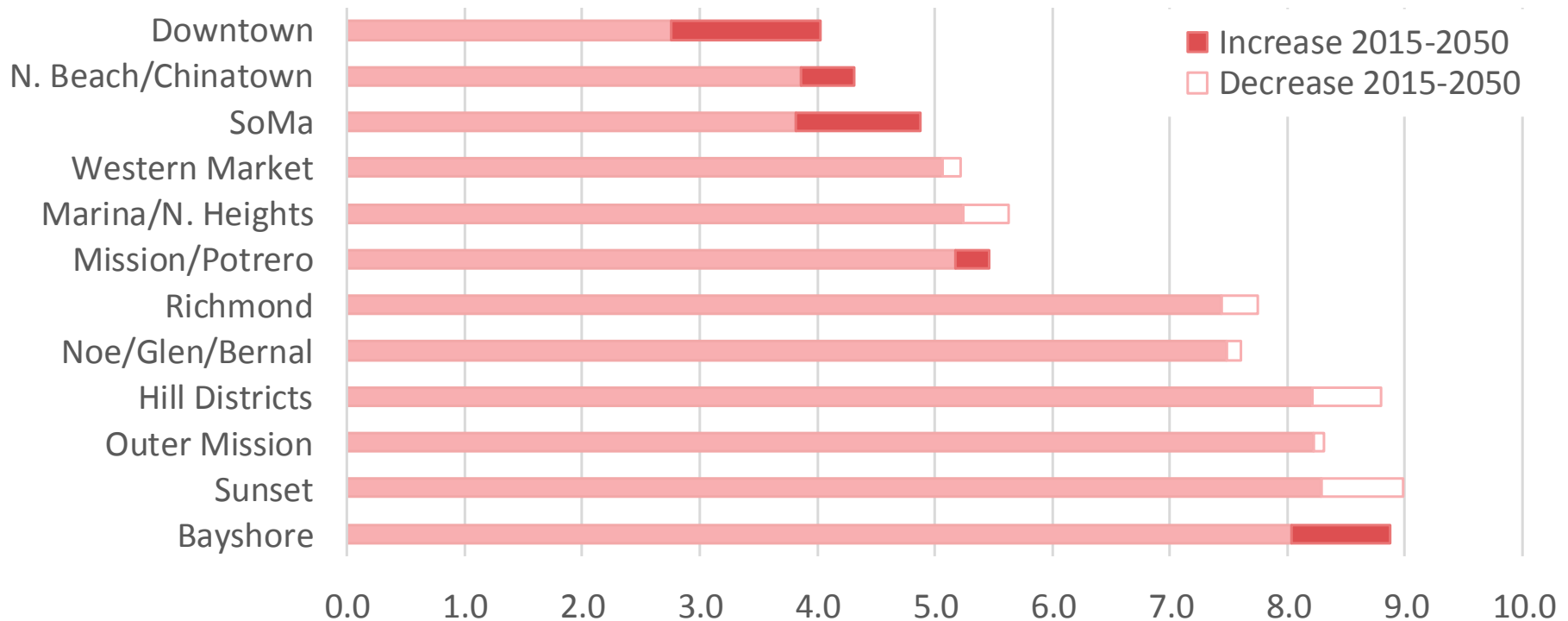
Personal Miles Driven Increase

Change in Personal Miles Driven per Capita 2015-2050

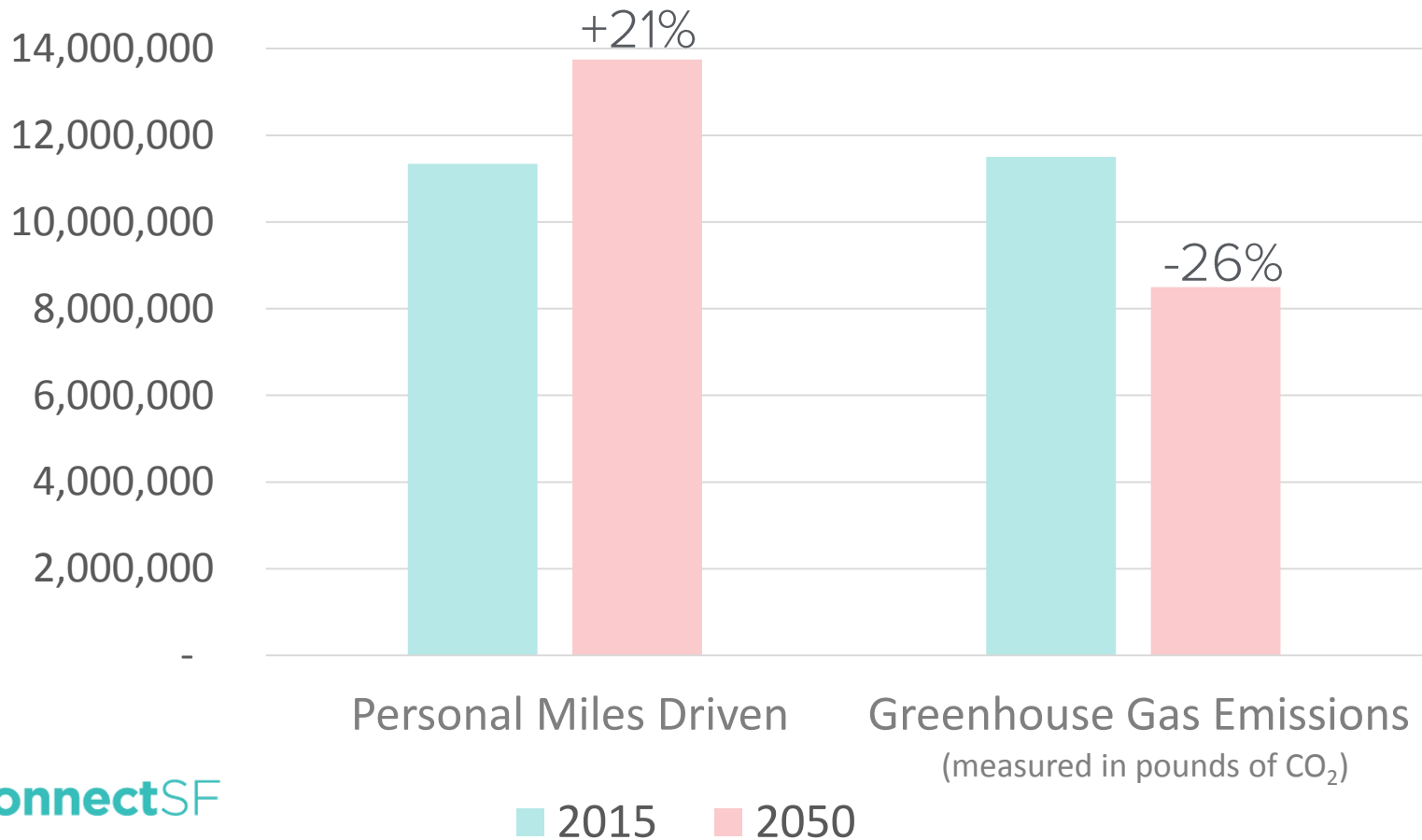
	2015	2050	% Change
San Francisco	6.5	6.6	1%
Bay Area	16.4	14.9	-9%

Personal Miles Driven Increase

Change in Personal Miles Driven per Capita by District (2015-2050)

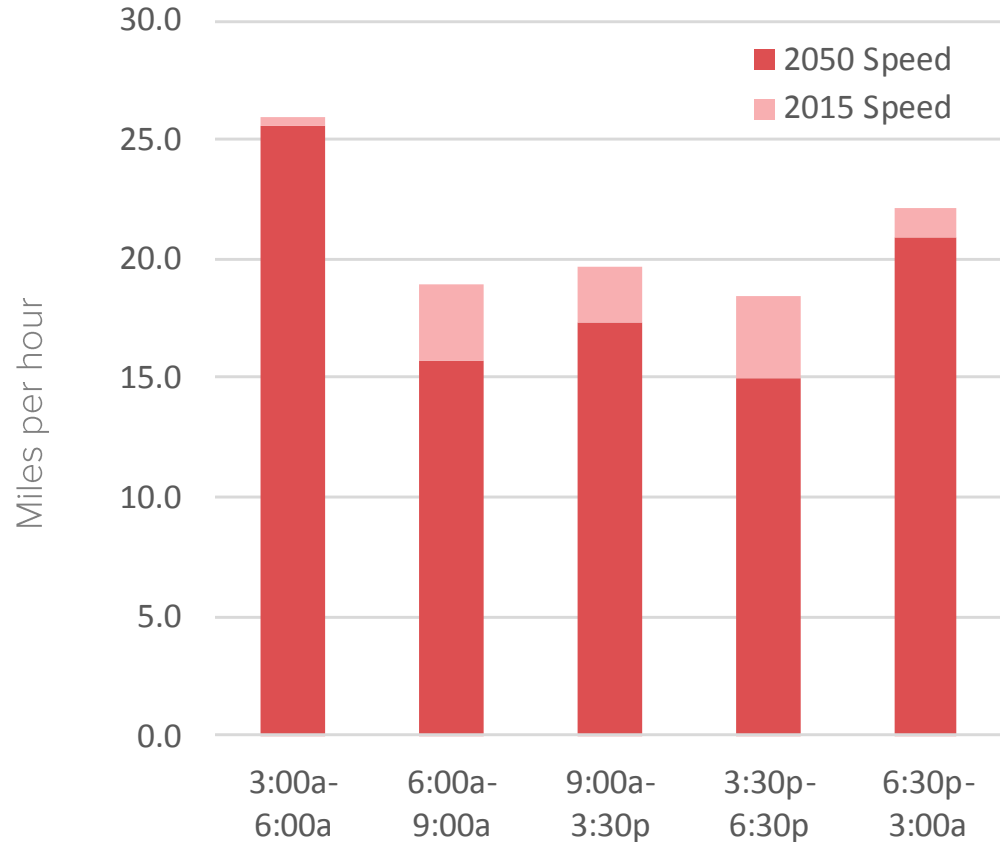


Driving and Emissions



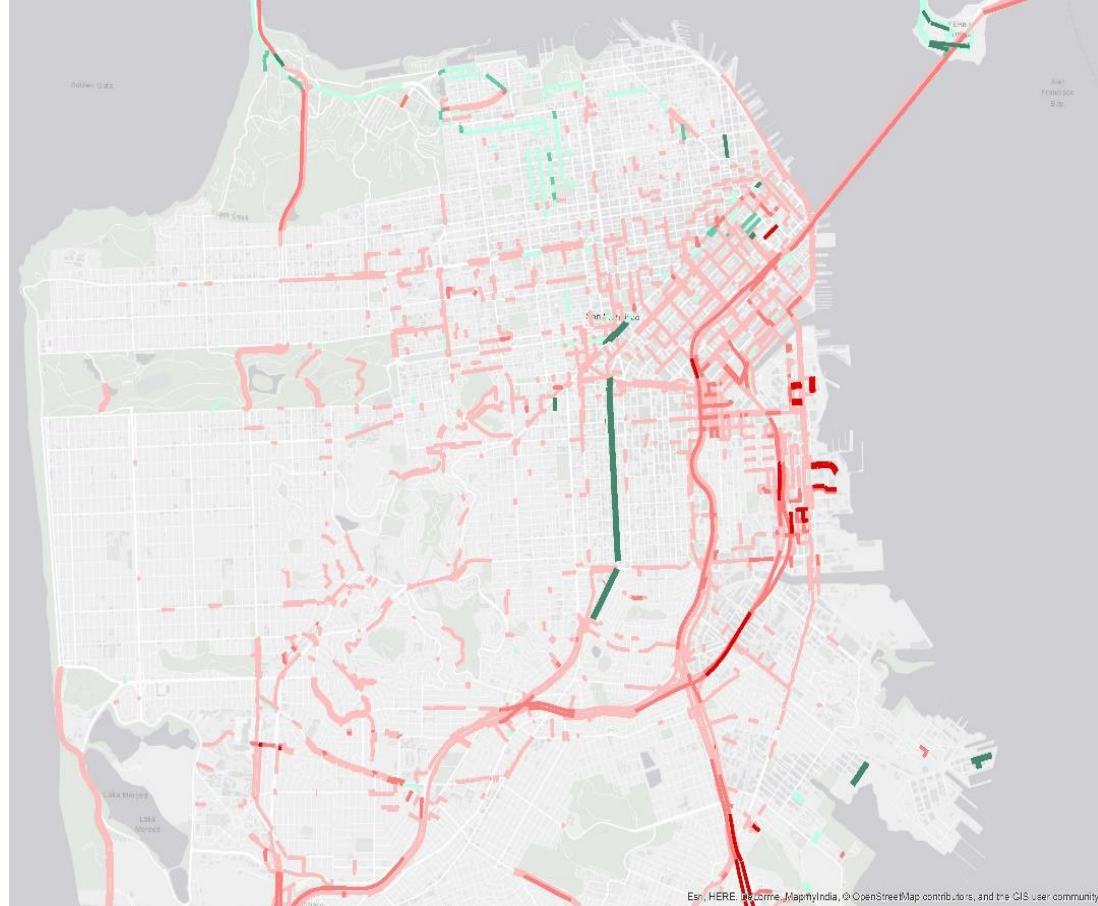
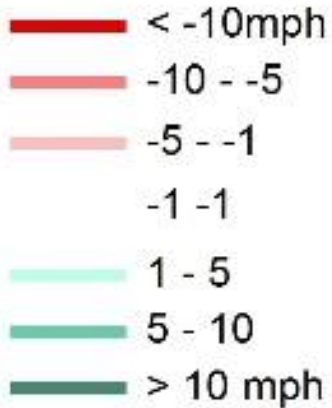
Auto Speeds Decline; Congestion Gets Worse

Change in Speeds by Time of Day



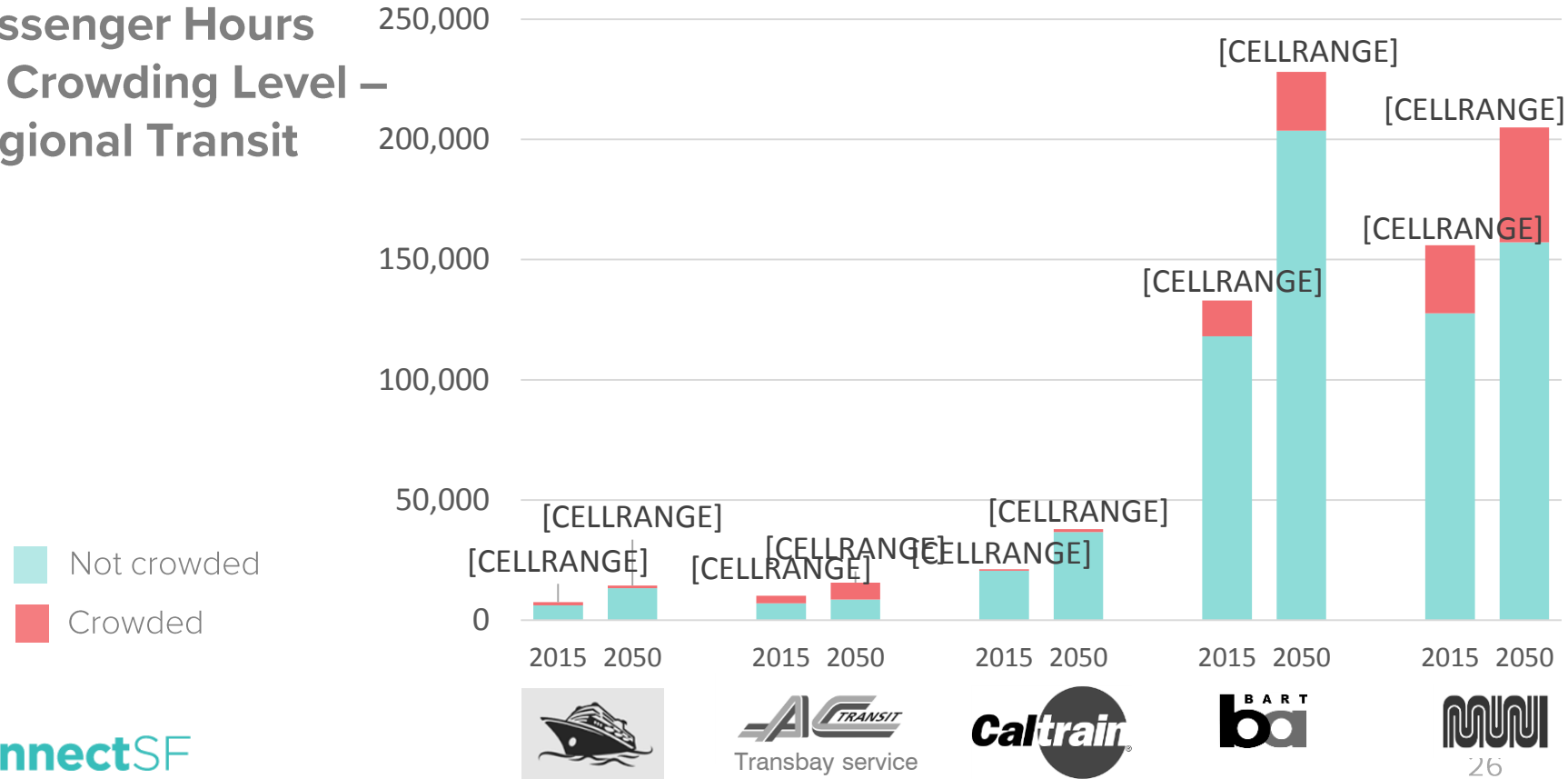
Auto Speeds Decline; Congestion Gets Worse

Change in AM Speeds by Road Segment



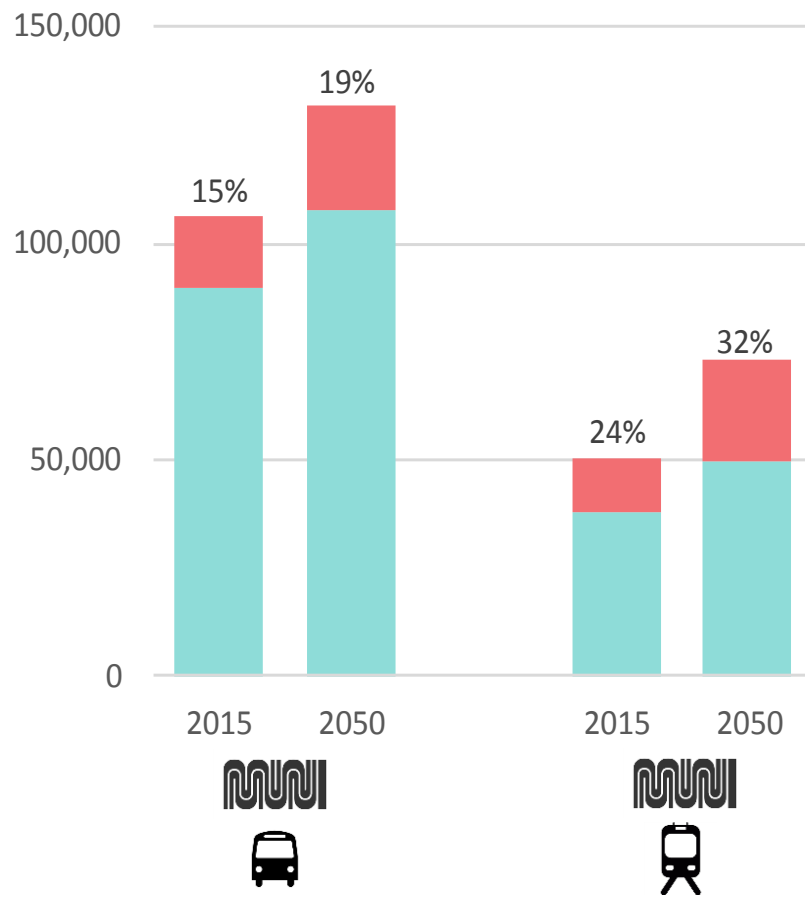
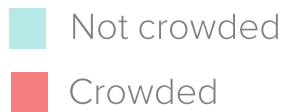
Transit is More Crowded

Passenger Hours
by Crowding Level –
Regional Transit



Transit is More Crowded

Passenger Hours by Crowding Level – Muni



Transit is More Crowded

2050 AM Muni Bus Passenger Crowding Level



2050 AM Muni Rail Passenger Crowding Level



2050 AM Regional Transit Passenger Crowding Level



Key Findings

Where We Are Making Progress



ECONOMIC
VITALITY

Planned growth increases housing choice, jobs

SF residents have increased transportation access to jobs

No Change

Commute times stay the same

Key Findings

Major Challenges to Address



EQUITY



ECONOMIC
VITALITY



ENVIRONMENTAL
SUSTAINABILITY

Inequitable outcomes in CoCs

- Commute times worsen
- Access to high-quality transit drops
- Access to jobs by both auto and transit lags behind non-CoCs

Sustainable modes lose ground

- Falling short of the commute mode share goal (80%) by 38%
- Total miles driven increases (Climate Action Plan Goal is to decrease)

Increased congestion and transit crowding

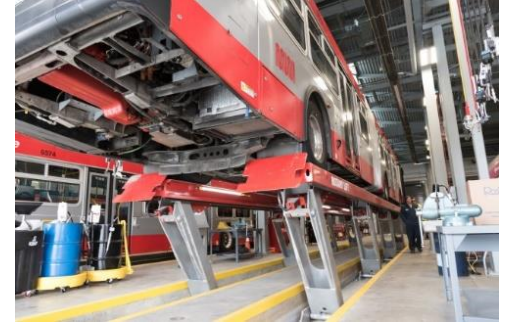
What Else is in the Statement of Needs?



Accountability and
Engagement



Safety and Livability



State of Good Repair



Sea-Level Rise



Travel Patterns

ConnectSF: Overall Process

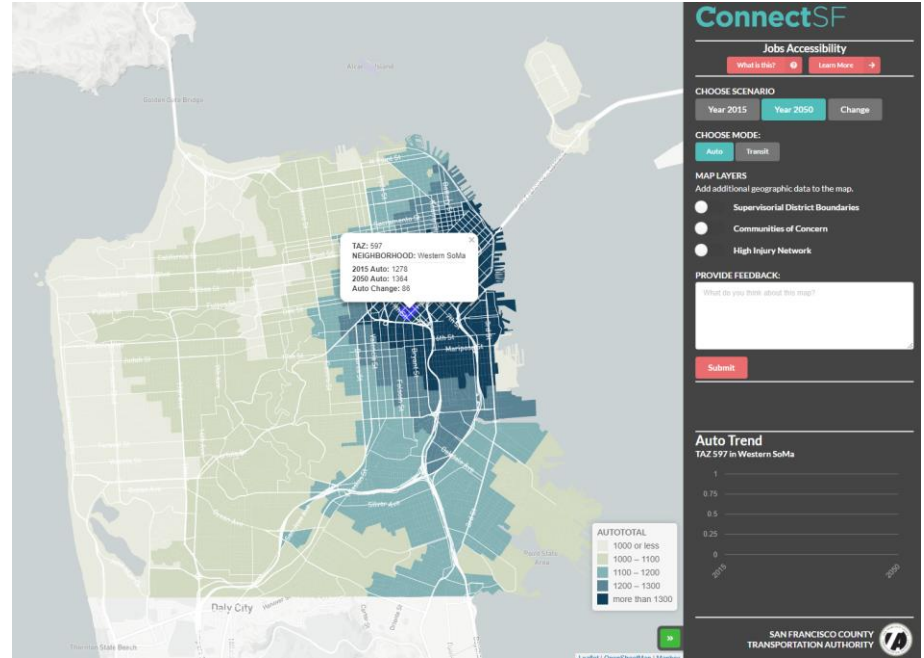


Opportunities for Engagement

1. Explore and provide feedback on interactive maps available at:

www.connectSF.org/about/transportation-needs

2. In-person outreach in summer/fall 2019



Regional Coordination

Plan Bay Area 2050 is the region's long-range transportation planning effort led by the Metropolitan Transportation Commission (MTC).



The Transportation Authority is leading San Francisco's regionally significant project submissions. ConnectSF's summer/fall outreach will coordinate with the Transportation Authority's outreach for the project submissions to MTC.





ConnectSF

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Other Slides

ConnectSF



Neighborhood Districts Used in Transportation Modeling

