

## Meeting Agenda

### Regional Advisory Working Group

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Tuesday, February 5, 2019

9:30 AM

Yerba Buena - 1st Floor

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This meeting is scheduled to be webcast live on the Metropolitan Transportation Commission's Website: <http://mtc.ca.gov/whats-happening/meetings>

This meeting can also be accessed via WebEx:

Launch Link: <https://bamc.webex.com/bamc/j.php?MTID=mcefb953cfa3c4abaae09992bde32f2f>

Dial-in Number: 1-415-655-0002

Access Code: 921 755 096

9:30 a.m.

1. [19-0010](#) Welcome, Introductions

**Presenter:** Ken Kirkey

9:35 a.m.

2. [19-0011](#) Horizon: Futures Round 1 Analysis - Preview of Opportunities and Challenges

Preview preliminary findings related to economic development and resilience from Horizon's three Futures: Clean and Green; Rising Tides, Falling Fortunes; and Back to the Future. A full report detailed opportunities and challenges that includes findings on land use and transportation will be released in March.

**Action:** Information

**Presenter:** Michael Germeraad, MTC / ABAG

**Attachments:** [2\\_PreviewOfFutures.pdf](#)

**10:05 a.m.**

**3.     [19-0012](#)     2019 Roadmap: From Horizon to Plan Bay Area 2050**

Overview of how the various Horizon deliverables from 2018 and 2019 will inform the Preferred Plan Bay Area 2050, in addition to highlighting preparatory activities for Plan Bay Area 2050 (e.g., Call for Projects).

**Action:**             Information

**Presenter:**       Dave Vautin and Adam Noelting, MTC / ABAG

**Attachments:**     [3 From Horizon to PBA 2050.pdf](#)

**10:50 a.m.**

**4.     [19-0013](#)     Vital Signs: Equity Update**

Summary of the latest updates from Vital Signs, MTC / ABAG's comprehensive performance monitoring initiative. Preview of key findings from recent data updates to equity indicators.

**Action:**             Information

**Presenter:**       Raleigh McCoy, MTC / ABAG

**Attachments:**     [4 Vital Signs Equity Update.pdf](#)

**11:10 a.m.**

**5. Next Steps / Other Business / Public Comments**

**11:30 a.m.**

**6. Adjournment / Next Meeting**

The next meeting of the Regional Advisory Working Group will be held Tuesday, April 2, 2019 at 9:30 a.m. at the Bay Area Metro Center, 375 Beale Street, San Francisco, CA. Additionally, there are three Public Workshop scheduled the third week of March. For more information, please visit <https://mtc.ca.gov/whats-happening/meetings>

**Public Comment:** The public is encouraged to comment on agenda items at Committee meetings by completing a request-to-speak card (available from staff) and passing it to the Committee secretary. Public comment may be limited by any of the procedures set forth in Section 3.09 of MTC's Procedures Manual (Resolution No. 1058, Revised) if, in the chair's judgment, it is necessary to maintain the orderly flow of business.

**Meeting Conduct:** If this meeting is willfully interrupted or disrupted by one or more persons rendering orderly conduct of the meeting unfeasible, the Chair may order the removal of individuals who are willfully disrupting the meeting. Such individuals may be arrested. If order cannot be restored by such removal, the members of the Committee may direct that the meeting room be cleared (except for representatives of the press or other news media not participating in the disturbance), and the session may continue.

**Record of Meeting:** Committee meetings are recorded. Copies of recordings are available at a nominal charge, or recordings may be listened to at MTC offices by appointment. Audiocasts are maintained on MTC's Web site ([mtc.ca.gov](http://mtc.ca.gov)) for public review for at least one year.

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**可及性和法令第六章:** MTC 根據要求向希望來委員會討論有關事宜的殘疾人士及英語有限者提供服務/方便。需要便利設施或翻譯協助者，請致電 415.778.6757 或 415.778.6769 TDD / TTY。我們要求您在三個工作日前告知，以滿足您的要求。

**Acceso y el Titulo VI:** La MTC puede proveer asistencia/facilitar la comunicación a las personas discapacitadas y los individuos con conocimiento limitado del inglés quienes quieran dirigirse a la Comisión. Para solicitar asistencia, por favor llame al número 415.778.6757 o al 415.778.6769 para TDD/TTY. Requerimos que solicite asistencia con tres días hábiles de anticipación para poderle proveer asistencia.

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Attachments are sent to Committee members, key staff and others as appropriate. Copies will be available at the meeting.

All items on the agenda are subject to action and/or change by the Committee. Actions recommended by staff are subject to change by the Committee.

# Metropolitan Transportation Commission

375 Beale Street, Suite 800  
San Francisco, CA 94105

## Legislation Details (With Text)

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**File #:** 19-0010      **Version:** 2      **Name:**

**Type:** Report      **Status:** Informational

**File created:** 1/2/2019      **In control:** Regional Advisory Working Group

**On agenda:** 2/5/2019      **Final action:**

**Title:** Welcome, Introductions

**Sponsors:**

**Indexes:**

**Code sections:**

**Attachments:**

Date	Ver.	Action By	Action	Result
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**Subject:**  
Welcome, Introductions

**Presenter:**  
Ken Kirkey



# Metropolitan Transportation Commission

## Legislation Details (With Text)

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**File #:** 19-0011      **Version:** 1      **Name:**  
**Type:** Report      **Status:** Informational  
**File created:** 1/2/2019      **In control:** Regional Advisory Working Group  
**On agenda:** 2/5/2019      **Final action:**  
**Title:** Horizon: Futures Round 1 Analysis - Preview of Opportunities and Challenges

Preview preliminary findings related to economic development and resilience from Horizon's three Futures: Clean and Green; Rising Tides, Falling Fortunes; and Back to the Future. A full report detailed opportunities and challenges that includes findings on land use and transportation will be released in March.

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Horizon: Futures Round 1 Analysis - Preview of Opportunities and Challenges

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**Presenter:**

Michael Germeraad, MTC / ABAG

**Recommended Action:**

Information

**Attachments:**



## MEMORANDUM

Agenda Item 2

TO: Regional Advisory Working Group

DATE: February 5, 2019

FR: Michael Germeraad, MTC / ABAG

RE: Horizon: Futures Round 1 Analysis - Preview of Opportunities and Challenges

### Summary

In March 2019, staff will release a report detailing the opportunities and challenges posed by each of the three futures being analyzed in **Horizon**. Analysis to date has focused on exploring how external forces beyond the Bay Area's control might affect the Bay Area - assuming current policies are continued over the coming decades. Over the past six months, MTC/ABAG staff have taken the futures developed in 2018 and analyzed them through economic, land use, and travel models to learn about the conditions the region might face in three divergent futures. At the February RAWG meeting, staff will walk in a presentation highlighting draft findings related to economic development and resilience findings from the modeling to date. The final report and a complete discussion of findings, integrating land use and transportation topics, will be released and presented in March.

### Futures Report - Coming in March

The report will highlight key modeling outputs describing impacts for the Bay Area in relation to the five Guiding Principles of **Horizon**: affordable, connected, diverse, healthy and vibrant. In addition to sharing summaries and visualizations of the model outputs, staff will present key opportunities and challenges in each future: Clean and Green; Rising Tides, Falling Fortunes; and Back to the Future. The findings from this report will be used to guide MTC/ABAG and stakeholders in prioritizing policies and strategies to study in the second and final round of futures analysis.

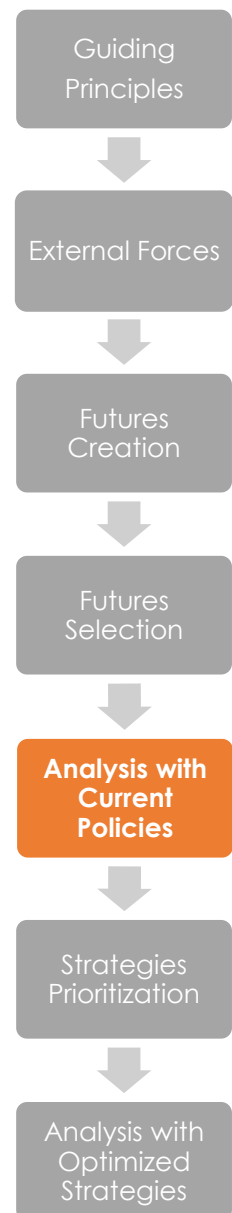
### A Preview of Impacts on the Healthy and Vibrant Guiding Principles

Many of the findings for the Healthy and Vibrant sections rely primarily on the economic and land use models, which are further ahead in the modeling process for the three futures. At the February RAWG meeting staff will present a draft preview of the three futures, highlighting demographics (i.e., age distribution, income, race), impacts on the Healthy Guiding Principles (e.g., impacts from sea level rise and earthquakes, open space impacts), and impacts on the Vibrant Guiding Principle (e.g. jobs, income distribution, gross regional product) conditions.

Staff looks forward to your feedback on findings to date, and we encourage you to participate in upcoming workshops in March.

### Attachments:

- Presentation





H O R I Z O N

# Futures Round 1: Preview

Impacts on Healthy & Vibrant Guiding  
Principles from the Three Futures

Regional Advisory Working Group | February 5, 2019



Spring 2015 to  
July 2017



February 2018  
to August 2019



September 2019 to  
June 2021

High-performing strategies and projects from *Horizon* - those that are resilient to uncertainties - **will be recommended for inclusion in the Preferred Plan Bay Area 2050 (RTP/SCS).**

The logo graphic consists of a white, wavy line resembling a horizon or a stylized mountain range, set against a dark blue background.

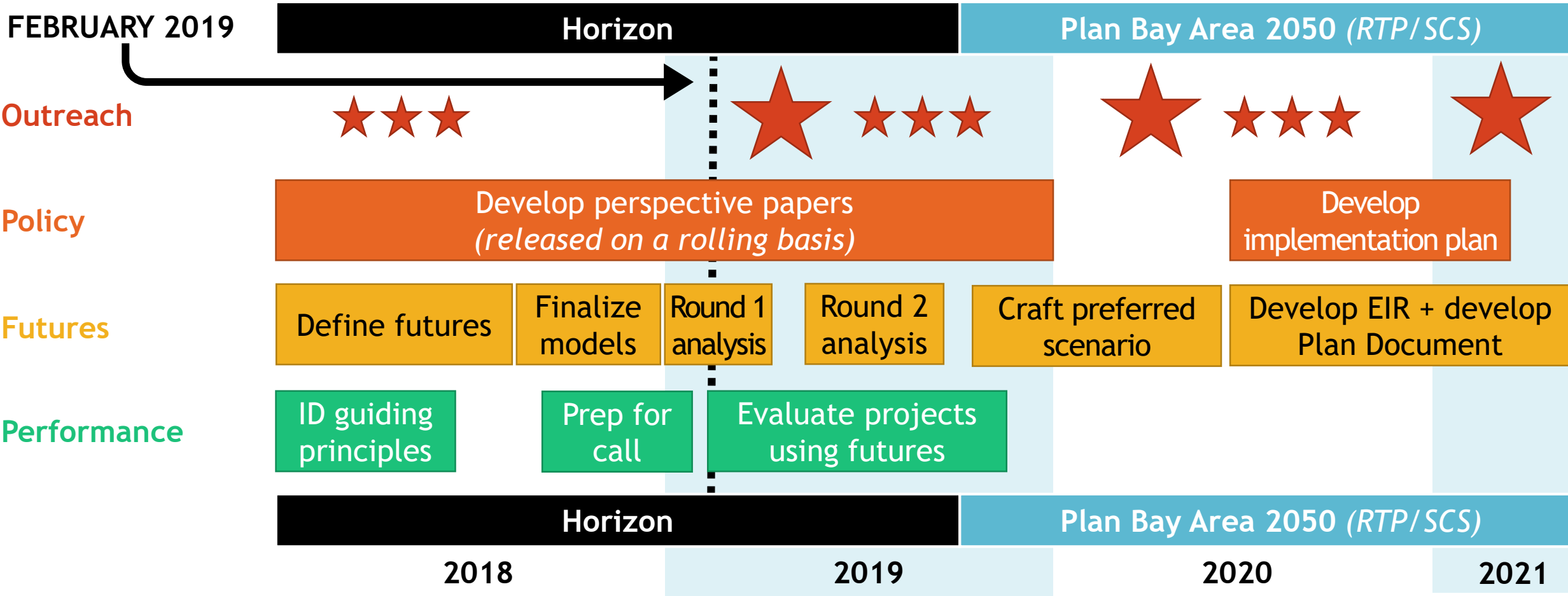
H O R I Z O N

# How we got here.

We have nearly reached a crucial point in the Horizon process.

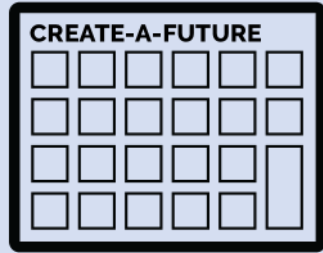


# Schedule for Horizon and Plan Bay Area 2050



# OUTREACH

*Create-a-Future*



**HORIZON CREATE-A-FUTURE**

Higher Tax Rates More Graduated	Current Expenditure Similar Metro S
+1.0% annual national job growth	
50% e-commerce market share	
Greater preference for sharing	

ASSOCIATION OF BAY AREA GOVERNMENTS  
METROPOLITAN TRANSPORTATION COMMISSION

**FUTURE # 5: The Rise of the City State**

**HORIZON CREATE-A-FUTURE**

2 Feet of Sea Level Rise by 2050	M7.0 Hayward Fault Earthquake in 2035	Flawed Democracy	Decline of U.S. as Global Power	Lower Tax Rates Similar Structure	Lower Expenditures Lower Metro Share
2% tariff rates	Current Environmental Regulations	+0.5% annual national population growth	+0.5% annual national job growth	Education & Health 20% Finance 6% Government 10% Information 5% Manufacturing 4% Other (6%) 9%	Professional & Business Services 11% Construction, Mining, Logging 5% Trade, Transport, Utilities 15% Leisure & Hospitality 15%
+4.0% annual national productivity growth	Greater preference for walkable mixed-use	Greater preference for urban job centers	15% telecommute share	50% e-commerce market share	
Faster growth in interregional volumes	<ul style="list-style-type: none"> <li>High Speed Rail</li> <li>Autonomous Rail Transit</li> <li>Autonomous Buses</li> <li>Hyperloop</li> <li>Freight Aerial Drones</li> <li>Lower-Cost Helicopter Transport</li> <li>Other:</li> </ul>	10% fully-autonomous market share	50% electric vehicle market share	Greater preference for sharing	\$0.50 per-mile vehicle operating costs
\$0.5B annual federal for	25 Wild Card ?	26 Wild Card ?			

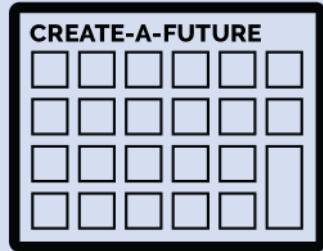
**FUTURE # 6: COMBO PACK**

2 Feet of Sea Level Rise by 2050	Flawed Democracy
20,000 immigrants to the Bay Area annually	Increased Environmental Regulations
+1.0% annual national productivity growth	Greater preference for urban job centers
Com	100% partially automated
\$1.1B annual federal funding for transport	legalized marijuana



## OUTREACH

*Create-a-Future*



## ANALYSIS

*Current Policies*






## REPORT



# What are Key Inputs to Round 1 Futures?

## External Forces

#	FUTURE NAME	IMMIGRATION AND TRADE	NATIONAL TAXES AND FUNDING	NATIONAL GROWTH	LAND USE PREFERENCES	NATIONAL ENVIRONMENTAL POLICY	NEW TECHNOLOGIES	NATURAL DISASTERS
A	 <b>Clean and Green</b>	Similar to today	<b>Higher funding</b> via carbon tax	Similar to today	Housing: more <b>urban</b>	<b>Stricter regulations</b> (1' SLR)	<b>Widespread</b>	Magnitude 7.0 Hayward Fault earthquake
					Jobs: more <b>dispersed</b>			
B	 <b>Rising Tides, Falling Fortunes</b>	Reduced	<b>Lower funding</b> due to tax cuts	<b>Limited</b>	Housing: more <b>urban</b>	<b>Relaxed regulations</b> (3' SLR)	More <b>limited</b>	Magnitude 7.0 Hayward Fault earthquake
					Similar to today			
C	 <b>Back to the Future</b>	<b>Increased</b>	Similar to today	<b>Rapid</b>	Housing: more <b>dispersed</b>	Similar to today (2' SLR)	<b>Widespread</b>	Magnitude 7.0 Hayward Fault earthquake
					Jobs: more <b>urban</b>			

For more information on the Horizon futures, visit [bayareametro.gov/horizon](https://bayareametro.gov/horizon).

# What are Key Inputs to Round 1 Futures?

## Strategies from Plan Bay Area 2040

### Land Use

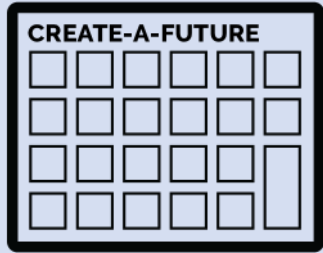
- Assign higher density than currently allowed by cities in select PDAs.
- Keep urban growth boundaries in place.
- Preserve and incorporate office space caps in some job-rich cities.
- Assume 10% inclusionary zoning for all for-profit housing development.
- Assume eased parking minimums, streamlined process, and subsidies stimulate development in PDAs.

### Transportation

- **Operate and Maintain** - Fix-it-First; Ongoing Operations
- **Modernize** - Caltrain Electrification, BART Core Capacity, New BRT Lines, Bay Area Forward, etc.
- **Expand** - BART to Silicon Valley, Caltrain DTX, Express Lanes Network, etc.

## OUTREACH

*Create-a-Future*



## ANALYSIS

*Current Policies*

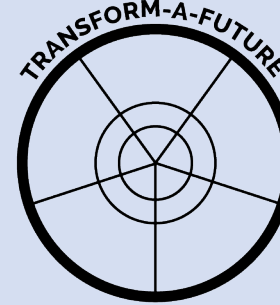


## REPORT



## OUTREACH

*Improve-a-Future*



## ANALYSIS

*New Strategies*






## REPORT



# What goes into the Round 2 Futures?

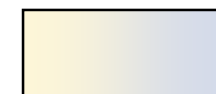
## External Forces

#	FUTURE NAME	IMMIGRATION AND TRADE	NATIONAL TAXES AND FUNDING	NATIONAL GROWTH	LAND USE PREFERENCES	NATIONAL ENVIRONMENTAL POLICY	NEW TECHNOLOGIES	NATURAL DISASTERS
A	 <b>Clean and Green</b>	Similar to today	<b>Higher funding</b> via carbon tax	Similar to today	Housing: more <b>urban</b>	<b>Stricter regulations</b> (1' SLR)	<b>Widespread</b>	Magnitude 7.0 Hayward Fault earthquake
					Jobs: more <b>dispersed</b>			
B	 <b>Rising Tides, Falling Fortunes</b>	Reduced	<b>Lower funding</b> due to tax cuts	Limited	Housing: more <b>urban</b>	<b>Relaxed regulations</b> (3' SLR)	More <b>limited</b>	Magnitude 7.0 Hayward Fault earthquake
					Similar to today			
C	 <b>Back to the Future</b>	Increased	Similar to today	Rapid	Housing: more <b>dispersed</b>	Similar to today (2' SLR)	<b>Widespread</b>	Magnitude 7.0 Hayward Fault earthquake
					Jobs: more <b>urban</b>			

For more information on the Horizon futures, visit [bayareametro.gov/horizon](https://bayareametro.gov/horizon).

### COLOR LEGEND

Lower value



Higher value

# What goes into the Round 2 Futures?

## New or Modified Strategies - Customized for Futures

Land Use

Transportation

Economic Dev.

Resilience

*Preserve, modify, or remove strategies from Plan Bay Area 2040. We assume most of the strategies will have some level of support for continuation, but others might be modified.*

**Add new strategies from Perspective Papers and other major regional initiatives, such as CASA, CEDS (Economy), BCDC ART Bay Area (Sea Level Rise), etc.**



H O R I Z O N

# The Three Futures

Preliminary findings regarding impacts on Healthy and Vibrant  
Guiding Principles for the three Futures.

1. Reintroduction of the 3 Futures
2. Demographic Trends
3. Healthy Trends (Sea Level Rise, Earthquake, Open Space)
4. Vibrant Trends (Jobs, Income, Economy)

H O R I Z O N



*Key caveat: all of the results today are in draft form; revised and complete results will be shared broadly in March.*



H O R I Z O N

# Rising Tides, Falling Fortunes

Imagine a future where the federal government cuts spending and reduces regulations, leaving decisions to states & regions.





# H O R I Z O N

## Clean & Green

Imagine a future where new technologies and a national carbon tax enabled telecommuting and distributed job centers.





# HORIZON

## Back to the Future



Imagine a future where an economic boom and new transportation options spur a new wave of development.

*Photo Credit: Paulo Philippidis, Bus Through Sonic Runway*  
<https://www.flickr.com/photos/canorus/40642623862>

A graphic element in the top left corner consisting of a white, wavy line resembling a horizon or a stylized mountain range, set against a dark blue background.

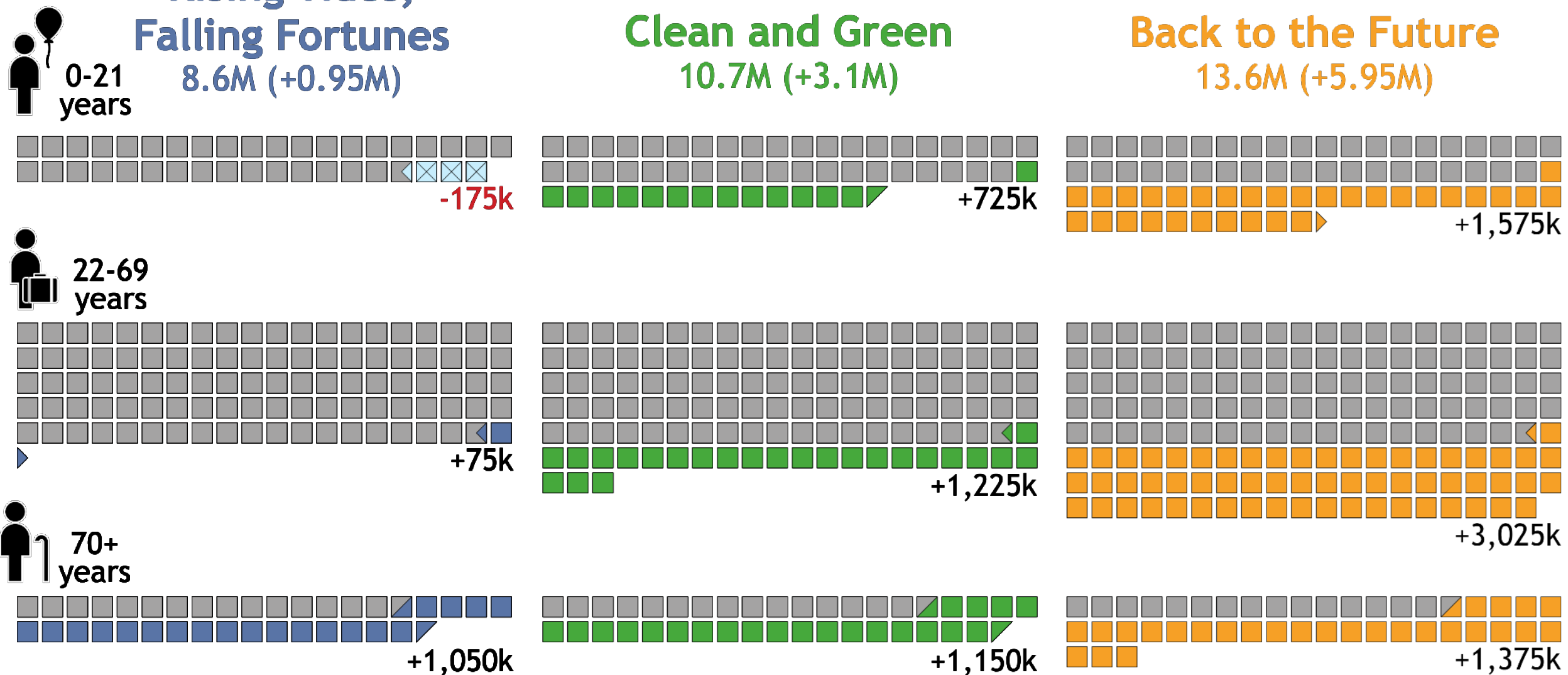
H O R I Z O N

# Demographics

Preliminary Findings for the Three Divergent Futures

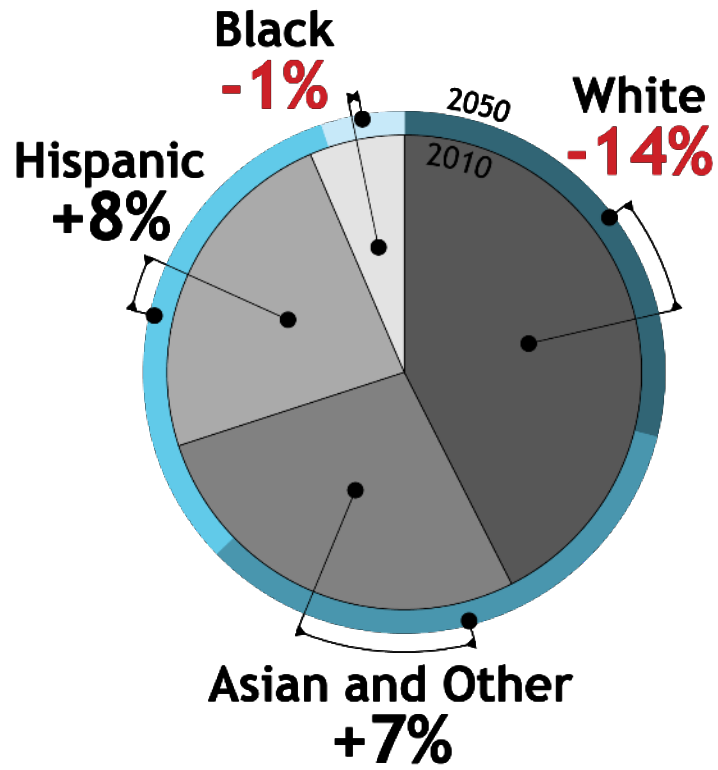
# Demographics - Age

■ = 50,000 people  
(a single line is equal to one million people)

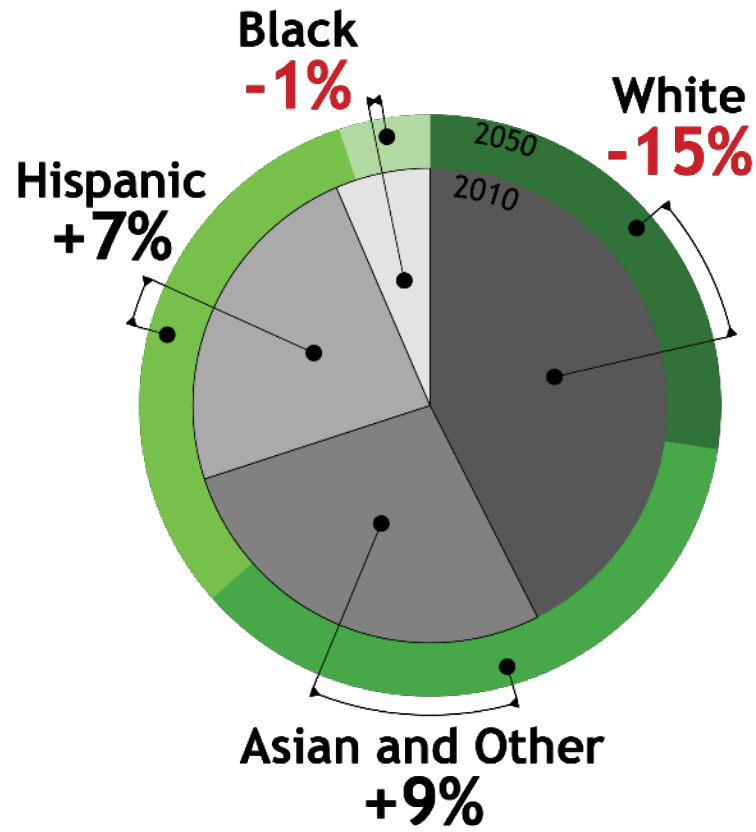


# Demographics - Race (change in regional share)

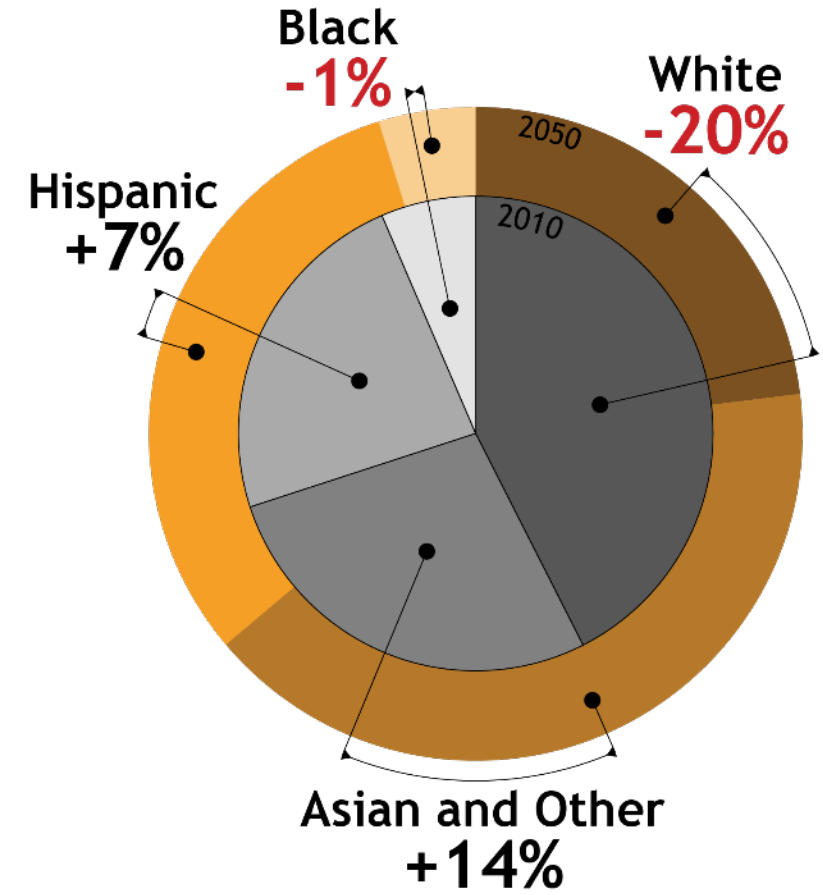
**Rising Tides,  
Falling Fortunes**  
8.6M (+0.95M)



**Clean and Green**  
10.7M (+3.1M)



**Back to the Future**  
13.6M (+5.95M)



Above is the change in regional share. In *Rising Tides*, a future with slower growth, the absolute number of white residents decreases. In *Back to the Future*, a future with faster growth, the absolute number of white residents increases, but as a share of the regional population it decreases.

H O R I Z O N



# Healthy Trends

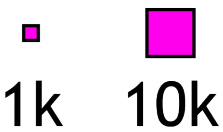


# Rising Tides, Falling Fortunes

*(2035 earthquake and 3-feet of sea level rise)*

## Impacted Housing Units from Sea Level Rise

*(the square area is representative of the number of housing units destroyed)*

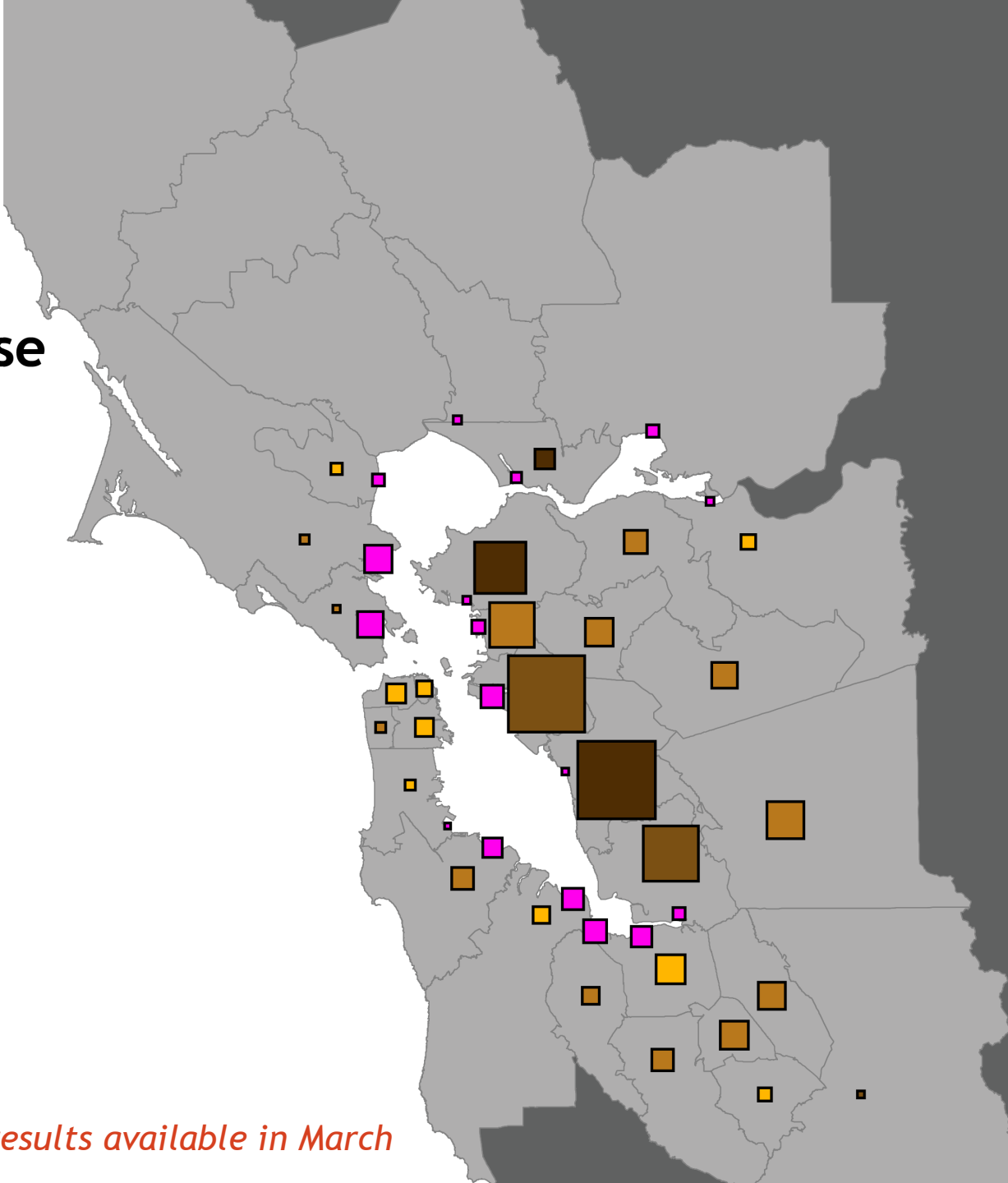


## Impacted Housing Units from Earthquake

*(the square area is representative of the number of housing units destroyed)*



*draft results - final results available in March*



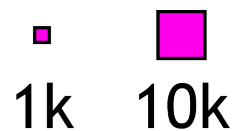


# Clean and Green

*(2035 earthquake and 1-foot of sea level rise)*

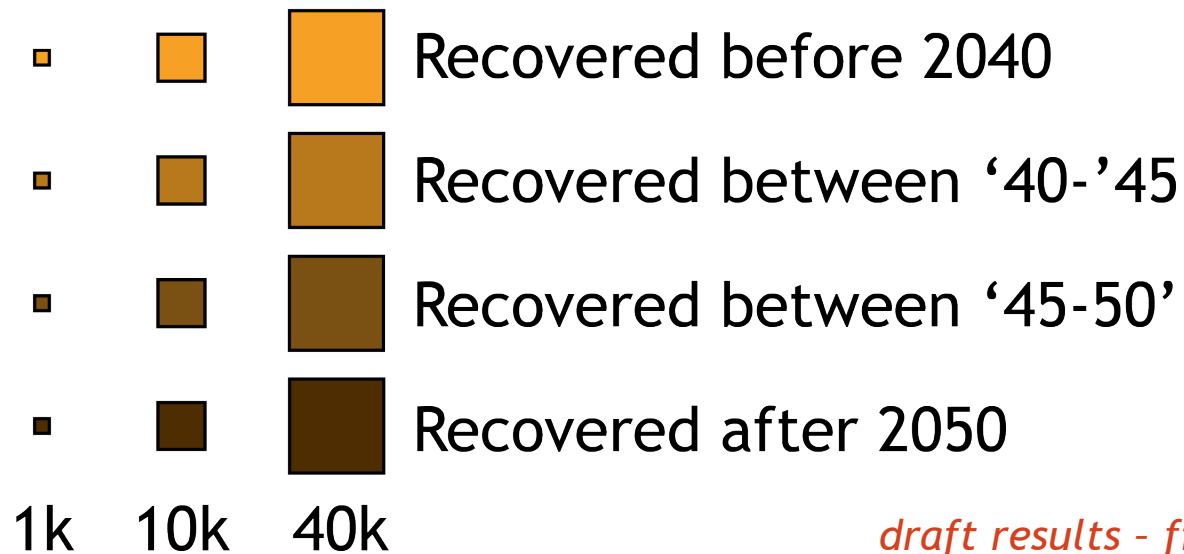
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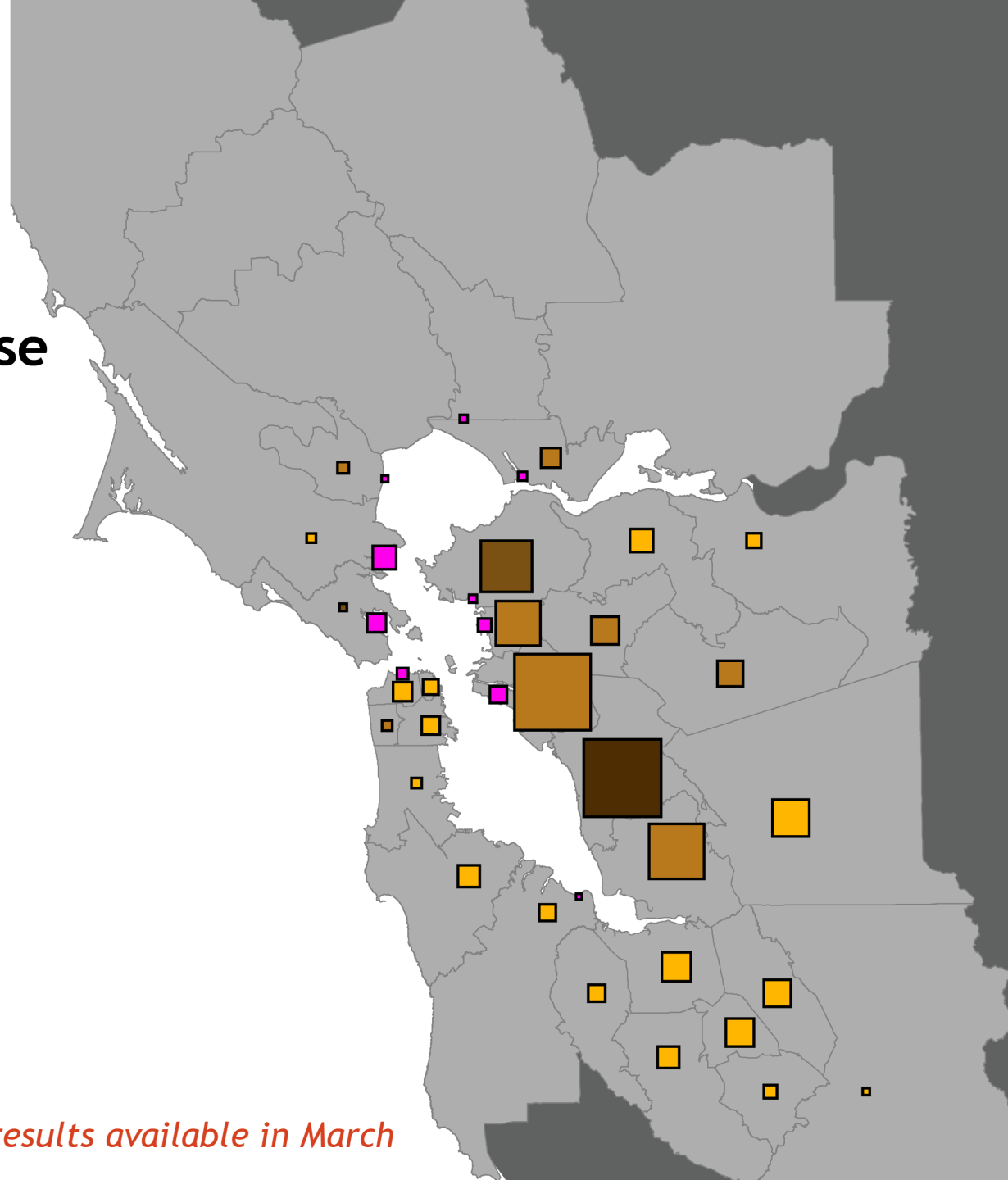


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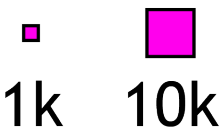


# Back to the Future

*(2035 earthquake and 2-feet of sea level rise)*

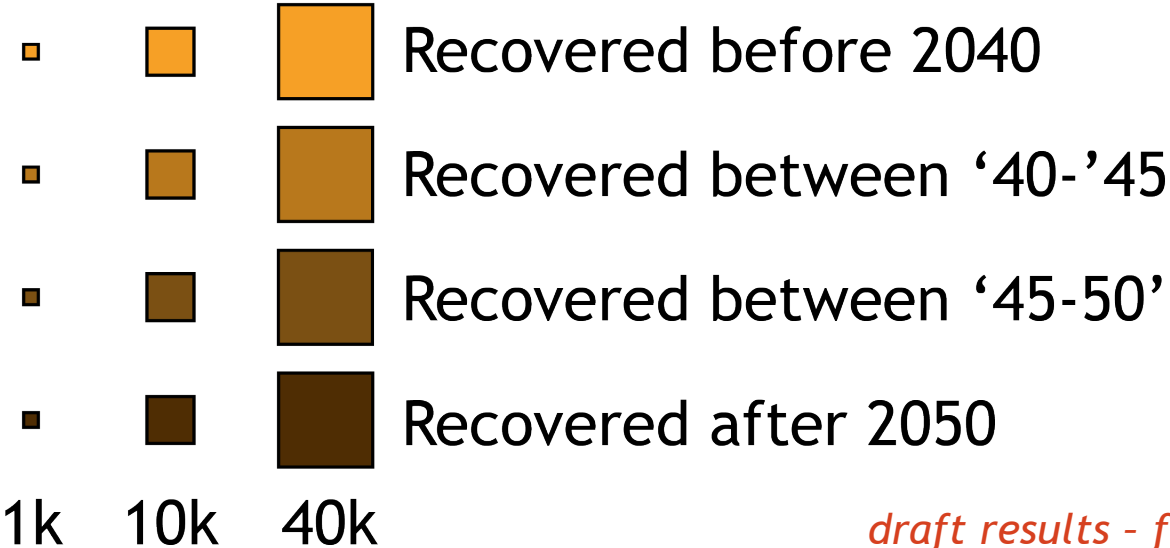
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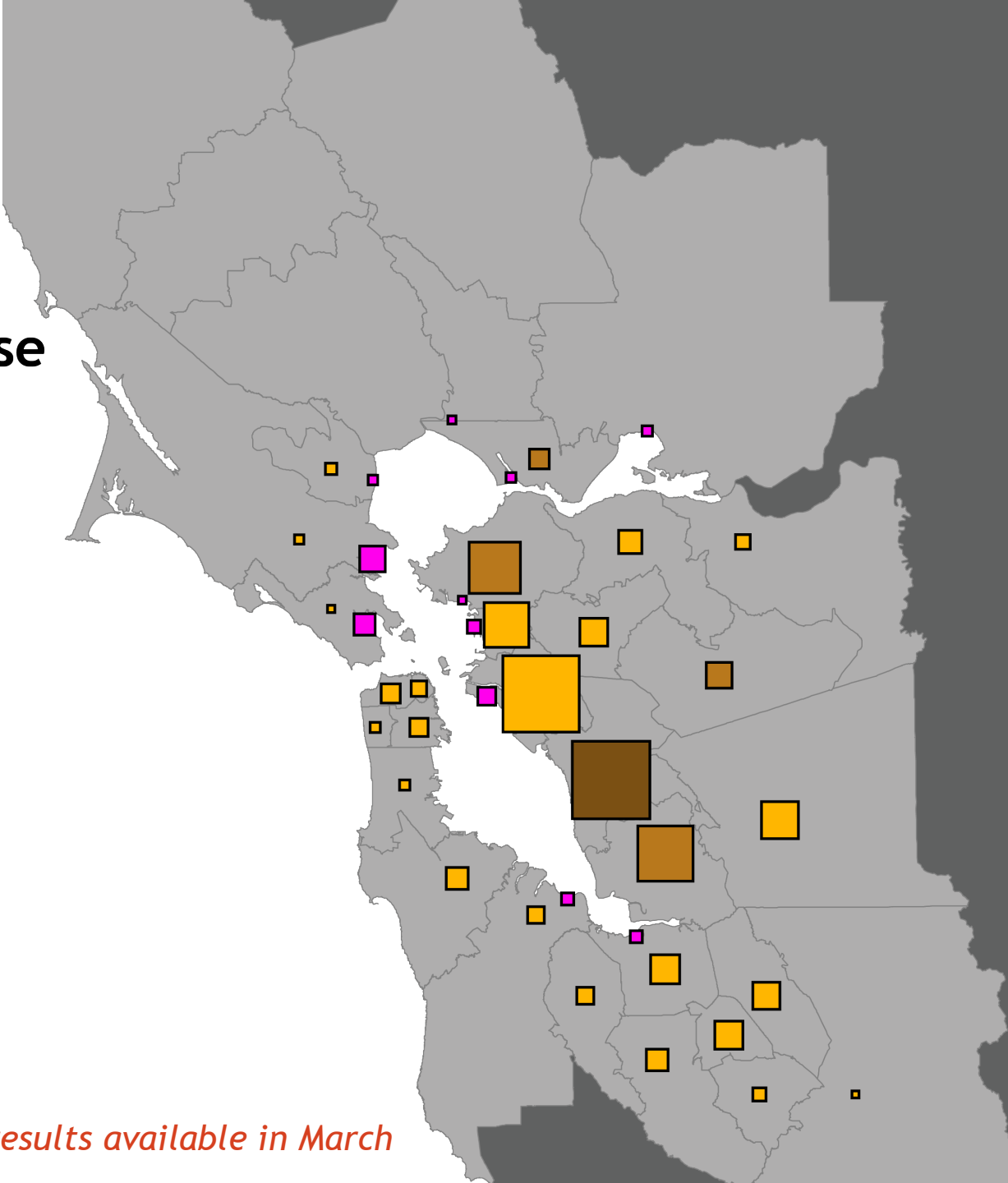


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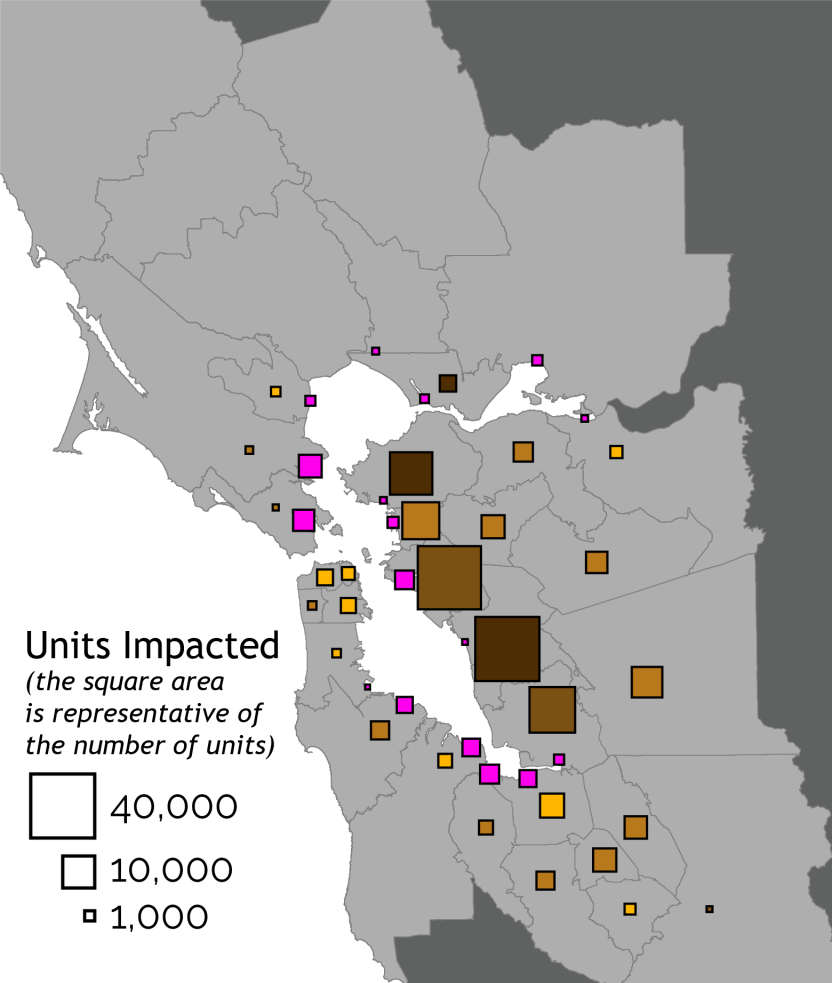


*draft results - final results available in March*



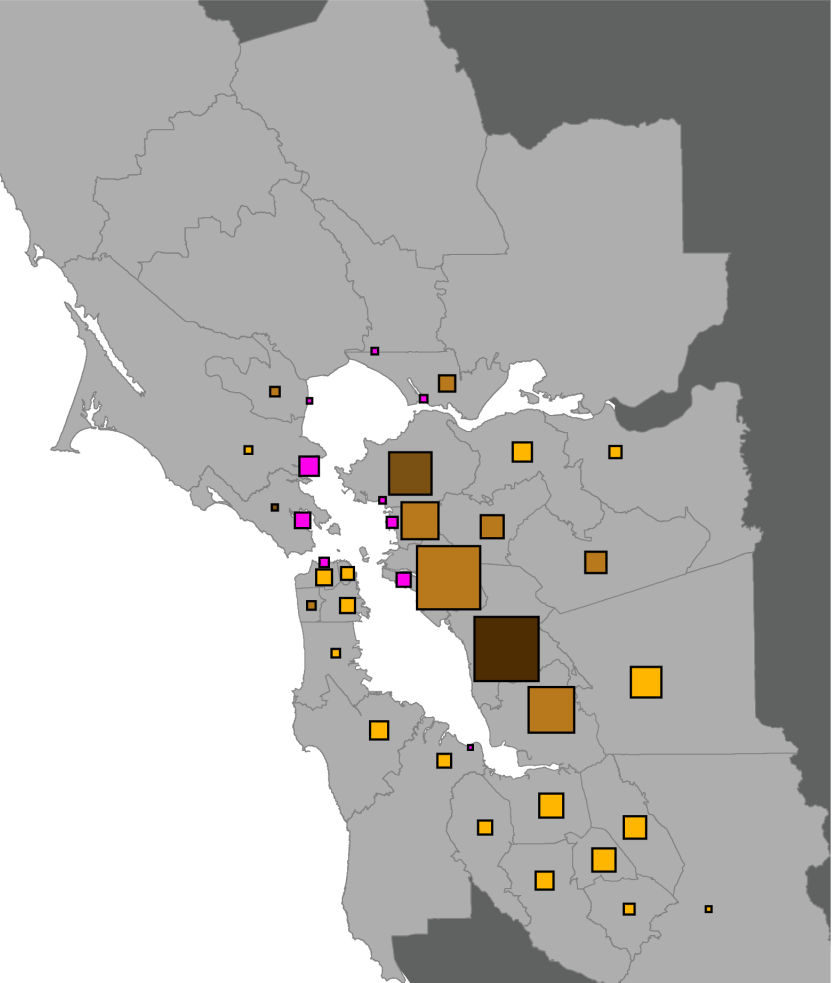
# Rising Tides, Falling Fortunes

2035 Quake and 3' Sea Level Rise



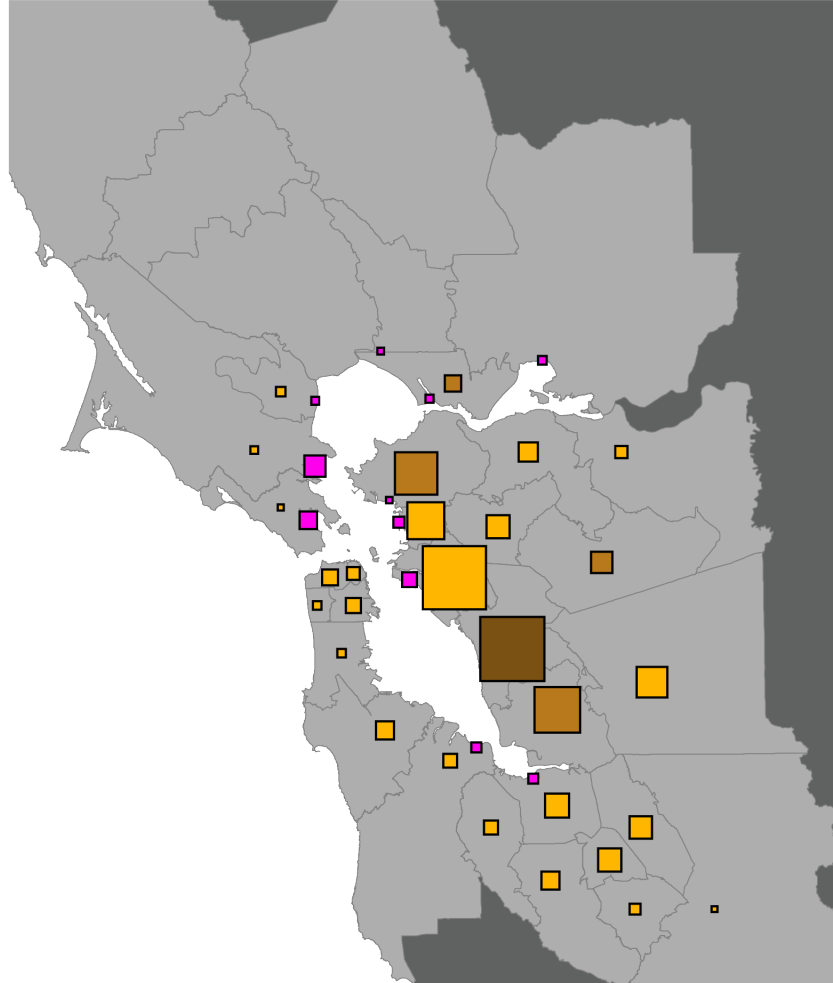
# Clean and Green

2035 Quake and 1' Sea Level Rise



# Back to the Future

2035 Quake and 2' Sea Level Rise



# Earthquake and Sea Level Rise - Key Impacts *Continued*

			Rising Tides, Falling Fortunes	Clean and Green	Back to the Future
Nature (Sea Level Rise)		Natural Area Impacted <i>(in acres)</i>	188,000	125,000	164,000
Transportation (Sea Level Rise)	Roads	Marin County: <b>US-101 and I-580</b>	X	X	X
		North Bay: <b>SR-37</b>	X	X	X
		Peninsula: <b>US-101</b>	X		
		South Bay: <b>SR-84</b>	X		
	Transit	<b>Capitol Corridor &amp; ACE</b>	X	X	X
		<b>VTa: Tasman LRT</b>	X	X	X
		<b>SMART: Marin County Service</b>	X		X
		<b>BART: Oakland Airport Line</b>	X		
Transportation (Earthquake)	Roads	Alameda Cty: <b>I-580, I-680, I-880</b>	X	X**	X**
		Alameda/Contra Costa: <b>SR-24</b>	X	X**	X**
		North Bay: <b>SR-37</b>	X	X**	X**
	Transit	<b>BART: Orange/Blue/Green Lines</b>	X	X**	X**
		<b>BART: Berkeley Hills Tunnel</b>	X	X**	X**

\*\* = impacted in 2035, but repaired using federal disaster relief funds in months/years after quake (restored by 2040 at latest)

# Opportunities and Challenges

## All Futures



Rising Tides,  
Falling  
Fortunes



Clean  
and Green



Back to  
the Future

- **Significant declines in per-capita emissions.** New technologies, especially in the two faster-growth futures, play a key role.
- **Significant damage in 2035 from Haywired earthquake.** 3-5% of all buildings in the Bay Area are destroyed.
- **Greater ease of relocation.** Slow growth means that it would be easier to relocate within the Bay Area after SLR/earthquake impacts.
- **Extreme sea level rise impacts.** 3 feet of sea level rise displaces 70,000 residents and 150,000 jobs.
- **Limited sea level rise impacts.** A national carbon tax and international action means that region *only* needs to contend with 1 foot of SLR.
- **Construction workforce.** Disaster recovery may be slowed by this future's more limited labor force.
- **Strong economy to power recovery.** Robust economic growth would buoy recovery from earthquake and SLR.
- **Natural resources overburdened.** Natural lands & parks would be stretched to their limits by rapid population growth and climate impacts.

**More to Come:** metrics related to GHG emissions, detailed earthquake impacts, etc.

H O R I Z O N

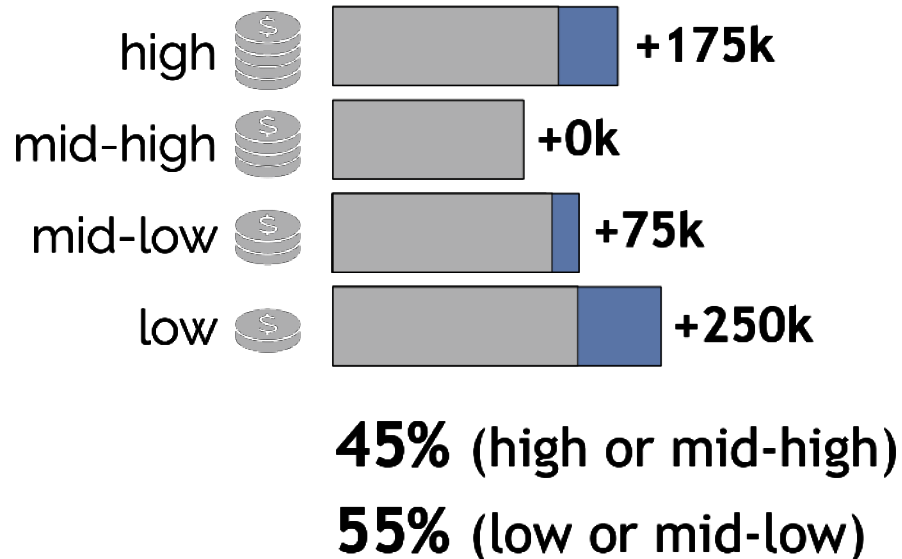


# Vibrant Trends

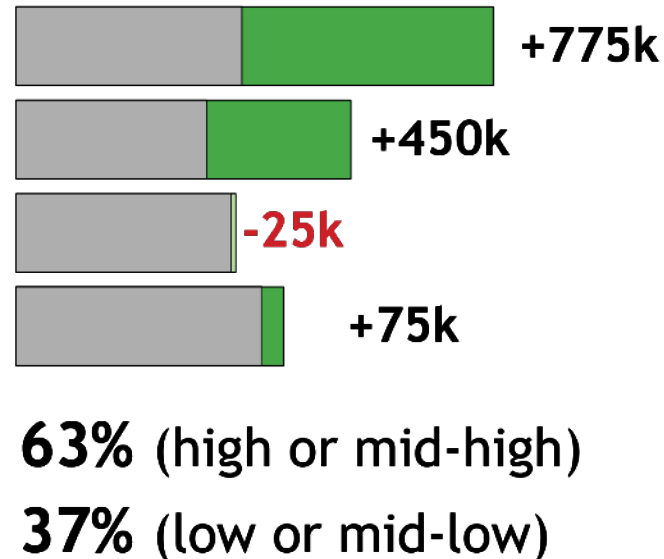
# Income (households by category)

PBA2040 projected 57% high or mid-high incomes.

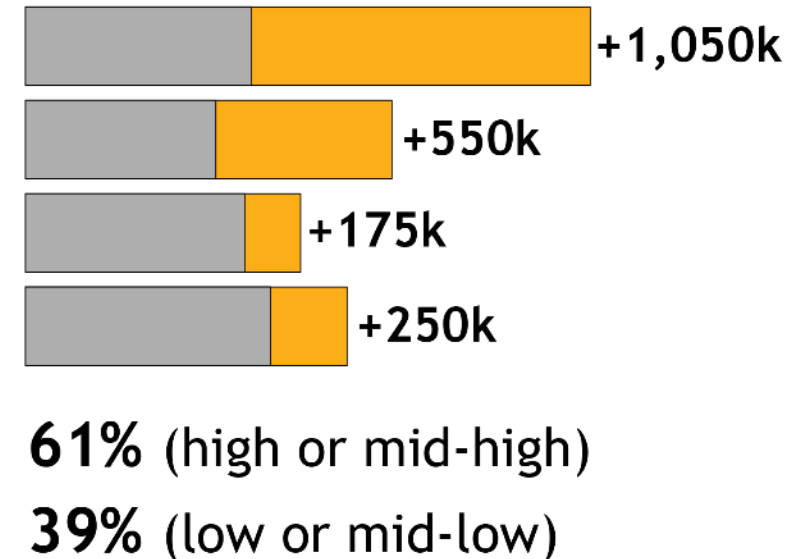
## Rising Tides, Falling Fortunes (+0.5M households)



## Clean and Green (+1.3M households)



## Back to the Future (+2.0M households)



*draft results - final results available in March*

# Rising Tides, Falling Fortunes

Total Jobs 4.6M

(+0.5M Jobs, 13% increase from today)

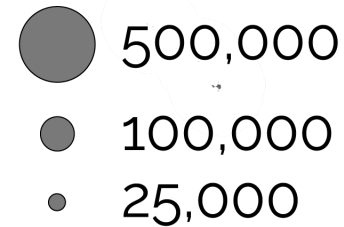
Regional Economy 1.1T

(0.5T, 84% increase from today)

*The value added by economic activity in the 9 counties.*

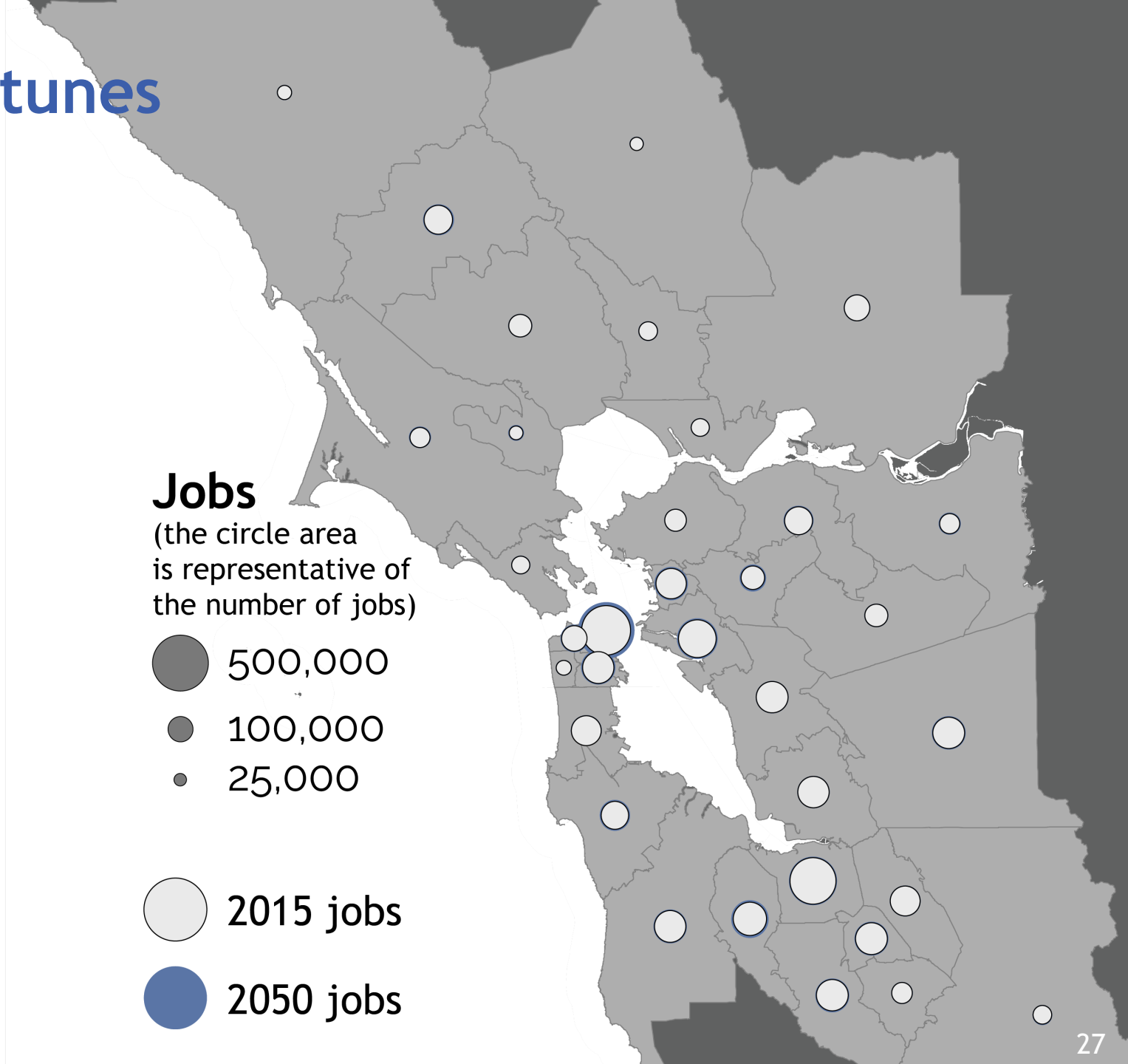
## Jobs

(the circle area is representative of the number of jobs)



2015 jobs

2050 jobs



*draft results - final results available in March*



# Clean and Green

Total Jobs 5.2M

(+1.1M Jobs, 27% increase from today)

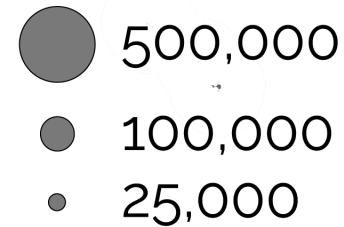
Regional Economy 2.1T

(1.4T, 243% increase from today)

*The value added by economic activity in the 9 counties.*

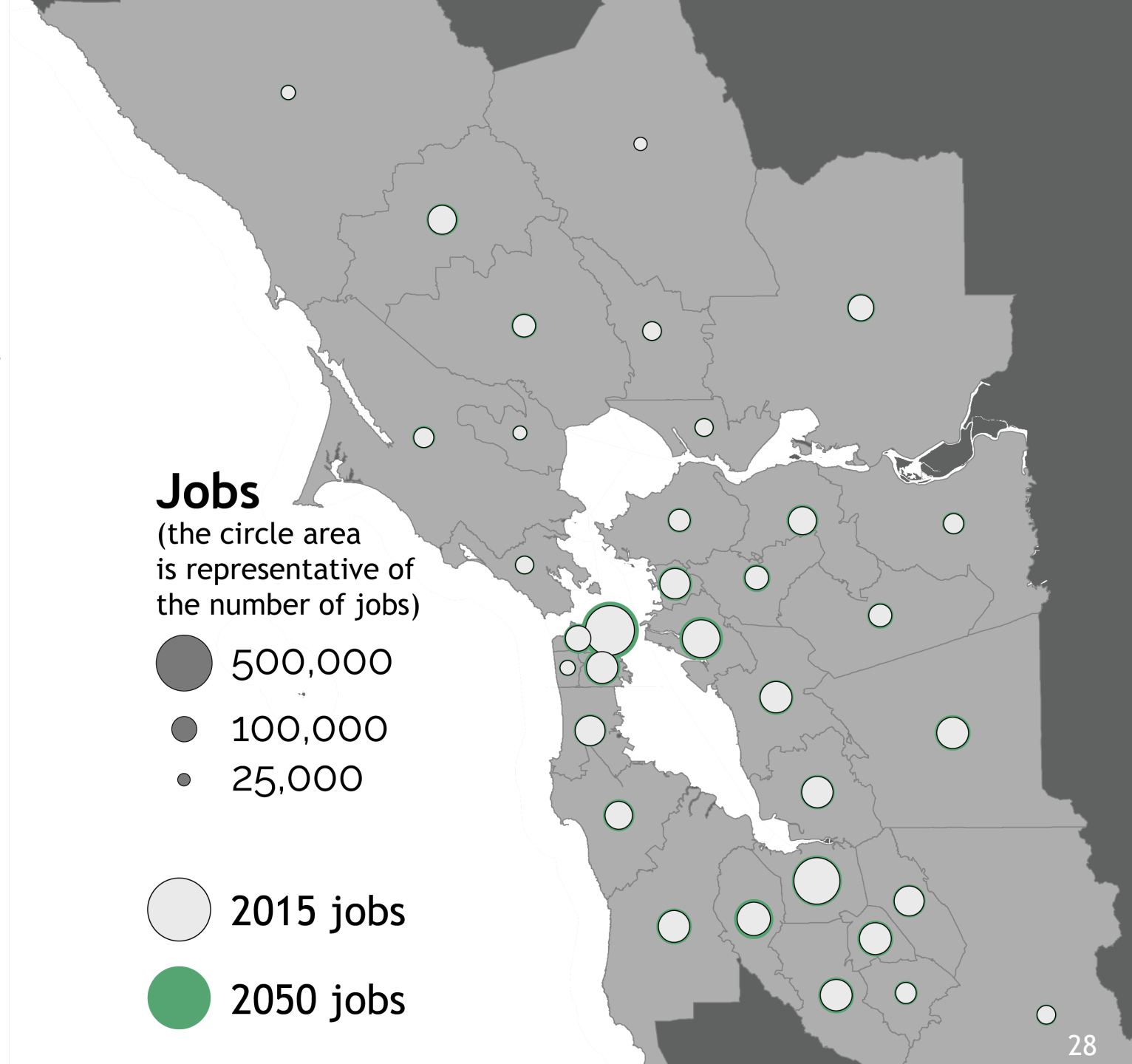
## Jobs

(the circle area is representative of the number of jobs)



2015 jobs

2050 jobs



*draft results - final results available in March*

# Back to the Future

Total Jobs 6.8M

(+2.7M Jobs, 67% increase from today)

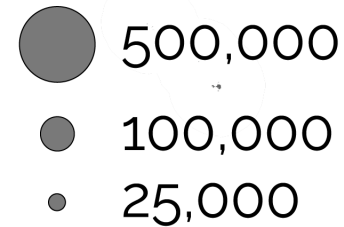
Regional Economy 1.9T

(1.2T, 203% increase from today)

*The value added by economic activity in the 9 counties.*

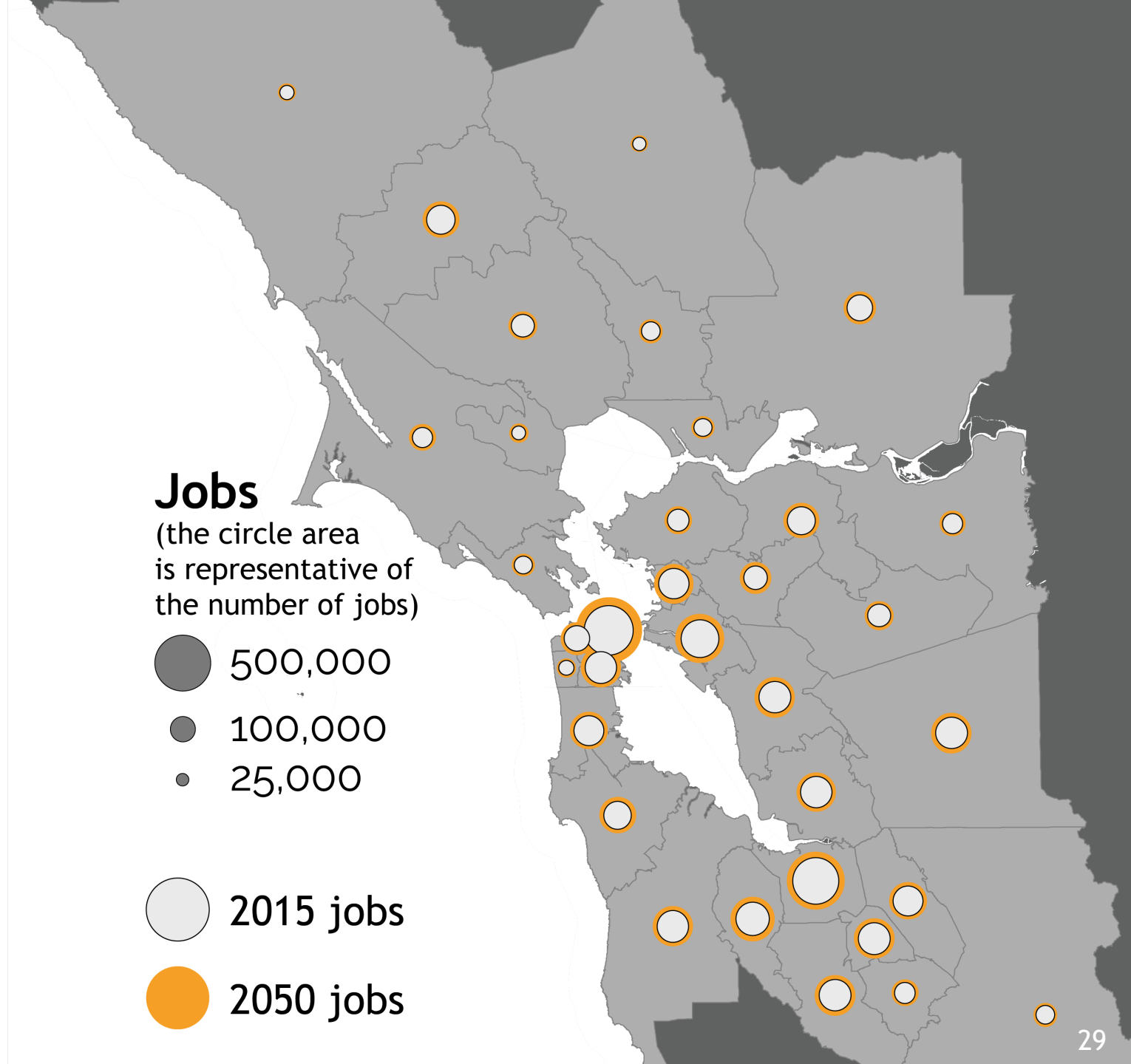
## Jobs

(the circle area is representative of the number of jobs)



2015 jobs

2050 jobs

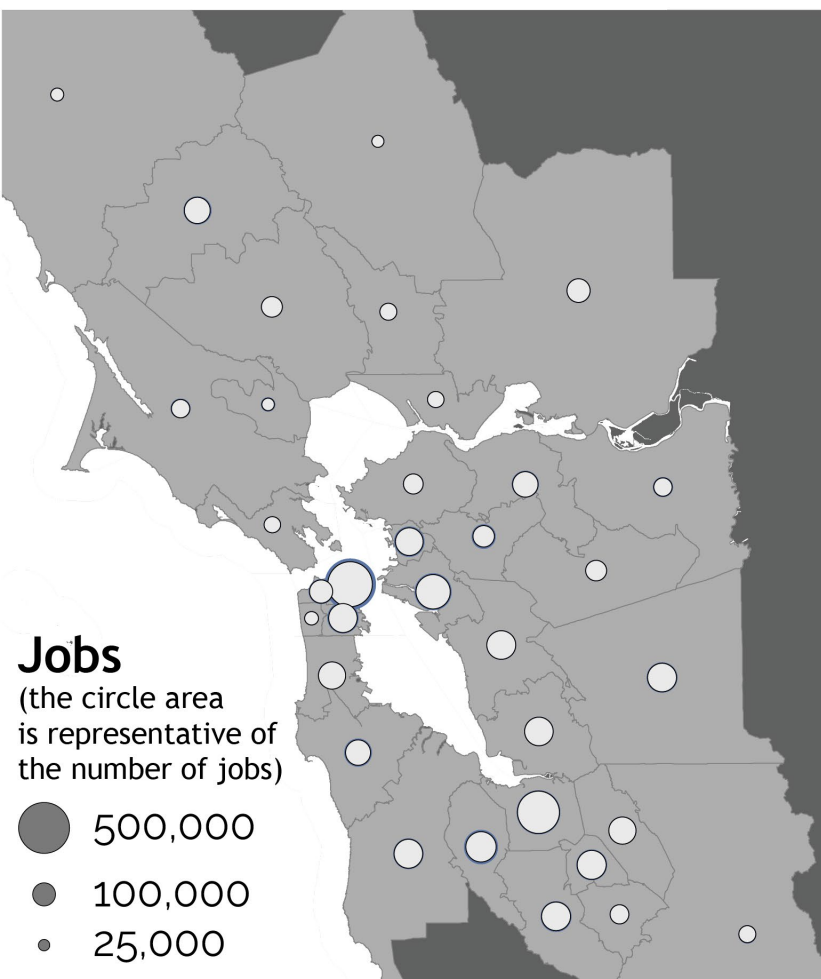


*draft results - final results available in March*

PBA2040 projected 4.5M jobs in 2040

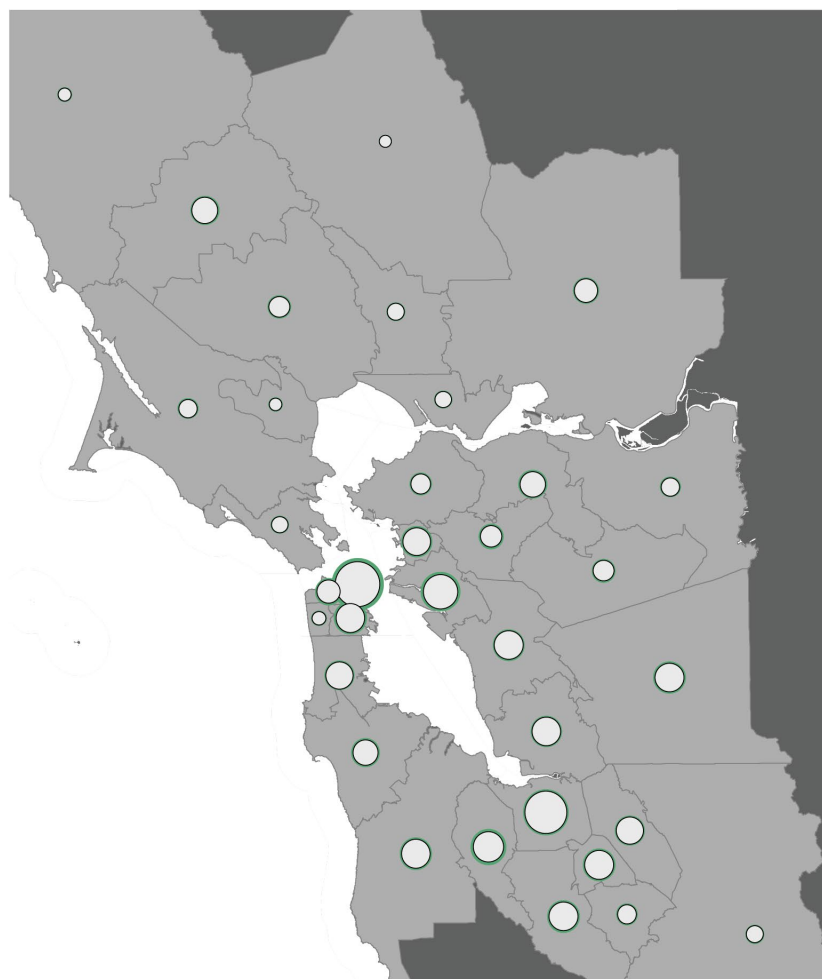
## Rising Tides, Falling Fortunes

Total Jobs 4.6M



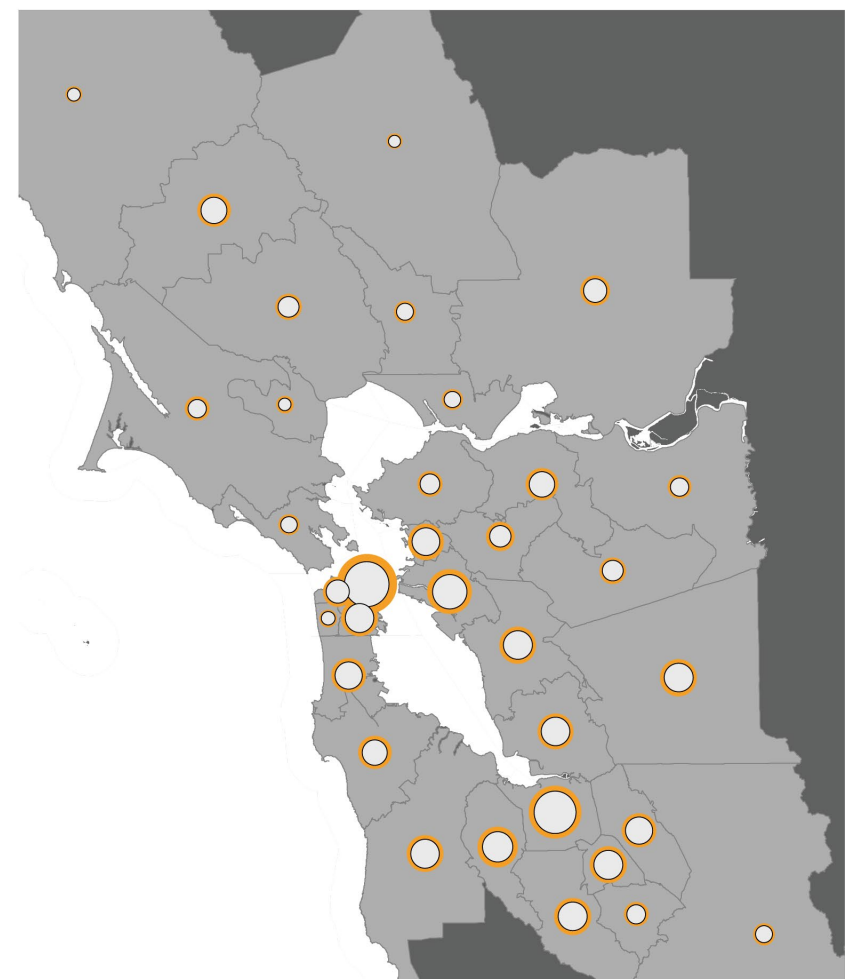
## Clean and Green

Total Jobs 5.2M



## Back to the Future

Total Jobs 6.8M



# Opportunities and Challenges

## All Futures



Rising Tides,  
Falling  
Fortunes

- **Growth projected in all futures.** Even with the economic headwinds in some futures, the Bay Area is expected to see growth over the coming decades.
- **Middle-wage jobs at risk.** The middle class remains at risk due to rising income inequality.
- **Limited automation retains existing jobs.** Limited advancement of technologies like AI mean more of the jobs of today will be here tomorrow.
- **Slow growth.** Limited economic growth would create severe challenges for lower-income residents.



Clean  
and Green

- **High-wage jobs boom.** With high-knowledge workers migrating to the region, tax revenues would rise significantly.
- **Risk of ongoing economic divide.** There's no guarantee new high-paying jobs would be accessible to today's residents, especially those without key skills.






Back to  
the Future

- **Huge employment growth.** Communities that want more jobs may have an opportunity to grow their economic base.
- **Infrastructure limitations.** An economy buoyed by workforce growth will require new supporting investments.




**More to Come:** additional economic metrics

# Futures Scorecard - Guiding Principles (1)

Selected Indicators from VITAL SIGNS		2015	Rising Tides, Falling Fortunes		Clean and Green		Back to the Future	
			2050 Current Policies	2050 New Strategies	2050 Current Policies	2050 New Strategies	2050 Current Policies	2050 New Strategies
 <b>AFFORDABLE</b>	Housing + transport costs (share of income)							
	Low-income population (share of overall population)							
 <b>CONNECTED</b>	Non-auto commute mode share							
	Average commute time							
 <b>DIVERSE</b>	Risk of displacement (share of lower-income HHs)							

COMING IN MARCH

# Futures Scorecard - Guiding Principles (2)

Selected Indicators from VITAL SIGNS		2015	Rising Tides, Falling Fortunes		Clean and Green		Back to the Future	
			2050 Current Policies	2050 New Strategies	2050 Current Policies	2050 New Strategies	2050 Current Policies	2050 New Strategies
 DIVERSE	Housing production (net new units)		COMING IN MARCH					
 HEALTHY	Greenhouse gas emissions (per-capita)		COMING IN MARCH					
	Annual greenfield development (increase in urbanized acreage)		COMING IN MARCH					
 VIBRANT	Jobs in middle-wage industries (share of all jobs)	21%	18%		17%		19%	
	Gross regional product (inflation-adjusted)	\$0.7 trillion	\$1.1 trillion		\$2.1 trillion		\$1.9 trillion	

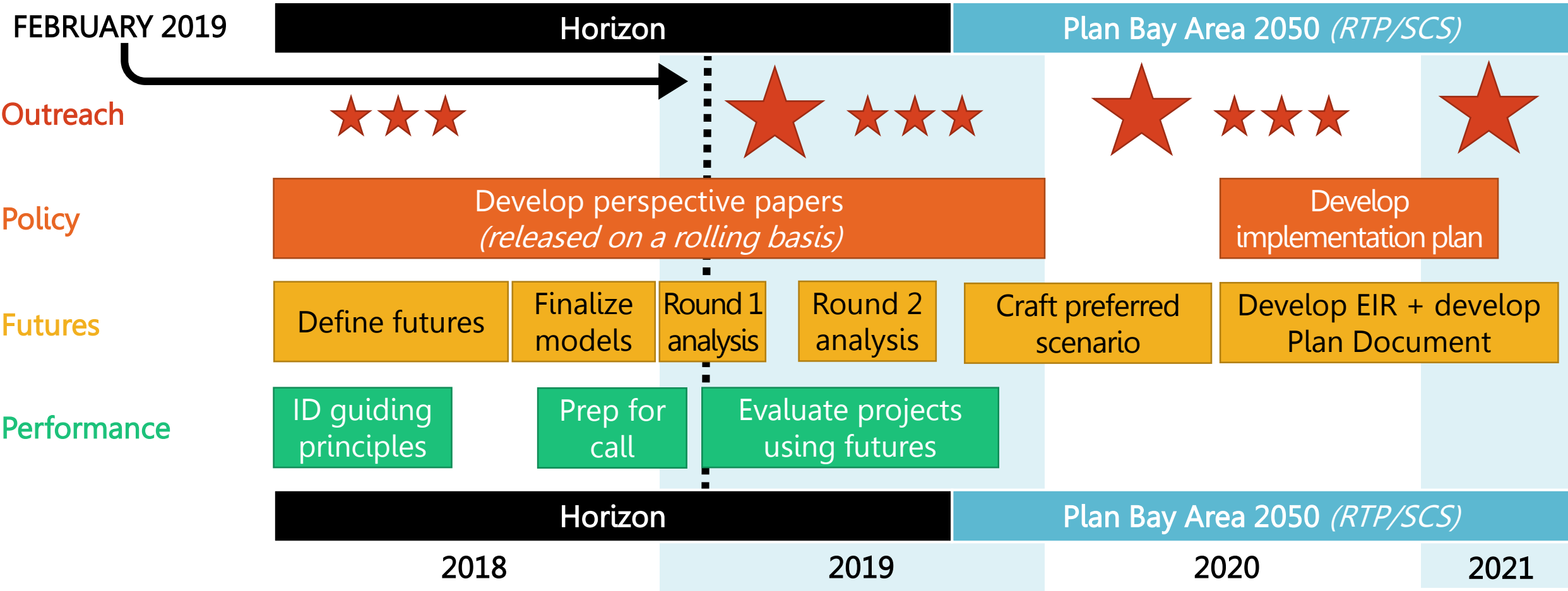


H O R I Z O N

# Upcoming in March

- **Release of Futures:** Futures Round 1 Report on Opportunities & Challenges
- **Outreach:** Focus on Strategies to Improve Outcomes in Round 2 Analysis

# Schedule for Horizon and Plan Bay Area 2050







## Engaging with Stakeholders

At a half-day workshop, technical stakeholders will collaboratively connect strategies to challenges in the three futures.

- Monday      March 11, 8:30-1:30      375 Beale St.



## Engaging with the Public

At the open-house events the public will be introduced to the futures and be asked their opinions on different strategy options.

- |            |                   |          |
|------------|-------------------|----------|
| • Tuesday  | March 12, 6-8pm   | Oakland  |
| • Thursday | March 14, 6-8pm   | San Jose |
| • Saturday | March 16, 10-12pm | Petaluma |



## Engaging with CBOs

We have partnered with eight community based organizations to hold focus groups to hear in-depth opinions on possible strategy options.

1. **East Palo Alto**  
*Acterra*
2. **Hayward**  
*Community Resources for Independent Living*
3. **Vallejo**  
*Green Hive*
4. **San Francisco**  
*Lighthouse for the Blind and Visually Impaired*
5. **Oakland**  
*Rose Foundation*
6. **San Jose**  
*Sacred Heart Community Service*
7. **San Francisco**  
*Sound of Hope Radio Network*
8. **Oakland**  
*West Oakland Environmental Indicators Project*



H O R I Z O N

Questions?

# Metropolitan Transportation Commission

## Legislation Details (With Text)

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**File #:** 19-0012      **Version:** 1      **Name:**  
**Type:** Report      **Status:** Informational  
**File created:** 1/2/2019      **In control:** Regional Advisory Working Group  
**On agenda:** 2/5/2019      **Final action:**  
**Title:** 2019 Roadmap: From Horizon to Plan Bay Area 2050

Overview of how the various Horizon deliverables from 2018 and 2019 will inform the Preferred Plan Bay Area 2050, in addition to highlighting preparatory activities for Plan Bay Area 2050 (e.g., Call for Projects).

**Sponsors:****Indexes:****Code sections:**

**Attachments:** [3 From Horizon to PBA 2050.pdf](#)

Date	Ver.	Action By	Action	Result
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**Subject:**

2019 Roadmap: From Horizon to Plan Bay Area 2050

Overview of how the various Horizon deliverables from 2018 and 2019 will inform the Preferred Plan Bay Area 2050, in addition to highlighting preparatory activities for Plan Bay Area 2050 (e.g., Call for Projects).

**Presenter:**

Dave Vautin and Adam Noelting, MTC / ABAG

**Recommended Action:**

Information

**Attachments:**

M E M O R A N D U M



**Agenda Item 3**

TO: Regional Advisory Working Group

DATE: February 1, 2019

FR: Dave Vautin and Adam Noelting, MTC / ABAG

RE: 2019 Roadmap: From Horizon to Plan Bay Area 2050

Regional Advisory Working Group Agenda Item 3, 2019 Roadmap: From Horizon to Plan Bay Area 2050, is attached. This report will be presented to this month's Joint MTC Planning Committee with the ABAG Administrative Committee, which will meet on February 8, 2019.

Staff will be at your February 5 meeting to discuss 2019 Roadmap: From Horizon to Plan Bay Area 2050 and the Working Group's input is requested.

**Attachment**

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## M E M O R A N D U M



### Agenda Item 7a

TO: Joint MTC Planning Committee with the  
ABAG Administrative Committee

FR: Executive Director

RE: 2019 Roadmap: From *Horizon* to *Plan Bay Area 2050*

DATE: February 1, 2019

#### Summary

With the *Horizon* long-range planning effort more than halfway complete, staff is beginning to prepare for the official kickoff of *Plan Bay Area 2050* (RTP/SCS) in fall 2019. High-performing strategies and investments from *Horizon* will form the foundation of *Plan Bay Area 2050*, pulling from the Perspective Paper priority strategies, Futures reports, Project Performance results, and Outreach findings. In addition to *Horizon*, staff will begin preparatory work for *Plan Bay Area 2050* over the next six months, working on tasks such as collection of remaining project data, estimation of available revenues, development of official growth forecasts, and modifications to the regional growth framework.

#### Upcoming Deliverables from *Horizon* (refer to *Attachment A* for project schedule information)

- **Futures - Strategy Discussions and Reports.** In mid-2018, three divergent futures (“what if...?” scenarios) were developed in concert with stakeholders. Staff will produce two reports on how these futures would affect the Bay Area. Due for release in March, the first report considers what would happen if current policies are left in place despite a range of external forces, and the second report will look at how prioritized strategies might improve regional outcomes.
- **Perspective Papers - Four Papers Remaining.** Four more Perspective Papers are currently under development - The Future of Jobs (March), Bay Crossings (April), Governance (June), and Sea Level Rise (September). Each will identify strategies that may be considered for inclusion in *Plan Bay Area 2050*, addressing the specific challenges associated with that topic area.
- **Project Performance Assessment - Results Release.** 93 projects are currently undergoing project performance assessment using the methodology shared with this committee in mid-2018; additional revisions to address stakeholder feedback were finalized in fall 2018. Staff anticipates releasing draft project performance results in September, integrating any additional projects received via the Call for Projects during the summer. The committees will ultimately prioritize projects based on their benefit-cost ratios, Guiding Principles ratings, and equity scores.
- **Outreach - Summaries.** With workshops scheduled for next month, pop-ups planned across the Bay Area this summer, and parallel outreach efforts underway with youth (Y-PLAN) and community-based organizations (CBOs) this spring, staff looks forward to integrating public feedback from *Horizon* into the early decision-making related to *Plan Bay Area 2050* - weighing how strategies perform with public support for including each strategy. Additional public workshops will be held as part of the *Plan Bay Area 2050* process in spring 2020 and winter 2021.



### **How Will *Horizon* Integrate into *Plan Bay Area 2050*?**

*Horizon* has been focused on identifying strategies to address some of the region's biggest challenges in an era of extreme uncertainty, starting with Perspective Papers to generate new ideas that align with our Guiding Principles. While *Plan Bay Area 2050* will need to address myriad priorities and mandates, our general approach will be to prioritize strategies and investments from *Horizon* that performed well across multiple futures. These strategies and investments are the most resilient to external forces beyond our control, such as shifts in global economic growth or emergence of new technologies. Final reports on futures and project performance will be paired with public outreach findings to form the initial recommendations on which strategies to advance into *Plan Bay Area 2050*.

Listed below are several potential examples of *Horizon* findings that could be integrated into the *Plan*:

- If **investments in high-capacity transit** suggested in Perspective Paper #1 prove transformational in the futures analysis and project performance assessment, staff would likely recommend that these investments would be prioritized for inclusion in the **Transportation element** of the Plan.
- If **building levees to protect high-risk disadvantaged communities** (potentially suggested in Perspective Paper #7) supports the Guiding Principles across most futures, staff would likely recommend that this investment be prioritized in the **Resilience element** of the Plan.
- If **creation of urban reserves** identified in Perspective Paper #3 does not align with the Guiding Principles and results in adverse environmental impacts in the futures analysis, it may be **deprioritized** for consideration in *Plan Bay Area 2050*.

Refer to **Attachment B** for a high-level accounting of the primary *Horizon* deliverables that will feed into each element of *Plan Bay Area 2050* - Transportation, Land Use, Economic Development, and Resilience.

### **Ongoing Preparatory Activities for *Plan Bay Area 2050***

- **Call for Projects.** Project data for most major transportation investments have already been collected via *Horizon*, which not only updated major projects from *Plan Bay Area 2040* but allowed agencies, organizations, and the public at large to submit new projects with costs exceeding \$1 billion. Sponsors now have an opportunity to submit all remaining projects - which include new capacity-increasing transportation investments with costs less than \$1 billion as well as non-capacity investments via programmatic categories. Similar to past cycles, CTAs will coordinate with local jurisdictions and transit operators and conduct public outreach as they submit their project lists. The Call for Projects will stretch from late February through mid-June; more information is available in **Attachment C**.
- **Revenue & Needs Assessments.** In order to create a more comprehensive regional plan, staff will estimate revenues and needs for transportation, housing, and resilience, expanding beyond traditional transportation silos for *Plan Bay Area 2050*. Needs and revenue estimates will be complete by September 2019 in advance of the Preferred Plan development. For assessments related to transportation, staff will coordinate with county transportation agencies (CTAs), transit agencies, and local jurisdictions as needed, which will include upcoming presentations to appropriate Partnership working groups. Additional information on the Revenue and Needs Assessments can be found in **Attachment D**.
- **Regional Growth Forecast.** While forecasts of population, jobs, and housing (referred to as "control totals" in past Plan cycles) have already been developed for the three futures, staff has now begun meeting with technical experts on the forecasting methodology for *Plan Bay Area 2050* itself. This work will continue over the coming year, with a presentation to these committees and a public hearing on the proposed methodology expected prior to methodology adoption in June (as required by the MTC/ABAG settlement with BIA Bay Area).

- **Growth Framework Update.** As discussed at December committee meetings, staff has begun to discuss potential reforms to the Regional Growth Framework with key stakeholders. Proposed reforms based on the findings of *Horizon* Perspective Paper #3 will come to these committees for approval in the spring, with an opportunity for local jurisdictions to submit new growth areas (PDAs, PCAs, etc.) or modify existing ones through mid-summer. Additional information on the Growth Framework Update is available in **Attachment E**.

### Next Steps

After the completion of the *Horizon* planning process this fall, staff will begin development of the Preferred Plan. This will involve adopting *Plan* goals, integrating strategies from *Horizon* to optimize performance, releasing a Draft Preferred Plan by March 2020, and finalizing the Preferred Plan by June 2020. This will enable the CEQA process to be completed by the July 2021 deadline.



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Steve Heminger

### Attachments

- Attachment A: *Horizon/Plan Bay Area 2050* Schedule
- Attachment B: PowerPoint Presentation
- Attachment C: *Plan Bay Area 2050* - Call for Projects Approach and Overview
- Attachment D: *Plan Bay Area 2050* - Transit Operating Needs Data Request Guidance
- Attachment E: *Plan Bay Area 2050* - Growth Framework Update (Preview)

SH:dv

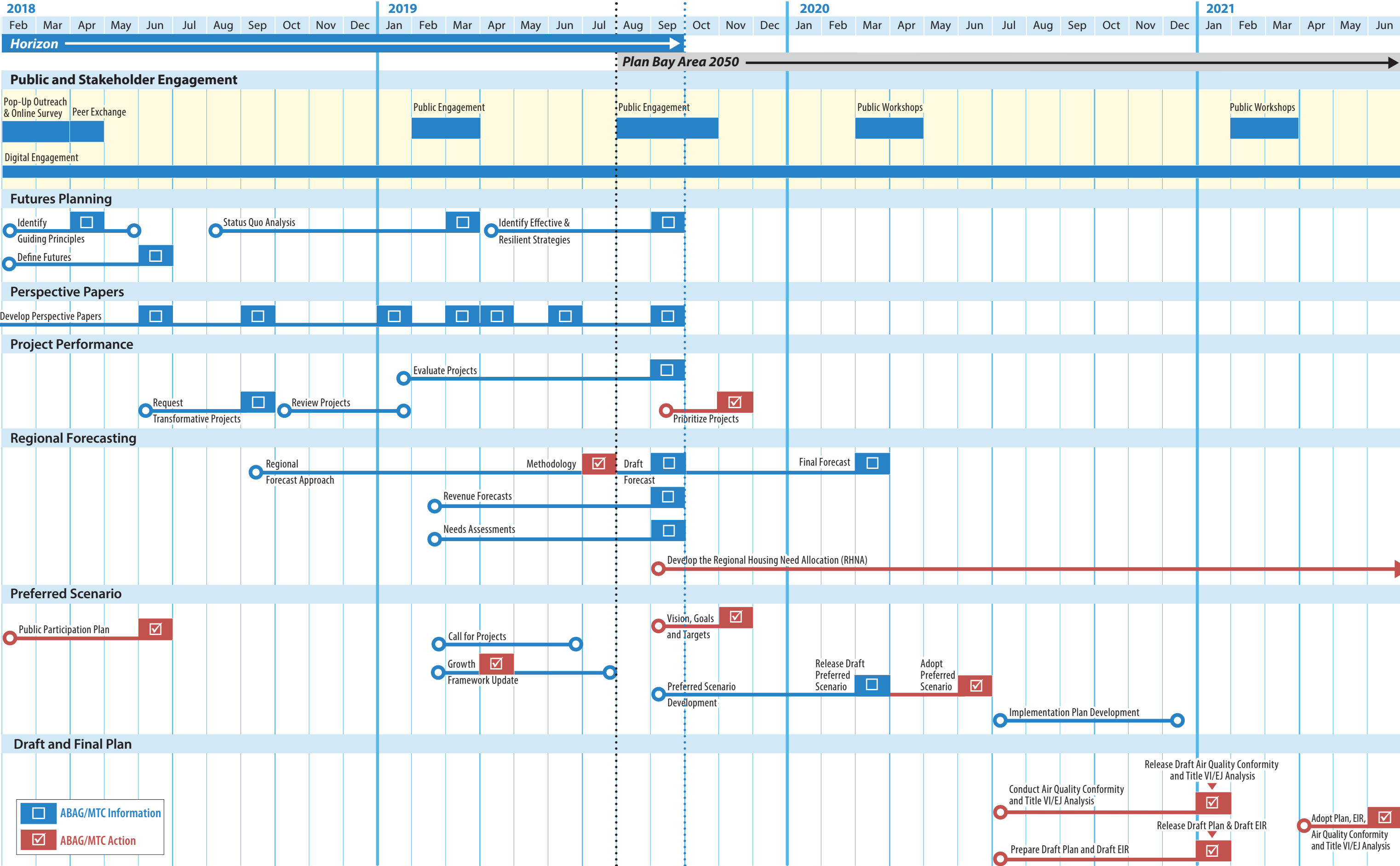
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Horizon and Plan Bay Area 2050 (RTP/SCS): Key Milestones 2018–2021

(Dates are tentative and subject to change.)

HORIZON

PLAN BAY AREA 2050



An isometric illustration of a winding road. Along the road are several signs: a target, a bar chart, a line graph with an upward arrow, three stars, a magnifying glass, and an envelope. At the end of the road are two checkered flags. The background is a green field with a few trees and a blue sky with clouds. The word 'HORIZON' is written in white capital letters on a blue banner at the top left.

H O R I Z O N

# 2019 Roadmap: From *Horizon* to *Plan Bay Area 2050*

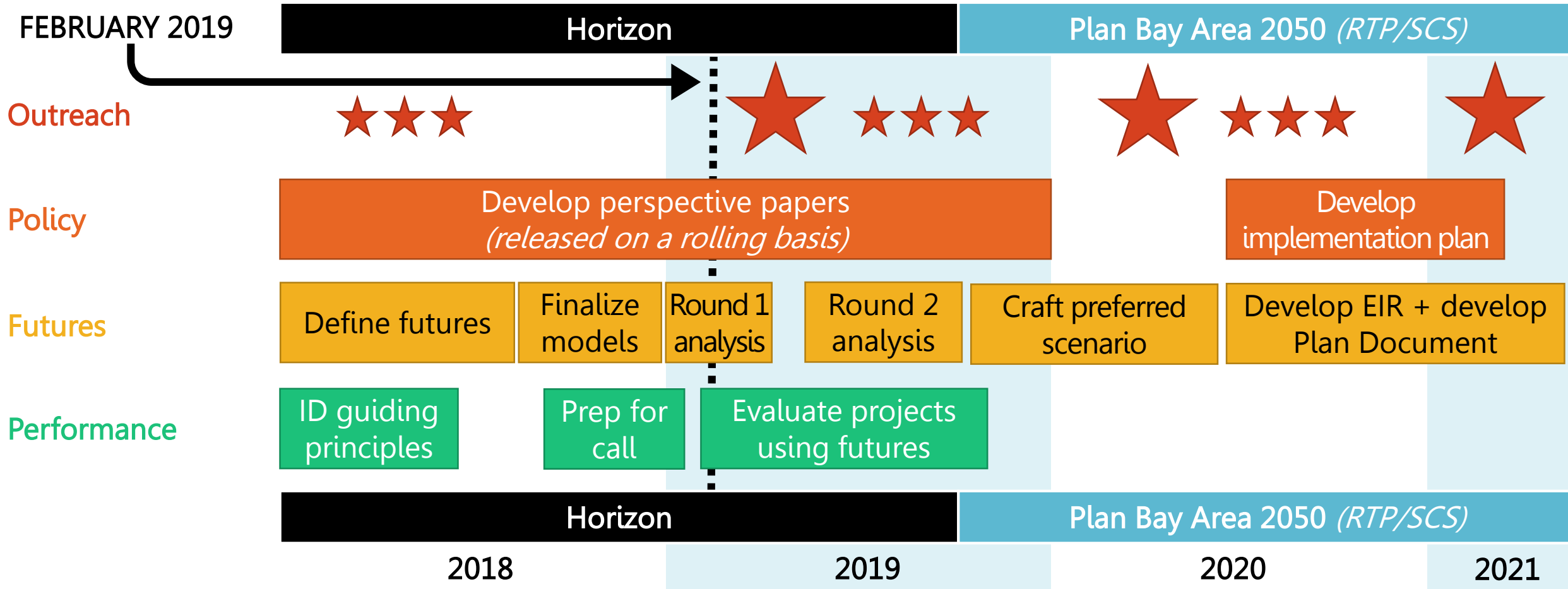
Dave Vautin and Adam Noelting, MTC/ABAG

Joint MTC Planning Committee with the ABAG Administrative Committee

February 8, 2019

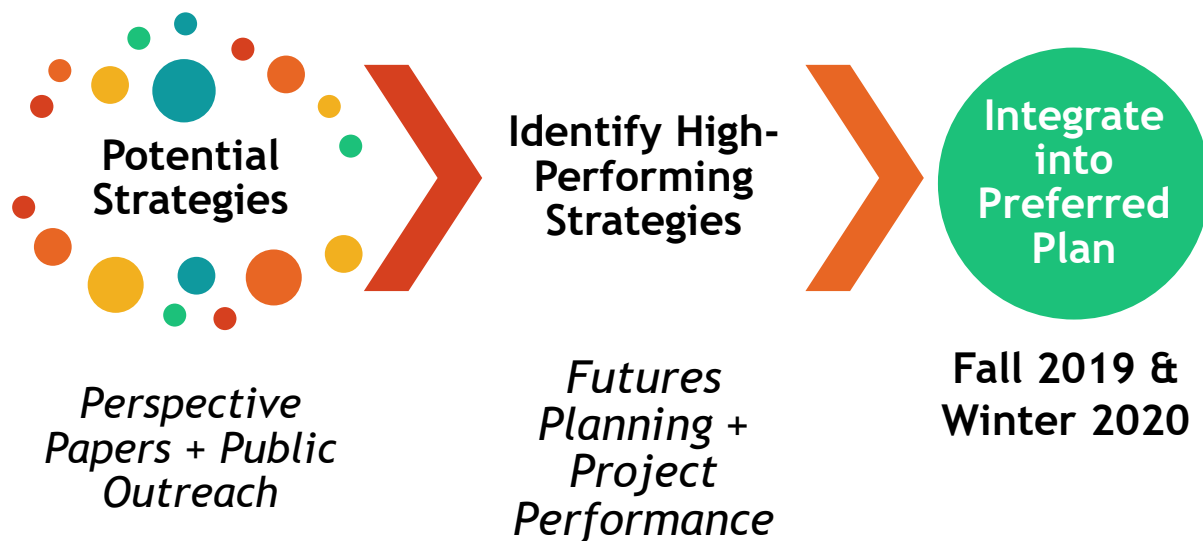


# Horizon and Plan Bay Area 2050 Schedule



# How Will Horizon Be Integrated Into Plan Bay Area 2050?

The purpose of Horizon is to identify strategies and projects that perform well under a wide range of conditions - **and to prioritize these resilient strategies in the fiscally-constrained Plan Bay Area 2050.**



Integrating Horizon & Plan Bay Area 2050





# Key Interim Milestone: March Workshops for Stakeholders & the Public

- To help us prioritize strategies to “stress test” in the futures, we will be holding a special super-RAWG meeting on **Monday, March 11 from 9:30 AM to 1:30 PM** in San Francisco.
- Participants will participate in the “**Improve-a-Future**” activity to think through what strategies would best address the unique challenges in each future.
- Evening & weekend public workshops will be held in **Petaluma, Oakland, and San Jose** in mid-March; these forums will be complemented by **seven CBO focus groups & online engagement**.





# Theoretical Example #1: Double Down on High- Capacity Transit Services

IF

This strategy is effective in advancing Guiding Principles across multiple futures, and...

Stakeholders and members of the public support inclusion in the Preferred Plan

THEN

High-performing projects of this type would be identified in Project Performance and recommended for inclusion





# Theoretical Example #2: Build Levees to Protect Vulnerable Communities

IF

This strategy is effective in advancing Guiding Principles across some or all futures, and...

Stakeholders and members of the public support inclusion in the Preferred Plan

THEN

These sea level rise investments would be recommended as priorities for inclusion in the Plan





# Theoretical Example #3: Create Urban Reserves to Increase Housing Supply

IF

This strategy is found to have both adverse environmental impacts and limited affordability benefits, and...

Stakeholders and members of the public remain concerned about the strategy

THEN

Other more-effective strategies to address affordability would likely be prioritized instead





## Outreach

## Outreach Feedback

- 1) Autonomous Vehicles
- 2) Toward a Shared Future
- 3) Regional Growth Strategies
- 4) Crossings
- 5) Future of Jobs
- 6) Governance
- 7) Sea Level Rise

Perspective  
Papers

- Challenges & Opportunities Report
- “Win-Win” Strategies Report



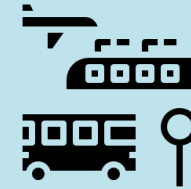
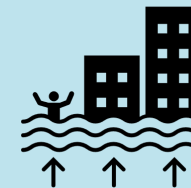
## Futures

## Project Performance Results

- Call for Projects
- Needs & Revenues (Transportation)
- Needs & Revenues (Housing)
- Needs & Revenues (Resilience)
- Growth Forecasts (Population, Jobs)
- Growth Framework (PDAs, etc.)

Project  
PerformancePlan  
Preparatory  
Work

- Plan Bay Area 2050
- Environmental Impact Report
- Implementation Plan

*Transportation**Land Use**Economic  
Development**Resilience*

- Regional Housing Needs Assessment (RHNA)



Outreach

Outreach Feedback

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Perspective  
Papers

Challenges &amp; Opportunities Report

"Win-Win" Strategies Report



Futures

Project  
Performance

Project Performance Results

Call for Projects

Needs &amp; Revenues (Transportation)

Needs &amp; Revenues (Housing)

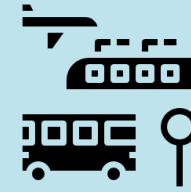
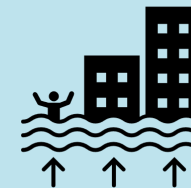
Needs &amp; Revenues (Resilience)

Growth Forecasts (Population, Jobs)

Growth Framework (PDAs, etc.)

Plan  
Preparatory  
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Outreach

## Outreach Feedback

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Futures

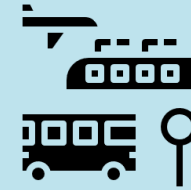
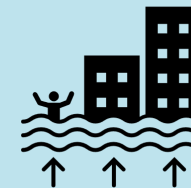
Project  
Performance

## Project Performance Results

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Needs & Revenues (Housing)  
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Outreach

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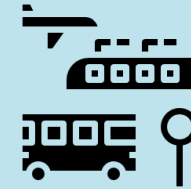
Futures

## Project Performance Results

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Outreach

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Papers

Challenges & Opportunities Report  
“Win-Win” Strategies Report



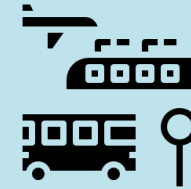
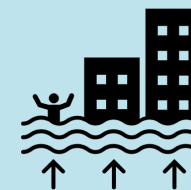
Futures

## Project Performance Results

Call for Projects  
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## Outreach

Outreach Feedback

Perspective  
Papers

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## Futures

Challenges &amp; Opportunities Report

"Win-Win" Strategies Report

Project  
Performance

Project Performance Results

Plan  
Preparatory  
Work

Call for Projects

Needs &amp; Revenues (Transportation)

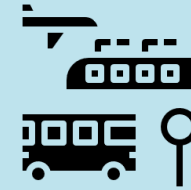
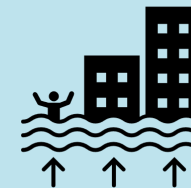
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*Transportation**Land Use**Economic  
Development**Resilience*

- Regional Housing Needs Assessment (RHNA)**

# Call for Projects

## Plan Bay Area 2050 Preparatory Work



- Building upon transformative project submissions from Horizon, the Call for Projects will collect project data for **all remaining transportation investments** seeking consideration in the fiscally-constrained Plan Bay Area 2050, including:
  - **New capacity-increasing projects less than \$1 billion**
  - **All non-capacity-increasing projects via programmatic categories**
- **County transportation agencies (CTAs)**, in coordination with local jurisdictions and transit agencies, will collect remaining projects' details via the Call for Projects; similar to past Plan cycles, public outreach will be conducted before board approval.

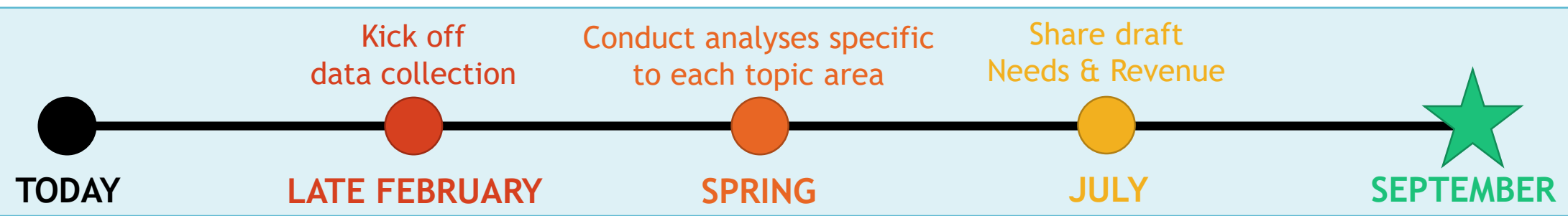


# Needs & Revenue Assessments

Plan Bay Area 2050  
Preparatory Work



- Needs assessments identify baseline financial needs, while revenue estimates ensure the Plan remains fiscally-constrained and grounded in reality.
- Staff proposes to estimate Needs and Revenue for the following categories:
  - Transportation (SGR: Roads, Highways, Bridges, Transit; Operations: Transit)
  - Housing (*integrate work from CASA*)
  - Resilience (Sea Level Rise; Earthquakes)
- Relevant **Partnership working groups will be engaged** on transportation topics such as state of good repair and transit operations. For example, transit operators will be asked to estimate future costs to maintain current services.



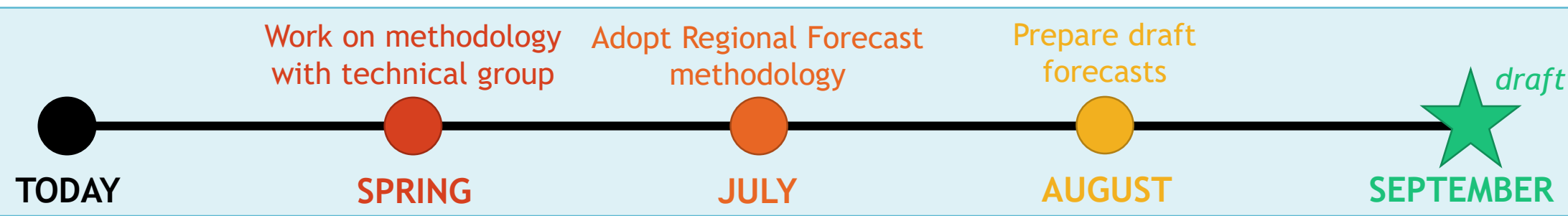
# Regional Growth Forecast

(Population, Jobs, Households)

*Plan Bay Area 2050*  
**Preparatory Work**



- Estimates of population, jobs, and households are used to develop the Preferred Plan; in past cycles, these regional forecasts were often referred to as “control totals”.
- MTC/ABAG’s settlement agreement requires the methodology for the Regional Growth Forecast **to be adopted prior to the EIR Notice of Preparation**.
- Staff will confer with the **technical advisory group** again in the months ahead on methodology refinements and the draft forecasts for Plan Bay Area 2050.
- The final forecast is slated to be locked down by **March 2020**.



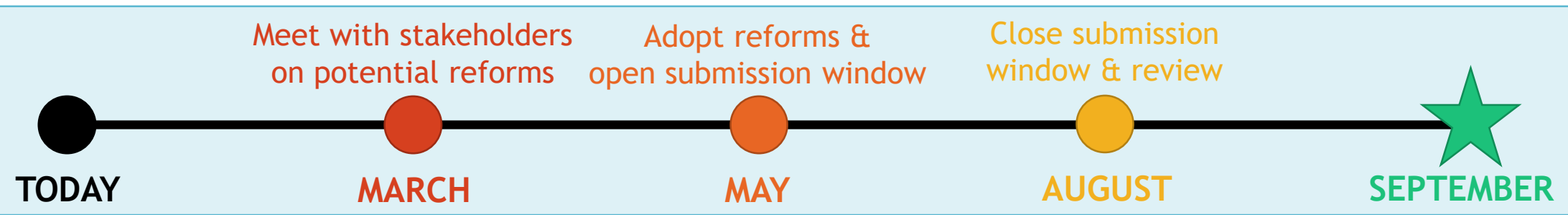
# Growth Framework Update

(PDAs, PCAs, PPAs, etc.)

*Plan Bay Area 2050*  
**Preparatory Work**



- As discussed at the December committee meetings, staff is working to identify **potential reforms to the Regional Growth Framework**, which may include expanding the growth footprint to transit-rich or high-resource communities beyond today's PDAs. These reforms are meant to **address shortcomings identified in Horizon Perspective Paper #3**.
- **Staff will meet with local jurisdictions and other key stakeholders** this winter and return to the committees in March, April, and May with a proposed package of reforms.
- **If local jurisdictions elect to identify or revise growth areas**, there will be a submission window between May and August to do so; draft guidance will be made available in early spring.



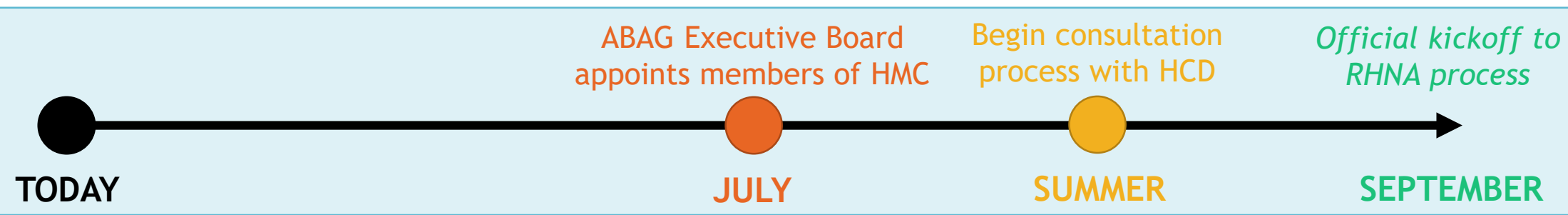


# Regional Housing Needs Allocation

(RHNA)



- To be developed in parallel with Plan Bay Area 2050, the RHNA process will begin in **fall 2019** and continue through **summer 2021**.
- **Recent legislation will affect the RHNA process this cycle**, with greater involvement from HCD in the process than in prior cycles and new requirements to affirmatively further fair housing.
- While the bulk of the RHNA process will occur in 2020, **major activities occurring in 2019 include:** initial meetings of the Housing Methodology Committee this fall and formation of subregions by January 2020.



# H O R I Z O N

## Questions?

*Feel free to contact MTC/ABAG staff with any follow-up questions:*

- Dave Vautin - [dvautin@bayareametro.gov](mailto:dvautin@bayareametro.gov)
- Adam Noelting - [anoelting@bayareametro.gov](mailto:anoelting@bayareametro.gov)

## ***Plan Bay Area 2050: Call for Projects Approach and Overview***

As the Bay Area begins to transition from *Horizon* to developing *Plan Bay Area 2050* (Plan), MTC/ABAG will request the assistance of each of the nine Bay Area County Transportation Agencies (CTAs) and multi-county project sponsors (e.g., Caltrans, BART, Caltrain) to coordinate the identification of candidate projects/programs for inclusion in the Plan.

The purpose of the *Plan Bay Area 2050* Call for Projects process is to assemble an array of capacity-expanding, regionally-significant projects and programmatic categories of smaller investments for prioritization in the region's long-range plan. The time horizon of the Plan extends to 2050. All regionally-significant projects requiring federal or state action (e.g. approval of environmental documents) should be submitted during the Call for Projects. The Call for Projects is a component of the region's long-range planning effort—projects are not awarded funds via this process.

The *Plan Bay Area 2050* Call for Projects will build upon *Plan Bay Area 2040* (adopted in 2017), the Bay Area's adopted *2019 Transportation Improvement Program*, and *Horizon's* Request for Transformative Projects.

Detailed information and guidance on the *Plan Bay Area 2050* Call for Projects will be released directly to CTAs and multi-county project sponsors in the coming weeks. The following is an overview of the proposed approach:

Overall	<ul style="list-style-type: none"><li>▪ Similar requirements to Plan Bay Area 2040</li><li>▪ Emphasis on identifying regionally-significant, capacity-increasing projects (projects exempt from air quality analysis will be grouped into programmatic categories)</li><li>▪ Continued encouragement for engagement with disadvantaged communities</li><li>▪ Greater integration to past and current initiatives<ul style="list-style-type: none"><li>○ Plan Bay Area 2040 major projects/programs</li><li>○ 2019 TIP funded projects/programs</li><li>○ Horizon Transformative Projects</li></ul></li></ul>	
<i>Specific Tasks</i>		
1. Timeline	<ul style="list-style-type: none"><li>▪ Late February 2019 - Kick-off Call for Projects</li><li>▪ February and March 2019 - MTC/ABAG staff meet with CTAs and multi-county project sponsors</li><li>▪ June 30, 2019 - official submittal deadline</li></ul>	
2. Identification of Candidate Projects & Programs	What to Submit	<p>Roadway: projects that extend or expand the Bay Area’s principal arterial system OR projects that widen roadways to a principal arterial.</p> <p>Transit: projects that extend or expand the Bay Area’s fixed guideway transit infrastructure (e.g., rail, ferry, BRT), service changes, or fleet expansions.</p>

		<p>Pricing: projects that alter the cost of users of the transportation system (e.g., cordon pricing, tolling, transit fares).</p> <p>Other projects/programs are exempt from air quality analysis and will be included by group listings (i.e., programmatic categories).</p>
	Project Funding Plans	PBA 2050 is required to be a fiscally constrained, meaning project costs cannot exceed forecasted revenues. Therefore, CTAs are asked to submit candidate projects/programs within an initial target of reasonably expected revenues.
	Cost Estimation & Review	Project/program costs should be escalated to the year of expenditure (YOE). MTC/ABAG staff has contracted for consultant assistance in reviewing and estimating major project costs for reasonableness.
	When to Submit	February - June 2019
3. Public Involvement & Outreach	Public Outreach	<p>An effective public outreach and local engagement process should update project information and identify new projects for consideration.</p> <ul style="list-style-type: none"> <li>▪ Hold at least 1 public meeting;</li> <li>▪ Document the process; and,</li> <li>▪ CTAs and multi-county project sponsors should follow best practices as identified in MTC's adopted Public Participation Plan.</li> </ul>
	Agency Coordination	CTAs and multi-county project sponsors should work with local jurisdictions, transit operators, etc. to coordinate on the development of their list of candidate projects/programs.
	Title VI Responsibilities	CTAs and multi-county project sponsors should be proactive in engaging with disadvantaged communities and ensure the public outreach process is in compliance with Title VI of the Civil Rights Act of 1964 as described in MTC's adopted Public Participation Plan.
	Official Submittal	<p>The following items should be sent to MTC as part of the official submittal by <b>June 30, 2019</b>:</p> <ul style="list-style-type: none"> <li>▪ Official list of candidate projects/programs;</li> <li>▪ Public engagement checklist documenting the process; and</li> <li>▪ Board resolution and agenda materials.</li> </ul>

## **Plan Bay Area 2050: Transit Operating Needs Data Request Guidance**

In order to accurately reflect the transit operating and maintenance levels, costs and revenues in Plan Bay Area 2050, MTC staff will be collecting information from transit operators for the period from Fiscal Year (FY) 2018-19 to FY 2049-50. MTC will work directly with transit operators to update information on transit operators' operating needs and revenues. County transportation agencies (CTAs) should expect to play a supporting role should transit operators serving their county call on the CTA for assistance.

Detailed information, an Excel template, and guidance on the PBA 2050 Transit Operating Needs Assessment will be released directly to transit agencies in February 2018. The following is an overview of the proposed approach:

Overall	<ul style="list-style-type: none"> <li>▪ As with Plan Bay Area 2040, Transit Operating Needs Assessment should only include data on an operator's existing service levels and the projected costs of operating that service in future years.</li> <li>▪ Only committed projects which add additional service should be included in the Transit Operating Needs Assessment <ul style="list-style-type: none"> <li>○ For example, SMART would include service levels and costs associated with the Larkspur extension by reflecting the change in service levels and costs in the first year of operation of the extension.</li> </ul> </li> <li>▪ Consistent with federal regulations, PBA 2050 must demonstrate that existing transit service levels and operations are fully funded for the duration of the Plan period. Should there be a projected shortfall for an individual operator, after including regionally projected operating revenue sources (see below), MTC will work with the operator to address the funding shortfall before adoption of the Plan.</li> </ul>
Timeline	<ul style="list-style-type: none"> <li>▪ Mid-February 2019, Release of Transit Operating Needs Assessment</li> <li>▪ MTC staff are available to assist transit operators throughout the process.</li> <li>▪ <b>May 17, 2019, Transit Operating Needs Assessments are Due</b></li> </ul>
Requested Information	<ul style="list-style-type: none"> <li>▪ Projected costs to operate at existing service levels over the period of the Plan. <ul style="list-style-type: none"> <li>○ Planned service increases not associated with a committed capital project or an already approved/legislated and funded increase in service should not be included in the Needs Assessment.</li> </ul> </li> <li>▪ Projected costs and service levels associated with planned, committed projects.</li> <li>▪ Projected revenue from local sources to be used for transit operations. <ul style="list-style-type: none"> <li>○ Include revenue from all sources apart from the following regionally projected operating sources: State Transit Assistance (STA), Transportation Development Act Local Transportation Fund (TDA LTF), State of Good Repair (SGR) Program, Low Carbon Transit Operation Program (LCTOP), Federal Transit Administration (FTA) funds used for preventative maintenance.</li> <li>○ Please include expected Regional Measure 2 or other bridge toll operating contributions.</li> </ul> </li> </ul>



## ***Plan Bay Area 2050: Growth Framework Update (Preview)***

### **Background**

In March, staff will present an initial proposal for an update to the Bay Area's regional growth framework to ABAG & MTC committees and stakeholders. The current regional growth framework seeks to focus growth in **Priority Development Areas (PDAs)** - places within walking distance of public transit identified by local governments for new housing - and to permanently protect **Priority Conservation Areas** - natural habitat, farmland and regional parks and trails identified by cities and open space districts. This framework shaped the development pattern and distribution of funding in *Plan Bay Area* (2013) and *Plan Bay Area 2040* (2017).

### **Perspective Paper #3**

The recently completed *Regional Growth Strategies* Perspective Paper for *Horizon* analyzed implementation of the current framework. The paper identified a number of successes, including local adoption of nearly 200 PDAs and a dramatic increase in the share of new housing permitted in PDAs. At the same time, significant shortcomings were identified, including:

- Inconsistencies between PDA Program criteria and required transit service in select PDAs
- Inconsistencies between PDA Program criteria and land use planning in select PDAs
- Exclusion of many transit-rich places from the framework
- Exclusion of many high-resource communities from the framework (e.g., places with good schools, low crime, easy access to parks and other amenities)
- Lack of guidelines related to hazard planning and adaptation (sea level rise, earthquakes, etc.)

### **Potential Revisions to be Released in March**

The proposed update to the regional growth framework update will continue to promote focused growth around transit and open space preservation. However, potential reforms could result in an expanded range of places prioritized for new housing and jobs, strengthened incentives to adopt plans supportive of regional goals, improved technical assistance tailored to the needs of different kinds of PDAs, and requirements that all PDAs meet program criteria. The update will also work to better integrate priorities that emerged in *Plan Bay Area 2040* and *Horizon*, such as equity and resilience.

In addition to sustaining the current PCA program, the updated growth framework will propose including **Priority Production Areas (PPAs)** for the first time - industrial and light-industrial areas that sustain the region's economy and offer middle-wage jobs.

### **What's Next?**

The regional growth framework update process will involve:

- **Spring:** development and adoption of updated PDA, PCA, and PPA guidelines
- **Summer:** time period for local jurisdictions to designate or update existing designations of priority areas
- **Fall:** integrating the priority areas into the Preferred *Plan Bay Area 2050*



# Metropolitan Transportation Commission

## Legislation Details (With Text)

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**File #:** 19-0013      **Version:** 1      **Name:**  
**Type:** Report      **Status:** Informational  
**File created:** 1/2/2019      **In control:** Regional Advisory Working Group  
**On agenda:** 2/5/2019      **Final action:**  
**Title:** Vital Signs: Equity Update

Summary of the latest updates from Vital Signs, MTC / ABAG's comprehensive performance monitoring initiative. Preview of key findings from recent data updates to equity indicators.

**Sponsors:****Indexes:****Code sections:**

**Attachments:** [4 Vital Signs\\_Equity Update.pdf](#)

Date	Ver.	Action By	Action	Result
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**Subject:**

Vital Signs: Equity Update

Summary of the latest updates from Vital Signs, MTC / ABAG's comprehensive performance monitoring initiative. Preview of key findings from recent data updates to equity indicators.

**Presenter:**

Raleigh McCoy, MTC / ABAG

**Recommended Action:**

Information

**Attachments:**

METROPOLITAN TRANSPORTATION COMMISSION

ASSOCIATION OF BAY AREA GOVERNMENTS

## M E M O R A N D U M



### **Agenda Item 4**

TO: Regional Advisory Working Group

DATE: February 1, 2019

FR: Raleigh McCoy, MTC / ABAG

RE: Vital Signs: Equity Update

Regional Advisory Working Group Agenda Item 4, Vital Signs: Equity Update, is attached. This report will be presented to this month's Joint MTC Planning Committee with the ABAG Administrative Committee, which will meet on February 8, 2019.

Staff will be at your February 5 meeting to discuss Vital Signs: Equity Update and the Working Group's input is requested.

### **Attachment**

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## Memorandum

TO: Joint MTC Planning Committee with the  
ABAG Administrative Committee

DATE: February 1, 2019

FR: Executive Director

RE: Vital Signs: Equity Update

### Background

The Vital Signs performance monitoring initiative was a key implementation action of the original Plan Bay Area in 2013, allowing residents to track trends for 41 indicators related to transportation, land & people, the economy, the environment, and equity. To date, more than 84,000 users have visited the Vital Signs website, with traffic increasing by 25 percent between 2017 and 2018. Managed by MTC and ABAG, Vital Signs involves close cooperation with other project partners, including the Bay Area Air Quality Management District, the Bay Conservation and Development Commission, and the Bay Area Regional Collaborative.

In February 2019, five of the six Vital Signs equity indicators will be updated with the latest data, with the updated data scheduled for release on the Vital Signs website in early 2019. The sixth equity indicator, life expectancy, will be updated when new data is available.

### Key Findings for 2017: Jobs by Wage Level

- *The number of high-wage jobs in the region dipped between 2016 and 2017.* While the largest number of jobs in the Bay Area are in high-wage occupations, the gap between the number of high-wage and low-wage workers narrowed in 2017. The number of high-wage jobs in the region decreased by around 12,000 in 2017, while the region added around 9,000 low-wage jobs.
- *Middle-wage job numbers remain stagnant, despite overall growth in the number of jobs.* Middle-wage jobs are widely seen as a gateway to economic opportunity for those without a college degree or specialized training. The number of middle-wage jobs in the region has hovered around 800,000 for the past few years, despite growth in low- and high-wage employment numbers.

### Key Findings for 2017: Poverty

- *The regional poverty rate is at an all-time low.* Less than one in five Bay Area residents are living in poverty, the lowest share since at least 1980, the first year for which data is available.
- *Poverty in coastal, inland and delta communities is increasing.* While the largest share of people in poverty in the Bay Area live in the region's three largest cities, the share of residents in poverty living in smaller cities and towns has grown. In 2000, 44 percent of people in poverty lived in the three largest cities, falling to 39 percent in 2017. Meanwhile, poverty rates have increased in inland communities like San Leandro and Rohnert Park and communities along the delta such as Oakley and Antioch.

### Key Findings for 2017: Housing Affordability

- *Housing affordability is a challenge for many low- and middle-income households.* Roughly one in three Bay Area households is excessively-burdened by housing costs. Perhaps unsurprisingly, this share is much higher for households earning less than \$50,000 per year. However, 40 percent of households earning between \$50,000 and \$75,000 and 25 percent of households earning between \$75,000 and \$100,000 remain excessively-burdened, suggesting that affordability is a problem for many middle-income households.
- *A larger share of renters struggles with housing affordability, though the gap between renters and owners varies by county.* Across the region, 30 percent of renter households are excessively-burdened, compared to 23 percent of owner households. At the county level, the disparity between cost-burden for renters and owners can be even greater, with over 40 percent of renters households in the counties of the North Bay considered excessively-burdened compared to 23 percent of owner households. The gap is smallest in San Francisco, where high rents have likely priced out many lower-income renters.

### Key Findings for 2017: Displacement Risk

- *The share of lower-income residents at risk of displacement peaked in 2017.* The share of lower-income residents at risk of displacement grew by two percentage points each year between 2015 and 2017 to reach an all-time high of 42 percent.
- *Displacement risk is no longer just a problem for the region's more urban counties.* Historically, displacement risk has largely not affected lower-income households in Napa, Solano, Sonoma, and Contra Costa counties, with less than 5 percent of lower-income households in these counties at risk of displacement in 1990. By 2017, displacement risk in each of these counties was within five percentage points of the regional average.

### Key Findings for 2015: Migration

- *The number of people moving from Southern California and other states to the Bay Area has grown in recent years.* In 2011 and 2012, more Bay Area residents moved to the San Diego area than made the opposite move, a trend that was reversed in 2013. The Bay Area now has positive net migration with the San Diego and Los Angeles metro areas. Similarly, 2015 was the first year in which more residents of other states moved to the Bay Area than made the opposite move.
- *2015 was the first year where more residents moved from the East Bay to the North Bay than made the opposite move.* The East Bay has traditionally represented a more affordable destination for those priced out of more expensive counties. However, migration data suggest that high housing costs may now be affecting the East Bay. In 2015, more East Bay residents moved to the North Bay than made the opposite move, potentially due to East Bay residents seeking less expensive housing in places like Solano County.



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Steve Heminger

### Attachment:

- Presentation

SH:rm



**FEBRUARY 8, 2019**

EQUITY UPDATE

JOINT MTC PLANNING COMMITTEE WITH THE  
ABAG ADMINISTRATIVE COMMITTEE



MTC

ABAG

BAAQMD

BCDC

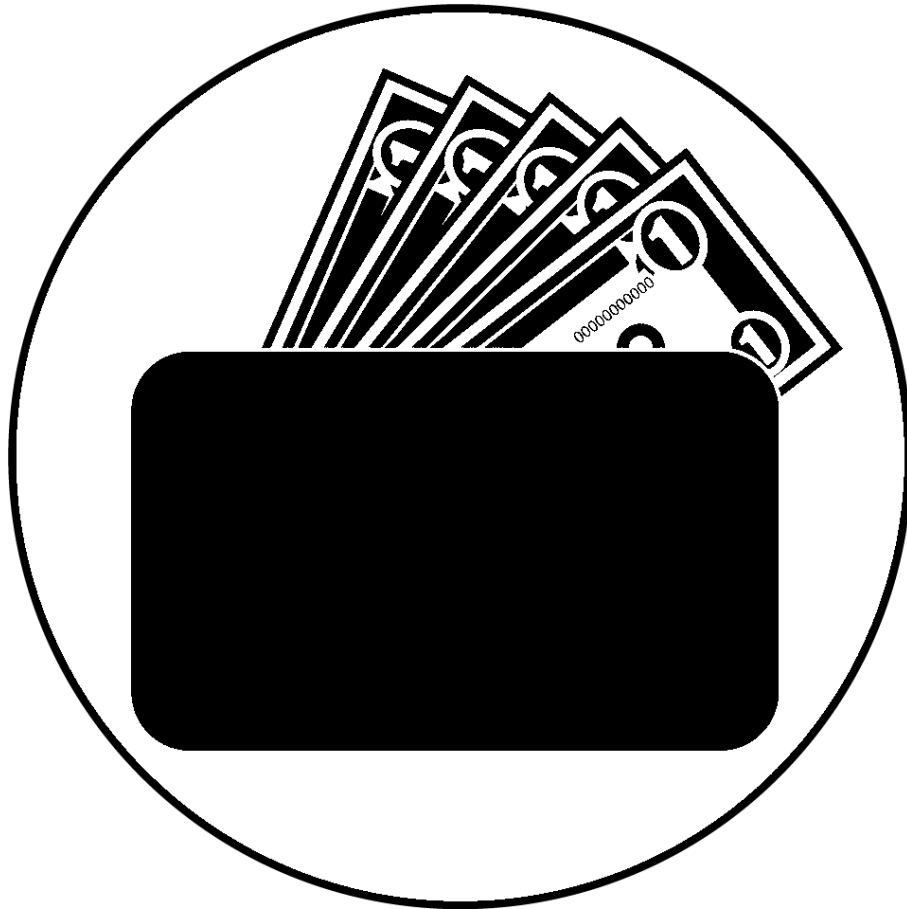
BARC





**Today's presentation will focus on findings from the Vital Signs equity indicators.**





## JOBS BY WAGE LEVEL

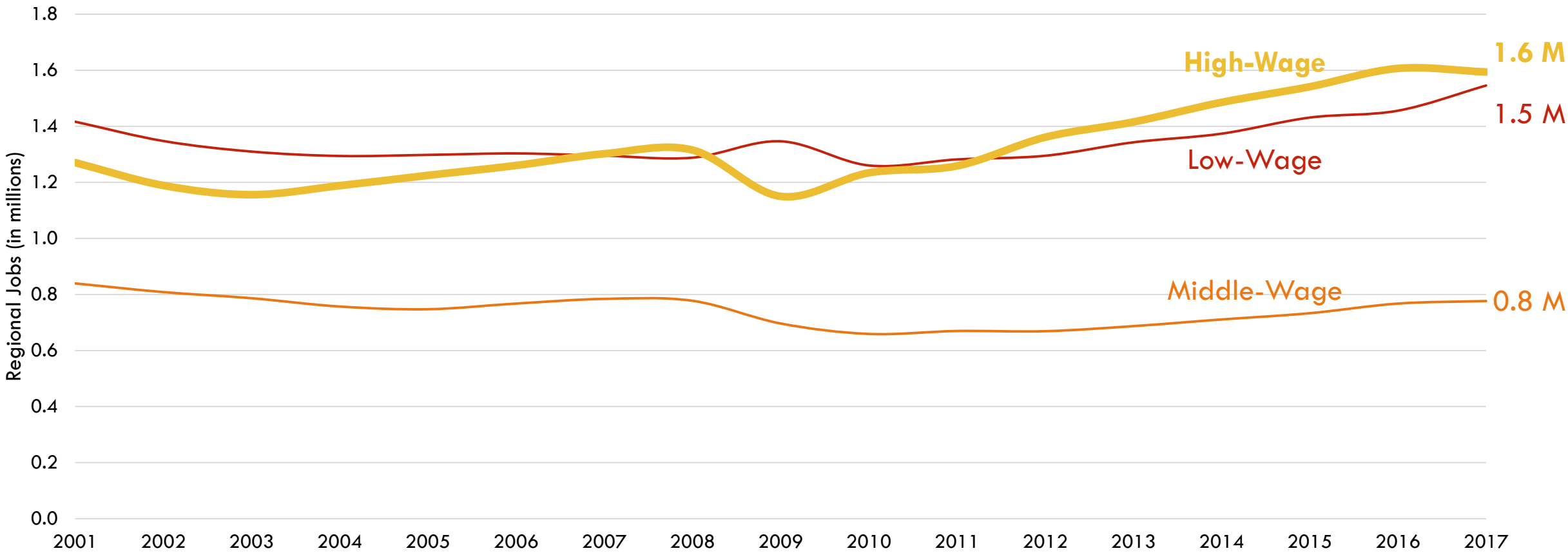
**Indicator definition:** the number of jobs in low-, middle-, and high-wage occupations



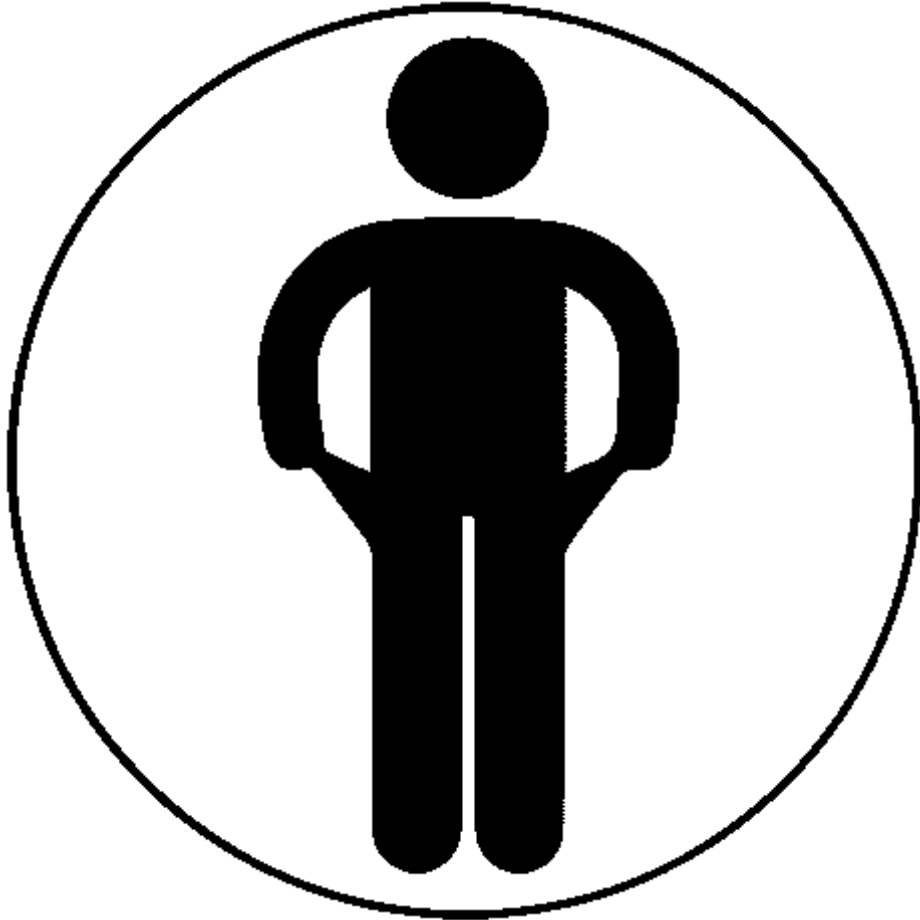
REGIONAL PERFORMANCE

The number of high-wage jobs in the Bay Area dipped between 2016 and 2017, while low-wage work increased.

REGIONAL JOBS BY WAGE LEVEL



Sources: Employment Development Department; U.S. Census Bureau/American Community Survey, 2017



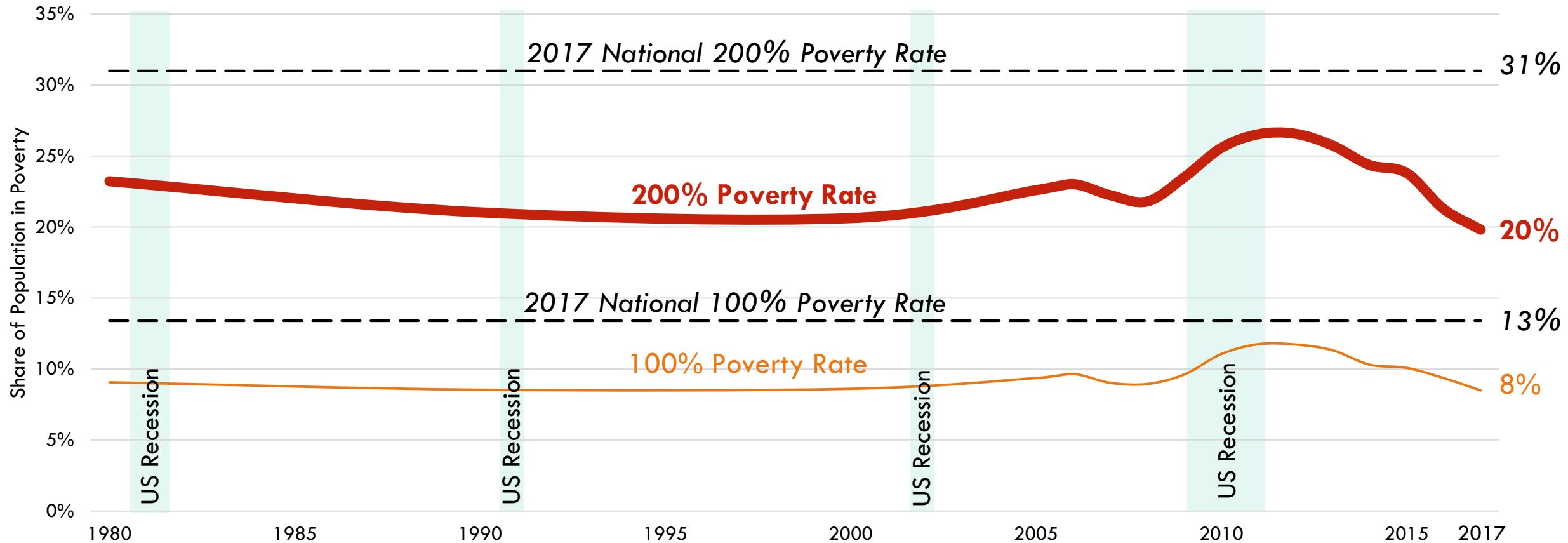
## POVERTY

**Indicator definition:** the number of people living in households earning less than twice the national poverty measure

## REGIONAL PERFORMANCE

**The regional poverty rate is at the lowest it has been in almost four decades.**

## REGIONAL SHARE OF POPULATION IN POVERTY

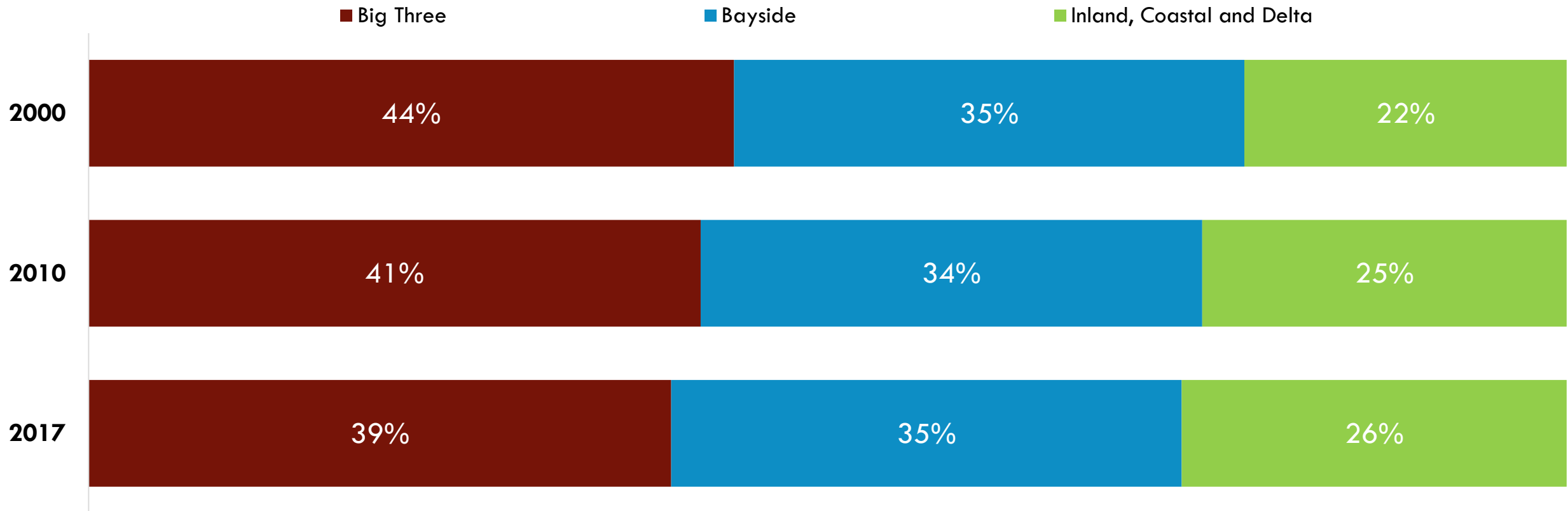




## LOCAL FOCUS

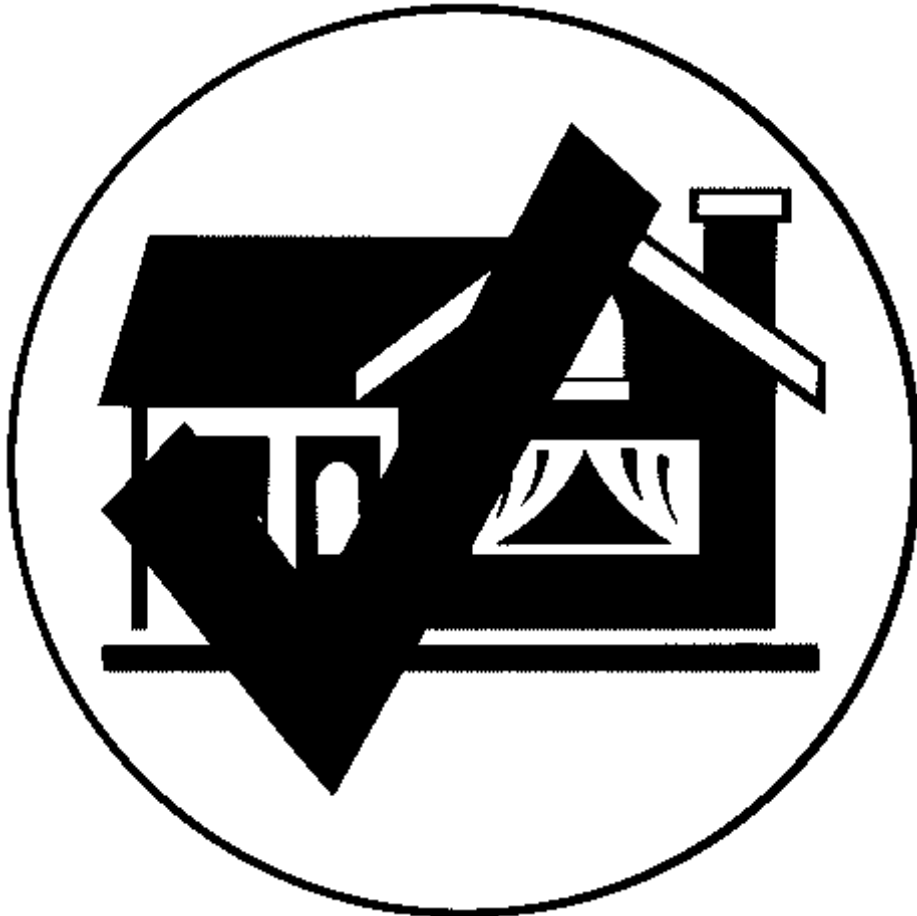
**The share of people living in poverty in the three largest cities has declined, due in part to displacement of lower-income households.**

## GEOGRAPHIC DISTRIBUTION OF HOUSEHOLDS IN POVERTY



Source: U.S. Census Bureau/American Community Survey

Note: poverty is defined as living below twice the national poverty level



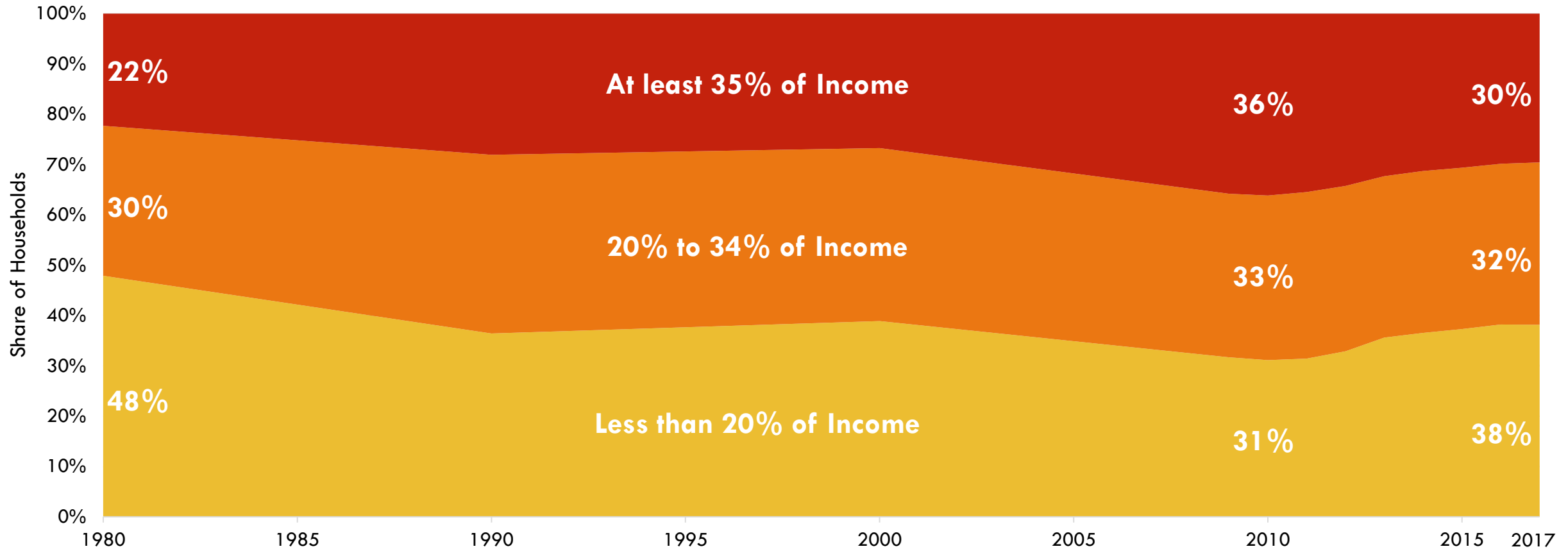
## HOUSING AFFORDABILITY

**Indicator definition:** households are considered excessively-burdened by housing costs if they spend 35% or more of their income on housing

## REGIONAL PERFORMANCE

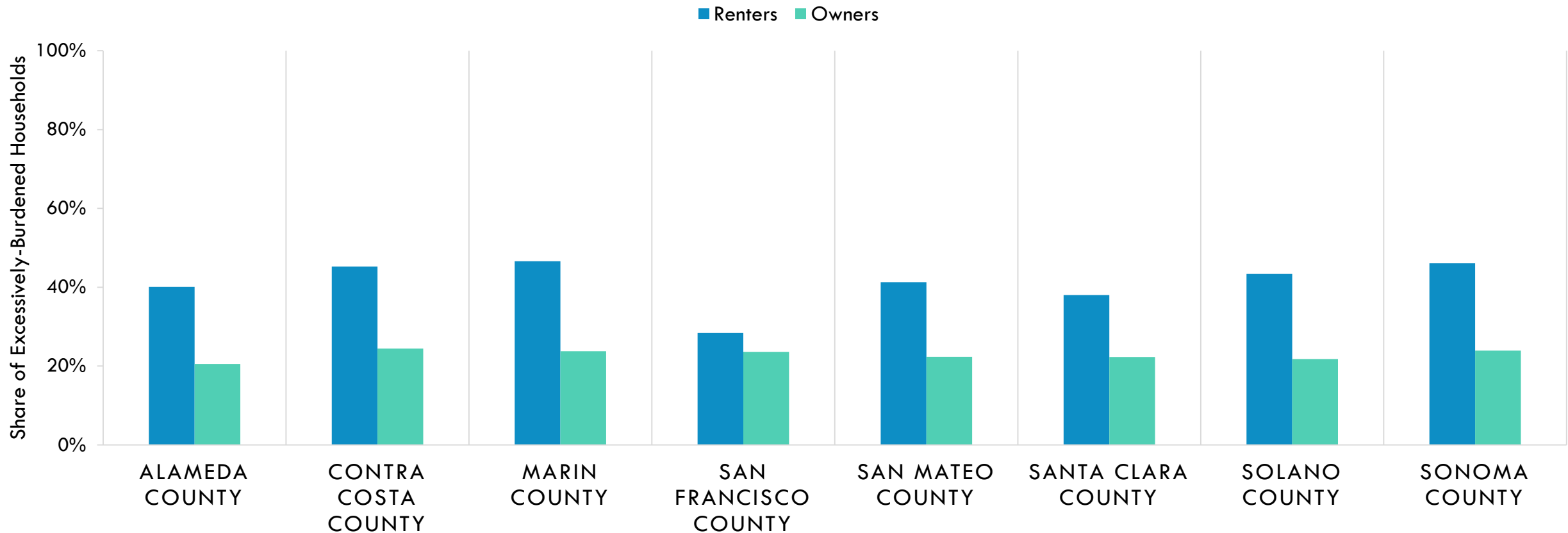
**Housing affordability has worsened over time, but the region's economic recovery has resulted in progress since 2010.**

## SHARE OF HOUSEHOLD INCOME SPENT ON HOUSING



## LOCAL FOCUS

**San Francisco shows the smallest disparity between the share of excessively-burdened renter and owner households.**

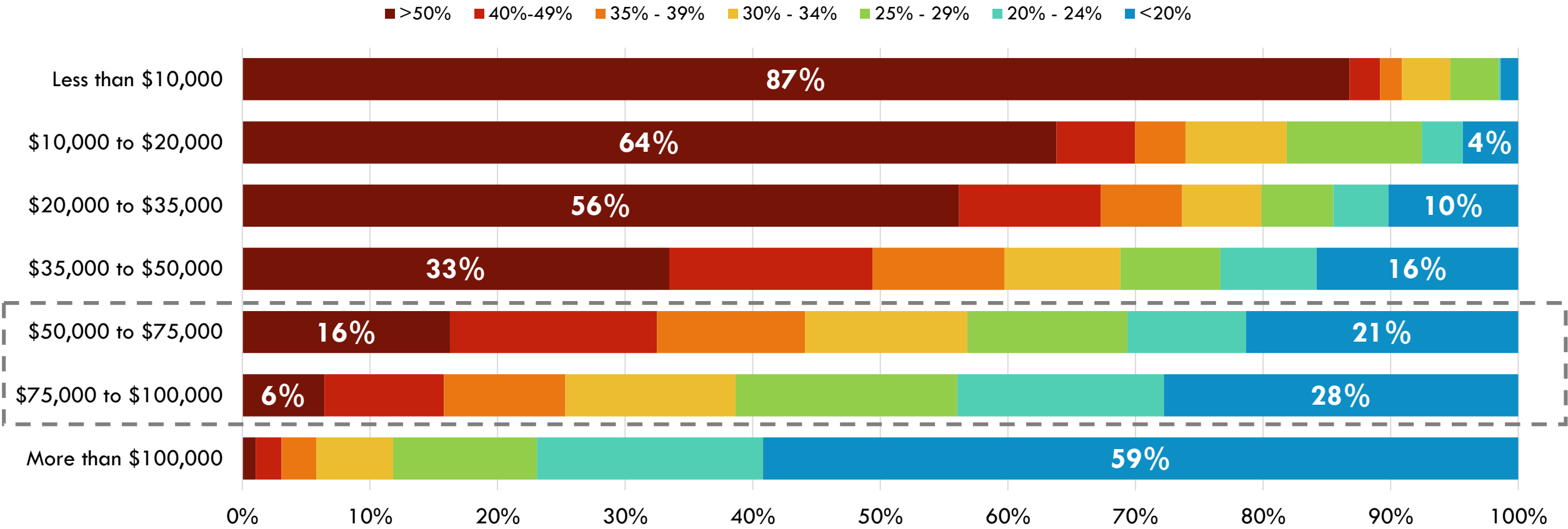
**2017 SHARE OF EXCESSIVELY-BURDENED HOUSEHOLDS BY COUNTY**



REGIONAL PERFORMANCE

# Housing affordability remains a challenge even for middle-income households.

2017 SHARE OF INCOME SPENT ON HOUSING BY HOUSEHOLD INCOME LEVEL







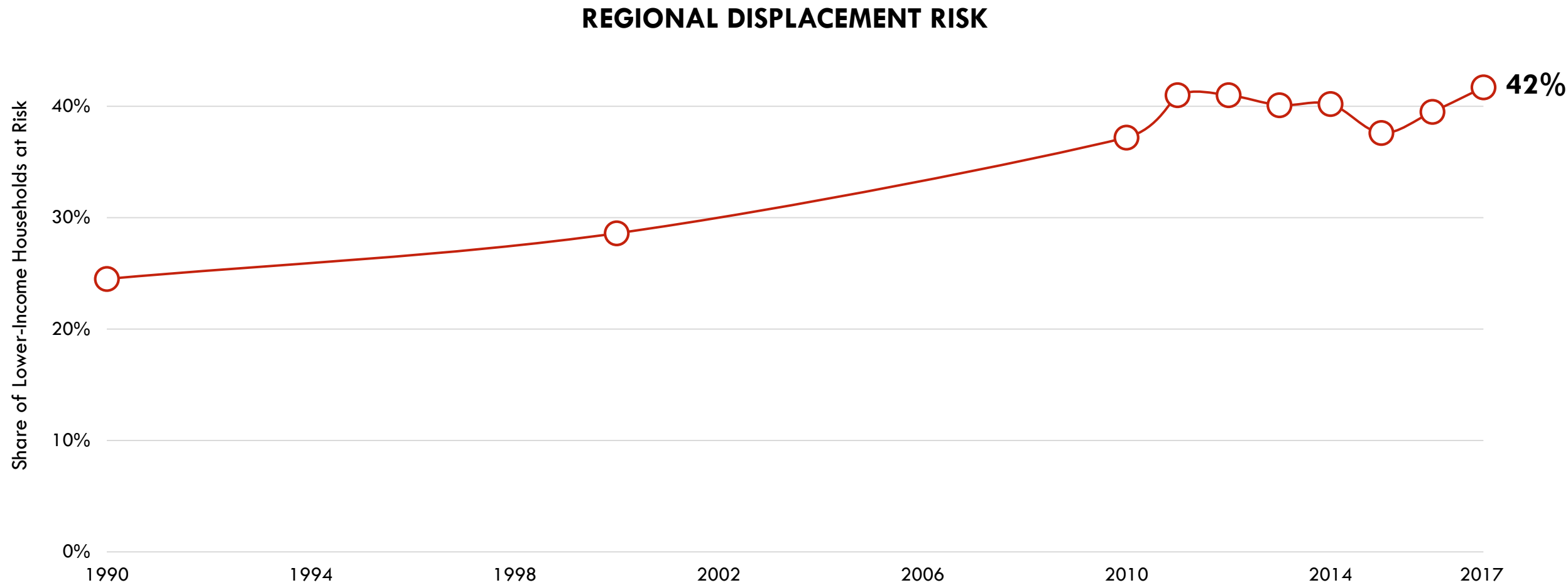
## DISPLACEMENT RISK

**Indicator definition:** the share of lower-income households in census tracts that are designated as “at risk” of displacement



REGIONAL PERFORMANCE

The share of lower-income households at risk of displacement peaked in 2017.

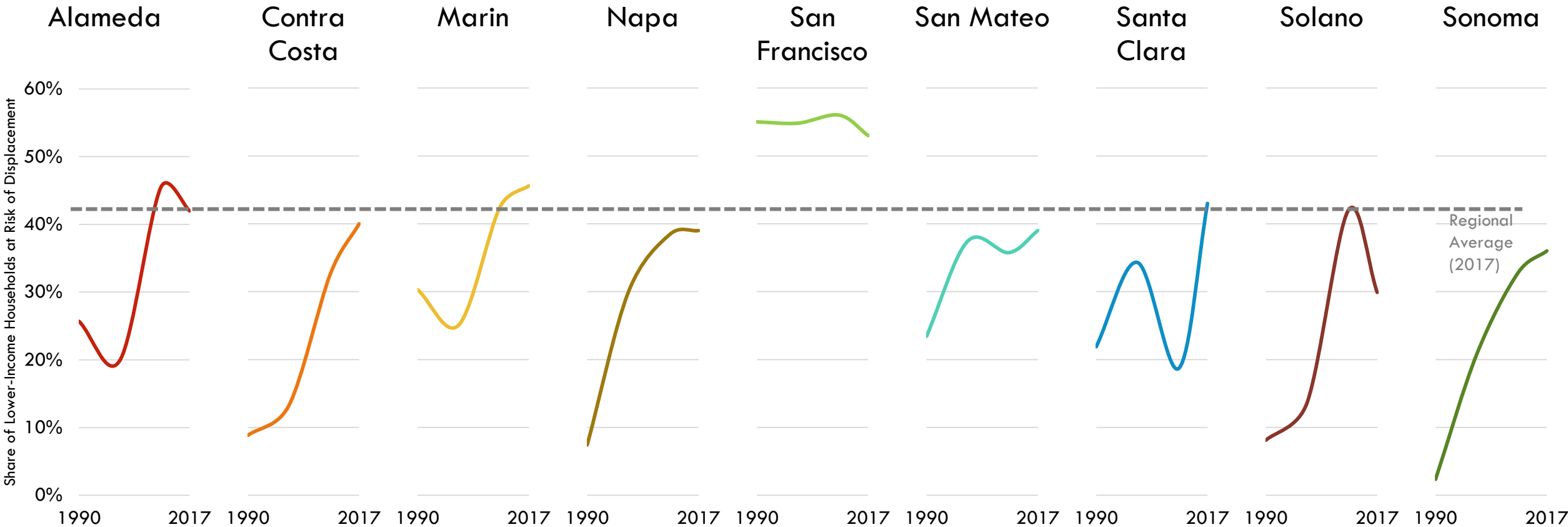




LOCAL FOCUS

**Displacement risk has increased dramatically in the counties of the North Bay and East Bay.**

HISTORICAL TREND FOR DISPLACEMENT RISK



Source: U.S. Census Bureau/American Community Survey; note that recent data relies upon 5-year rolling averages; data for 1990, 2000, 2010, and 2017 only shown for simplicity.



## MIGRATION

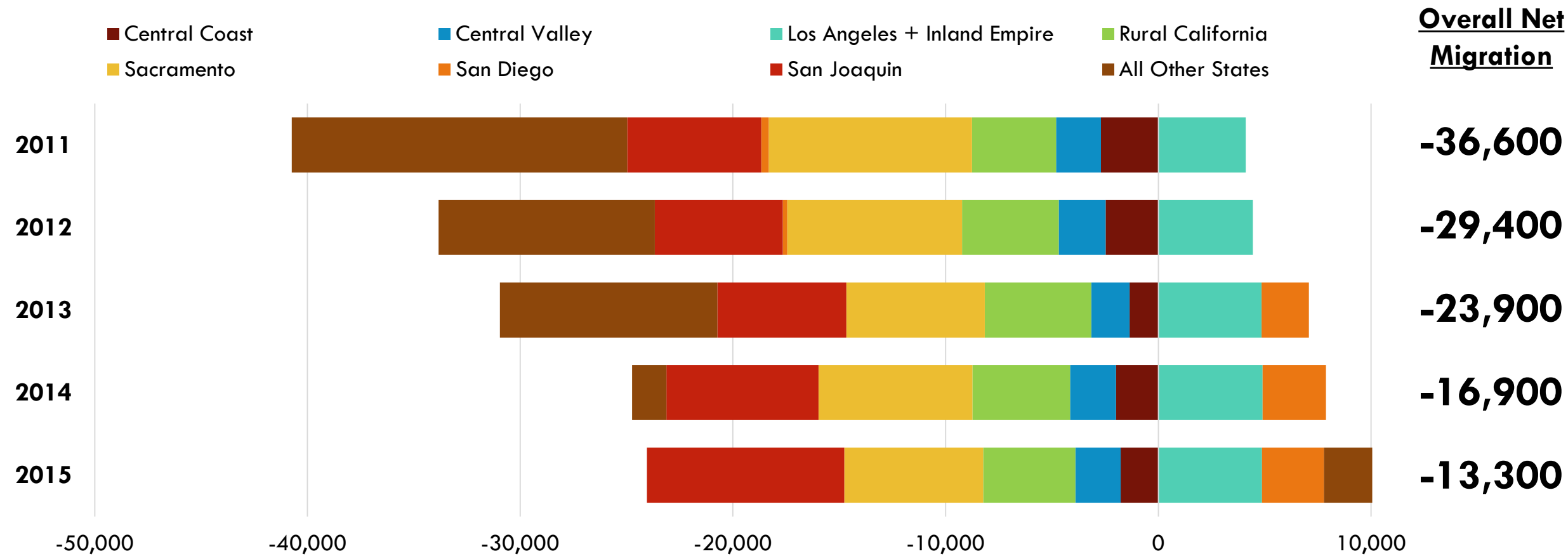
**Indicator definition:** the flow of people within the Bay Area and between the Bay Area and other counties



REGIONAL PERFORMANCE

2015 was the first year in at least four years in which the Bay Area had net positive migration from other states.

NET REGIONAL MIGRATION – DOMESTIC ONLY



Sources: American Community Survey/U.S. Census Bureau – County-to-County Migration Data; note that data relies upon 5-year rolling averages; emigration data not available



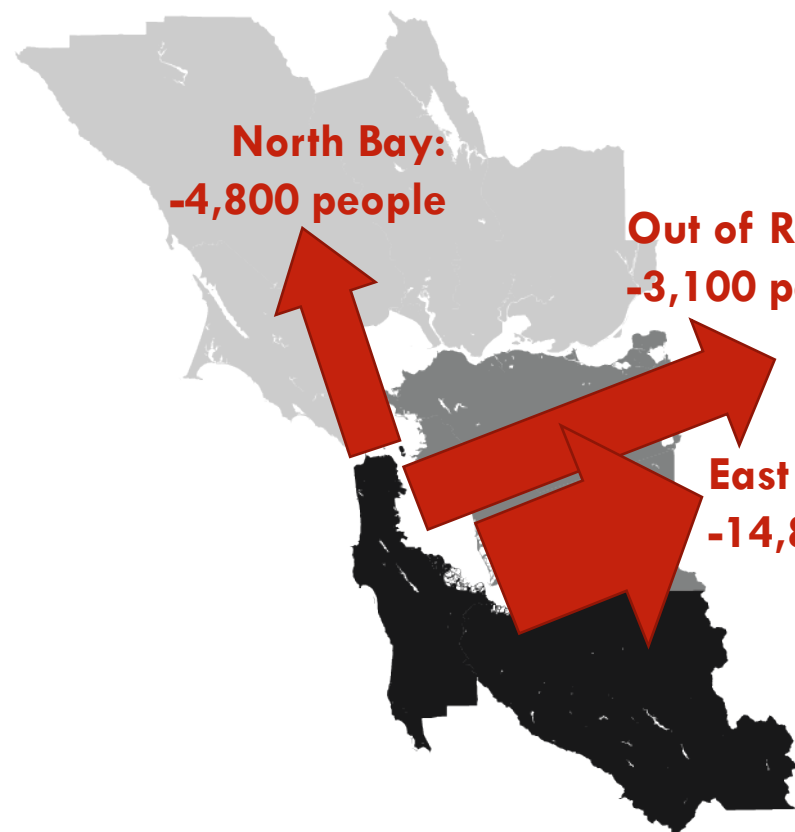


## LOCAL FOCUS

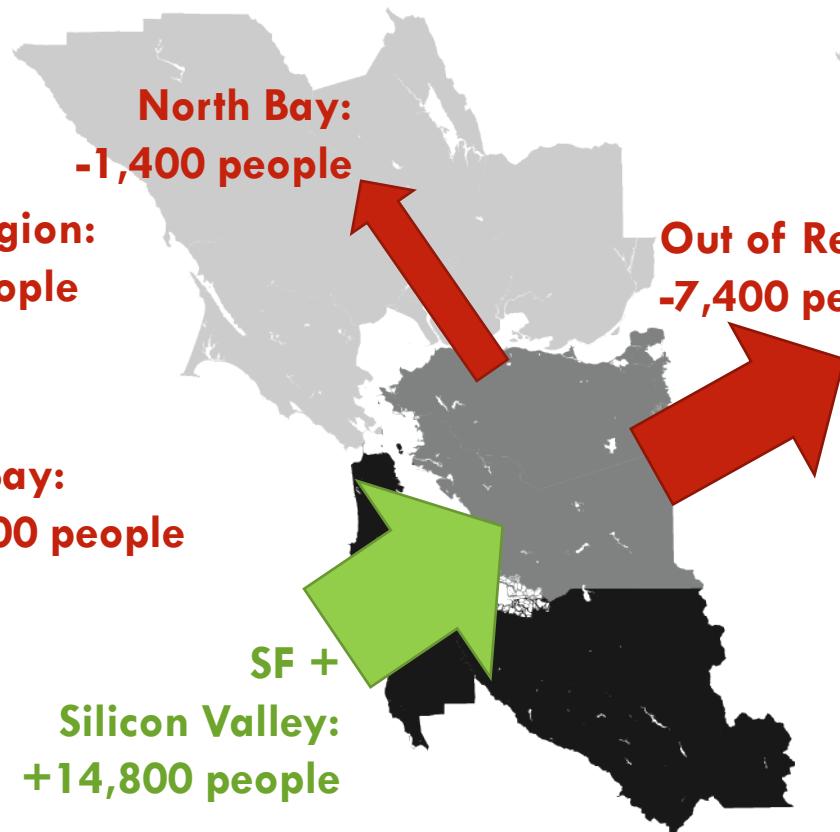
**West Bay residents seek cheaper housing in the East Bay, driving East Bay residents north in search of cheaper housing.**

2015 NET MIGRATION BY SUBREGION

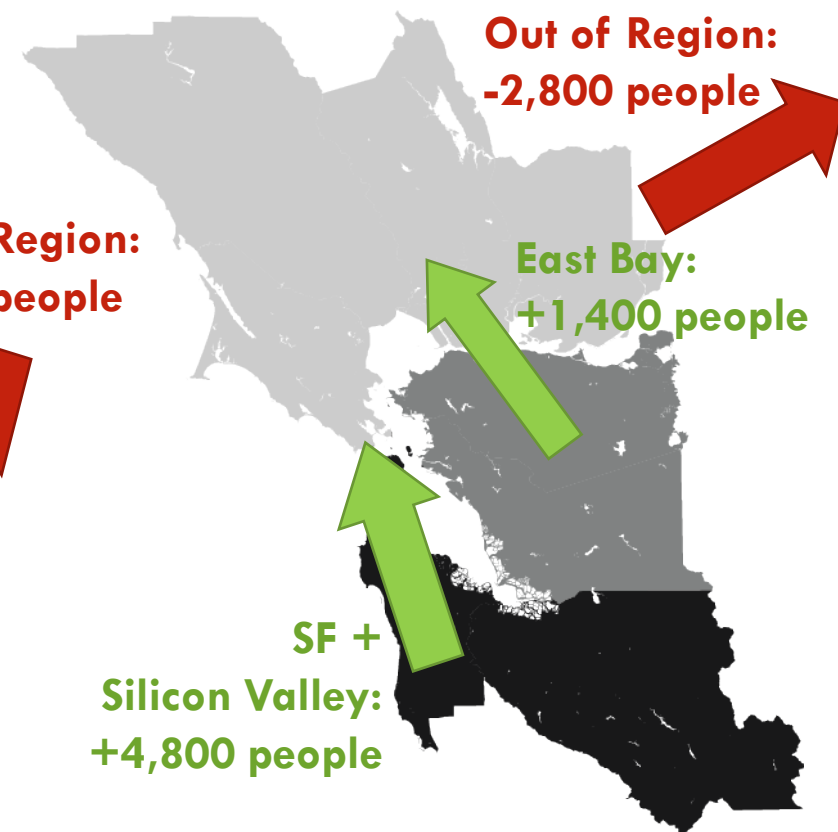
## SAN FRANCISCO + SILICON VALLEY



## EAST BAY



## NORTH BAY



# QUESTIONS?

Raleigh McCoy

Assistant Planner, MTC/ABAG

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