



375 Beale Street
Suite 700
San Francisco, California
94105

Meeting Agenda - Final

ABAG Regional Planning Committee

Chair, Julie Combs, Councilmember, City of Santa Rosa
Vice Chair, Karen Mitchoff, Supervisor, County of Contra Costa

Wednesday, February 6, 2019

1:00 PM

Yerba Buena - 1st Floor

Association of Bay Area Governments Regional Planning Committee

The ABAG Regional Planning Committee may act on any item on the agenda.

The meeting is scheduled to begin at 1:00 p.m.

Agenda, roster, and webcast available at <http://abag.ca.gov>.

For information, contact Clerk of the Board at (415) 820-7913.

1. Call to Order / Roll Call / Confirm Quorum

2. Public Comment

Information

3. Committee Announcements

Information

4. Chair's Report

Information

5. Session Overview

Information

6. Approval of ABAG Regional Planning Committee Minutes of January 10, 2019

[19-0105](#)

Approval of ABAG Regional Planning Committee Minutes of January 10, 2019

Action:

Approval

Presenter:

Clerk of the Board

Attachments:

[Item 06 Minutes 20190110 Draft.pdf](#)

7. Report on Horizon: Perspective Paper #3: Regional Growth Strategies

[19-0106](#) Report on Horizon: Perspective Paper #3: Regional Growth Strategies

Action: Information

Presenter: Mark Shorett

Attachments: [Item 07 Memo Regional Growth Strategies Perspective Paper RPC.pdf](#)
[Item 07 PPT_Perspective Paper 3_Regional Growth Strategies RPC.pdf](#)

8. Report on Horizon: Perspective Paper #5: The Future of Jobs

[19-0107](#) Report on Horizon: Perspective Paper #5: The Future of Jobs

Action: Information

Presenter: Aksel Olsen

Attachments: [Item 08 Memo Perspective Paper 5 Preview Future of Jobs RPC.pdf](#)
[Item 08 PPT_Perspective Paper 5_Preview_Future of Jobs_v4.pdf](#)

9. Report on 2019 Roadmap: From Horizon to Plan Bay Area 2050

[19-0108](#) Report on 2019 Roadmap: From Horizon to Plan Bay Area 2050

Action: Information

Presenter: Dave Vautin

Attachments: [Item 09 Memo RoadmapToPBA50_DRAFT vRPC.pdf](#)
[Item 09 Attachment A_Horizon_PBA50_Schedule.pdf](#)
[Item 09 Attachment B_RoadmapToPBA50_RPC.pdf](#)
[Item 09 Attachment C_Call for Projects_v2.pdf](#)
[Item 09 Attachment D_NeedsAssessment_v3.pdf](#)
[Item 09 Attachment E_Growth Framework Update_v2.pdf](#)

10. Adjournment / Next Meeting

The next regular meeting of the ABAG Regional Planning Committee is on April 3, 2019.

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) for public review for at least one year.

Accessibility and Title VI: MTC provides services/accommodations upon request to persons with disabilities and individuals who are limited-English proficient who wish to address Commission matters. For accommodations or translations assistance, please call 415.778.6757 or 415.778.6769 for TDD/TTY. We require three working days' notice to accommodate your request.

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.

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)

File #: 19-0105 **Version:** 1 **Name:**
Type: Minutes **Status:** Committee Approval
File created: 1/29/2019 **In control:** ABAG Regional Planning Committee
On agenda: 2/6/2019 **Final action:**
Title: Approval of ABAG Regional Planning Committee Minutes of January 10, 2019
Sponsors:
Indexes:
Code sections:
Attachments: [Item 06 Minutes 20190110 Draft.pdf](#)

Date	Ver.	Action By	Action	Result
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Approval of ABAG Regional Planning Committee Minutes of January 10, 2019
Clerk of the Board
Approval



375 Beale Street
Suite 700
San Francisco, California
94105

Meeting Minutes - Draft

ABAG Regional Planning Committee

Chair, Julie Combs, Councilmember, City of Santa Rosa
Vice Chair, Karen Mitchoff, Supervisor, County of Contra Costa

Thursday, January 10, 2019

1:00 PM

Yerba Buena - 1st Floor

Association of Bay Area Governments Regional Planning Committee

Special Meeting

The ABAG Regional Planning Committee may act on any item on the agenda.

The meeting is scheduled to begin at 1:00 p.m.

Agenda, roster, and webcast available at <http://abag.ca.gov/meetings>.

For information, contact Clerk of the Board at (415) 820-7913.

1. Call to Order / Pledge of Allegiance / Roll Call / Confirm Quorum

Vice Chair Combs called the meeting to order at about 1:04 p.m. Quorum was present.

Present: 19 - Boucher, Brown, Cha, Chang, Chavez, Combs, Dillon, Eklund, Engelmann, Haggerty, Hancock, Mitchoff, Pierce, Regan, Rice, Romero, Savay, Sedgley, and Terplan

Absent: 9 - Bogue, Campos, Canepa, Jones, Miley, Rabbitt, Ross, Spering, and Wilson

2. Public Comment

There was no public comment.

3. Committee Announcements

There were no committee member announcements.

4. Election of Committee Chair and Vice Chair

Vice Chair Combs opened the floor for nominations for Committee Chair. Haggerty nominated and Romero seconded Combs for Committee Chair. There were no other nominations. Nominations for Committee Chair was closed. Combs was elected Committee Chair unanimously by the following vote: Boucher, Brown, Cha, Chang, Combs, Dillon, Eklund, Engelman, Haggerty, Hancock, Mitchoff, Pierce, Regan, Rice, Romeo, Savay, Sedgley.

Chair Combs opened the floor for nominations for Committee Vice Chair. Haggerty nominated and Pierce seconded Mitchoff for Committee Chair. There were no other nominations. Nominations for Committee Vice Chair was closed. Mitchoff was elected Committee Vice Chair unanimously by the following vote: Boucher, Brown, Cha, Chang, Combs, Dillon, Eklund, Engelman, Haggerty, Hancock, Mitchoff, Pierce, Regan, Rice, Romeo, Savay, Sedgley.

5. Chair's Report

There was no Chair's Report.

Terplan joined the meeting at about 1:10 p.m.

6. Session Overview

Heminger gave the Session Overview.

7. Approval of Minutes

Upon the motion by Haggerty and second by Pierce, the minutes of the meeting on October 3, 2018 was approved. The motion passed unanimously by the following vote:

Aye: 18 - Boucher, Brown, Cha, Chang, Combs, Dillon, Eklund, Engelman, Haggerty, Hancock, Mitchoff, Pierce, Regan, Rice, Romero, Savay, Sedgley, and Terplan

Absent: 10 - Bogue, Campos, Canepa, Chavez, Jones, Miley, Rabbitt, Ross, Sperring, and Wilson

[18-1146](#)

Approval of Regional Planning Committee Minutes of Meeting on October 3, 2018

8. Report on CASA Compact

Kirkey gave the staff report. Members commented on the CASA Compact. Staff will prepare summary of comments.

Chavez joined the meeting at about 1:37 p.m.

[18-1147](#)

Report on Committee to House the Bay Area (CASA) Compact

9. Adjournment / Next Meeting

Chair Combs adjourned the meeting at about 3:03 p.m.

The next regular meeting of the ABAG Regional Planning Committee is on February 6, 2019.



Metropolitan Transportation Commission

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Legislation Details (With Text)

File #: 19-0106 **Version:** 1 **Name:**

Type: Report **Status:** Informational

File created: 1/29/2019 **In control:** ABAG Regional Planning Committee

On agenda: 2/6/2019 **Final action:**

Title: Report on Horizon: Perspective Paper #3: Regional Growth Strategies

Sponsors:

Indexes:

Code sections:

Attachments: [Item 07 Memo Regional Growth Strategies Perspective Paper RPC.pdf](#)
[Item 07 PPT Perspective Paper 3 Regional Growth Strategies RPC.pdf](#)

Date	Ver.	Action By	Action	Result
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Report on Horizon: Perspective Paper #3: Regional Growth Strategies
Mark Shorett
Information

M E M O R A N D U M



TO: ABAG Regional Planning Committee
FR: Executive Director
RE: Horizon: Perspective Paper #3 - Regional Growth Strategies

DATE: February 1, 2019

Summary

At its February meeting, staff will provide the ABAG Regional Planning Committee (RPC) with an overview of the third *Horizon* Perspective Paper - *Regional Growth Strategies*. The paper considers successes and shortcomings of the Bay Area's current regional growth framework, which aims to focus new housing and jobs in Priority Development Areas (PDAs) while preserving Priority Conservation Areas (PCAs). The paper also identifies potential strategies for refining the current growth framework, building on the successes of the current framework while addressing its challenges.

Work to Date: Regional Growth Framework Analysis & Potential Framework Options

In October, staff presented preliminary findings from an analysis of progress toward implementing the current regional growth framework. Key findings from that work include:

- **The Bay Area is trending toward focused growth in PDAs, but it is not on pace to provide the level of housing in Plan Bay Area 2040.** Furthermore, the region continues to fall far short of meeting the needs of low- and moderate-income households.
- **While more residents are riding transit, walking, and biking, vehicle miles traveled remain stubbornly high.** This threatens our ability to meet our greenhouse gas reduction targets.
- **A significant share of PDAs do not meet the criteria of the PDA program.** One in four PDAs are not well-served by transit that meets program guidelines.
- **The current growth framework excludes many locations that could help the region meet its targets.** Roughly half of all land with high-quality transit service is not currently designated a PDA.
- **New regional challenges have emerged since the inception of the current framework.** Issues such as growing environmental hazards and displacement of lower-income residents point to the need for a more holistic framework.

At the October Joint Committee meeting, staff also presented three potential options for a future growth framework: *Double Down on PDAs*, *PDAs Plus*, and *Clean Slate* (now entitled *Expanded Footprint*). Intended to spur discussion, the options offer divergent approaches to meeting the region's full housing needs, focusing job growth, and significantly reducing GHG emissions.


Potential Regional Growth Strategies

A presentation will offer for Committee feedback a preliminary set of strategies intended to advance one or more of the Framework options while supporting the *Horizon* Guiding Principles. Key strategies are shown in the table below.

All Options	Double Down on PDAs	PDAs Plus	Expanded Footprint
<ul style="list-style-type: none"> - Integrate regional growth framework into local General Plans - Expand OBAG3 funding & align criteria more closely with housing outcomes - Invest in infrastructure, schools, and services in growth areas - Establish a regional housing enterprise to increase protection, production and preservation of affordable housing 	<ul style="list-style-type: none"> - Allow transit-supportive densities in all PDAs, paired with design standards and affordable housing protection, preservation, and production strategies - Implement regional employment location policy supported by incentives to balance the location of job and housing growth - Invest higher levels of transportation funding to provide all PDAs sufficient transit service 	<ul style="list-style-type: none"> - Create guidelines for expanded range of priority areas - Support local implementation through expanded PDA planning program - Transform aging shopping centers and large public sites into mixed-income neighborhoods with 1000+ homes 	<ul style="list-style-type: none"> - Strategically adjust urban limit lines to meet future housing needs while achieving environmental performance standards - Streamline permitting and mitigation process to maximize regional ecological benefit and minimize uncertainty - Provide funding for new infrastructure, including transit and shared mobility services, to serve new mixed-income communities with 10,000+ homes

Next Steps

Key strategies included in the final *Regional Growth Strategies Perspective Paper* will be tested across a series of divergent futures ("what if..." planning scenarios). The strategies will provide the basis for developing an updated Regional Growth Framework in Spring 2019 for discussion with committees, local staff and elected officials, and stakeholders. The updated framework will shape the Preferred *Plan Bay Area 2050*, as well the *Plan's* policies and investments. Staff will continue to coordinate with the related CASA effort.



Steve Heminger



H O R I Z O N

Regional Growth Strategies

Horizon Perspective Paper #3

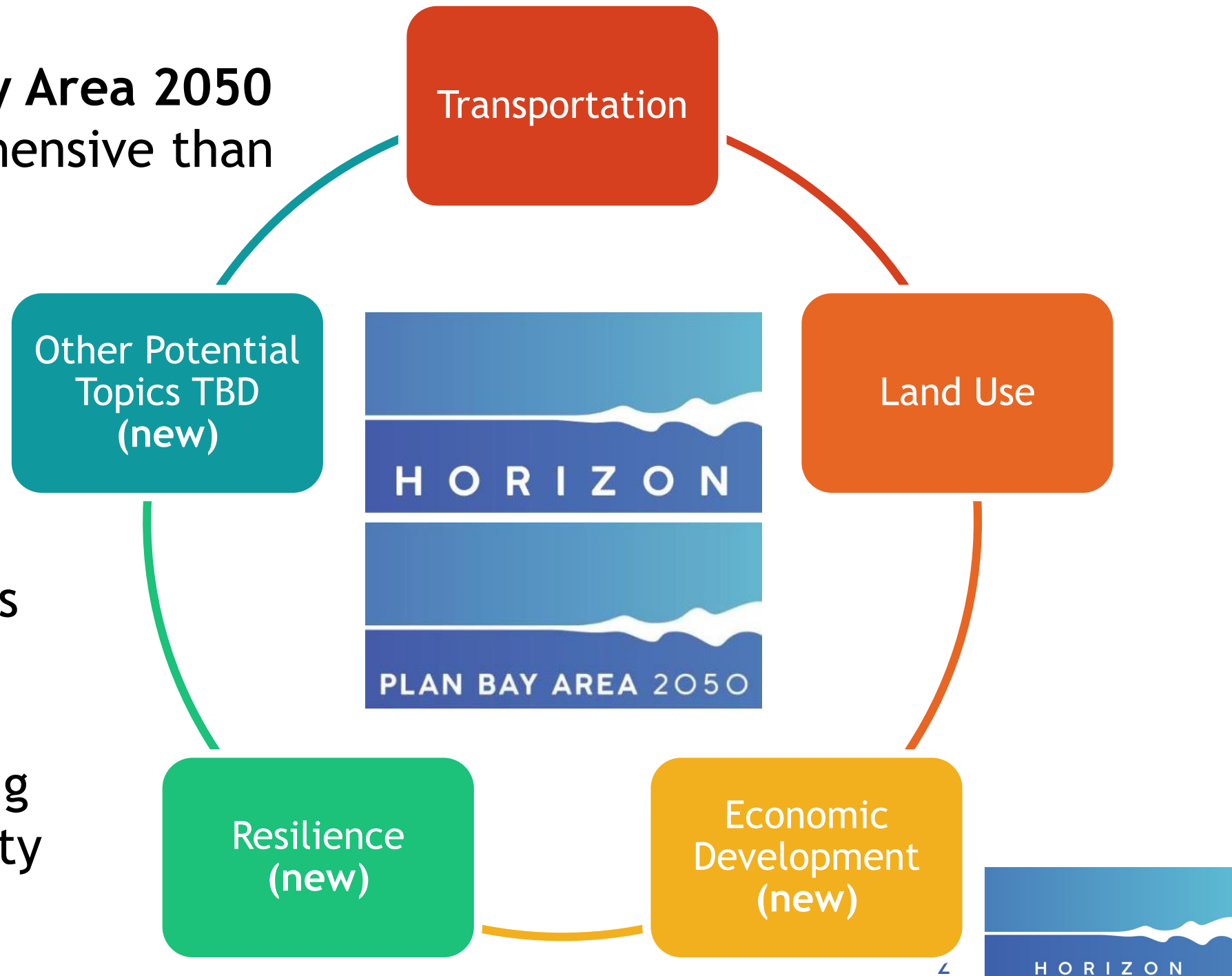
ABAG Regional Planning Committee (RPC)

February 6, 2019

Mark Shorett, MTC/ABAG

Horizon and Plan Bay Area 2050 will be more comprehensive than past RTP/SCS cycles.

Horizon's Guiding Principles and Plan Bay Area 2050's goals & targets will guide decision-making and integrate cross-cutting issues, including equity and sustainability.



The San Francisco Bay Area aspires to be:



AFFORDABLE

All Bay Area residents and workers have sufficient housing options they can afford - households are economically secure.



CONNECTED

An expanded, well-functioning transportation system connects the Bay Area - fast, frequent and efficient intercity trips are complemented by a suite of local transportation options, connecting communities and creating a cohesive region.



DIVERSE

The Bay Area is an inclusive region where people from all backgrounds, abilities, and ages can remain in place - with access to the region's assets and resources.



HEALTHY

The region's natural resources, open space, clean water and clean air are conserved - the region actively reduces its environmental footprint and protects residents from environmental impacts.



VIBRANT

The Bay Area region is an innovation leader, creating quality job opportunities for all and ample fiscal resources for communities.

Guiding Principles

What's Happening with Horizon?



Outreach



Perspective
Papers

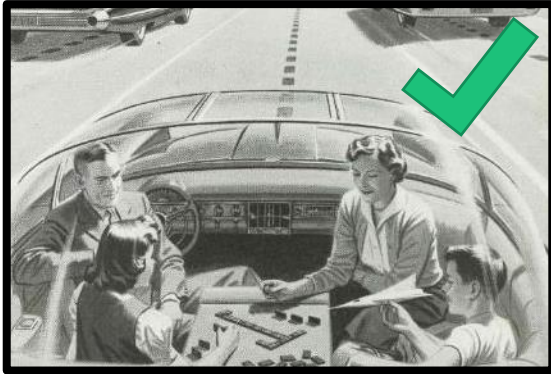


Futures



Project
Performance

Perspective Papers Overview



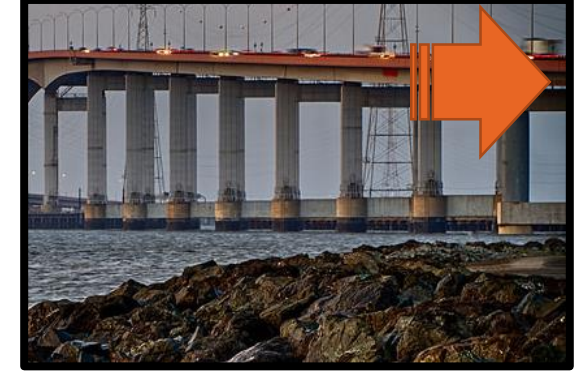
1) Autonomous Vehicles



2) Toward a Shared Future



3) Growth Strategies



4) Crossings



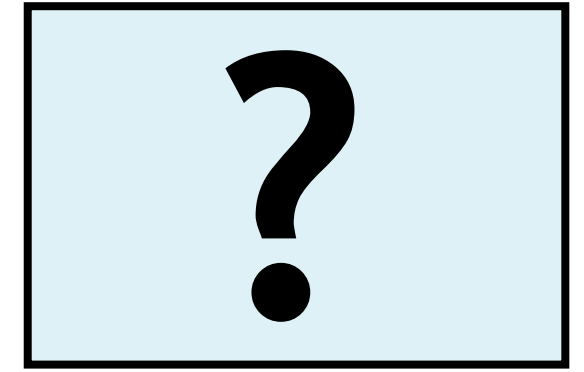
5) Future of Jobs



6) Governance



7) Sea Level Rise



More to Come?

Perspective Paper 3: Regional Growth Strategies

Purpose

To identify successes and shortcomings with the current PDA-centric growth framework

To investigate potential new options for meeting regional housing needs and reducing GHG emissions, while aligning with Horizon Guiding Principles

To develop planning, policy, and funding strategies for each option

To spur a larger conversation about updating the regional growth framework next year in preparation for Plan Bay Area 2050



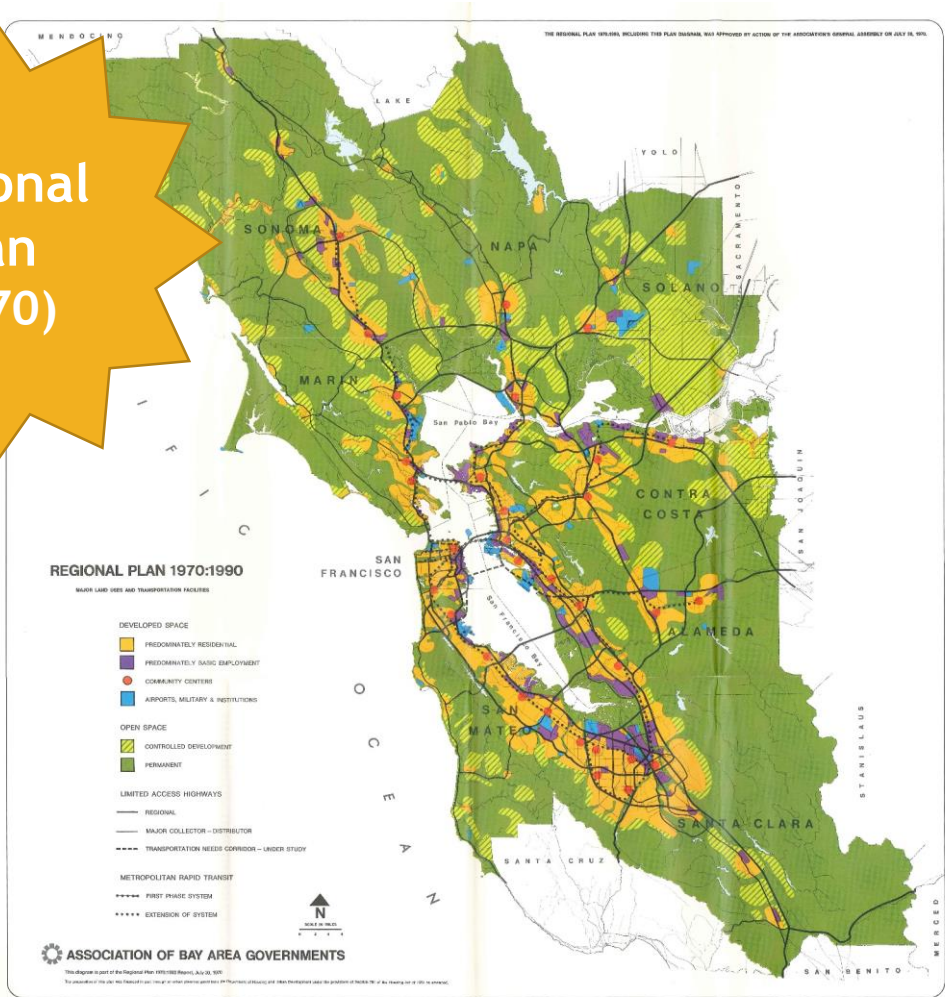
H O R I Z O N

The Bay Area's Regional Growth Framework

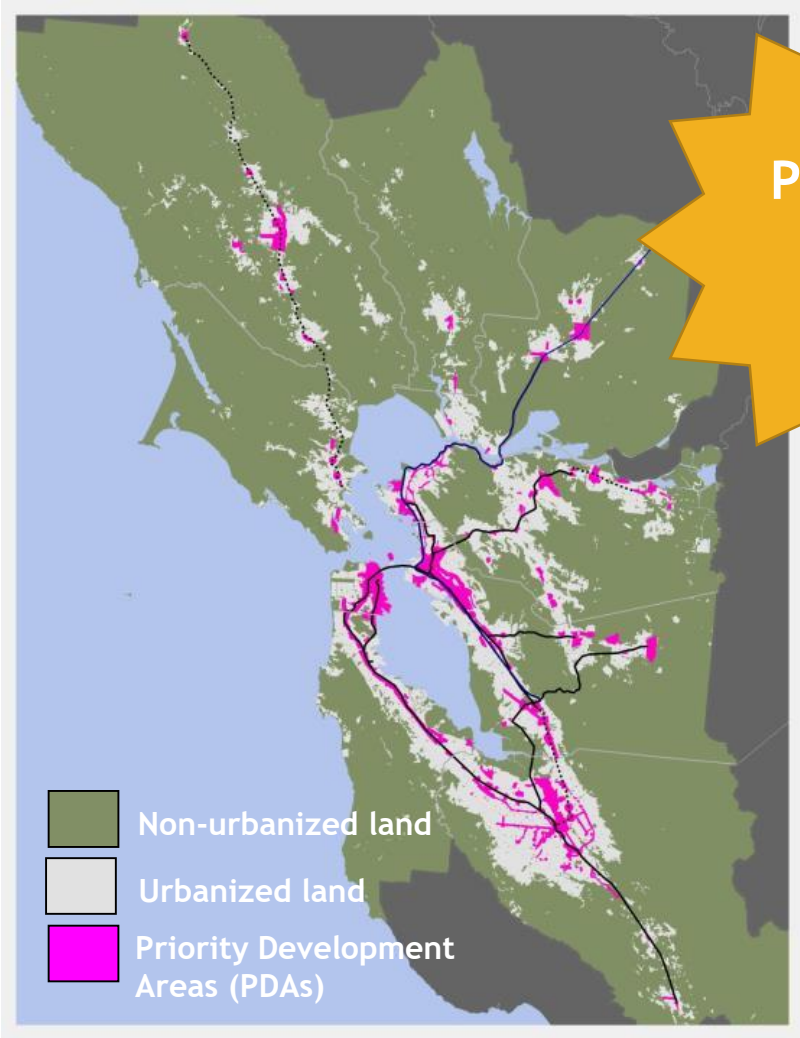
Successes & Shortcomings

Growth Frameworks for the Bay Area

Regional Plan (1970)



Plan Bay Area (2013)



The Current Growth Framework



PDA

Focus Housing and Jobs in Priority Development Areas

- Voluntarily adopted by cities; planned, or being planned, for housing
- Within walking distance of frequent transit & inside an existing community

PCA

Protect Open Space in Priority Conservation Areas

- Voluntarily nominated by cities and special districts (e.g. park districts)
- Regionally significant open spaces



Successes & Shortcomings



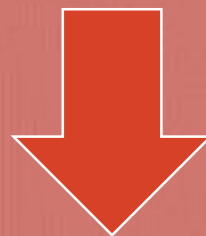
- Effective open space protection
- 188 adopted PDAs



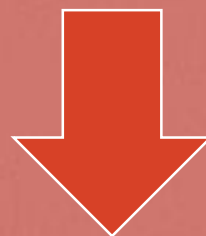
- Share of housing permits in PDAs increasing
- OBAG aligns investment with growth strategy



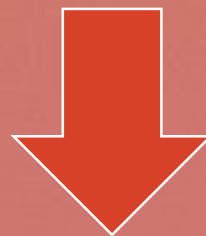
- Stronger real estate markets in PDAs across region



- Some PDAs not aligned with program guidelines
- Many cities do not designate transit-rich areas PDAs



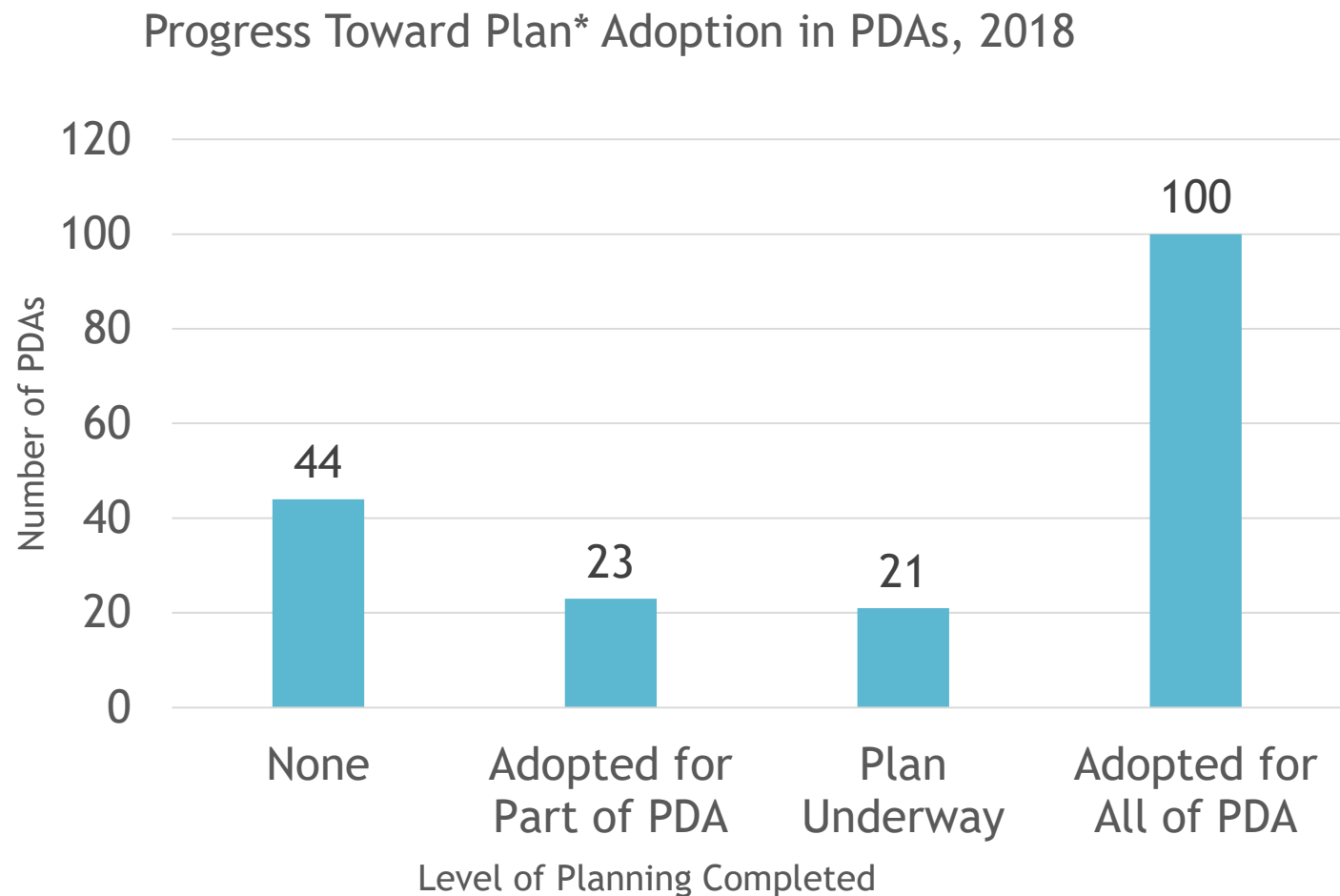
- Current share well below PBA 2040 forecast
- Low and moderate income housing needs not met



- Increasing displacement pressure in many PDAs

Key Finding:

Plans Underway or Complete in 75% of PDAs



* = defined as specific plan or equivalent
Source: MTC/ABAG Survey of Locally Adopted Plans
Current Framework



**Broadway-Valdez
Specific Plan**
Oakland



**Central Petaluma
Specific Plan**
Petaluma



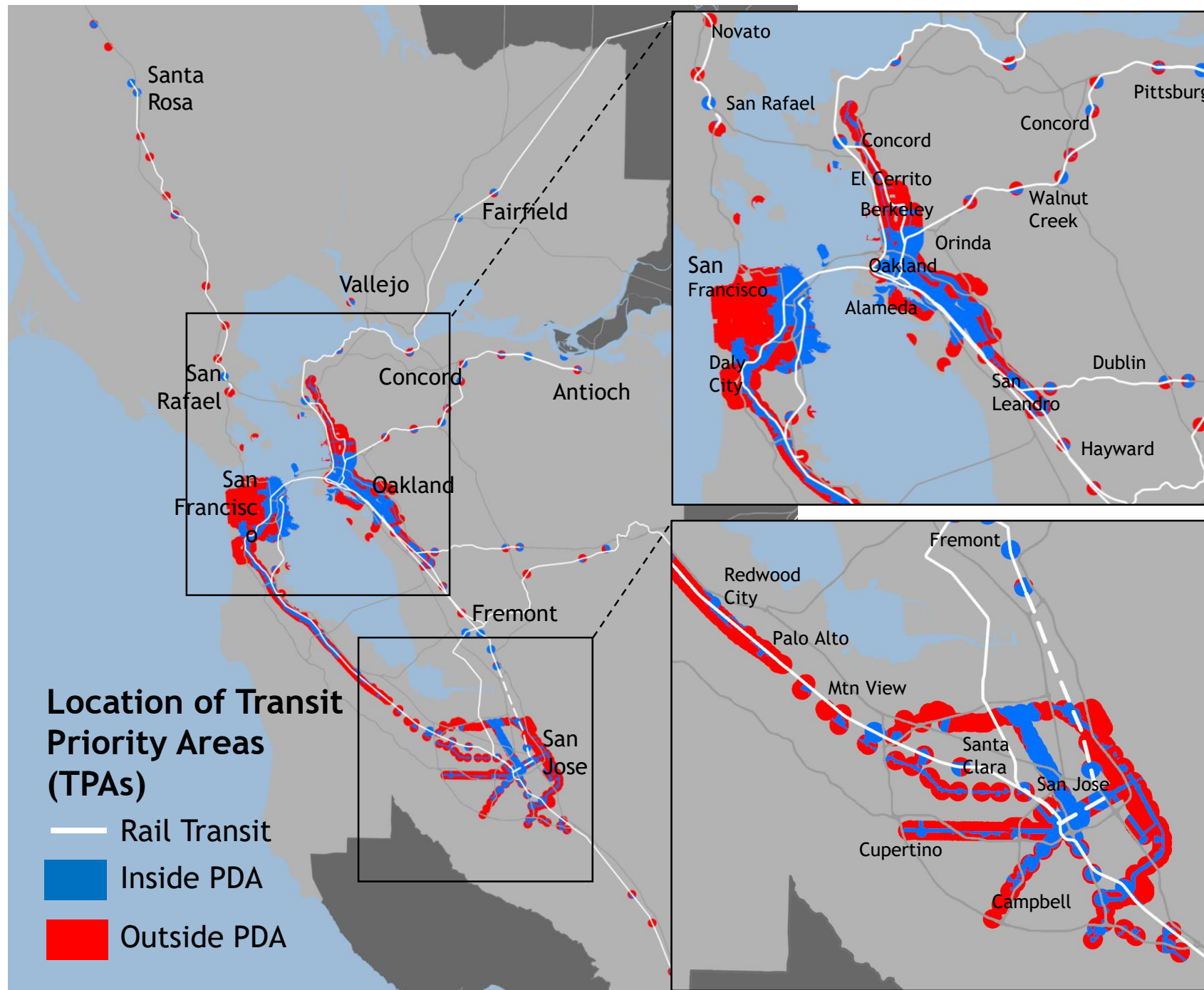
**Downtown
Precise Plan**
Redwood City

Key Finding: Many Transit- Rich Areas Are Not PDAs

> 50%

of land within 10
minutes' walk of
frequent transit is not
designated a PDA

Source: Regional Transit Database
Current Framework

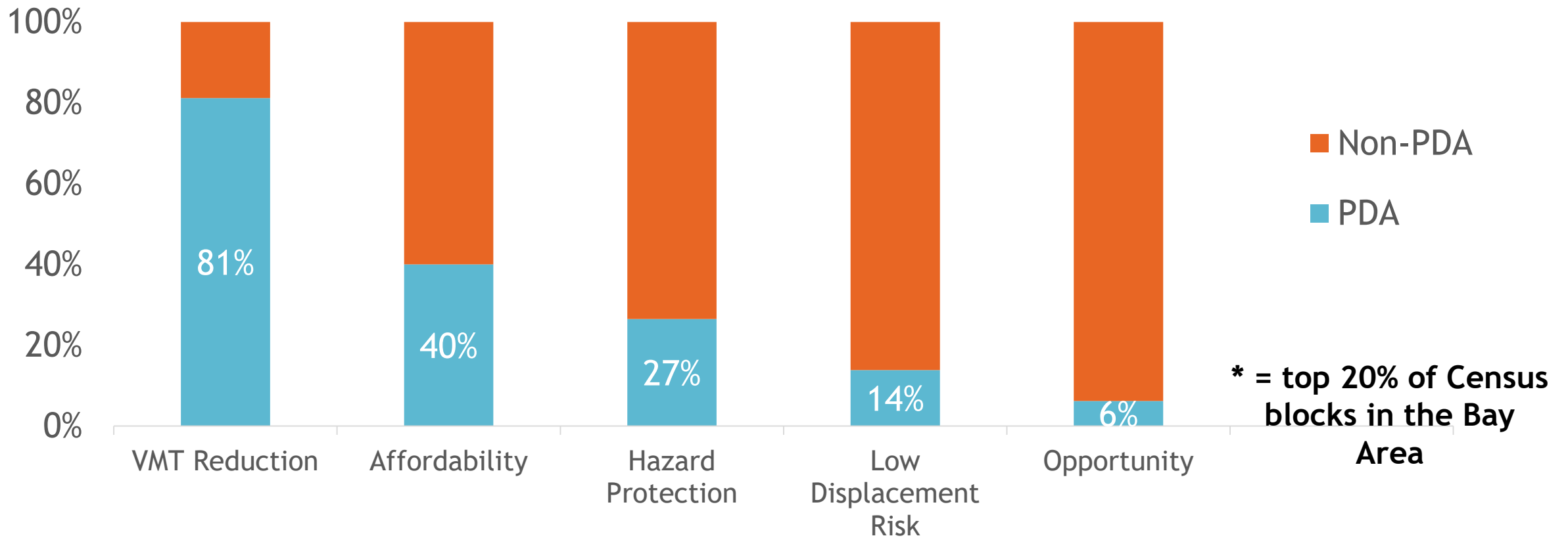


Key Finding:

PDAs are generally in lower-VMT locations.

However, few high-opportunity areas or areas with low displacement risk are PDAs.

Location of highest-ranking* Census blocks





H O R I Z O N

Future Growth Framework

Options & Strategies

Geographies to Consider in Future Growth Frameworks



Residential/Mixed-Use	Office/Retail	Industrial	Open Space/Habitat
Existing Priority Development Areas (PDAs)			
Additional priority areas (new)			
Incremental growth areas (new)			
		Priority Production Areas (PPAs - new)	
			Priority Conservation Areas (PCAs)

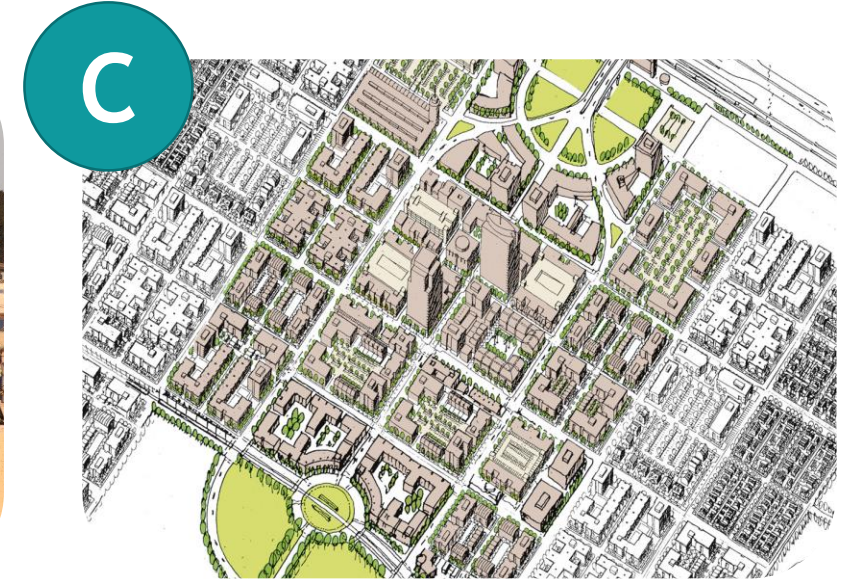
Three Potential Frameworks for Growth



Double Down
on PDAs



PDAs Plus



Expanded
Footprint

A Double Down on PDAs

- **Concept**
 - PDAs remain the primary focus for housing growth and take on increased share of jobs
 - PDAs are planned and developed at feasible densities with services that reflect local demand
 - PDAs with the greatest housing production and GHG reduction potential receive highest levels of growth and investment

Priority Development Areas



B PDAs Plus

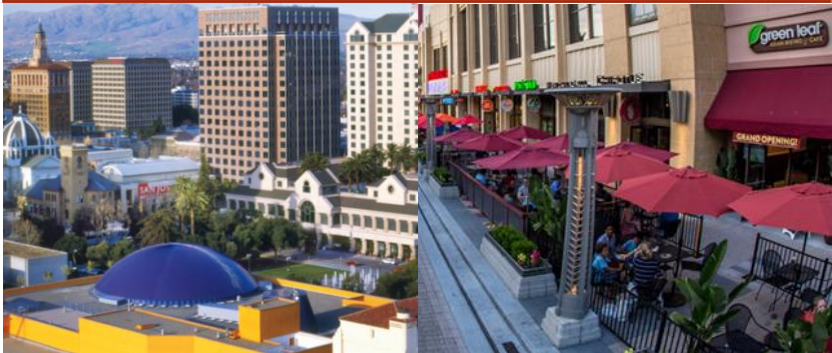
- **Concept**
 - Focus most new jobs and housing around highest capacity transit, including areas outside PDAs
 - Transform aging shopping centers, office parks, and public land into mixed-income communities
 - Introduce context-sensitive “missing middle” housing in transit-served neighborhoods



C Expanded Footprint

- **Concept**
 - Continue supporting growth in transit-served infill locations
 - Strategically expand areas allowed for development to create new mixed-use communities
 - Increase “missing middle” housing in single-family neighborhoods throughout the region

Priority Development Areas



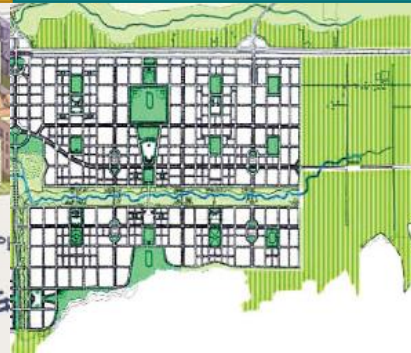
Catalyst Sites



Residential Infill



Urban Edge



A B C Shared Constraints & Strategies

CONSTRAINTS

STRATEGIES

- Lack of connection between growth framework and local land use plans
- Inadequate funding and land for low- and moderate-income housing
- Limited infrastructure funding
- Quality of life and fiscal concerns
- Hazard risk and climate change adaptation
- Unaffordability of new housing for moderate- and low-income households

Integrate the regional growth framework into local General Plans

Pilot and scale up innovative housing solutions

Expand OBAG3 funding & align criteria more closely with housing outcomes

Invest in infrastructure and high-quality services in growth areas

Create regional climate change adaptation strategy aligned with growth framework

Establish a Regional Housing Enterprise to increase protection, preservation and production of affordable housing

A Double Down on PDAs

KEY CONSTRAINTS

- **Inequities** - significant displacement pressures & growth focused in lower-resource areas
- **Development constraints** - land availability, inconsistent market demand for housing and jobs
- **Transit** - limited transit service in one-quarter of all PDAs, transit crowding

KEY STRATEGIES

Allow transit-supportive densities in all PDAs, paired with design standards and affordable housing protection, preservation, and production strategies

Implement a regional employment location policy supported by incentives to balance the location of job and housing growth

Invest higher level of transportation funding to provide all PDAs sufficient levels of transit service

B PDAs Plus

KEY CONSTRAINTS

- **Restrictive Zoning** - obstacles to growth in many transit-rich, high opportunity areas
- **Implementation resources** - additional planning required to advance priority areas
- **Development schedule** - uncertain timeline for large-scale reuse projects

KEY STRATEGIES

Create guidelines and implementation resources for an expanded range of regional priority areas

Permit “missing middle” housing in transit rich neighborhoods, supported by context-sensitive design standards

Transform aging shopping centers and large publicly owned sites into mixed-income communities with 1000+ homes and supportive local services

C Expanded Footprint

KEY CONSTRAINTS

- **Urban limit lines** - adopted by counties and cities
- **Potential environmental impacts** - entitlement process for developing greenfield lands
- **Infrastructure** - limited roads, transit, water, and other public facilities for edge sites

KEY STRATEGIES

Strategically adjust urban limit lines to meet long-range housing needs while achieving environmental performance standards

Streamline permitting and mitigation process to maximize regional ecological benefit and minimize uncertainty

Provide funding for new infrastructure, including transit and shared mobility services, to serve new mixed-income communities with 10,000+ housing units

Aligning with the Guiding Principles

Updating the Regional Growth Framework could:

- Expand housing and employment opportunity sites to yield more affordable outcomes
- Address PDAs that are not adequately connected to the region's transportation system
- Promote more equitable outcomes by ensuring that everyone can live in a diverse, healthy, economically vibrant community of their choice



AFFORDABLE



CONNECTED



DIVERSE



HEALTHY



VIBRANT

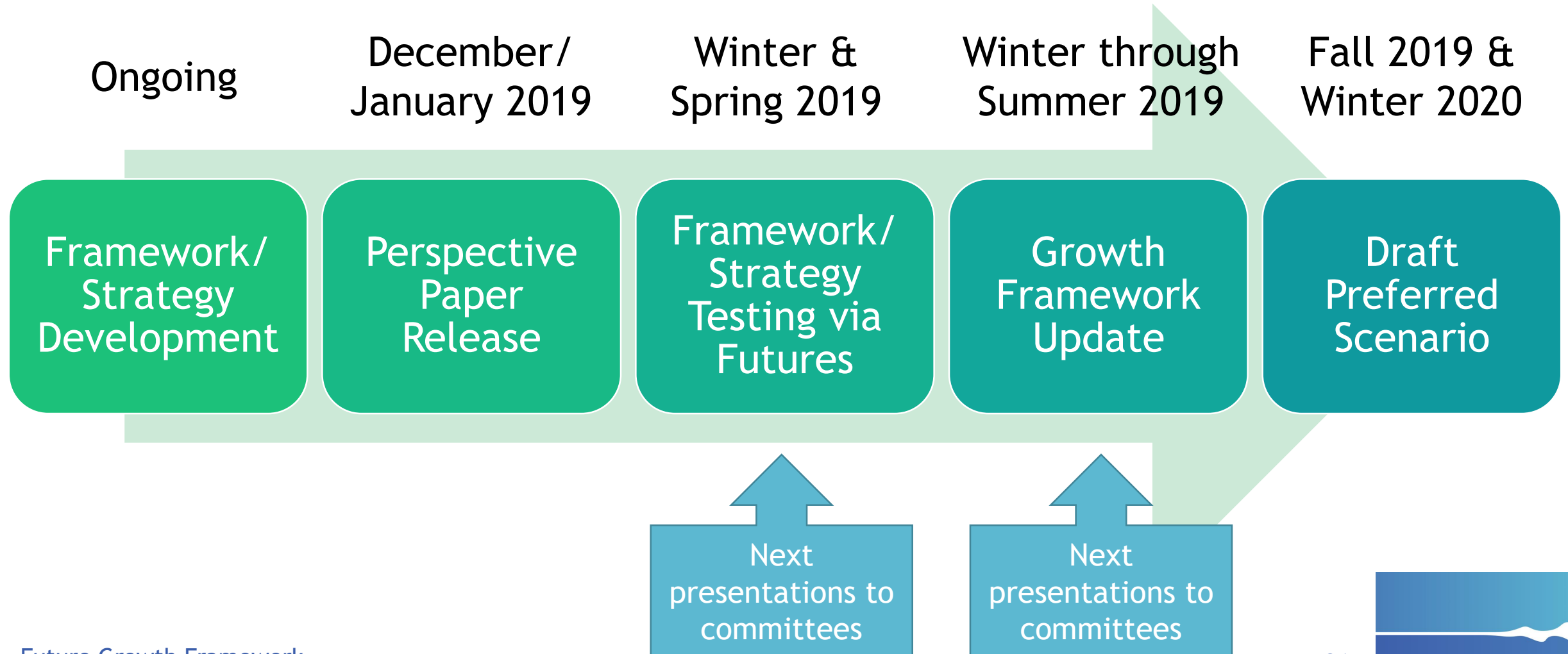


H O R I Z O N

Future Growth Framework

The Path Forward

What's Next?



Toward a Future Framework

Updated Framework & Strategies



Guidelines & Designations



Plan Bay Area 2050:
Investments & Preferred Land Use



Ongoing implementation & monitoring



Metropolitan Transportation Commission

375 Beale Street, Suite 800
San Francisco, CA 94105

Legislation Details (With Text)

File #: 19-0107 **Version:** 1 **Name:**

Type: Report **Status:** Informational

File created: 1/29/2019 **In control:** ABAG Regional Planning Committee

On agenda: 2/6/2019 **Final action:**

Title: Report on Horizon: Perspective Paper #5: The Future of Jobs

Sponsors:

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Attachments: [Item 08 Memo Perspective Paper 5 Preview Future of Jobs RPC.pdf](#)
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Date	Ver.	Action By	Action	Result
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Report on Horizon: Perspective Paper #5: The Future of Jobs
Aksel Olsen
Information



M E M O R A N D U M

TO: ABAG Regional Planning Committee
FR: Executive Director
RE: Horizon Perspective Paper #5: Preview - The Future of Jobs

DATE: February 1, 2019

Background

Staff will provide a preview of work completed to date on the fourth Horizon Perspective Paper - *The Future of Jobs*. This paper explores how economic changes over the coming decades, ranging from automation to changes in job locations, might affect the Bay Area. While this month's presentation focuses on the paper's objectives and initial findings, it will also touch on economic strategies that address challenges and seize opportunities in the coming decades. The paper also leverages recent work from the Bay Area Comprehensive Economic Development Strategy (CEDS), which assesses the region's economic strengths and opportunities and informs an action plan for a Bay Area Regional Economic Development District. Staff will return to the Committee with priority strategies in the spring, prior to the paper's release.

Perspective Paper Objectives

The Future of Jobs Perspective Paper is intended to:

- **Review key trends** affecting the regional labor market and job prospects of Bay Area residents, including automation of jobs, the emergence of the "gig economy", and an aging labor force, among others
- **Consider** impacts on both *what* jobs entail as well as *where* they might be performed, including how the region might address long-standing jobs / housing imbalances
- **Identify strategies** on the state, regional, and local levels to address planning challenges associated with a changing regional economy
- **Continue the conversation** related to the emerging economic development role of the regional agencies following the adoption of the CEDS

Work to Date: Key Findings

Staff analysis to date has explored how the Bay Area economy has been changing in recent years, as well as trends expected to be important to the region in the foreseeable future. Overall, the Bay Area's technology sector has been very competitive in the past few decades and has pushed per-capita gross regional product to the top among major metro areas. High-wage job growth has been concentrated in a few key sectors, primarily technology and other STEM occupations. At the same time, occupations with modest skill requirements and lower pay have also seen strong growth, especially in the service sector. Job growth has been strongest in the core counties containing the major cities, and more modest in the North Bay.

Looking forward, the Perspective Paper explores four primary issue areas related to the future of jobs: **technological** changes, **organizational** changes, **compensational** changes, and **locational** changes. Key preliminary findings are summarized below:

- **Technology:** In the past 15 years, growth in regional productivity has outpaced job creation, notwithstanding healthy growth in jobs. Going forward, new technologies from automation to artificial intelligence may *substitute* or *complement* labor - though most likely both. The effects of automation will likely be felt across many industries and occupations, offering increased productivity, but also differential disruption to local labor markets depending on occupational structure.
- **Organization:** In recent decades, there has been a rise in workers employed in alternative work arrangements including more temporary jobs and contract work. This rise independent work, hereunder the “gig economy,” presents new opportunities and challenges. While this shift can bring added flexibility, income, and opportunity for workers, it can also entail less stable wages, spotty benefits, and increased difficulty saving for retirement or a home.
- **Compensation:** During the past few decades, strong economic growth in the region has been accompanied by increasing income inequality as mainly well-educated workers have seen solid wage and non-wage gains. As the world becomes increasingly digital, the education system must evolve to equip tomorrow’s workforce with the requisite skills to navigate it and narrow achievement gaps.
- **Location:** As technology changes the ability to communicate across distance, some jobs may seek to disperse across, or outside the region. Yet, jobs in the most knowledge-intensive sectors requiring development of new designs, programs or campaigns continue to gravitate toward the region’s established centers, with more local-serving jobs heading further afield.

Next Steps

During the next month, staff is conducting key informant interviews with industry leaders and other stakeholders to discuss how they see the economy changing and the effects it will have on the labor market. Staff will use that to develop a list of strategies to foster economic resilience in the face of the identified changes and the challenges they bring. Feedback from MTC/ABAG committees, as well as working groups such as the RAWG, will shape *The Future of Jobs* Perspective Paper before its release in April 2018.

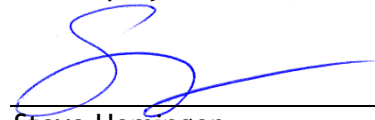
Economic development strategies developed in this Perspective Paper will ultimately be tested against the three futures (“what if?” scenarios) for Horizon to understand how they could help improve outcomes and align with the Guiding Principles. Furthermore, the Perspective Paper will help inform preparation of the regional forecast for Plan Bay Area 2050, and it will play a role in shaping the Economic Development element of the Plan.

Requested Feedback

Staff requests feedback from the Committee on the following questions:

- What are your key concerns related to the future of the Bay Area economy?
- How can we leverage technology to foster a productive, yet inclusive, economy?
- How can we support new organizational forms and the flexibility they bring, while ensuring economic benefits for workers at all income levels?
- What policies and strategies should state, regional, and local policymakers consider to support labor markets of today and tomorrow?

- How can we enhance the regional growth framework (*Priority Development Areas* as well as the potential *Priority Production Areas*) to better consider employment location?



Steve Heminger

Attachment

- Attachment A: *Future of Jobs* Perspective Paper (PowerPoint Presentation)

KK:ao



H O R I Z O N

The Future of Jobs

Perspective Paper #5 - Work to Date/Preview

Aksel Olsen

ABAG Regional Planning Committee

February 6, 2019

Perspective Paper 5: The Future of Jobs

Purpose

Review key trends affecting the regional labor market and job prospects of Bay Area residents

Consider impacts on both what jobs entail as well as where they might be performed, and analyze emerging employment locational trends

Identify strategies on the state, regional, and local levels to address planning challenges associated with a changing regional economy

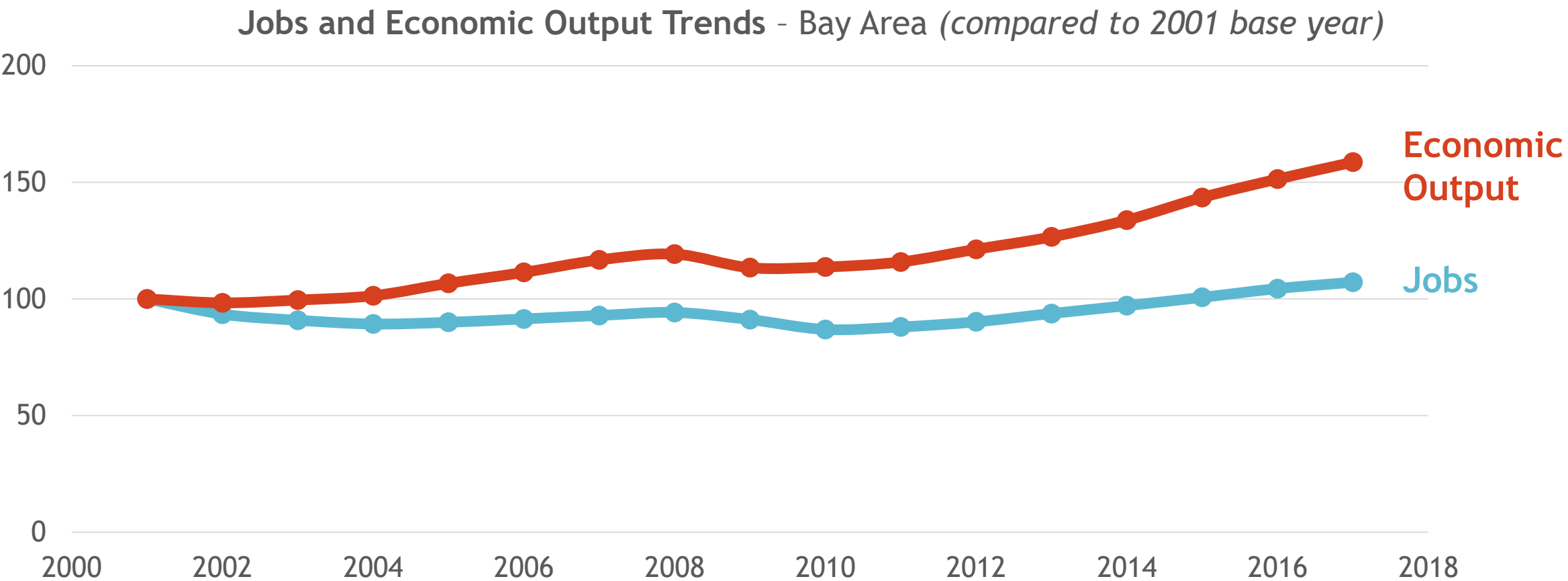
Continue the conversation related to the emerging economic development role of the regional agencies in preparation for *Plan Bay Area 2050*

Outline

- Economic Context and Background
- Four Focus Areas in the Paper
 - Technology
 - Organization
 - Compensation
 - Location
- Next Steps - Outreach and Strategies

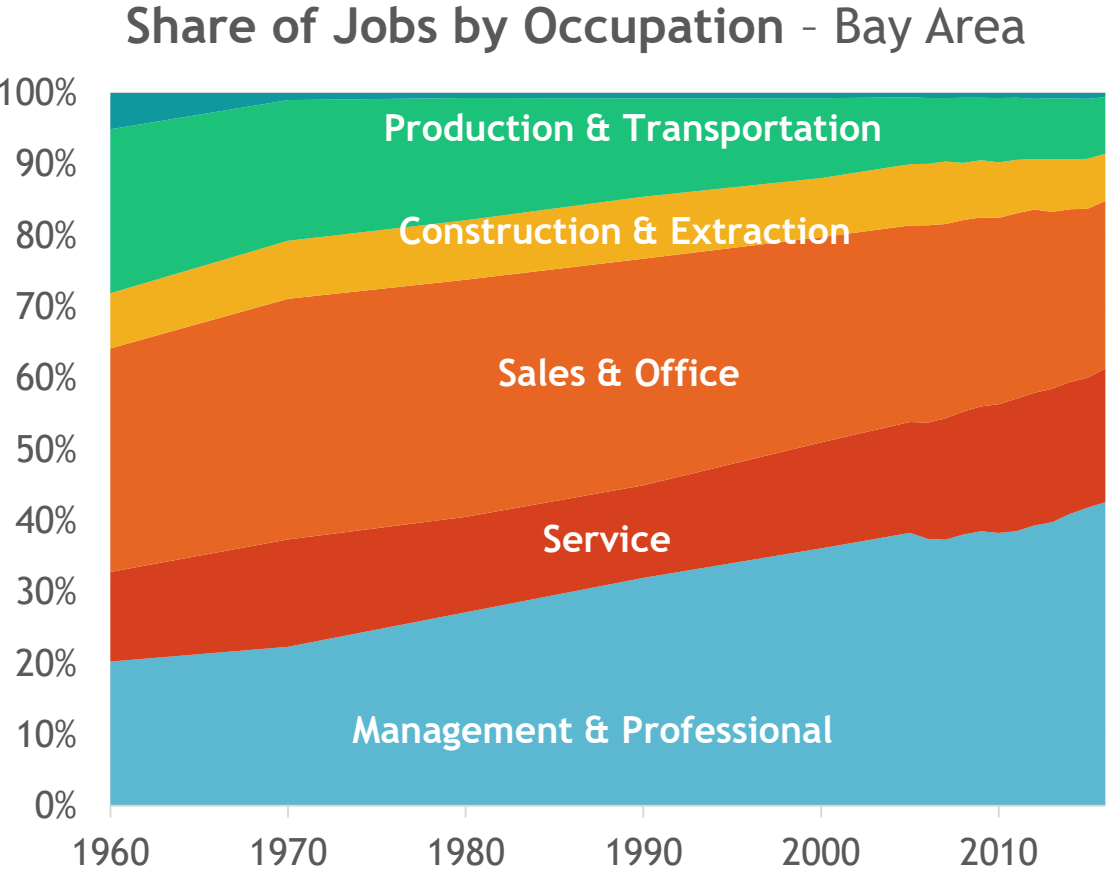


Productivity Grows at Faster Rate than Jobs



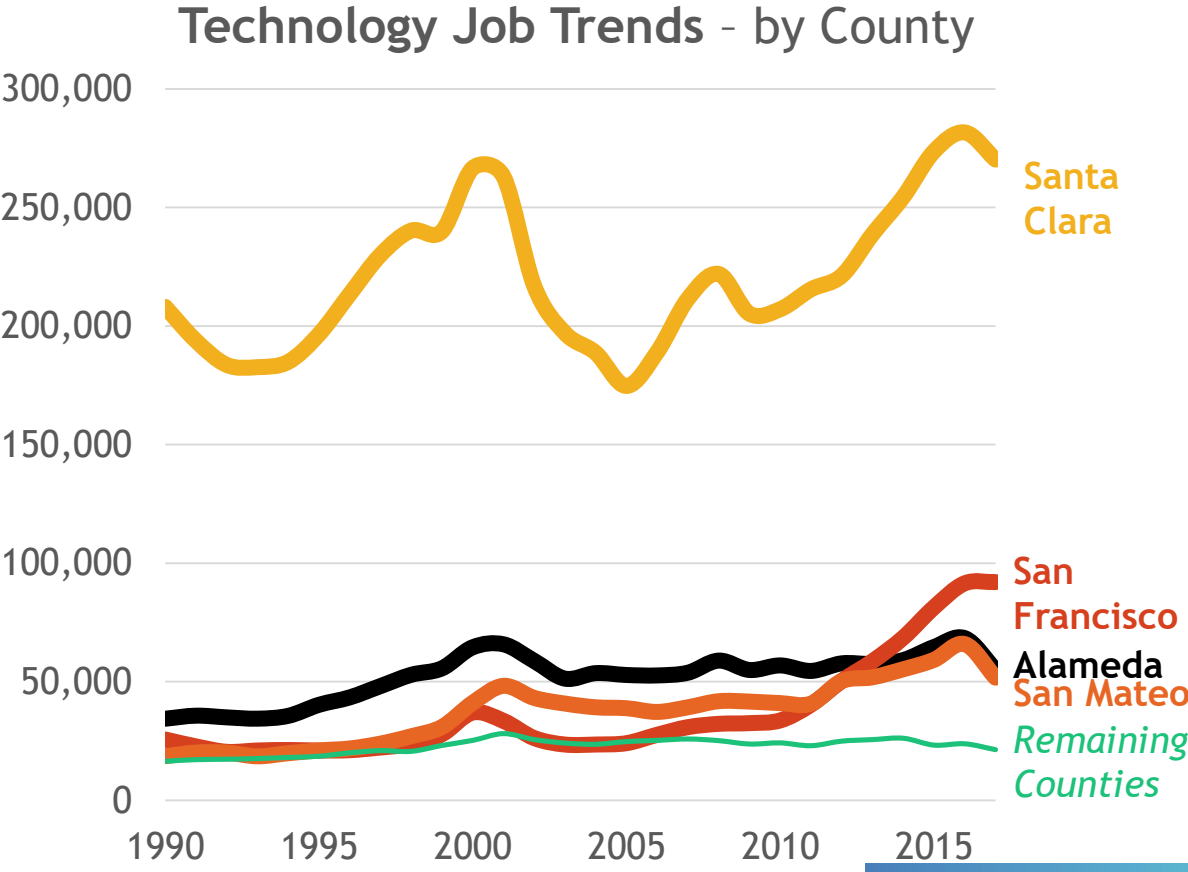
Sources: Bureau of Economic Analysis, 2001 to 2017

Knowledge-Based Jobs Continue to Grow, Particularly in the Tech Sector...



Source: PUMS, 1960 to 2016

[Overview](#)









Source: QCEW, 1990 to 2017

... While Industrial and Manufacturing Jobs Continue to Decline.

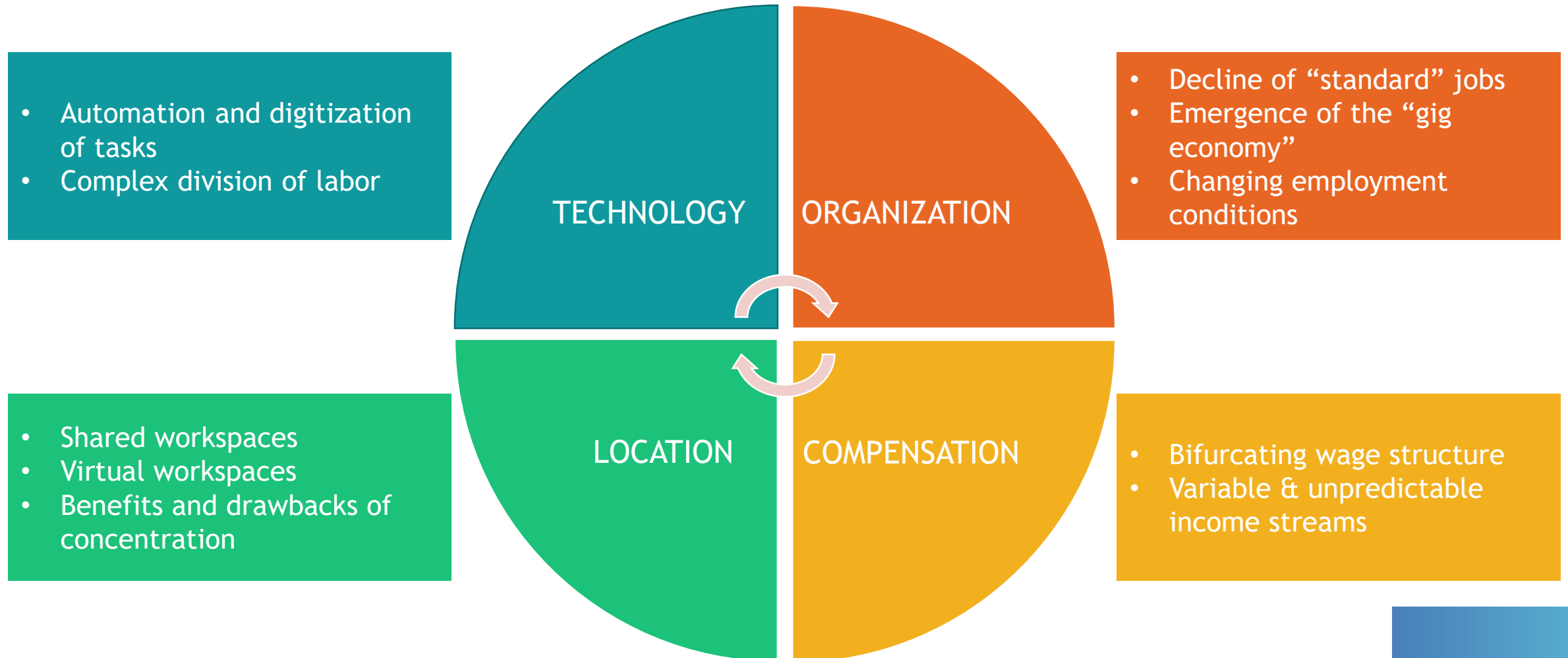
- **Jobs requiring physical labor have declined** in recent years, including industrial and construction jobs.
- In addition to the rise of knowledge-sector jobs, **service-sector jobs** (such as food preparation, healthcare, and personal care) have grown significantly.

Highlighted Changes in Bay Area Jobs: 2009 to 2017

	+88,000	Food preparation & serving
	+47,000	Business & financial operations
	+42,000	Healthcare practitioners and technicians
	+27,000	Arts, design, sports entertainment & media
	+24,000	Personal care & service
	-16,000	Construction & extraction
	-16,000	Transportation & material moving
	-45,000	Office & administrative support
	-51,000	Production

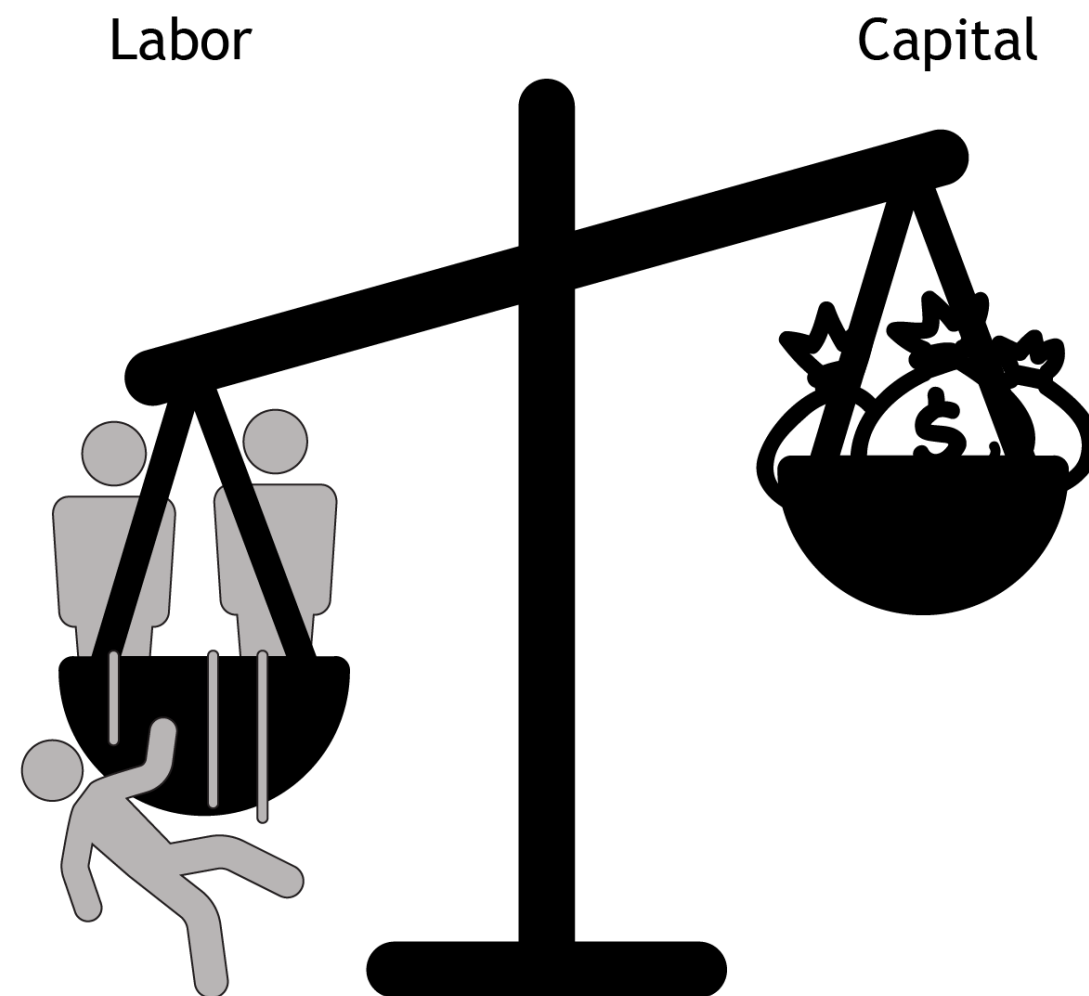
Source: BLS OES

Jobs Are Changing in Several Ways...



Automation Involves Tradeoffs between Labor and Capital

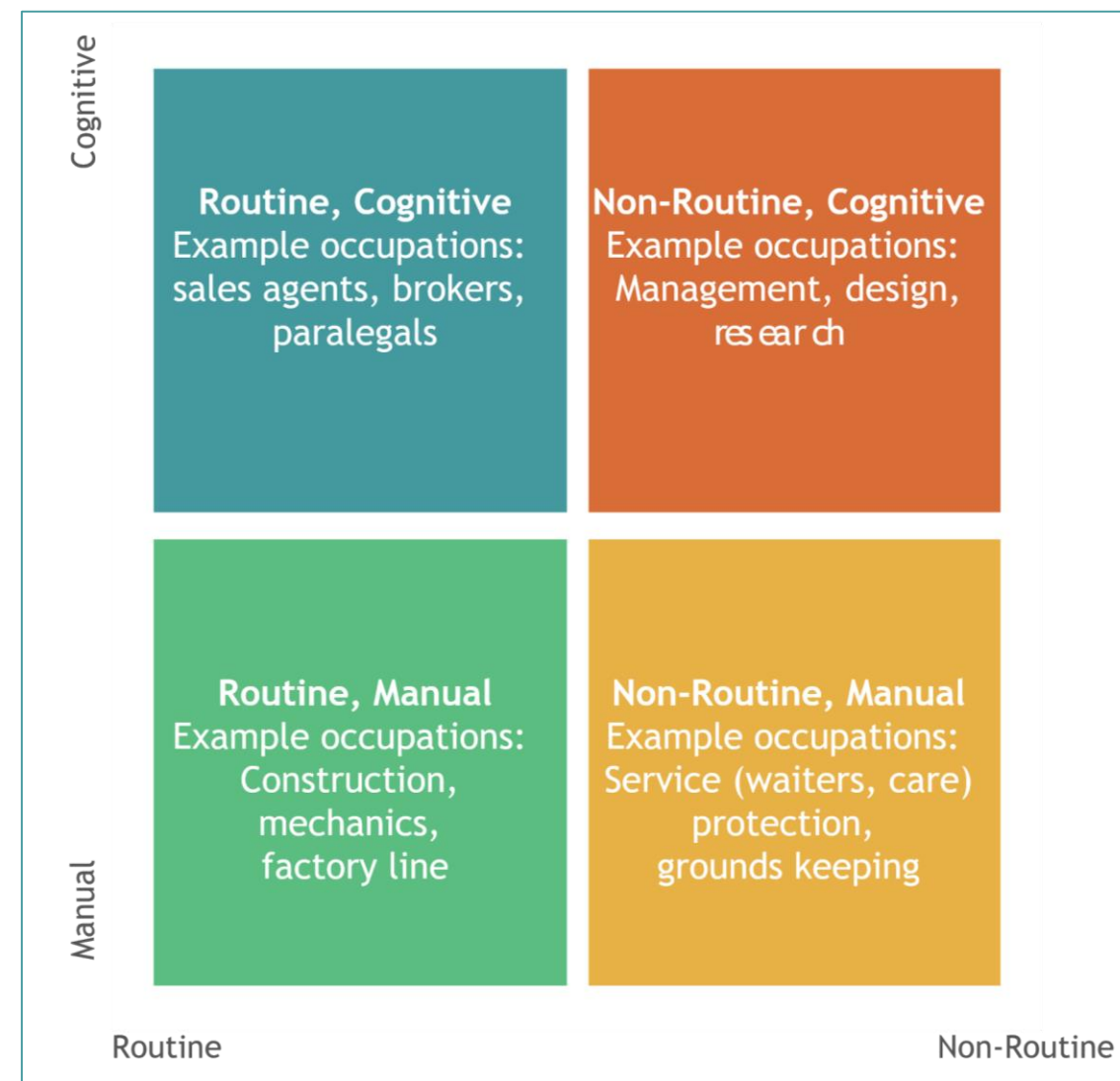
- Technology can boost productivity, but it may **displace workers temporarily**.
- Technology can **either substitute or complement** labor.
- **Public policy challenge:** to help address temporary impacts of automation



Adapted from The Noun Project

Likelihood of Automation Highest in Routine Occupations

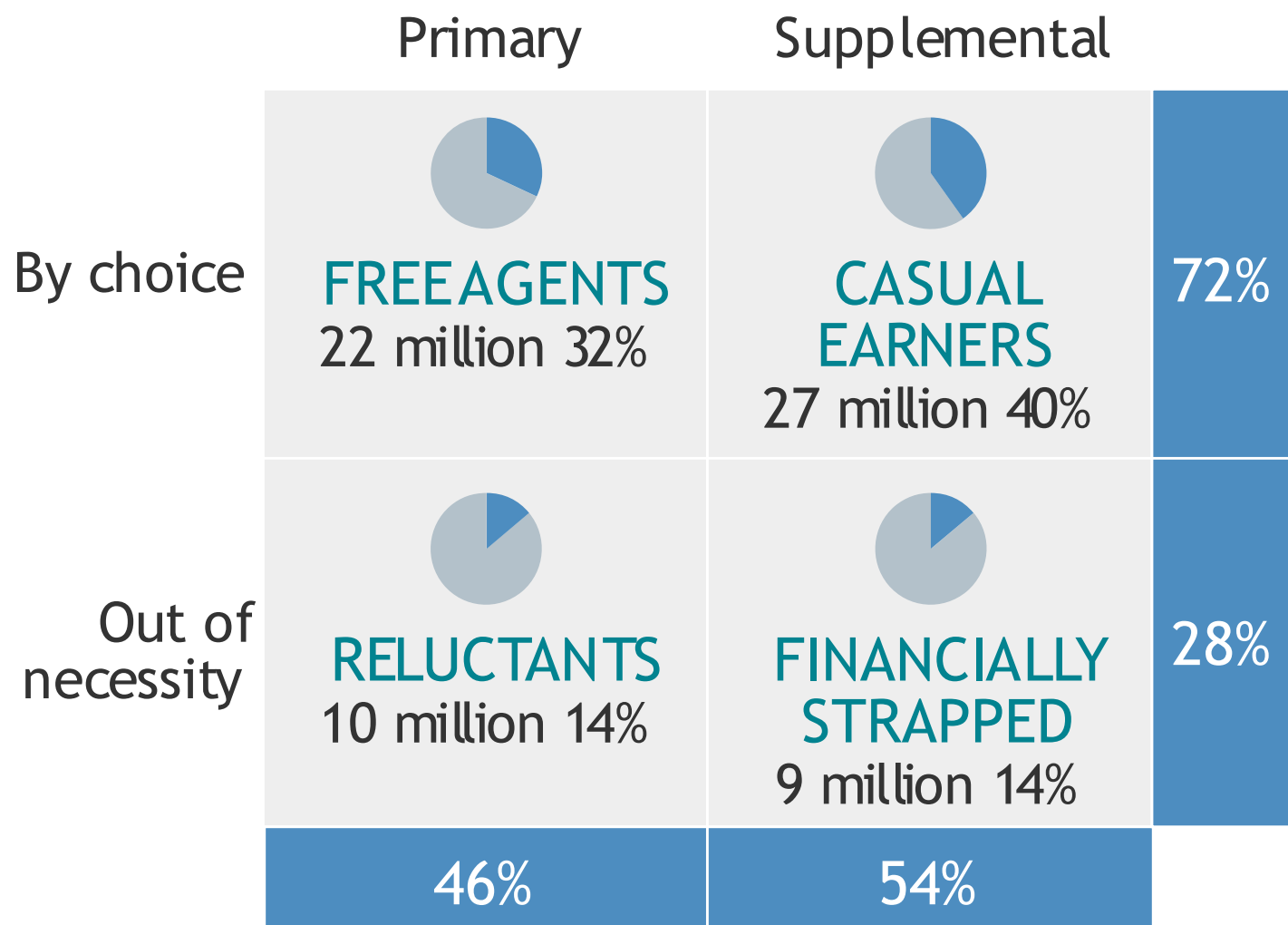
- **Non-routine** jobs are more unpredictable and require judgment - making them harder to standardize and automate.
- This means that **both manual routine jobs** (such as factory workers) as well as **cognitive routine jobs** (such as paralegals) are at risk.
- Jobs at risk: Estimates range widely, from 9 to 47% with existing technologies.



Adapted from Autor, Levy and Murnane (2003); Schwab (2018)

Alternative Employment Arrangements on the rise

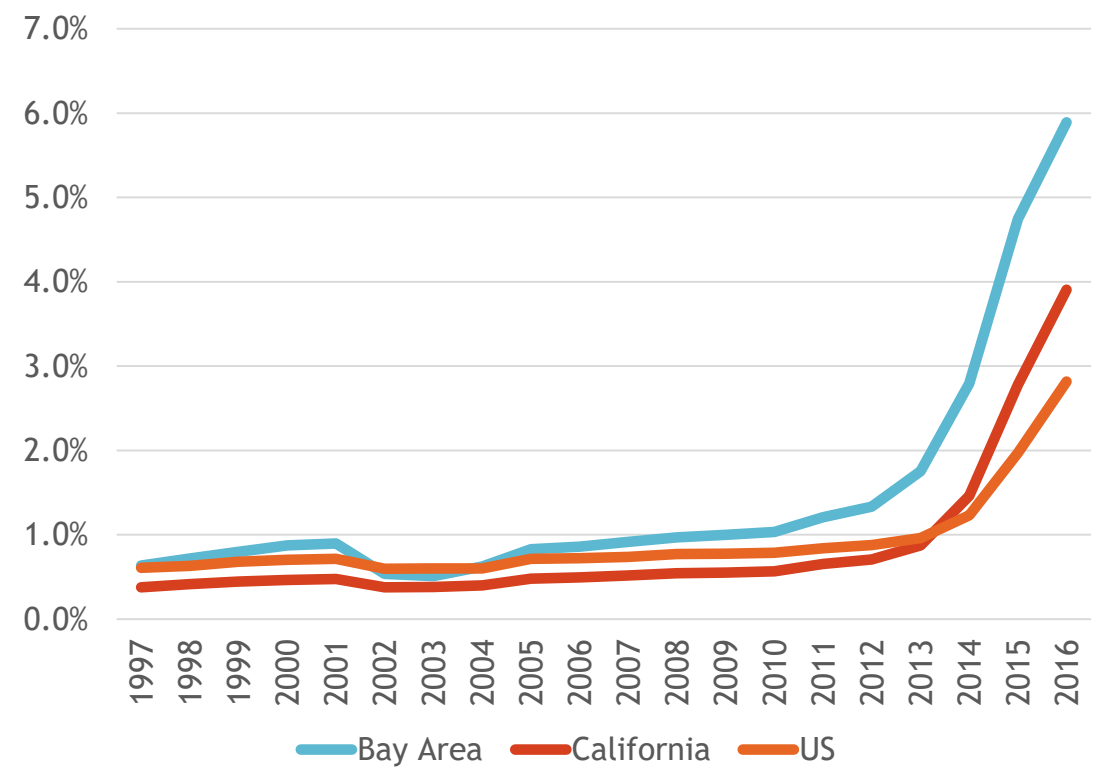
- Just under half of all “gig economy” workers are relying on this work as their **primary source of income**.
- “**Casual earners**” are the largest demographic, accounting for 4 in 10 workers.
- Bay Area 2016: ~675,000 sole proprietors



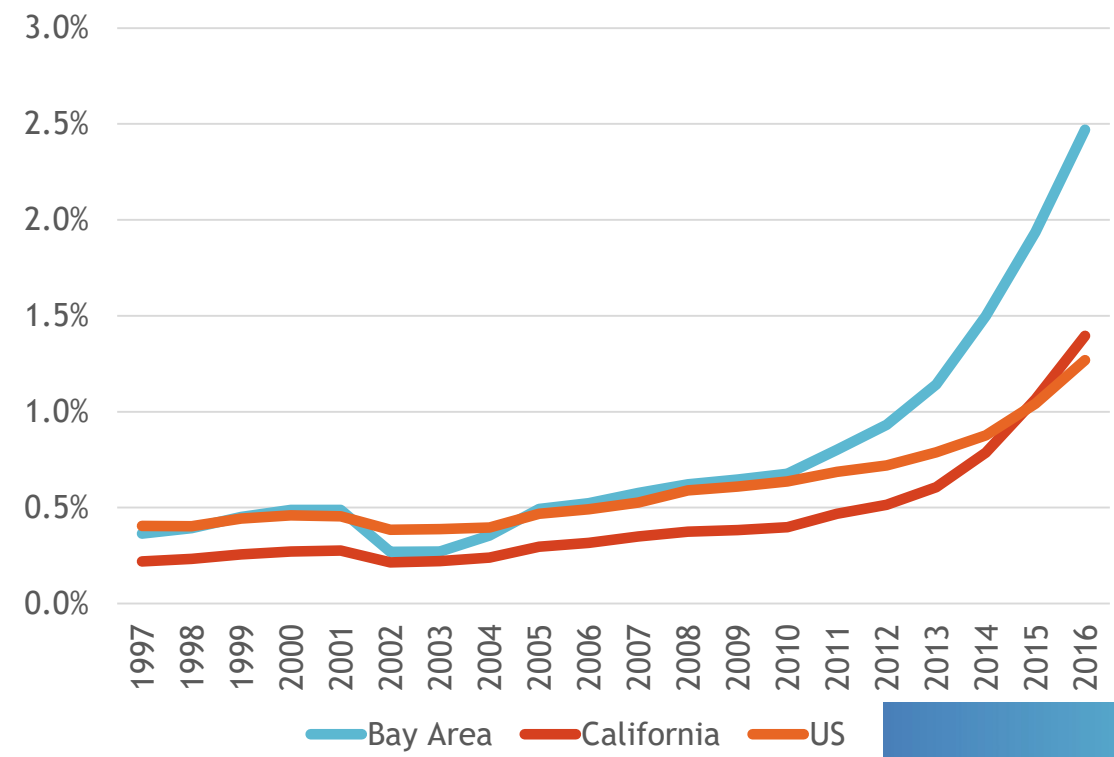
Source: US data, Manyika et al. (2016)

Rising Rides...

Taxi and Limousine Service
Share of Sole Proprietor
Establishments

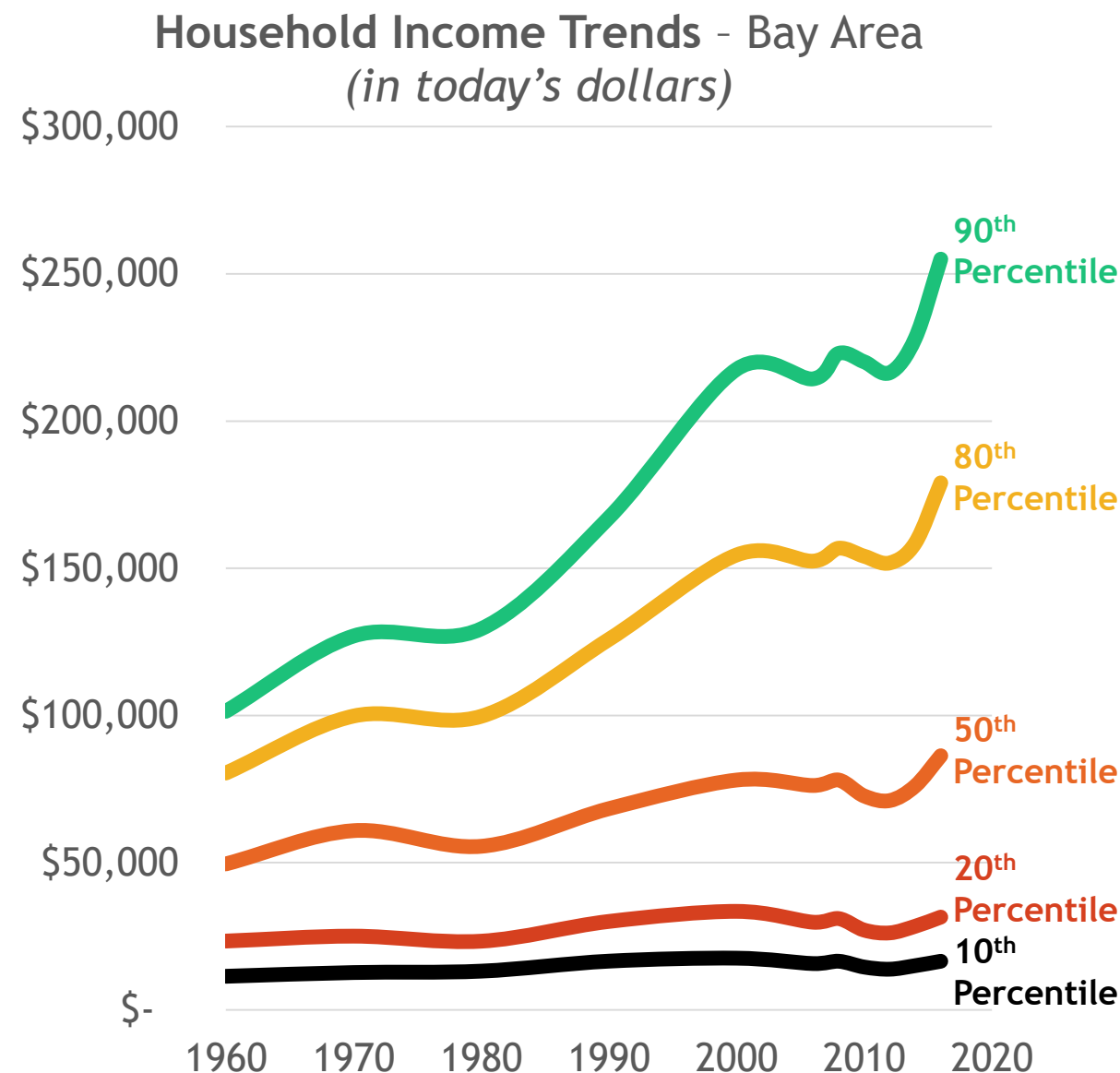


Taxi and Limousine Service
Share of Sole Proprietor
Revenue



Incomes are Growing - but Not for Everyone

- **Wages are bifurcating**, with growing incomes for the wealthy while lower-income households' earnings remain relatively stagnant.
- **Income is becoming less predictable** at the same time as benefits have become more limited, especially for lower-income workers.
- **Income inequality has been rising since the 1970s**; just over 10 countries are more unequal than the Bay Area.



Source: iPUMS, 1960 to 2016

Educational Attainment Plays a Major Role in Income

- Consistent with past decades, a higher level of educational attainment generally correlates with higher wages after graduation.
- Still, educational level is not the strongest predictor of wages - note the wide ranges, particularly for those with a bachelor's or postgraduate degree.

2017 Wages by Educational Attainment - Bay Area 25th Percentile to 75th Percentile

\$6,700
to
\$40,400

High school or equivalent

\$21,200
to
\$109,200

Bachelor's degree

\$41,400
to
\$152,800

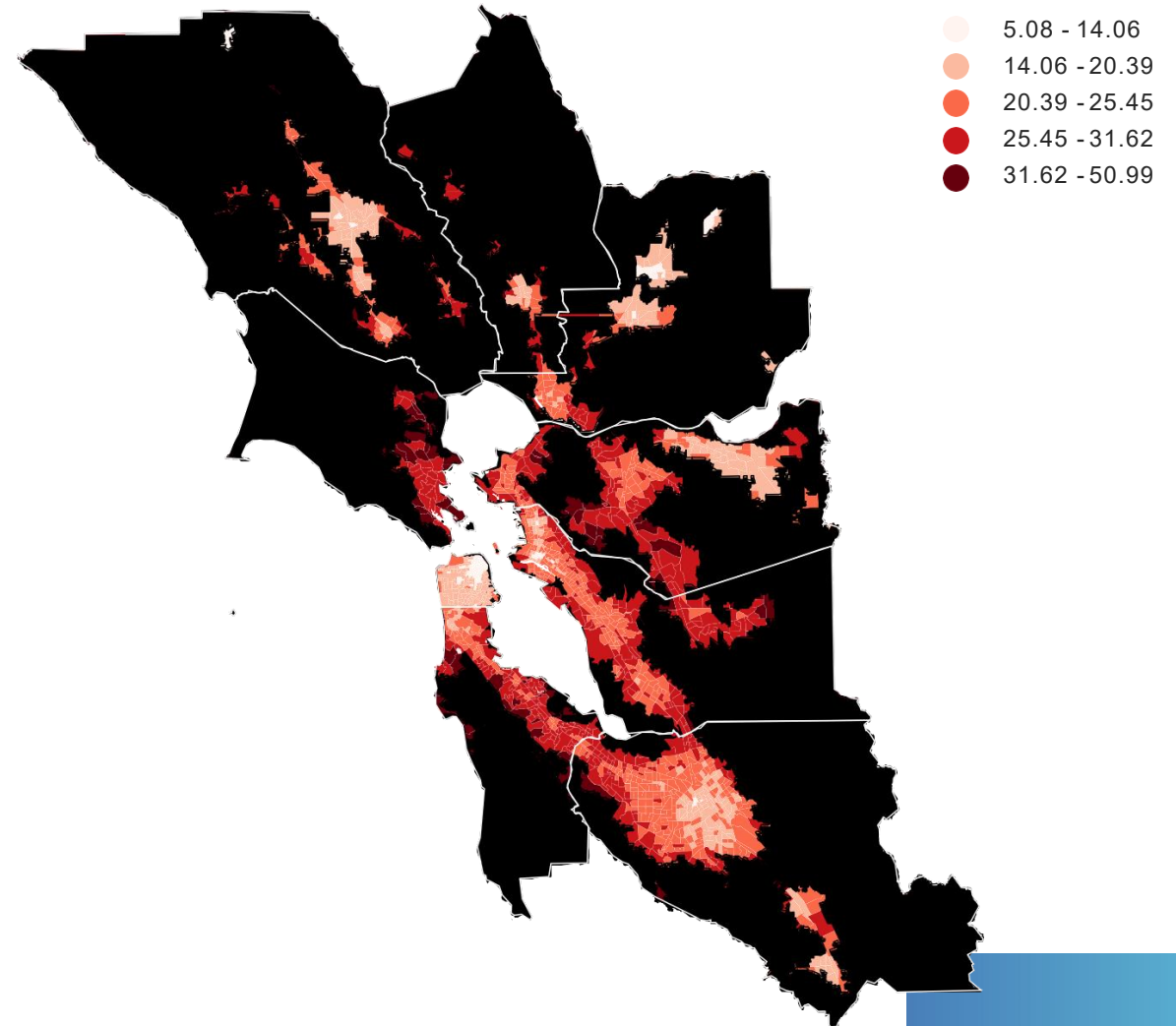
Postgraduate degree

Source: PUMS (1-year), 2017

Simultaneous Concentration and Decentralization, Job Sorting

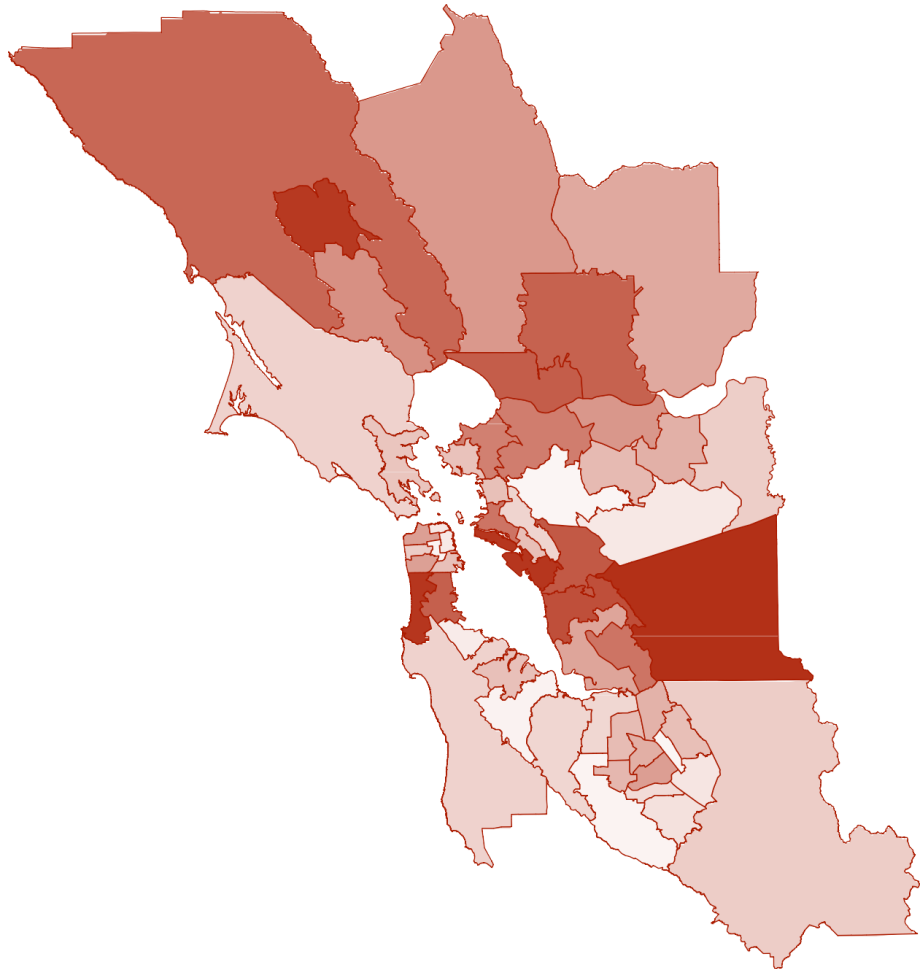
- Higher-wage jobs continue to concentrate in San Francisco and Silicon Valley - with lower-wage jobs moving to the East Bay and North Bay.
- Enhanced virtualization could allow for greater decentralization.
- At the same time, higher employment densities w/ hoteling may fit more workers in existing buildings.

Estimated VMT per Employee
Urbanized Areas
by place of work (2020 est.)

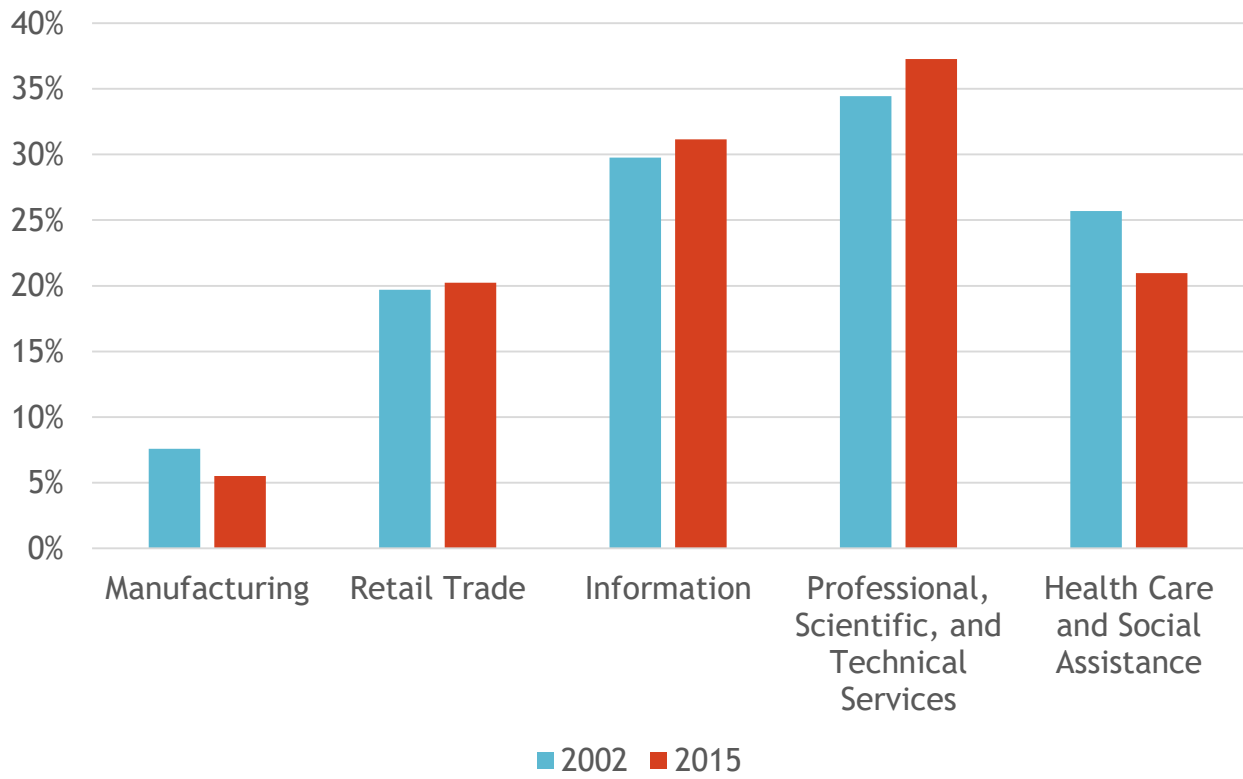


Manufacturing Less Concentrated, Professional Svcs More So

Where are production workers living?

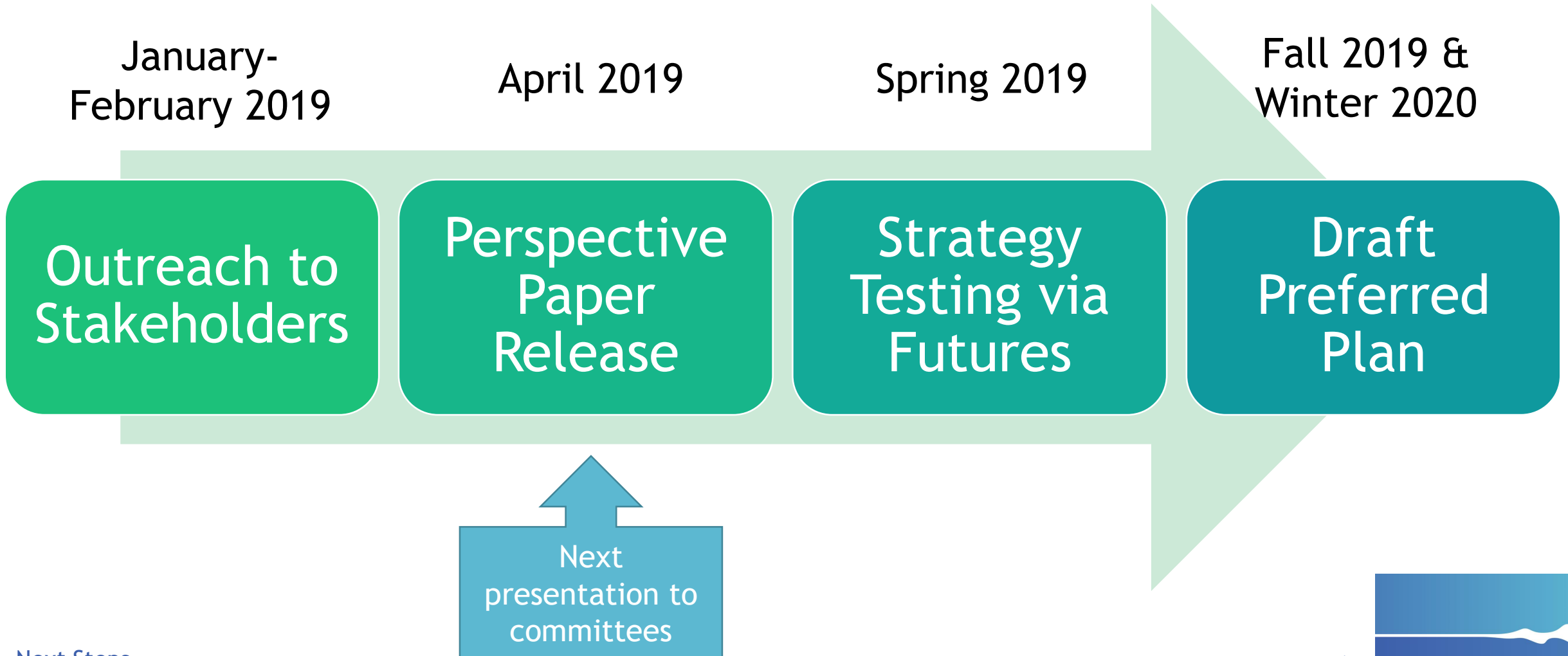


Share of Jobs within 1km of CBD



Source: (Left) US Census, ACS PUMS (Right) Census 1982 of Retail, LEHD LODES

What's Next for The Future of Jobs Paper?





Metropolitan Transportation Commission

375 Beale Street, Suite 800
San Francisco, CA 94105

Legislation Details (With Text)

File #: 19-0108 **Version:** 1 **Name:**

Type: Report **Status:** Informational

File created: 1/29/2019 **In control:** ABAG Regional Planning Committee

On agenda: 2/6/2019 **Final action:**

Title: Report on 2019 Roadmap: From Horizon to Plan Bay Area 2050

Sponsors:

Indexes:

Code sections:

Attachments: [Item 09 Memo RoadmapToPBA50_DRAFT vRPC.pdf](#)
[Item 09 Attachment A Horizon PBA50 Schedule.pdf](#)
[Item 09 Attachment B RoadmapToPBA50_RPC.pdf](#)
[Item 09 Attachment C Call for Projects v2.pdf](#)
[Item 09 Attachment D NeedsAssessment v3.pdf](#)
[Item 09 Attachment E Growth Framework Update v2.pdf](#)

Date	Ver.	Action By	Action	Result
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Report on 2019 Roadmap: From Horizon to Plan Bay Area 2050
Dave Vautin
Information

M E M O R A N D U M



TO: ABAG Regional Planning Committee

DATE: February 1, 2019

FR: Executive Director

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

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.



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)

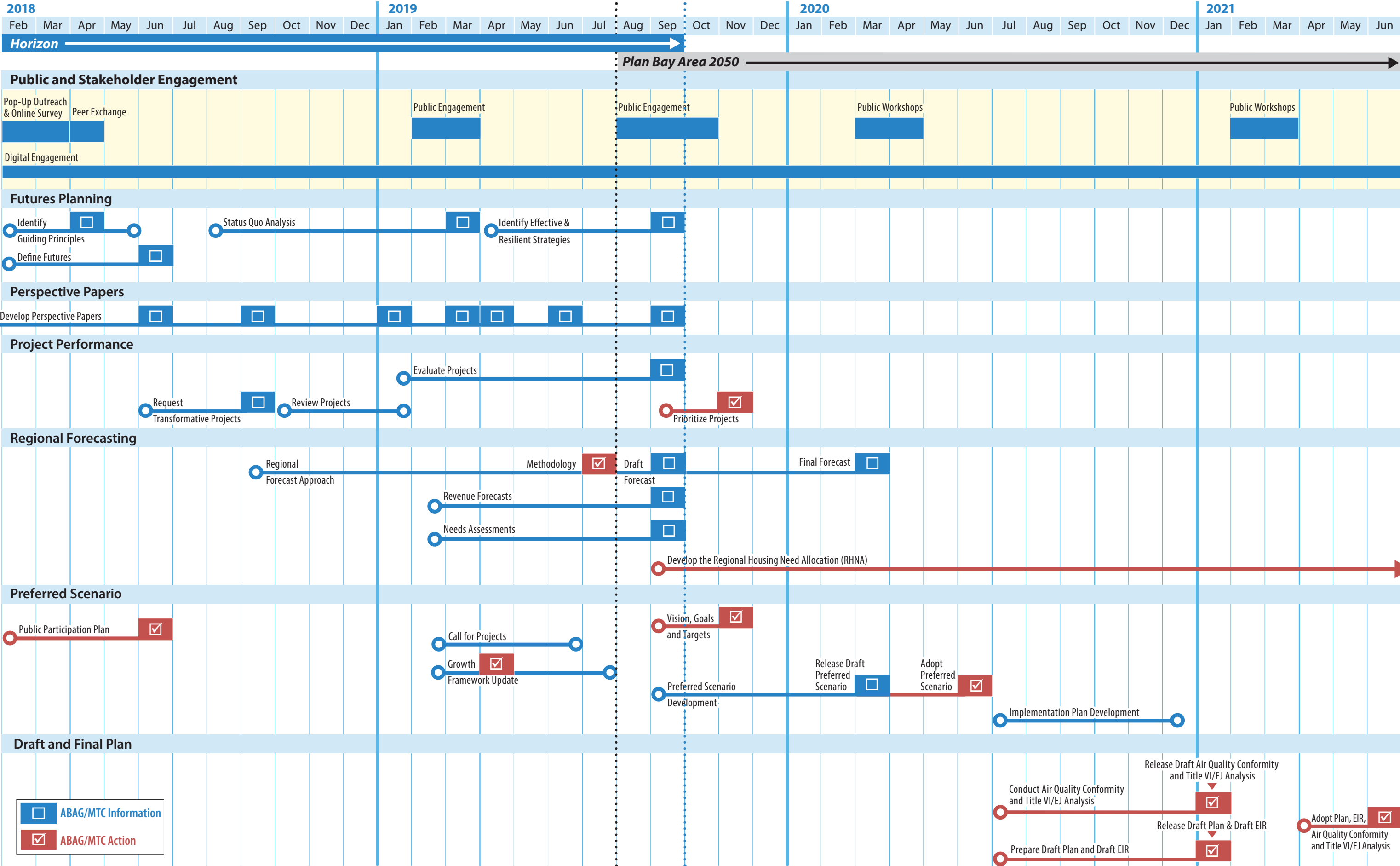
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Horizon and Plan Bay Area 2050 (RTP/SCS): Key Milestones 2018–2021

(Dates are tentative and subject to change.)

HORIZONPLAN BAY AREA 2050



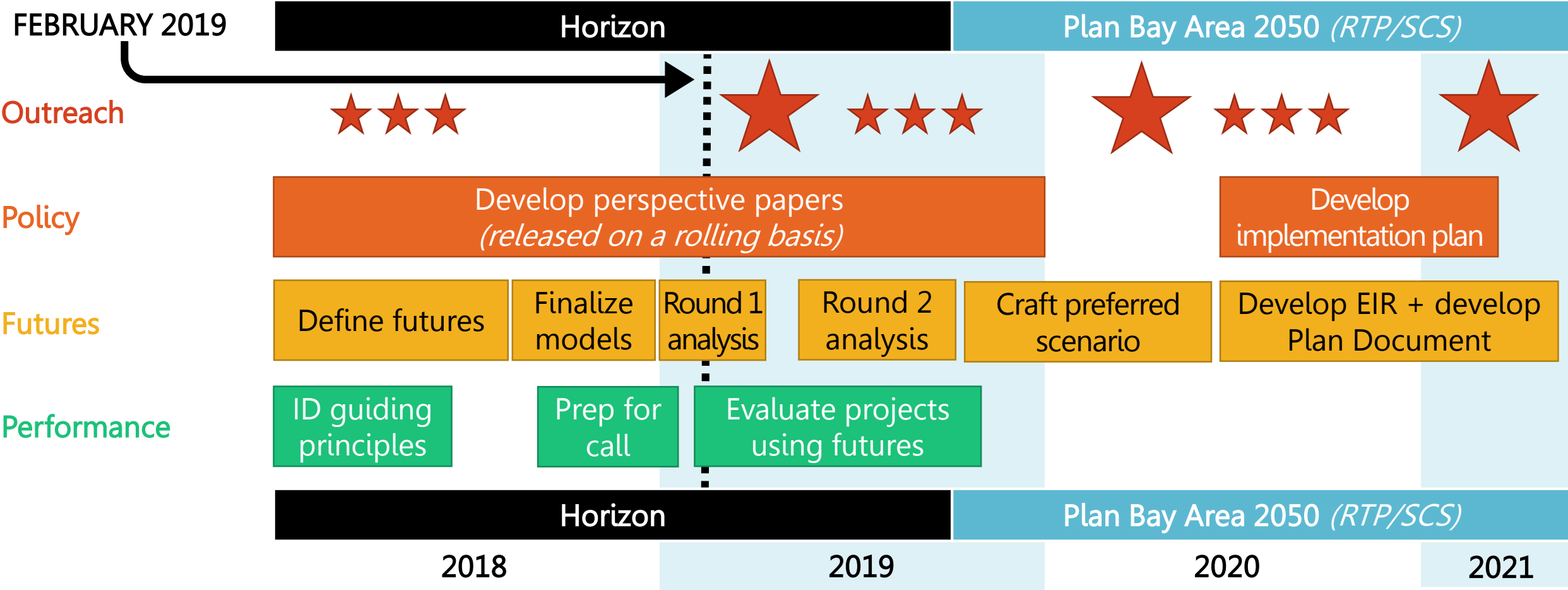
An isometric illustration of a winding road with various signs and icons. The signs include a target, a bar chart, a line graph with an upward arrow, three stars, a magnifying glass, and an envelope. There are also trees, clouds, and checkered flags at the end of the road. The word 'HORIZON' is written in white capital letters on a blue background in the top left corner.

H O R I Z O N

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

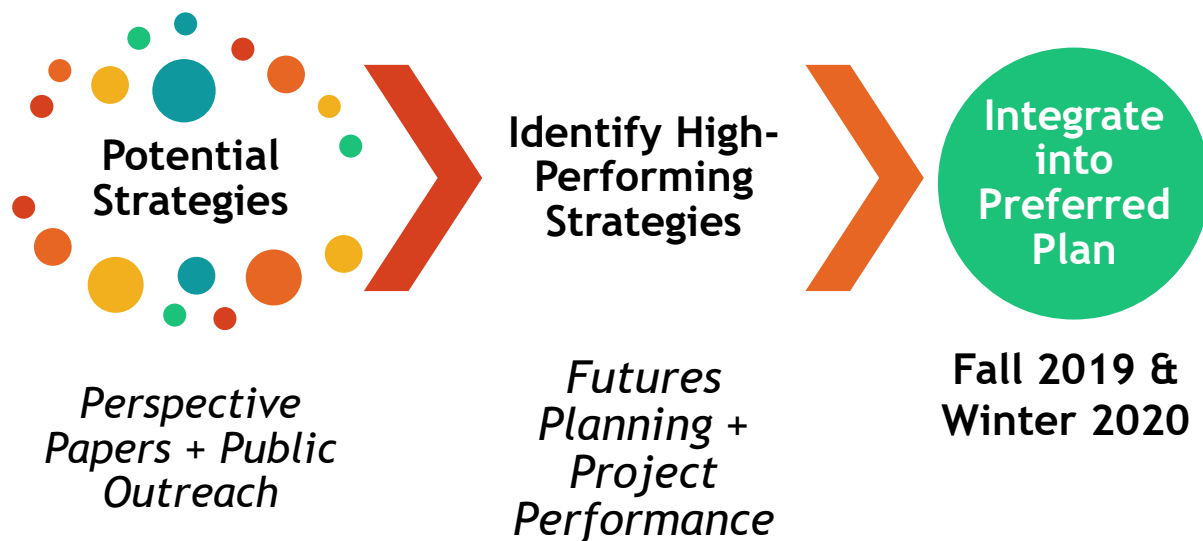
Dave Vautin and Adam Noelting, MTC/ABAG
ABAG Regional Planning Committee
February 6, 2019

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

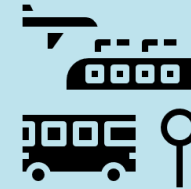
Project
Performance

Project Performance Results

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

Plan
Preparatory
Work

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

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

- Regional Housing Needs Assessment (RHNA)



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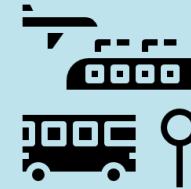
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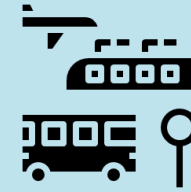
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Perspective
Papers

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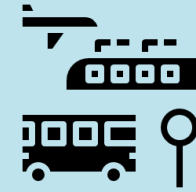
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Papers

Challenges & Opportunities Report
“Win-Win” Strategies Report



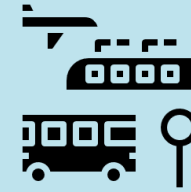
Futures

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Futures

Challenges & Opportunities Report

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Performance

Project Performance Results

Plan
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Work

Call for Projects

Needs & Revenues (Transportation)

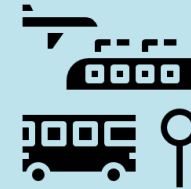
Needs & Revenues (Housing)

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Growth Framework (PDAs, etc.)

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- Environmental Impact Report
- Implementation Plan

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

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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.

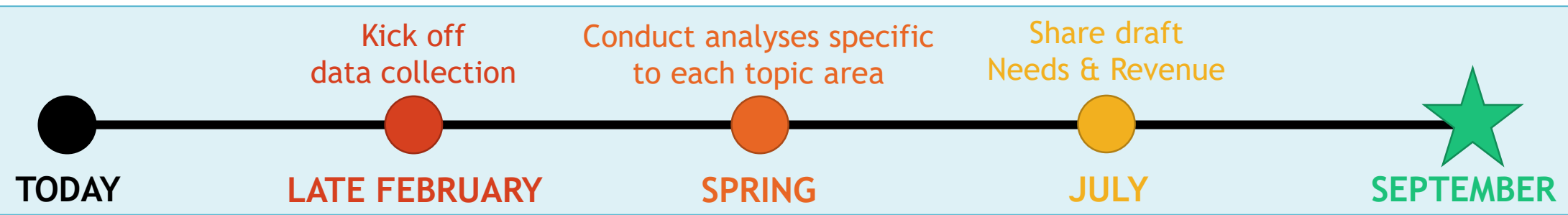


Needs & Revenue Assessments

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.



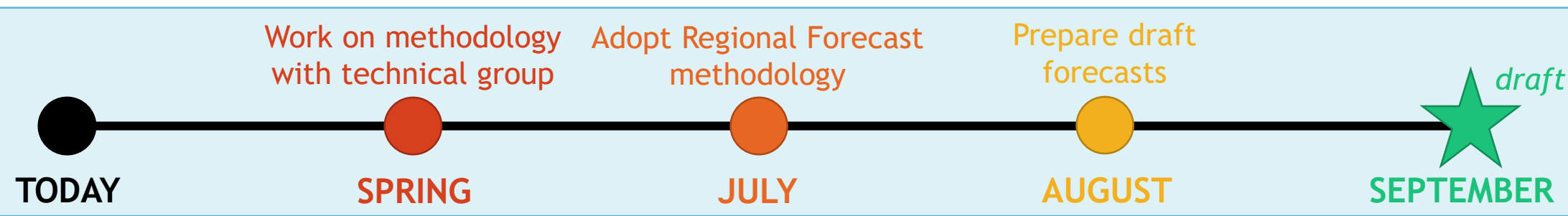
Regional Growth Forecast

(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.

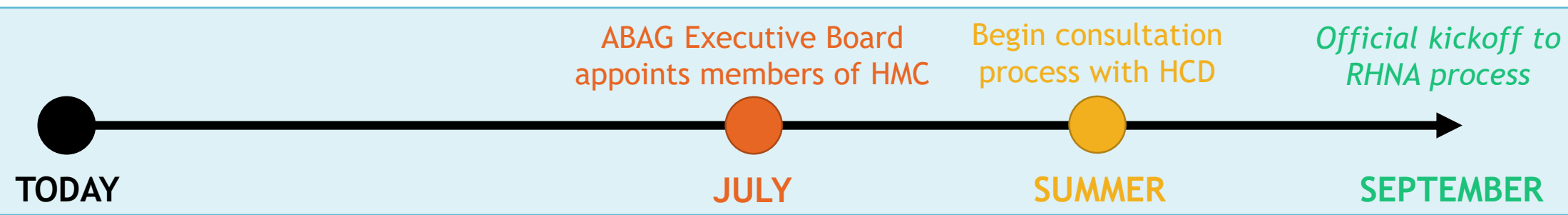


Regional Housing Needs Allocation

(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
- Adam Noelting - 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">▪ Similar requirements to Plan Bay Area 2040▪ Emphasis on identifying regionally-significant, capacity-increasing projects (projects exempt from air quality analysis will be grouped into programmatic categories)▪ Continued encouragement for engagement with disadvantaged communities▪ Greater integration to past and current initiatives<ul style="list-style-type: none">○ Plan Bay Area 2040 major projects/programs○ 2019 TIP funded projects/programs○ Horizon Transformative Projects	
<i>Specific Tasks</i>		
1. Timeline	<ul style="list-style-type: none">▪ Late February 2019 - Kick-off Call for Projects▪ February and March 2019 - MTC/ABAG staff meet with CTAs and multi-county project sponsors▪ June 30, 2019 - official submittal deadline	
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"> ▪ Hold at least 1 public meeting; ▪ Document the process; and, ▪ CTAs and multi-county project sponsors should follow best practices as identified in MTC's adopted Public Participation Plan.
	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 June 30, 2019:</p> <ul style="list-style-type: none"> ▪ Official list of candidate projects/programs; ▪ Public engagement checklist documenting the process; and ▪ Board resolution and agenda materials.

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"> ▪ 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. ▪ Only committed projects which add additional service should be included in the Transit Operating Needs Assessment <ul style="list-style-type: none"> ○ 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. ▪ 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.
Timeline	<ul style="list-style-type: none"> ▪ Mid-February 2019, Release of Transit Operating Needs Assessment ▪ MTC staff are available to assist transit operators throughout the process. ▪ May 17, 2019, Transit Operating Needs Assessments are Due
Requested Information	<ul style="list-style-type: none"> ▪ Projected costs to operate at existing service levels over the period of the Plan. <ul style="list-style-type: none"> ○ 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. ▪ Projected costs and service levels associated with planned, committed projects. ▪ Projected revenue from local sources to be used for transit operations. <ul style="list-style-type: none"> ○ 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. ○ Please include expected Regional Measure 2 or other bridge toll operating contributions.



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*