

## Administrative Committee

Retreat

February 9-10, 2012

### The Meritage Resort & Spa

875 Bordeaux Way (formerly Trefethen Way)

Salon VIII

Napa, California 94558

## Thursday, February 9, 2012

- 12:30 PM – 1:30 PM      **Working Lunch**—Salon VIII
- 12:30 PM                    **Call to Order**  
President Mark Luce, Supervisor, County of Napa
- 12:30 PM – 1:30 PM      **Presentation on Economic and Demographic Projections**  
(Ken Kirkey)  
*Discussion: What are the key findings regarding the SCS Economic and Demographic Projections?*  
Attachment: Rapport memo, *Economic and Demographic Projections*, dated 2/3/12
- 1:30 PM – 3:30 PM      **Sustainable Communities Strategy and Regional Housing Need Allocation: County by County Discussion**  
(Ken Kirkey)  
*Discussion: Strategy for release of Preferred Scenario and RHNA Methodology; Issues and Challenges presented by Preferred Scenarios; What are the major messages we want to present to our members and the public?*  
Attachments: Rapport memo, *SCS Preferred Scenario Approach and Regional Housing Need Allocation*, dated 2/3/12; Gennari article, *Let's Talk: Democracy Depends on Civility*, dated 2/3/12
- 3:30 PM – 4:00 PM      **Break and Hotel Check-in**
- 4:00 PM – 5:00 PM      **The Changing Role of the Joint Policy Committee**  
(Ezra Rapport)  
*Discussion: What does ABAG want the role of the JPC to be?*  
Attachments: JPC memo, *Review of JPC Purpose, Processes and Topics*, dated 1/11/12; JPC memo, *Initial Questions for JPC 2-month Review*, dated 1/13/12

# Association of Bay Area Governments

Administrative Committee

Retreat

February 9-10, 2012

## AGENDA (continued)

- 5:00 PM – 6:00 PM      **ABAG Funding** (Ezra Rapport)  
*Discussion: Progress report on ABAG/MTC subcommittee work on Long-term funding strategy for ABAG Planning & Research Department. Agreement on strategy and conditions.*
- 6:00 PM                      **Adjourn Session**
- 7:30 PM                      **Dinner**—Fish Story, 790 Main Street at Third, Napa

## Friday, February 10, 2012

- 7:15 AM – 8:30 AM      **Breakfast**—Salon VIII
- 8:30 AM                      **Reconvene Session**
- 8:30 AM – 9:00 AM      **Continuation of ABAG Funding Discussion**
- 9:00 AM – 10:00 AM    **The State of San Francisco Bay 2011 Report and Fresh Water Inflows** (Judy Kelly)  
*Discussion: Should ABAG engage in the flows question?*  
*Attachments: State of the Bay 2011 Highlights; The State of the San Francisco Bay 2011; Primer on On-Going Delta Planning Programs and Issues*
- 10:00 AM – 11:30 AM    **ABAG Legislation and Redevelopment** (Ezra Rapport)  
*Discussion: Strategy for obtaining member support for entitlement streamlining legislation and discussion of need to hold public workshops on impact of elimination of redevelopment agencies on local government.*  
*Attachments: Draft legislation; fact sheet*
- 12:00 PM – 1:30 PM      **Lunch**
- 1:30 PM                      **Adjourn Retreat/Hotel Check-Out**

# ASSOCIATION OF BAY AREA GOVERNMENTS

Representing City and County Governments of the San Francisco Bay Area

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February 3, 2012

To: ABAG Administrative Committee  
From: Ezra Rapport, ABAG Executive Director  
Subject: Economic and Demographic Projections

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Staff will present an overview of the economic and demographic trends and projections for the Sustainable Communities Preferred Scenario. This work is supported by our team of economists, planners, and housing consultants.

This analysis addresses the potential for the region to achieve a healthy growth by 2040 and highlights the industries that can create the most jobs. On the population side, the analysis includes an assessment of changes in age and ethnic composition by 2040 and its implications on housing demand and labor force participation. On the housing side, the analysis provides an overview of previous housing production trends and an assessment of our housing production potential in the Preferred Scenario. It takes into account the current high vacancies, increasing demand for multifamily housing, and expansion of group housing. The housing production analysis also includes a set of policies and investments that will be required to deliver housing at the appropriate levels of affordability and locations.

Staff will summarize the levels of regional growth for the Preferred Scenario by 2040 under reasonable planning assumptions.

Please find attached a memo on job forecast by Steve Levy and a memo on the regional jobs and housing and income approach.

**CENTER FOR CONTINUING STUDY OF THE CALIFORNIA ECONOMY**

132 HAMILTON AVENUE • PALO ALTO • CALIFORNIA • 94301

TELEPHONE: (650) 321-8550

FAX: (650) 321-5451

[WWW.CCSCE.COM](http://www.ccsce.com)

February 2012

**Bay Area Job Growth to 2040**

**Projections and Analysis**

Prepared for:

Association of Bay Area Governments

Prepared by:

Stephen Levy

## **Introduction**

In September 2011, the Association of Bay Area Governments (ABAG) asked the Center for Continuing Study of the California Economy (CCSCE) to prepare regional job projections to 2040 and to assist ABAG staff in preparing population and household projections. This report is focused on the job projections prepared by CCSCE and includes a summary of the methodology, a description of the projections and an explanation of past, current and projected job growth in the region.

The projections and this report were prepared by Stephen Levy, CCSCE's Director.

CCSCE acknowledges the assistance and support of Miriam Chion, Justin Fried, Ken Kirkey and Ezra Rapport from the ABAG staff who provided guidance and encouragement through the time we worked together. CCSCE also acknowledges Jon Haveman and Sean Randolph of the Bay Area Council Economic Institute. Jon provided assistance in interpreting the Council's December 2011 economic forecast and Sean allowed CCSCE to use quotes and slides from the Institute's upcoming Bay Area Economic Profile prepared with the assistance of McKinsey & Company.

## **Summary**

The Bay Area is projected to add more than 1.2 million jobs between 2010 and 2040 and to grow slightly faster than the state and nation.

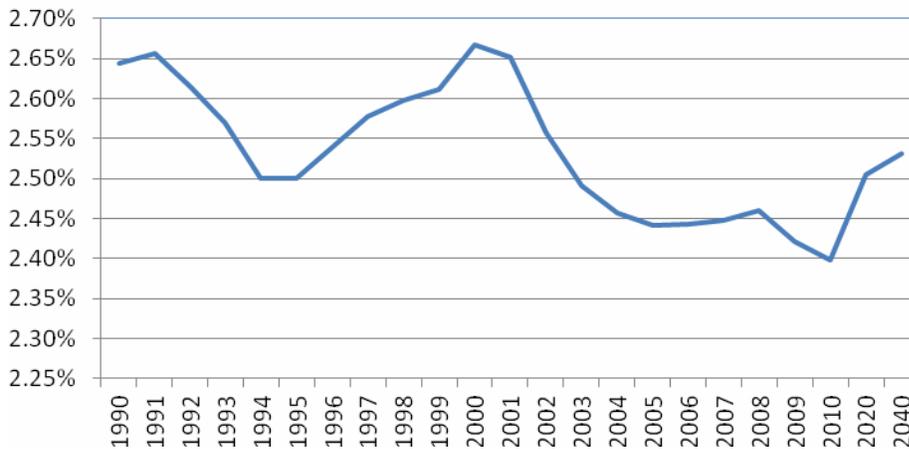
Total Jobs (Thousands)			
	2010	2040	% Growth
Bay Area	3,385.3	4,617.5	36.4%
United States	141,821.3	183,310.7	29.3%
Bay Area % of U.S.	2.39%	2.52%	

Source: 2010-U.S. Bureau of Labor Statistics (BLS), the California Employment Development Department (EDD) and CCSCE; 2040-CCSCE

The region is expected to slowly recover the jobs lost during the recent recession and then experience moderate job growth to 2040. The Bay Area is projected to slightly outpace the state and nation in future job growth driven by the region’s large concentration and continuing competitive advantage in many areas of technology and the region’s position as a Pacific Rim trade and finance center.

Still, in 2040 the region is expected to have a smaller share of U.S. jobs than in 1990 before the defense cutbacks or in 2000 before the dot.com bubble burst.

### Bay Area Share of U.S. Jobs



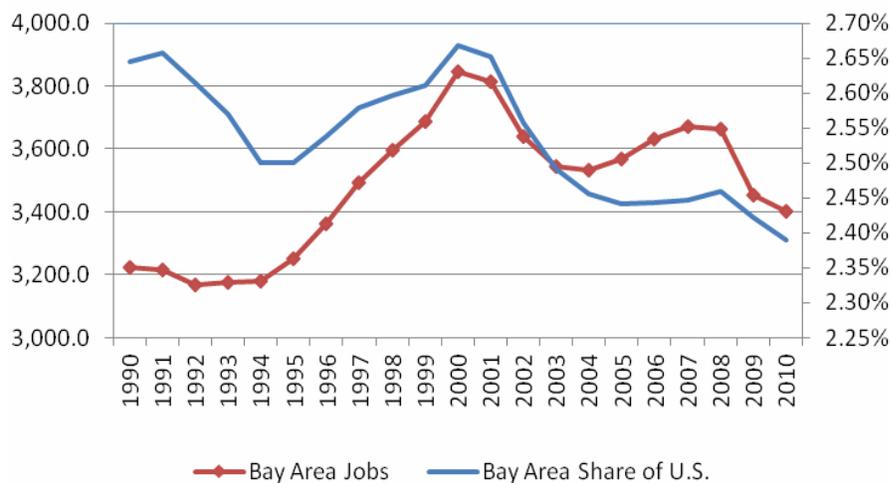
The remainder of this report explains these findings and why the Bay Area is expected to reverse the lagging job growth of the past decade.

### Bay Area Job Trends 1990-2010

Bay Area job levels experienced ups and downs during the two decades after 1990. Between 1990 and 1994 the Bay Area experienced a jobs recession that lasted longer than the nation's although job losses were relatively modest. During this period the region was hit with defense related cutbacks lost more than 40,000 jobs associated with lower defense spending on aerospace and the closure of military bases. These losses deepened in the following years and were a permanent loss of part of the region's economic base.

During these years the region's share of national jobs fell from 2.64% in 1990 to 2.50% in 1995 as the nation recovered more quickly from the 1990-91 recession and experienced a smaller impact from defense related job losses.

### Bay Area Job Trends 1990-2010



During the late 1990s the regional economy roared back as technology and the dot.com boom took over. The Bay Area added more than 600,000 jobs between 1994 and 2000 while matching the previous record share of the nation's total jobs. Regional job gains were led by computer services, information services related to the Internet and computer and electronics manufacturing.

However, many of the jobs created during the dot.com boom quickly disappeared in the years after 2000 as the boom turned into the dot.com bubble bust. The region lost more than 300,000 jobs between 2000 and 2004 and the region's share of U.S. jobs fell from 2.67% to 2.46%. The region lost 1/3 of the computer and electronics manufacturing jobs after 2000 and a larger share of the Internet related jobs while experiencing some job losses in professional, technical and scientific services and temporary help agencies, all sectors serving the region's technology firms.

Between 2004 and 2007 the Bay Area once again outpaced the nation in job growth and was slowly recovering the job and share losses after 2000 when the recession

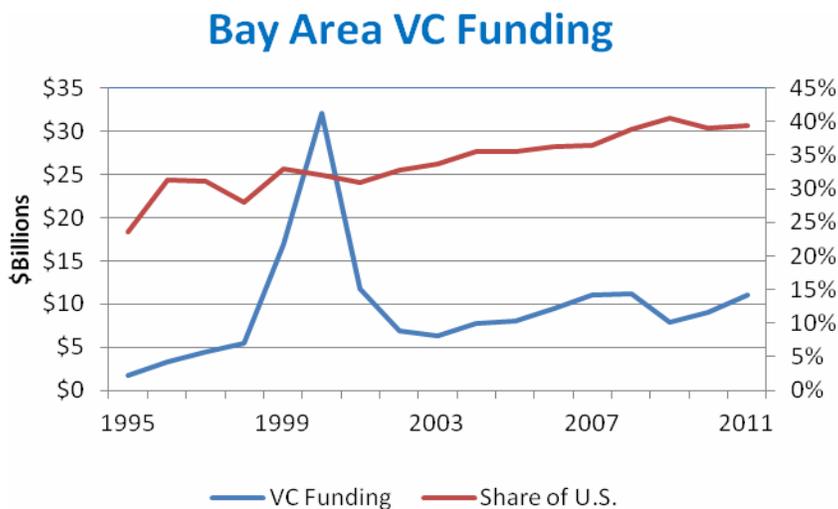
created by the housing and financial crises hit the nation, state and region toward the end of 2007.

Once again the region lost nearly 300,000 jobs and by early 2010 saw the region's share of national jobs fall to the lowest since before 1990.

However, this time the job losses had a different structure and told a different story. The largest job losses since 2007 were related to construction and finance with nearly 100,000 jobs lost as a result of the housing and financial sector crises. More than 50,000 jobs were lost in the retail trade and government sectors. While technology and trade sectors experienced job losses after 2007, these were modest and temporary with recovery starting in late 2010 and extending into 2011.

While the recessions after 1990 and 2000 caused permanent job losses in the region's economic base, the recent recession did not. While many indicators of this fact will be described below, venture capital trends show the region's continuing strength in a single picture.

Bay Area VC funding rebounded in 2010 and 2011 approaching pre-recession levels. At the same time the region's share of national VC funding has been on a fairly steady uptrend since 2000 reaching record levels during recent years. These gains plus a surge in technology hiring from existing firms has pushed Bay Area job growth above the national average in 2011 with further gains expected in 2012 and 2013.



### The Short-Term Outlook: 2011-2013

In December 2011 the San Jose metro area tied with Houston for the highest rate of job growth for all large metropolitan areas in the nation during the preceding 12 months. During that period the metro area saw a gain of 25,700 jobs for a 3.0% increase compared to the nation's 1.3% gain. The San Francisco metro area also strongly

outpaced the nation. Job growth in both metro areas was driven by gains in technology sectors.

Job gains were recorded in Internet-related activities, computer and electronics manufacturing and especially in professional, scientific and technical services. Bay Area companies reported hiring gains driven by customer demand for their goods and services. Bay Area companies including Google, Apple, Facebook, LinkedIn and Zynga made business news headlines regularly reporting good news. Rents and building prices surged in tech centers including San Francisco, Palo Alto and San Jose as reported in the San Francisco and Silicon Valley Business Journals.

In December 2011 the Bay Area Council Economic Institute released their regional economic forecast prepared in partnership with the Anderson Forecast Project at UCLA.

The UCLA forecast highlights include:

- Between the first quarter of 2011 and the fourth quarter of 2013, the region is expected to add more than 200,000 jobs for a gain of 7.5%. This gain is compared with a 4.5% increase expected in California
- During that period the unemployment rate is forecast to drop from 10.5%% to 8.1%. By December 2011, the regional unemployment rate had declined to 8.6%.
- Gains in personal income and taxable sales are forecast to outpace inflation.
- New housing construction is forecast to start a recovery in 2013.

In February 2012 Facebook announced their upcoming IPO, which together with the successful IPOs at LinkedIn, Zynga and other Bay Area companies confirmed that it was, once again, possible for entrepreneurs and workers to see a financial payoff from innovation and risk taking.

## **Job Growth and Trends to 2040**

The Bay Area job projections were developed using three guiding principles:

- 1) The Bay Area projections were based on projections of job growth in the nation and state. The national and state projections provide the **pool of job opportunities** and the Bay Area projections reflect judgments about the **share** of national and state job growth that will locate in the Bay Area.

- 2) The Bay Area **share** of national and state job growth is determined by the industry composition of job growth and the projected share of job growth locating in the Bay Area. If national and state job growth is concentrated in sectors where the Bay Area has a competitive advantage, the region's projected job growth will be higher than if national and state job growth is concentrated in sectors where the region has a below average share of jobs and a relatively poor competitive position.
  
- 3) The analysis of competitive advantage is focused on sectors in the Bay Area **economic base**. The region's economic base consists of those sectors that sell a high proportion of goods and services to customers outside the region. They export goods and services to customers in world and national markets and markets throughout California. Key examples of economic base sectors in the Bay Area are manufacturing, information services related to the Internet, professional, scientific and technical services such as computer services and scientific R&D services, and foreign trade and tourism sectors.

### U.S. Job Growth to 2040

The U.S. job growth projections have three principal components:

- 1) A new, post-2010 Census set of population projections to 2040
  
- 2) Labor force participation rate projections that reflect longer working lives for older workers
  
- 3) Industry sector projections developed by CCSCE based on a review of existing national projections

The population and labor force projections determine the amount of job growth projected between 2010 and 2040 and the industry projections identify the structure of job growth as an input to state and Bay Area job projections.

The resulting national projections of job growth are shown below.

United States Total Jobs (Millions)			
	2010	2020	2040
	141.8	163.2	183.3
	2010-2020	2020-2040	2010-2040
Change	21.3	20.1	41.5

% Change	15.1%	12.3%	29.3%
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Source: 2010-U.S. Bureau of Labor Statistics (BLS) ;  
2020 and 2040-CCSCE

The nation is expected to add 41.5 million jobs between 2010 and 2040 for an increase of 29.3%. Slightly more than half of the projected increase is expected to occur in the next ten years. The percentage increase in jobs (15.1%) between 2010 and 2020 is actually larger than the projected increase (12.3%) for the following 20 years.

The concentration of job growth in the first ten years has two explanations, both of which apply to the state and Bay Area job projections:

- 1) A significant part of the job growth projected to 2020 includes the recovery of job losses incurred during the recession. The nation lost more than 8 million jobs during the recession. The national forecasts reviewed by CCSCE all have the nation regaining full employment by 2015 or 2016. As a result the 2020 projections include erasing the recession job losses plus added gains in the latter half of this decade.

The job growth numbers look different when measured from the peak before the recession. Job growth between 2007 and 2020 is projected to be 13.1 million and the projected growth rate is 8.8% compared to the 21.3 million jobs and 15.1% growth rate measured from 2010.

- 2) After 2020 labor force and job growth slows as the tidal wave of baby boomer retirements takes effect. U.S population is projected to increase by 16.3% between 2020 and 2040, which is faster than the projected job growth (12.3%) and the reason is the retirement of the baby boom generation.

### **The Pattern of U.S. Industry Job Growth to 2040**

Projecting industry growth 30 years into the future is a difficult task and although the projections shown below reflect the industry patterns expected by major national forecasting organizations, they come with a high degree of uncertainty in the years after 2020. The projected growth rates shown on the table are for the period from 2007 to 2040 and eliminate the fall and rise of job levels related to the recession and recovery—thus they illustrate the long-term trends.

United States  
Jobs by Major Industry (Millions)

2007	2010	2020	2040	2007-
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					2040
Construction	7.6	5.5	7.4	8.4	10.6%
Manufacturing	13.9	11.5	11.7	10.7	-23.2%
Wholesale Trade	6.0	5.5	6.1	6.1	1.6%
Retail Trade	15.5	14.4	15.4	15.9	2.7%
Transp., Warehousing and Utilities	5.1	4.7	5.4	5.8	14.2%
Information	3.0	2.8	3.0	3.2	5.2%
Financial Activities	8.3	7.7	8.5	8.9	6.6%
Professional and Business Services	17.9	16.7	21.4	27.0	50.3%
Educational and Health Services	18.3	19.6	24.2	30.6	66.8%
Leisure and Hospitality	13.4	13.0	15.7	18.3	36.6%
Other Services	5.5	5.4	6.2	6.9	25.9%
Government	22.2	22.5	23.7	25.9	16.6%
Self Employed	11.3	10.6	12.5	14.0	23.6%
Total Jobs	150.0	141.8	163.2	183.3	22.2%

Source: 2007,2010-U.S. Bureau of Labor Statistics (BLS)  
2020 and 2040-CCSCE

However, the projections do show substantial differences in the expected growth rate among industries and these differences tell a story about where job growth is expected and where job levels will remain flat or decline. These differences directly influenced the Bay Area job projections described in a later section of this report. Agriculture and mining were excluded from the table as they are less important to the Bay Area economy, but jobs in these categories are in the totals.

These projections also help identify which job growth is primarily a reflection of regaining jobs lost during the recession and which industries have long-term job growth potential. Some of the major trends include:

- Construction job growth between 2010 and 2020 recovers jobs lost during the recession after which the industry will have modest growth.
- Manufacturing job levels are expected to end the decade close to 2010 levels and decline thereafter, never reaching the pre-recession totals. Manufacturing production is projected to increase substantially between 2010 and 2040 as in recent decades although job growth will lag. The explanation is strong and continuing productivity growth in the sector.

Put simply, over time manufacturing firms can produce more with fewer workers. The size of the U.S. market measured by population growth is below 1% per year while manufacturing productivity has been close to 5% per year over the long term. Even with expanding manufacturing export markets and new advanced

manufacturing opportunities, the sector will see a decline in overall job levels between 2010 and 2040.

- By far the largest percentage job growth is expected in Professional and Business Services and Educational and Health Services. The Professional and Business Service sector includes the fast-growing, high wage professional, scientific and technical services industries and those sectors are critical for projecting Bay Area job growth. The largest percentage growth within these industries is in computer services, scientific research and development services and architectural and engineering services, all key components of the Bay Area economic base.
- The largest and fastest-growing industries are within health and social services and are driven by the aging of the population.
- Retail trade and financial services are sectors undergoing restructuring driven in different ways by technology. Retail trade growth is slowing as more customers take advantage of online shopping and that trend is expected to continue leading to below average job growth for retail trade. In finance, technology such as online banking and mobile phone technology for paying bills is reducing the demand for personnel in banks and technology also makes it easier to process financial transactions so job growth in this sector is also expected to be relatively small.
- Leisure and Hospitality is the other fast-growing sector and includes amusements and hotels as well as the large restaurant sector.
- The information sector is important for the Bay Area and the relatively slow job growth shown above is misleading because it consists of continuing job losses in telecommunications offset by the smaller but fast-growing software and Internet services sectors.

### **California Job Growth to 2040**

The state is projected to experience job growth that is slightly faster than the nation's job growth to 2040. California is expected to recover the recession job losses by 2015 or a year later and the unemployment rate will return to full employment levels between 2015 and 2017 according to the forecasts reviewed by CCSCE.

In addition the state has a favorable industry composition given the expected U.S. job growth in technology, trade and tourism. California is outpacing the nation in job growth in 2011 and is forecast to continue the above average growth to 2020 in the latest UCLA Anderson Forecast.

These results are confirmed by CCSCE's industry jobs analysis.

California Total Jobs (Thousands)

	2010	2020	2040
	15701.4	18713.9	21155.5
	2010-2020	2020-2040	2010-2040
Change	3012.5	2441.6	5454.1
% Change	19.2%	13.0%	34.7%

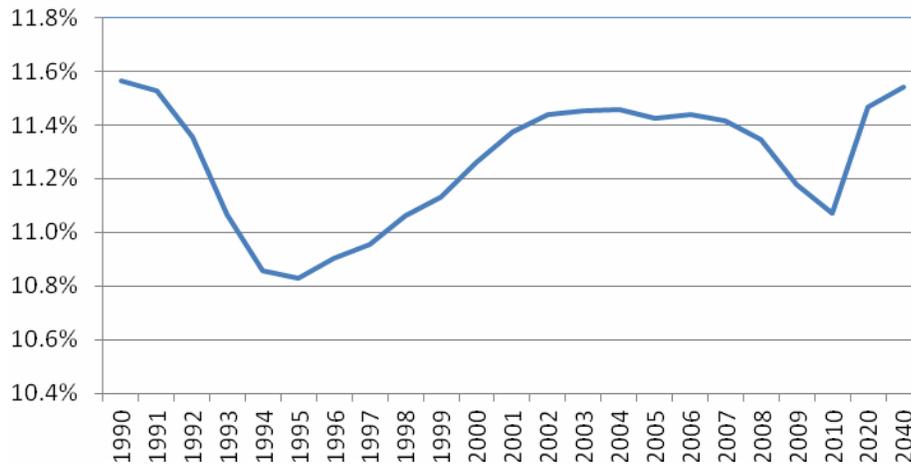
Source: 2010-California Employment Development Department (EDD) and CCSCE; 2020 and 2040-CCSCE

California is projected to add nearly 5.5 million jobs between 2010 and 2040 with the largest absolute and percentage gains in the first decade as the recession job losses are regained and before the heart of the baby boom retirement wave.

The state is projected to see a 34.7% increase in total jobs or slightly above the projected national increase of 29.3%. As with the national projections, the picture changes if job growth is measured from the pre-recession peak. The 2007-2020 gain is then 1.6 million jobs instead of 3.0 million and the percentage increase is 9.2% or slightly above the national job growth rate for this period.

The chart on the next page shows the long-term trend of the state's share of national jobs since 1990. While there are periods of share gain and periods of share losses, the overall pattern is that California job growth roughly matches the national growth rate and the state's projected share of U.S. jobs in 2040 is approximately the same as the share in 1990. The state regains the share losses in the recession by 2020 and then grows slightly faster than the nation between 2020 and 2040.

## California Share of U.S. Jobs



### Bay Area Job Growth to 2040

The Bay Area has a concentration and competitive advantage for most sectors in which technology is applied in the development of goods and services sold to customers around the state, nation and world. This strong position in technology, where job and export growth is expected, is the primary reason that the region is projected to experience job growth at a slightly faster pace than the nation.

The Bay Area concentration can be seen in venture capital flows as shown on page 4 where the Bay Area is capturing 40% of the nation's venture capital funding in recent years, above the shares captured during the dot.com boom.

The Bay Area concentration can be seen in the technology sector job levels shown on the next page. The region with 2.4% of the nation's total jobs in 2010 had 12.0% of computer and electronic manufacturing jobs, 5.8% of pharmaceutical jobs, 10.3% of software jobs, and 8.3% of Internet service jobs.

The Bay Area advantage stands out in key fast-growing, high wage professional, scientific and technical services. In 2010 the region accounted for 3.3% of the nation's architectural and engineering jobs, 7.0% of computer service jobs, 4.3% of management and technical consulting jobs and 8.1% of scientific R&D jobs—all above the 2.4% share of U.S. total jobs in the Bay Area.

Bay Area Share Advantage in Key Technology Sectors (2010 data)  
Jobs in Thousands

	Bay Area	U.S.	Bay Area Share of U.S.
Computer & Electronics Manufacturing	132.5	1,100.1	12.0%
Pharmaceuticals	16.0	276.5	5.8%
Medical Equipment	11.1	359.0	3.1%
Software	26.7	259.8	10.3%
Internet-Related	31.8	383.5	8.3%
Architectural & Engr. Services	42.1	1,276.7	3.3%
Computer Services	100.9	1,441.5	7.0%
Management & Tech. Services	41.7	991.4	4.2%
Scientific R&D Services	50.0	620.3	8.1%
Total Jobs	3,401.8	141,821.3	2.4%

Source: BLS, EDD and CCSCE

The Bay Area Council Economic Institute (BACEI) 2012 profile of the regional economy highlights the competitive advantage for innovation activities in the Bay Area. BACEI has graciously allowed CCSCE and ABAG to cite some of the material prepared for the profile by McKinsey & Company. Innovation highlights include:

- The Bay Area is the dominant region for new patents. In 2010 regional organizations held 16,364 patents while the next largest center, New York, trailed with 6,383 followed by Los Angeles, Boston and Seattle.
- Innovation sectors in the Bay Area accounted for 18.4% of total employment, highest in the nation, followed closely by Boston, Seattle and the Raleigh Triangle with more than 16%. San Diego was next with 14.0% followed by Austin with 12.2%.
- Seven of the top ten social media companies are headquartered in the Bay Area including Google, Facebook, Yahoo, Twitter, LinkedIn, Zynga and Yelp.
- Nearly half of the top 100 clean-tech firms are in the Bay Area.

The Bay Area innovation and technology advantage also comes from having the highest percentage of college graduates in the workforce of all major regional economies. The

Bay Area's 44% is followed by 43% in Boston and 37% in Seattle compared to the 28% national average

Foreign trade and tourism are additional strengths in the region's economic base, in part because the Bay Area is a major center for trade, investment and tourism with Pacific Rim countries. The top six export destinations—China, Japan, Taiwan, South Korea, Hong Kong, and Singapore—all represent fast-growing Asian markets. Bay Area exports are concentrated in high-value technology exports shipped by air.

The Bay Area is the nation's fourth-largest export center behind New York, Houston and Los Angeles.

The BACEI-McKinsey regional profile has some other interesting findings relative to the region's strengths:

- The Bay Area has the second-largest concentration of Fortune 500 firms (30), trailing only New York (45) and ahead of the next highest concentration in Houston (22) and Dallas and Atlanta (10).
- The Bay Area is home to 10 of the Fortune 500 global firms, the most of any U.S. region except New York—Chevron, H-P, McKesson, Wells Fargo, Apple, Intel, Safeway, Cisco, Google, and Oracle.
- The Bay Area is a major travel and tourism center with 57 million flights annually, and 15.9 million tourists in 2010 who spent \$8.3 billion.

### **Projection Methodology and Key Findings**

Job projections to 2020 were developed based on detailed industry projections for the nation and state. The focus was on projecting job growth in the region's economic base sectors and converting these projections to total jobs by projecting the population-serving jobs that would accompany the basic industry job growth and related population increase.

The projections from 2020 to 2040 were developed by concentrating on major industry categories and projecting the Bay Area share of national and state growth based on the analysis of trends in the period from 2007 to 2020.

The region is projected to experience job growth at a slightly faster rate than the state and nation. The primary reasons for this above average job growth is the region's above-average concentration in fast-growing sectors that apply technology to the development of goods and services that are sold to customers around the world. Information and professional services are where the largest job gains are projected for the region's economic base. The Bay Area job growth is also strengthened by the region's position as a major financial and trade center for Pacific Rim countries and as a region where Pacific Rim investors and workers continue to come to live and work.

The Bay Area is projected to add more than 1.2 million jobs between 2010 and 2040 of which approximately 300,000 jobs represent a recovery of jobs lost since the pre-recession peak and just under 1 million jobs represent gains between 2007 and 2040.

Between 2010 and 2020 the region is projected to add nearly 700,000 jobs of which approximately 300,000 represent the recovery of jobs lost during the recession. Job growth is expected to slow during the 20 years between 2020 and 2040 as baby boomer retirements slow labor force growth.

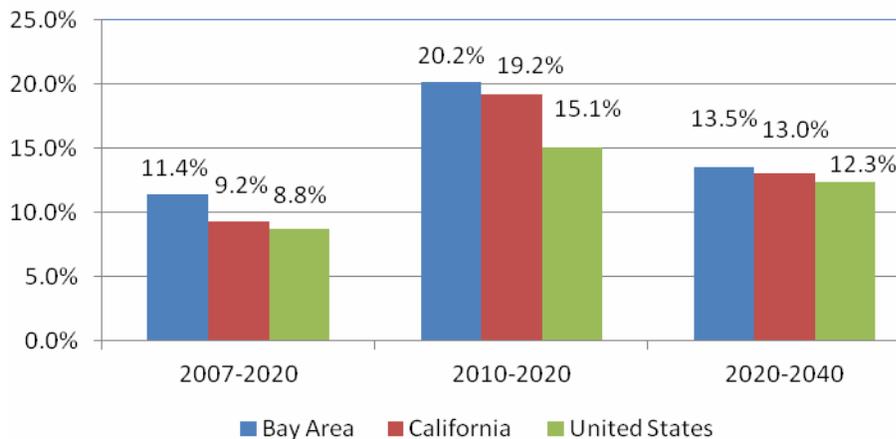
The Bay Area is projected to increase the region's share of California jobs with a gain from 21.6% in 2010 to 21.7% in 2020 and 21.8% in 2040. The Bay Area is also expected to outpace the nation in job growth with the region's share of national jobs going from 2.39% in 2010 to 2.49% in 2020 and 2.52% in 2040.

Bay Area Total Jobs (Thousands)				
	2007	2010	2020	2040
Bay Area Jobs	3652.0	3385.3	4068.5	4617.5
% of CA Jobs	21.3%	21.6%	21.7%	21.8%
% of U.S. Jobs	2.43%	2.39%	2.49%	2.56%

Source: 2007, 2010-BLS, EDD and CCSCE  
2020 and 2040-CCSCE

The region's projected above average job growth is displayed graphically on the following page.

## Growth in Total Jobs



### Major Industry Job Trends

The major industry job trends in the Bay Area over the next 30 years mirror the national trends described on page 9.

Construction job levels will almost regain pre-recession levels by 2020 and will increase slightly to 2040. Although this is a substantial gain measured from 2010 job levels, it is primarily driven by a slow return to more normal construction levels in the region.

Manufacturing job levels are projected to increase slightly between 2010 and 2020 and then continue the long-term decline driven by the disparity between high productivity gains and slow increases in domestic demand as population growth slows and the population continues to age. These projections do not include major manufacturing job gains that might occur in the clean tech sector if regional firms develop products that attract worldwide customers.

The largest job gains in absolute numbers and percentage increases are in Professional and Business Services and Education and Health Services. Within these larger categories the leading sectors are professional, scientific and technical services such as computer services and sectors associated with health care and social services for an aging population.

The national trends of slow growth in retail trade and finance are also expected in the Bay Area.

Above-average job growth is expected in the Information sector led by Internet-related services and in the number of self-employed residents as well as in the Leisure and Hospitality sector, which includes amusements, hotels and restaurants.

Bay Area Jobs by Major Industry (Thousands)

	2007	2010	2020	2040	2007-2040
Farm	23.2	20.7	21.7	19.3	-16.8%
Natural Resources and Mining	2.4	1.9	2.3	2.0	-18.2%
Construction	193.9	130.5	184.3	211.2	8.9%
Manufacturing	348.0	308.3	319.1	291.3	-16.3%
Wholesale Trade	129.2	113.6	134.9	136.3	5.5%
Retail Trade	343.1	308.0	345.4	360.4	5.0%
Transp., Warehousing & Utilities	102.2	90.5	111.1	119.4	16.8%
Information	113.4	111.0	139.6	147.5	30.0%
Financial Activities	201.4	170.6	210.4	219.2	8.8%
Professional & Business Services	581.1	547.1	719.8	912.8	57.1%
Educational and Health Services	385.6	410.5	516.5	655.0	69.9%
Leisure and Hospitality	332.5	324.3	392.7	462.5	39.1%
Other Services	112.1	109.3	139.2	156.8	39.9%
Government	486.0	457.5	482.6	530.1	9.1%
Self Employed	317.5	298.0	368.7	416.4	31.1%
<b>Total Jobs</b>	<b>3671.6</b>	<b>3401.8</b>	<b>4088.3</b>	<b>4640.1</b>	<b>26.4%</b>

Source: 2007, 2010: EDD and American Community Survey for self employed: 2020, 2040: CCSCE. Data includes San Benito County, which is part of the San Jose metro area. As a result the totals are slightly higher than the ABAG region totals cited above in the report.

### **The Challenges to Achieving the Projected Job Growth**

ABAG asked CCSCE to develop what they called an “unconstrained” set of Bay Area job projections. CCSCE’s analysis assumes that over the next 30 years, many of the challenges facing the nation, state and region will be addressed. In addition this analysis assumes that at the regional level, the Bay Area will address challenges of housing, transportation and quality of life as well or better than other regions in the United States.

Providing investors and families a high quality of life is essential to maintaining the Bay Area’s competitive advantage in the technology sectors that are expected to drive the region’s job growth. Up until now the region has done well in the competition for providing great places to live and work. A study of Silicon Valley high tech employers completed in 2011 reported:

“Silicon Valley’s top competitive advantage is its **highly skilled pool of talent**. Executives interviewed for the study say there is nowhere else in the world with such a concentration of highly skilled tech professionals, which is essential for businesses that require a steady stream of talent. The Valley’s **high quality of life**—including beautiful weather, excellent schools, and

the ability to live and work in the suburbs—was another major advantage, making CEOs want to locate their companies there and attracting talented workers and their families.”

On the other hand maintaining a high quality of life is increasingly difficult. A 2011 survey of Silicon Valley CEOs states the quality of life imperative succinctly. The Silicon Valley Leadership Group 2011 CEO Survey reported “a deteriorating state infrastructure in areas ranging from public education to public transportation has added to the difficulties of recruiting the best workforce, finding them housing and educating their children to be tomorrow’s world-class workforce”.

The 2012 Bay Area Council Economic Institute identifies a list of well-known Bay Area competitiveness challenges:

- Housing affordability. Although median home prices have fallen and affordability is higher than it has been in several years, Bay Area median home prices and rents are still well above the national average.
- K-12 and higher education. Both are facing continuing budget cuts throughout California as well as rising tuition levels at the state’s public and private colleges. Moreover, average test scores are at or below nationwide levels and high school dropout rates remain high. While immigration can continue to supply a part of the region’s workforce needs, most jobs will be filled by residents who are born, educated and trained in California.
- Transportation infrastructure. Despite the ongoing work by MTC and local transit districts and the \$billions planned for improving highway and public transit travel, the region does not yet have sufficient funding for all needed transportation infrastructure investments. Although transportation funding is a nationwide problem, it is an especially important challenge in a region that needs to be able to move people and goods efficiently to compete in the 21<sup>st</sup> century global economy
- Governance challenges. California does not as yet have a plan to develop state and local budgets that are balanced and able to provide high quality public services.

The unconstrained job growth analysis shows the competitive strength of the Bay Area economy going forward if these challenges can be met.

ASSOCIATION OF BAY AREA GOVERNMENTS  
 Representing City and County Governments of the San Francisco Bay Area



## MEMO

Date: January 3, 2012  
 To: Steve Heminger, MTC  
 From: Ezra Rapport, ABAG  
 Subject: Regional Jobs, Housing and Income by 2040 for SCS Preferred Scenario

This is an overview of ABAG's approach to develop the economic and demographic assumptions underlying the regional land use plan for the SCS Preferred Scenario. The assumptions for the Preferred Scenario are based on an economic and housing analysis by ABAG assisted by a team of economic, housing, and regional planning consultants. This team includes Steve Levy at the Center for Continuing Study of the California Economy, Dena Belzer and Sujata Srivastava at Strategic Economics, and Karen Chapple at UC Berkeley. Cambridge Systematics also contributed to the analysis of employment by industry sector. This analysis takes into account the 2010 Census data, revised national economic forecasts, demographic analysis of aging population, and changes in assumptions regarding housing production. We expect to complete the analysis for Bay Area regional growth totals within the Preferred Scenario by the end of January 2012.

### Overall approach

The proposed regional growth forecast for the SCS assumes a healthy economy with full employment and reasonably sufficient housing production for the workforce. It also assumes a strengthened link between jobs and housing quality and an assessment of locations sought by the workforce. The assessment of regional growth begins with assumptions about the Bay Area's economy and its potential to produce jobs. This potential job growth influences the population and household totals as well as the income forecast. This job growth is then adjusted by assumptions regarding limitations in the region's housing production. This rationale is developed through the following four steps:

1. **Potential job growth:** Define job growth by 2040 for the Bay Area as a share of the national growth.
2. **Potential population and household growth:** Job growth is translated into labor force, population and household growth, based on labor force participation rates, aging by cohort, and persons per household.
3. **Housing production:** The regional housing production by 2040 is established based on past trends, income, new regional and state urban policies to encourage housing production in priority development areas (PDAs), and local plans and strategies.
4. **Constrained job, population and household growth:** Housing production limitations by 2040 influences the number of workforce households that can be accommodated in the region. This constrained household growth in turn limits job growth in the region, reducing population growth.

## **Employment**

Based on the new economic analysis, the potential job growth in the Bay Area, using full employment assumptions, is estimated at 1.3 million. This growth is based on the Bay Area receiving a share of the national employment growth that is higher than the current share. This assumption is based on the Bay Area's aggregation of knowledge-based industries in the region, our high concentration of research centers, presence of a highly educated and international labor force, growing international networks serving the global economy, and the overall diversity of the regional economy. This estimate of growth is lower than the previous unconstrained growth (scenarios 1 and 2) of 1.5 million jobs and higher than the constrained growth (scenarios 3, 4, and 5) of 1 million jobs.

This potential job growth will be adjusted based on the difficulties in supplying sufficient housing production in the Bay Area to meet the needs of workforce housing within reasonable commute times. The historic imbalances in the Bay Area housing market has resulted in excessively high housing prices in locations close to job centers, and has been consistently cited by employers as the most difficult aspect of recruiting and retaining high quality employees. While we expect the SCS to begin to address some of these imbalances, ABAG has already made an aggressive set of assumptions regarding the available tools to stimulate PDA housing, and view the forecasted housing production as an upper limit. The constrained job growth scenario will not assume an increase in in-commute from 2010, given the congestion limitations of the Central Valley –Bay Area commute..

## **Population and Household**

The potential population growth is calculated based on job growth. We first define the required labor force. We start with the existing population and its labor force participation rates by age cohort. Beyond births and deaths, additional labor force will assume to migrate to the region to support the employment growth. Given the estimated population growth, an assessment of age, gender, and ethnicity will define the household size for the region and at the county level. The scale of the senior population by 2030 and the increasing ethnic diversity of the region are crucial dimensions to define the location and type of housing needed.

This potential population and household growth will be adjusted based on housing production for the Preferred Scenario.

## **Income**

The income levels and distribution by 2040 is based on wages, expected capital gains, and past income distribution. Wages are calculated based on the occupations identified within each industry group. Capital gains are calculated based on state and national forecasts as well as past regional trends. Past income distribution from the Census informs the potential variation in the distribution of income. Income distribution will be defined by county or superdistrict and distributed to the PDA, city, and TAZ levels based on current and past income levels.

## **Housing Production**

The cost and scale of housing production has been a key challenge to economic growth. While this estimate of regional housing production recognizes the policy and cost challenges, it also assumes a healthy economy and major investments. Regional housing production by 2040 also assumes major infill development investments and strategies and a large increase in the share of multifamily housing. Housing production takes into account household income and demand, past housing production trends, cost of housing, and local plans and strategies. The regional total is currently estimated at 770,000 units.

## GENERAL FINDINGS

### Housing production

- Housing production will be low for the next five years.
- The regional rate of employed residents to households is not likely to change much, unless similar constraints on housing production outside of the region would limit spillover supply.
- While assuming no new in-commuting may not be supported by current evidence, capacity constraints and the housing market collapse in many inland areas, along with demographic shifts and changing preferences, may limit further growth in rates of incommuting.
- As a result, maintaining the current (and historical average) jobs per household ratio is a reasonable assumption.
- Demographic and market trends will also influence the type and location of future housing production. Over the next fifteen years, there is projected to be large increases in young adults as well as retiring workers and the elderly. Stable home values and high demand for rental in many inner-bay communities may spur higher rates of sales, downsizing, and higher-density construction. At the same time, outlying areas hit hard by foreclosures and lower home values will likely see higher rates of retirees holding onto larger homes and little new construction for some time. In the later years, from 2025-2040, there will be a resurgence of growth in the family-forming 30-45 year-old cohort, which may lift the housing market in inland areas.

### Demographic trends

- The aging of the population will slow after about 2025. From 2025-2040, there is expected to be a resurgence of growth with the family-forming cohort (30-45 years old). These shifts suggest that:
  - Most of the housing need will be driven by seniors and young adults early on, and by family populations in the later years
  - This means more demand for multi-family housing in the near term, as well as some increased demand for single-family housing in the later years.
  - The current 55-70 year old cohort may choose to age in place for some time, but by the time they reach their 80's it is unlikely they will want to continue to live alone. This will free up some single-family housing for new families and create demand for multi-family housing/assisted living in the later years
- The slowing of immigration and "immigrant uplift" over the coming years will have impacts on multi-generational housing needs, as well as the overall housing market. One assumption is that ethnic populations will assimilate in terms of housing choices, which will result in less multi-generational living by 2040.

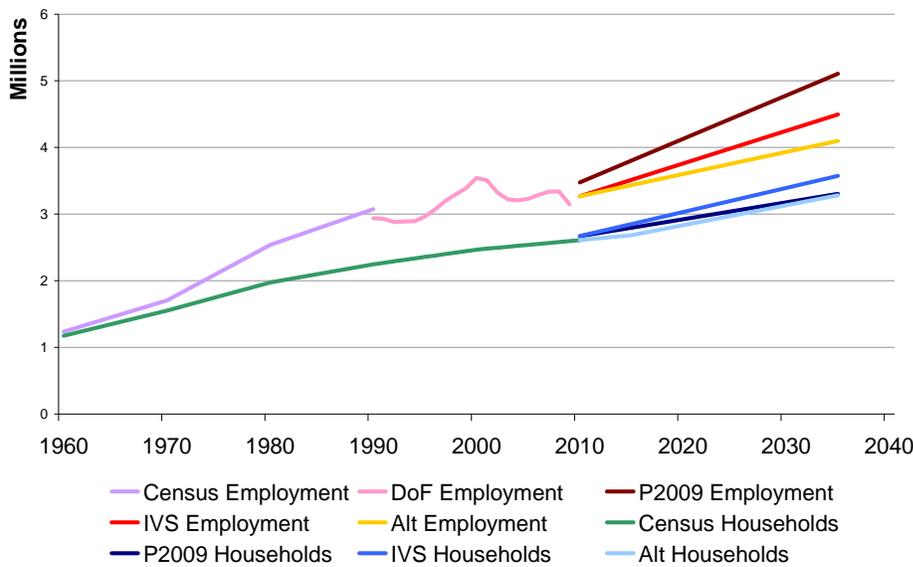
### Industry sector mix

- High-skill, high-tech service and manufacturing sector companies will continue to be the drivers of job growth in the Bay Area.
- This growth will continue to drive growth in other business-support and service sectors. The broader industry sector mix of the Bay Area will not be dramatically different from other metropolitan areas.

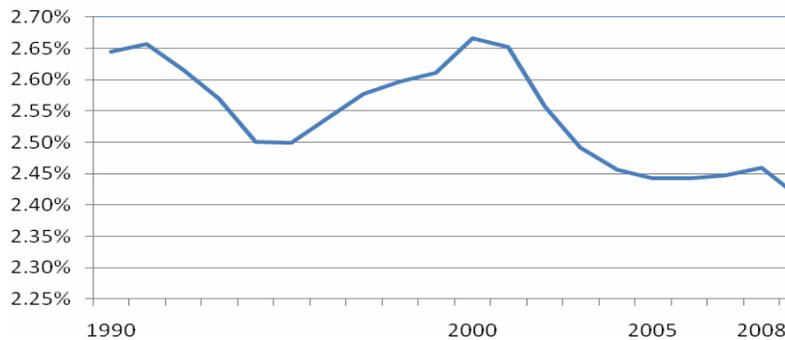
Future household income levels

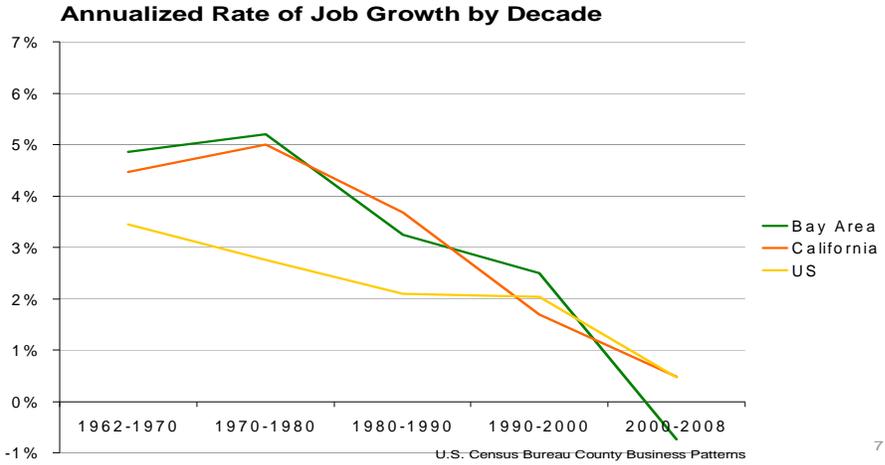
- It is expected that much of the driving industries job growth will occur in the higher-paying high-tech sectors. Higher-income residents will require services (retail, nursing and child care, education, fire and police, etc.), and they will prefer better services, so lower- and middle-income jobs will be retained and created.
- Job replacement will become an important factor as baby boomers retire over the next couple of decades. These jobs are at all income levels and in all industry sectors, not just higher-paying technical jobs, so it could be assumed that moderate-income jobs will be retained in the Bay Area. Matching the labor force to these replacement jobs will be a challenge, both locally and nationally.

**Regional Employment and Households**

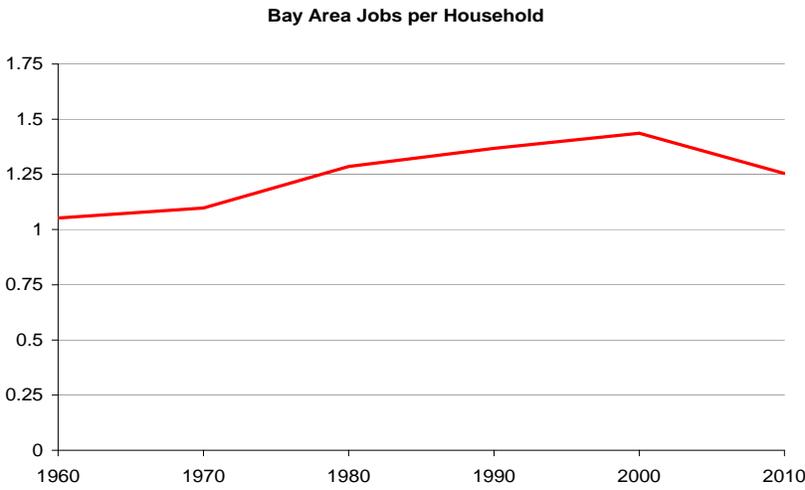


**Bay Area Share of U.S. Jobs**

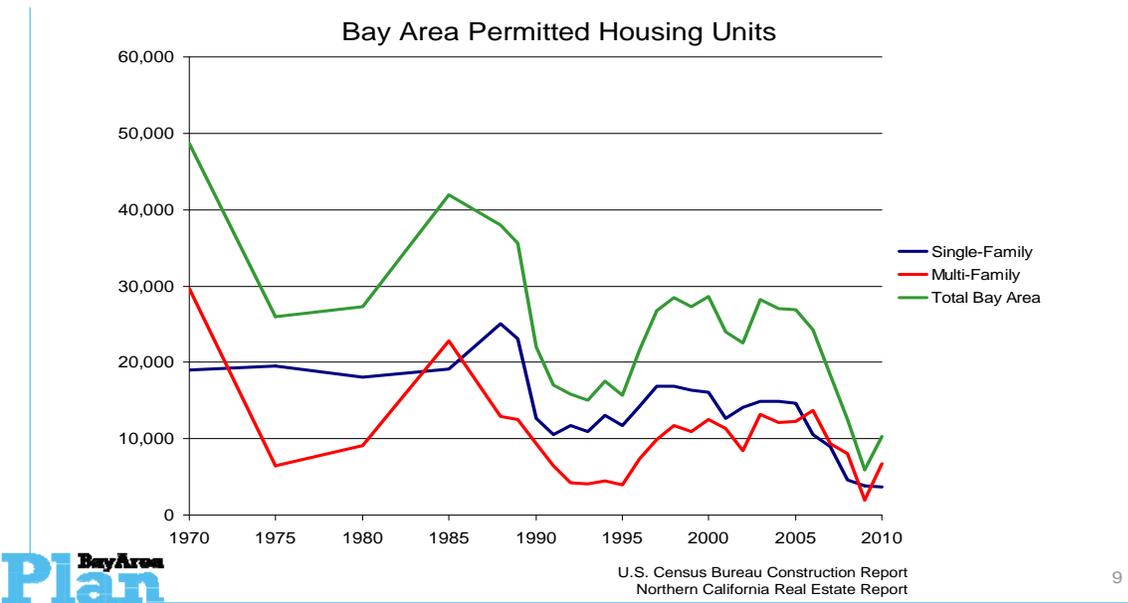




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Sources: US Census, California Department of Finance, ABAG



9





Association of Bay Area Governments  
Bay Area Air Quality Management District  
Bay Conservation and Development Commission  
Metropolitan Transportation Commission

Joseph P. Bort MetroCenter  
101 Eighth Street  
P. O. Box 2050  
Oakland, CA 94607-4756  
(510) 464-7900  
fax: (510) 464-7985  
Info@abag.ca.gov  
www.abag.ca.gov/jointpolicy

## JOINT POLICY COMMITTEE — REGIONAL PLANNING PROGRAM

TO: Joint Policy Committee

DATE: January 13, 2012

FR: ABAG, BAAQMD, BCDC and MTC Executive Directors

RE: Joint Policy Committee Staffing

At your meeting on December 2, 2011, the Executive Directors of MTC, ABAG and BAAQMD recommended that the Metropolitan Transportation Commission (MTC) enter into a contract with Will Travis to replace Ted Droettboom as the JPC policy advisor. The JPC raised several questions about this recommendation and deferred action until each agency had the opportunity to discuss it further.

The Bay Area Air Quality Management District Executive Committee met on December 19. They discussed hiring Will Travis as the advisor for the JPC and were supportive. The Executive Committee report to the full Board is scheduled for January 18, 2012.

The MTC Executive Committee met on December 21, and unanimously approved moving forward with a contract with Mr. Travis on behalf of the JPC member agencies, subject to (a) negotiation of the contract price, and (b) refinement of the scope of work.

Consideration of this issue will be taken up by ABAG and BCDC at their respective meetings on January 19. Staff will report on the results of those discussions at your meeting on January 20.

### **(a) Price Proposal**

The proposal presented in December was to engage Mr. Travis for an amount not to exceed \$150,000 per year. As a result of further discussions, we now propose to pay Mr. Travis the same hourly rate (\$85 per hour) as paid under our contract with Elmwood Consulting for services provided to the JPC by Bruce Riordan. We would further limit the annual contract total to \$135,000 per year, which we believe is a reasonable level of effort for the JPC activities.

### **(b) Refinement of the Scope of Work**

In the course of the MTC Executive Committee's discussion, it was clear that lingering concerns about the role the JPC should play in policy development need to be addressed in order to provide clear direction to the JPC policy advisor and Executive Directors of the four member agencies. The Committee also raised questions about the JPC's decision-making process, which in the opinion of some, now suffers for lack of a clarity to ensure that the JPC reviews draft agency plans early in the process and, therefore, has a real opportunity to influence their content. Both of these issues need to be resolved in order to confirm the contract scope of work for Mr. Travis.

We understand that these same questions have been raised by other members of the JPC. As a result, on today's agenda (Item #5b) is a recommendation to take the next two months for the JPC member agency Chairs and Executive Directors to refine the JPC's purpose, processes and topics for the JPC's consideration in March. Should the JPC agree to this recommendation, we propose that the contract with Mr. Travis include this initial task, with the remaining scope of his work to be amended into the contract once the JPC direction on this matter has been set.

### **Recommendation**

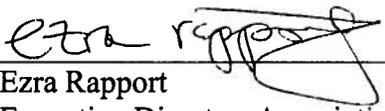
Subject to the deliberations of ABAG and BCDC to take place following the date of this memo but before your meeting on January 20:

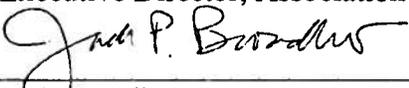
1. Request MTC to approve a one-year contract with Will Travis to serve as Policy Advisor to the JPC. In this role, Mr. Travis is to work and advise neutrally with all four agencies that comprise the JPC and will have no special involvement with BCDC following his retirement other than work associated with the JPC agenda.
2. Establish the contract budget in an amount not to exceed \$85.00 per hour, and in a total amount not to exceed \$135,000 per year, with costs to be shared by the four agencies in amounts to be negotiated by the Executive Directors;
3. Approve the initial contract work scope to be consistent with the outcome of Agenda #5b, with the understanding that the scope of work for the remaining contract period would be modified based on the results of the process described in that agenda item.

Should the JPC approve this recommendation, the MTC Administration Committee would take action on contract approval at its February 8, 2012 meeting.

Unless ABAG and BCDC have any objections as a result of their meetings on January 19, the recommendations will remain as stated in this memorandum. Otherwise alternative recommendations may be presented at your meeting.

  
\_\_\_\_\_  
Steve Heminger  
Executive Director, Metropolitan Transportation Commission

  
\_\_\_\_\_  
Ezra Rapport  
Executive Director, Association of Bay Area Governments

  
\_\_\_\_\_  
Jack Broadbent  
Executive Director, Bay Area Air Quality Management District

Approved by Steve Goldbeck via email on 1/13/12 \_\_\_\_\_  
Steve Goldbeck  
Acting Executive Director, Bay Conservation and Development Commission



Association of Bay Area Governments  
Bay Area Air Quality Management District  
Bay Conservation and Development Commission  
Metropolitan Transportation Commission

Joseph P. Bort MetroCenter  
101 Eighth Street  
P.O. Box 2050  
Oakland, CA 94607-4756  
(510) 464-7900  
fax: (510) 464-7985  
info@abag.ca.gov  
www.abag.ca.gov/jointpolicy

## JOINT POLICY COMMITTEE — REGIONAL PLANNING PROGRAM

Date: January 11, 2012  
To: Joint Policy Committee  
From: ABAG, BAAQMD, BCDC and MTC Executive Directors  
Subject: **Review of JPC Purpose, Processes and Topics**

The discussion at the December 2<sup>nd</sup> meeting raised a number of important questions about *how* the JPC coordinates inter-agency collaboration and *what* subjects the JPC should be addressing. With the Bay Area facing a set of critical challenges to the region's sustainability—including economic development, the impacts of climate change, and the transformation of our energy systems—we believe it is the right time to take a step back and re-examine how the four regional agencies should work together with our public and private partners to address these challenges.

We propose that the JPC staff work with the JPC Chair, and the Chairs and Executive Directors of the four agencies, over the next two months to conduct a thorough review of the JPC's purpose, processes and topics. This review would lead to a proposal to the full JPC at the March meeting for discussion and action. During the two-month review, input would be obtained from all JPC members, starting with a discussion of two key questions at today's meeting (Item 6).

The two-month review will consider the following:

1. The JPC's four historical roles—identifying opportunities for collaboration, the coordination of planning documents, conflict resolution, and regional leadership on important issues.
2. Mechanisms and ground rules that will streamline and clarify the JPC's operations so that board and staff time can be focused much more directly on critical policy discussion and action.
3. The three current JPC projects—Bay Area Economic Development Strategy, Near-Term Green Jobs+, and the Bay Area Climate and Energy Resilience Strategy—plus the identification of new opportunities for inter-agency collaboration.
4. Other ideas to strengthen the JPC's ability to provide regional coordination and leadership, as appropriate.

### **Recommendation**

We recommend that the Joint Policy Committee direct staff to carry out the review as described above and to present a proposal for discussion at the March 16<sup>th</sup> meeting.

## Primer on On-Going Delta Planning Programs and Issues

**Delta Plan.** The **Delta Stewardship Council** (Council) must adopt a comprehensive management plan for the Delta by May 2012. The Council will then oversee implementation of the Delta Plan, which will be used to further the “coequal goals” of *ecosystem restoration* in the Delta and *water supply reliability* for users dependent on water from the Bay-Delta watershed.

The 5th staff draft of the Delta Plan was released August 3, 2011. Important to SFEP are the need for wetland restoration in the Suisun Marsh, adequate freshwater flows to support brackish habitat in the Suisun Marsh and ecosystem processes in the Bay, and consideration of climate change impacts in planning for tidal restoration in the Suisun Marsh.

The fifth draft Delta Plan identifies the Suisun Marsh as one of five key areas in which implementation of habitat restoration projects should be prioritized. A draft environmental impact report, based on the fifth draft Delta Plan, was released in early November 2011 and comments were due Feb 2, 2012. The Council must also certify the BDCP [described below] which is currently a very hot topic.

**Bay Delta Conservation Plan (BDCP).** The main goal of this process is to develop a framework for habitat restoration and water conveyance that will serve as an alternative to species-by-species “take” permits for Delta water project operations under the state and federal endangered species acts. The permit applicants (the California Department of Water Resources and the U.S. Bureau of Reclamation) have been working with water contractors, resource agencies, and nongovernmental organizations since 2006 to develop the plan.

Despite changes made in mid-2011 to improve transparency, the process for developing the BDCP continues to face criticism. The most recent issue is a proposed memorandum of agreement among the U.S. Bureau of Reclamation, the California Department of Water Resources and certain public water agencies that have been funding the planning process. The Legislative Analyst's Office has found that the agreement was written in a way that could allow the water agencies greater influence than other interests.

Federal and state lawmakers and members of the public raised several concerns about the proposed agreement, such as the following:

- The agreement might bind BDCP participants to a time schedule that would not allow for a full consideration of alternatives and the necessary thorough scientific analysis;
- By providing a level of certainty in water supplies for south of Delta water contractors, the agreement might conflict with agencies’ legal responsibilities under federal and state law; and
- The agreement might provide special privileges and guarantees to south of Delta public water agencies that are not provided to other stakeholders.

In response to public comments on the agreement, the state and federal parties participating in the BDCP process have stated that they are taking a number of steps to address both the specific concerns about language in the agreement and the related concerns about the need for a full opportunity for meaningful public involvement in the BDCP.

In December 2011, 21 state lawmakers signed a letter of support for the BDCP process, urging state and federal officials to keep the process on track to release a draft plan in 2012. In his January 18, 2012 State of the State address, Governor Jerry Brown also expressed support for the BDCP and the construction of new water infrastructure, as well as the goals of restoring the Delta ecosystem and improving water supply reliability.

Public meetings were held on December 14, 2011, and January 25, 2012, to provide all interested parties and the general public updates and information about the progress made on BDCP by its working groups, to provide an opportunity for input, and to report on next steps.

**Suisun Marsh Plan.**The Suisun Marsh Habitat Management, Preservation and Restoration Plan (Suisun Marsh Plan, or SMP) was developed by several state and federal agencies (the California Department of Water Resources, US Bureau of Reclamation, California Department of Fish and Game, US Fish and Wildlife Service, and National Marine Fisheries Service) and the Suisun Resource Conservation District to: 1) restore 5,000 to 7,000 acres of tidal wetlands; 2) authorize annual dredging for levee maintenance and other maintenance and water management activities; and 3) reduce impacts to endangered species, such as the salt marsh harvest mouse, California clapper rail, and salmonids, through implementation of best management practices. The agencies released a Final Environmental Impact Statement/Environmental Impact Report (Final EIS/EIR) on the SMP in December 2011.

**The Delta Conservancy.**The Delta Conservancy (Conservancy) is directed by law to “support efforts that advance both environmental protection and the economic well-being of Delta residents in a complementary manner.” Goals include, but are not limited to, protecting and restoring habitat, preserving Delta agriculture, promoting tourism and recreation, increasing the Delta’s resilience to floods and earthquakes, improving water quality and assisting the Delta economy.

Currently the Conservancy is developing its Strategic Plan, which will direct future projects and activities. The Conservancy has scheduled five public meetings in January and February to receive input from Delta residents on what they want to see in the Conservancy's Strategic Plan.

The Conservancy is funded primarily through the State's General Fund. Currently, funding is very limited and essentially covers the cost of salaries for seven employees and minimal operational costs. The Conservancy is currently exploring potential opportunities to increase its funding for projects, including grants, special funds, and bond funding.

**Water Supply Update.**After a very dry December, the series of storms that began in mid-January 2012 raised northern Sierra precipitation from about 30 percent of average for this date to 55 percent, according to the California Department of Water Resources. The snowpack has increased from about 10 percent of average for this date to 33 percent. However, reservoir storage is still above average, due to last year’s record rainfall.

**Threatened and Endangered Fish Updates.** In December 2011, the California Department of Fish and Game (DFG) announced that the survey for Delta fisheries showed a rebound for delta smelt, as well as substantial increases for other species assessed by the survey, including longfin smelt and striped bass. The announcement was based on the Fall Midwater Trawl survey, which provides the best estimate of the abundance of six estuarine fish species. The Fall Midwater Trawl Survey index of delta smelt abundance was 343 this year while the index in 2010 was 29 and its record high was 1673 in 1970. The increase comes after a decade of record or near-record low annual abundance for delta smelt. The 2011 index number for

longfin smelt, 477, while far greater than last year's 191, is an order of magnitude below the median value of 6,338 recorded during the 1967-1987 period.

The improvement in estuarine fish abundance is likely due in large part to higher than usual Delta outflow, which resulted in more and better habitat, although it is possible that restrictions on pumping by the state and federal water project intended to protect the smelt and salmon from extinction also helped. High flows benefit delta smelt in many ways: diluting pollution, increasing their food supply, reducing competition from invasive clams, pushing the smelt away from the state and federal water pumps, and shifting them into Suisun Bay, which provides some of the best smelt habitat in the estuary.



February 3, 2012

To: ABAG Administrative Committee  
From: Ezra Rapport, ABAG Executive Director  
Subject: SCS Preferred Scenario Approach and Regional Housing Need Allocation (RHNA)

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Staff will present an overview of the approach to the Preferred Scenario including policies and strategies and draft numbers and an overview of the preliminary RHNA methodology. We will also describe the process for integrating SCS, RHNA, and the OneBayArea Grant and gathering local jurisdiction's input.

This will inform the discussion on (1) the strategy for releasing the SCS Preferred Scenario and RHNA Methodology; (2) issues and challenges presented by Preferred Scenarios; (3) major messages to be presented to our members and the public.

Please find attached an outline of the Preferred Scenario, the RHNA methodology, and a draft template of a local resolution for the OneBayArea Grant.

# **DRAFT SCS LAND USE SCENARIO OUTLINE**

January 26, 2012

## **1. Introduction**

Overview of the regional vision and planning efforts

What we like about the Bay Area

Linking regional tasks to local efforts

Ongoing efforts support the SCS

### **a. Bay Area Growth by 2040**

- i. Expected growth
- ii. Preserving and enhancing diverse neighborhoods, creating Complete Communities
- iii. Equitable development
- iv. Healthy economy
- v. Good environment

### **b. The Sustainable Communities Strategy**

- i. Building on past efforts (FOCUS PDAs and PCAs)
- ii. Creating the SCS
  1. Local input defines places to accommodate growth
  2. Focused growth builds upon existing investments (infrastructure, transit, shops, amenities)
  3. Place type framework ensures recognition of diversity of PDAs
- iii. Summary: focused growth preserves open space, increases housing and transportation choices, and connects local priorities to regional goals and resources
- iv. Integration of regional efforts: SCS, RHNA, OneBayArea Grant, RTP

## **2. Regional trends and challenges**

Overview of past trends: How the region grew over the past 30 years, regional strengths and challenges in the economy, housing production, and transportation infrastructure

### **a. Growth and land use patterns over the last decades**

### **b. Changing economy**

- i. Knowledge-based jobs
- ii. Health and education jobs
- iii. Local serving jobs

### **c. Housing cost and access**

- i. Changes in population, changes in housing choices
- ii. Housing production and location

### **d. Transportation trends**

- i. Major investments
- ii. Changes in use patterns

### **3. Sustainable Development Policies and Strategies**

How do we address the regional challenges to have a healthy region by 2040?

Overview of policies, strategies, investments required to support a sustainable and equitable development pattern

#### **a. Regional and local policies and strategies**

This includes ongoing and future efforts within the reach of regional agencies and local governments.

- i. Economic development strategies
  1. New development patterns in regional centers and office parks
  2. Increasing vitality of small downtown and transit corridors
  3. Regional industrial and agricultural qualities
- ii. Affordable housing production
- iii. Community Planning, Neighborhood plans, Entitlement process
  1. FOCUS Program
  2. PDA Planning Grants
  3. PCAs
  4. TOD Affordable Housing
- iv. Coordination of regional tasks
- v. Complete Communities
  1. Health
  2. Linking housing, jobs, schools, entertainment, and parks
  3. Reducing housing and transportation cost for the low income population
  4. Schools and parks
  5. Infrastructure and street improvements
  6. Disaster resilience
  7. Bike and pedestrian paths
  8. Open space and agricultural land

#### **b. Federal and State policies**

This includes proposals for the state and federal agencies; a set of policies and investments that will be required to achieve the proposed sustainable development approach

- i. Tax and investment policies
- ii. Job production
- iii. Housing Production

#### **c. Strategies by place type**

Selection of local housing and economic development strategies by place type with references to successful examples

- i. Regional Centers
- ii. Transit neighborhoods
- iii. Suburban Centers
- iv. Industrial areas
- v. Agricultural land

**4. Regional growth by 2040**

- a. Jobs, population, and housing by 2040**
- b. County Visions**
- c. 2040 employment by place type, county, city, Priority Development Area**
- d. 2040 housing by place type, county, city, and Priority Development Area**

## MEMO

Date: November 4, 2011  
To: ABAG Executive Board  
From: Ken Kirkey, ABAG Planning Director  
Subject: Regional Housing Need Allocation (RHNA) Update

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### Overview

This memo provides an update on the work done by ABAG and MTC staff, with the assistance of the SCS Housing Methodology Committee (HMC), to develop the Regional Housing Need Allocation (RHNA) methodology for the 2014-2022 period. Items included are:

- The Regional Housing Need Determination (RHND) from the California Department of Housing and Community Development (HCD)
- HMC discussion of the RHNA methodology framework
- Spheres of Influence

### Background

The Regional Housing Need Allocation (RHNA) is a state mandate that requires each community to plan for its share of the state's housing need, for people at all income levels. The California Department of Housing and Community Development (HCD) determines the total housing need for each region in the state and, as the Council of Governments for the San Francisco Bay Area, it is ABAG's responsibility to distribute this need to local governments. With the passage of SB 375, the housing allocation plan must allocate housing units within the region consistent with the development pattern included in the Sustainable Communities Strategy (SCS).

Since January, staff from ABAG and MTC has been working with the members of the SCS Housing Methodology Committee—which is made up of staff and elected officials from all nine counties as well as stakeholder groups—to develop the framework for the RHNA methodology. The committee's discussions to date have focused primarily on determining how best to promote consistency between RHNA and the development pattern of the SCS, while ensuring that the allocation of housing need also meets the specific objectives of Housing Element law, including that every jurisdiction accommodate its fair share of the region's housing need.

### The Regional Housing Need Determination (RHND)

As part of the RHNA process, the California Department of Housing and Community Development (HCD) is responsible for providing each region with the Regional Housing Need Determination (RHND) for the eight-year RHNA period. This determination is based on population projections produced by the Department of Finance (DOF). By statute, ABAG has an opportunity to consult with HCD about how their assumptions and methodology in developing the need determination compare to the regional population forecasts that are used in the Regional Transportation Plan (RTP).

ABAG has spoken several times with staff at HCD, and is nearing completion of the consultation process. The draft housing need determination is approximately 200,000 housing units for the eight-year period. This is lower than the total need for the 2007-2014 RHNA period, and less than the placeholder (250,000) that we have been using in our draft RHNA methodology calculations. This is primarily because HCD's methodology included assumptions about vacancy rates that take into account the recent economic downturn and the significant number of foreclosed and vacant units in the region.

The draft income distribution for the region is similar to what it was for the 2007-2014 RHNA period:

	<b>2014 – 2022 RHNA</b>	<b>2007 – 2014 RHNA</b>
Very Low	24.8%	22.8%
Low	15.4%	16.4%
Moderate	17.8%	19.3%
Above Moderate	42.0%	41.6%

Staff expects to have a final need determination from HCD in November.

### **Report Back from the SCS Housing Methodology Committee**

Since January 2011, members of the HMC have been discussing and refining the framework for allocating a portion of the region's total housing need to each jurisdiction in the region. The proposed RHNA methodology framework includes the following elements:

- Sustainability Component
- Fair Share Component
  - Upper Housing Threshold
  - Minimum Housing Floor
  - Fair Share Factors
- Income Allocation
- Sphere of Influence Adjustments

After months of discussion, at their October meeting, members of the HMC expressed general support the RHNA Methodology Framework, particularly the following elements:

- Sustainability Component Growth in PDAs<sup>1</sup>: the percent of growth assigned to PDAs would be based on the growth pattern in the SCS Preferred Scenario, with a maximum of 70 percent.
- Upper housing threshold: if growth in PDAs meets or exceeds 110 percent of the jurisdiction's household formation growth, it would not be assigned additional growth based on the Fair Share Component.
- Minimum housing floor: jurisdictions would be assigned a minimum of 40 percent of household formation growth; however, a jurisdiction's allocation would be capped at twice what it received during the 2007-2014 RHNA period if its growth was increased to the 40

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<sup>1</sup> The term "PDAs" encompasses the Growth Opportunity Areas as well as Planned and Potential PDAs.

percent minimum in the SCS Preferred Scenario *and* its allocation based on the proposed methodology would be more than twice its 2007-2014 allocation.

Given the need for consistency between RHNA and the SCS, the RHNA methodology is dependent on the land use pattern of the SCS Preferred Scenario. Up to this point, members of the HMC have been discussing the proposed RHNA methodology as it relates to the three constrained SCS Alternative Scenarios. Although this has helped the HMC refine the methodology, members of the committee were reluctant to make a recommendation to staff at this time, without seeing the SCS Preferred Scenario. Members of the committee will meet in February 2012 to review how the methodology relates to the SCS Preferred Scenario, and to finalize the remaining components of the methodology, including the Fair Share Factors and income allocation.

### **Spheres of Influence**

“Spheres of influence” (SOI) must be considered in the RHNA methodology if there is projected growth within a city’s SOI, and most SOI areas within the Bay Area are anticipated to experience growth. At the September Executive Board meeting, staff proposed to use the same approach regarding SOI for the 2014-2022 RHNA that was included in the 2007-2014 RHNA, unless ABAG receives a resolution from a county and all the cities in that county requesting a change to the rules outlined below:

1. In Napa, San Mateo, Santa Clara, Solano, and Sonoma counties, the allocation of housing need generated by the unincorporated SOI was assigned to the cities.
2. In Alameda and Contra Costa counties, the allocation of housing need generated by the unincorporated SOI was assigned to the county.
3. In Marin County, 50 percent of the allocation of housing need generated by the unincorporated SOI was assigned to the city; and 50 percent was assigned to the county.

These rules are based on the premise that each local jurisdiction with land use permitting authority over its SOI should plan for the housing need generated within that area. These reflect the fact that each county in the Bay Area is different in terms of whether a city or county has jurisdiction over land use and development within unincorporated SOIs.

To be consistent with the recent changes to the overall RHNA timeline, staff is extending the deadline for local jurisdictions to provide ABAG with resolutions requesting a change to the SOI rules to **December 31, 2011**. The rules for SOI allocations will be discussed at the January Executive Board meeting.

### **Next Steps**

The HMC will be meeting in February 2012 to review the methodology as it relates to the draft SCS Preferred Scenario, and staff will report back to the Executive Board in March with a staff recommendation informed by the HMC.

## SAMPLE RESOLUTION

*[insert name of local jurisdiction]*

Whereas, a portion of Federal transportation funding is received by the Metropolitan Transportation Commission (MTC) on behalf of the San Francisco Bay Region in the form of Surface Transportation Program (STP) and Congestion Mitigation and Air Quality (CMAQ) funds; and

Whereas, MTC and the Association of Bay Area Governments (ABAG) in the course of collaborating on a Sustainable Communities Strategy (SCS) for the region have concluded that a framework that better integrates the region's federal transportation program with land-use and housing policies by providing incentives for the production of housing with supportive transportation investments is essential to a successful SCS; and

Whereas, MTC has adopted such a framework for the allocation of STP and CMAQ funds: OneBayArea Grant Program; and

Whereas, a critical component of the region's housing policy is the Regional Housing Needs Allocation (RHNA) conducted on behalf of the region by ABAG in partnership with the RHNA Subregions *[insert reference to local jurisdiction participation in RHNA Subregion where appropriate]* that assigns to each local jurisdiction the responsibility to plan for housing across all income levels within its boundaries; and

Whereas, *[insert name of local jurisdiction]* has nominated *[an]* area(s) within its boundaries for designation as *[a]* Priority Development Area(s) *[PDA(s)]*: infill development opportunity area(s) where there is local commitment to developing more housing along with amenities and services to meet the day-to-day needs of residents in a pedestrian-friendly environment served by transit; and

Whereas, *[insert name of local jurisdiction]* has the discretion to meet its responsibility under RHNA by ensuring that zoning within its PDAs supports the production of housing that meets its RHNA responsibilities; and

Whereas, the OneBayArea Grant Program requires an applicant to adopt a non-binding resolution of intent that aligns RHNA, PDAs and the applicant's zoning policies.

Now Therefore Be It Resolved by the *[City/Town Council or Board of Supervisors]* of *[insert name of jurisdiction]* that in support of its application to the Metropolitan Transportation Commission for a OneBayArea Grant, the *[Town/City/County]* hereby states its intent to *[maintain/adopt]* zoning policies that enables the *[Town/City/County]* to meet its RHNA obligations within PDAs as designated by the Association of Bay Area Governments.