

**Panel Survey Results and Tabulation:
 Survey Questions on Major Assumptions for
 2016-2040 RTP/RCS Regional Growth Forecasts
 for SCAG Panel of Experts
 June 27, 2013**

Thank you for taking time to respond to questions on major assumptions for 2016-2040 RTP/RCS Regional Growth Forecasts. We will not disclose the respondents and their professional opinion of forecasting assumptions. The respondent's opinion should be personal and does not represent the affiliated organization's current official forecast assumptions. The survey response will be used only for statistical and analytical purpose. Feel free to skip any questions you are not comfortable answering. We will provide time in the meeting to answer the survey or you can submit your survey response to Steve Levy (slevy@ccsce.com) by the end of June 27 (Thursday).

Name:

Organization:

1. Help us assess the immigration assumptions underlying the U.S. population and job projections. Will immigration reform raise the level of immigration above what we are projecting and, if so, by how much—200,000 per year, 350,000 per year, 500,000 per year? An increase of 350,000 per year would increase the 2040 U.S. population and job levels by approximately 3%. The baseline immigration assumptions are shown on pages 1-2 of the background memo.

Panel ID	Yes	No	Other	How much will immigration reform raise the level of immigration above what we are projecting
1	1			200,000
2			N/A	N/A
3	1			200,000
4	1			N/A
5	1			N/A
6	1			400,000
7			N/A	N/A
8	1			N/A
9			N/A	N/A
10	1			N/A
11			N/A	N/A
12	1			350,000
13			N/A	N/A
14	1			350,000

15	1			200,000
16	1			350,000
frequency	11	0		
minimum				200,000
maximum				400,000
mean				292,857
median				350,000
mode				200,000
quartile(25%)				200,000
quartile(75)				350,000

2. Do you agree that workers will retire later in the next 20-30 years? The baseline U.S. labor force participation rates are shown on pages 3-4 of the background memo.

Panel ID	Yes	No	N/A
1	1		
2	1		
3	1		
4	1		
5	1		
6	1		
7	1		
8	1		
9	1		
10	1		
11	1		
12	1		
13			1
14	1		
15	1		
16	1		
frequency	15	0	1

3. Do you agree with the forecast survey that the nation will be at full employment in 2020?

Yes () No ()

Panel ID	Yes	No	N/A
1	1		
2	1		
3		1	
4			1
5	1		
6	1		
7	1		
8	1		
9		1	
10	1		
11		1	
12	1		
13	1		
14	1		
15	1		
16	1		
frequency	12	3	1

4. *Do you think California's share of U.S. jobs will remain the same, increase or decrease to 2020, 2035 and 2040? CCSCE's initial assumptions and reasoning are shown on pages 9-13 of the background memo.*

(1) California's share of U.S. jobs for 2020 will be:

a) 10.5%-11% b) 11%-11.5% c) 11.5%-12% d) Others (%)

(2) California's share of U.S. jobs for 2035 will be:

a) 10.5%-11% b) 11%-11.5% c) 11.5%-12% d) Others (%)

(3) California's share of U.S. jobs for 2040 will be:

a) 10.5%-11% b) 11%-11.5% c) 11.5%-12% d) Others (%)

Panel ID	2020	2035	2040
1	11-11.5	11-11.5	11-11.5
2	11-11.5	11.5-12	11.5-12
3	11-11.5	11-11.5	11-11.5
4	11-11.5	11-11.5	11-11.5
5	11-11.5	11-11.5	11-11.5
6	N/A	N/A	N/A
7	11-11.5	11.5-12	11.5-12
8	11.5-12	11.5-12	11.5-12
9	11-11.5	11-11.5	N/A

10	N/A	N/A	N/A
11	11-11.5	11-11.5	11-11.5
12	11-11.5	11-11.5	11-11.5
13	11-11.5	10.5-11	10-10.5
14	11-11.5	11.5-12	11.5-12
15	11-11.5	11.5-12	11.5-12
16	11.5-12	11.5-12	11.5-12
frequency			
minimum	11-11.5	10.5-11	10-10.5
maximum	11.5-12	11.5-12	11.5-12
mean			
median	11-11.5	11-11.5	11-11.5
mode	11-11.5	11-11.5	11-11.5, 11.5-12
quartile(25%)			
quartile(75%)			

5. Do you think the SCAG Region's share of California job growth will remain the same, increase or decrease to 2020 and 2035 and 2040? See pages 15-19 of the background memo.

(1) SCAG Region's share of California jobs for 2020 will be:

a) 43%-44% b) 44%-45% c) 45%-46% d) Others (%)

(2) SCAG Region's share of California jobs for 2035 will be:

a) 43%-44% b) 44%-45% c) 45%-46% d) Others (%)

(3) SCAG Region's share of California jobs for 2040 will be:

a) 43%-44% b) 44%-45% c) 45%-46% d) Others (%)

Panel ID	2020	2035	2040
1	44-45	44-45	44-45
2	45-46	44-45	44-45
3	44-45	44-45	44-45
4	44-45	44-45	44-45
5	45-46	45-46	45-46
6	N/A	N/A	N/A
7	45-46	45-46	45-46
8	45-46	45-46	45-46
9	45-46	45-46	45-46
10	N/A	N/A	N/A
11	45-46	45-46	45-46
12	43-44	44-45	44-45

13	44-45	43-44	41-42
14	45-46	45-46	45-46
15	44-45	43-44	43-44
16	44-45	44-45	44-45
frequency			
minimum	43-44	43-44	41-42
maximum	45-46	45-46	45-46
mean			
median	44-45, 45-46	44-45	44-45
mode	45-46	44-45, 45-46	44-45, 45-46
quartile(25%)			
quartile(75)			

6. Do you think the SCAG region will grow slightly faster than, the same as or slightly slower than the nation to 2020, 2035 and 2040?

- a) Slightly slower
- b) The same as
- c) Slightly faster

Panel ID	Slightly slower	The same as	Slightly faster	Other
1	1			
2			1	
3	1			
4	1			
5			1	
6				N/A
7		1		
8			1	
9			1	
10			1	
11			1	
12			1	
13				Same in early years, Slower in later years
14	1			
15		1		
16			1	
frequency	4	2	8	

7. Please provide your opinion on the future birth rates (total fertility rates) in the SCAG region. Total fertility rate for 2010 was 2.1 (See slide 4 in the demographic presentation) Total fertility rate for 2035 will be

a) 1.9 b) 2.0 c) 2.1 d) 2.2 e) Others ()

Panel ID	Rates	Other
1	1.9	
2	1.8	
3	2	
4	2	
5	2	
6	2	
7		N/A
8	1.9	
9	2	
10		N/A
11	2	
12	2	
13		N/A
14	1.9	
15	2	
16	2.1	
frequency		
minimum	1.8	
maximum	2.1	
mean	2.0	
median	2	
mode	2	
quartile (25%)	1.9	
quartile(75)	2	

8. Should SCAG adopt the life expectancy trends in the new Census Bureau projections?
See slide 6 in the demographic presentation.

Panel ID	Yes	Other
1	1	
2	1	
3	1	
4	1	
5	1	

6	1	
7		N/A
8		N/A
9	1	
10	1	
11	1	
12	1	
13	1	
14	1	
15	1	
16	1	
frequency	14	

9. Should SCAG use the annual average of net international migration between 1990 and 2012? Net international migration for the region is assumed to be 95,000 per year. See slide 7 in the demographic presentation.

a) Yes b) No

Panel ID	Yes	No	Other
1		1	
2	1		
3	1		
4			N/A
5		1	
6	1		
7			N/A
8		1	
9	1		
10			N/A
11			N/A
12		1	
13			N/A
14	1		
15		1	
16		1	
frequency	5	6	

10. Will the SCAG region experience the same changes in labor force participation rate (retirement) trends that have been discussed for the nation? See slide 8 in the demographic presentation.

Panel ID	Yes	Other
1	1	
2	1	
3	1	
4		N/A
5		Not sure
6		N/A
7		N/A
8		N/A
9	1	
10	1	
11		N/A
12	1	
13	1	
14	1	
15	1	
16	1	
frequency	10	

11. Please provide your opinion on future headship rates in the SCAG region for 2040. According to 2010 Census, the overall headship rate in the SCAG Region is 41.8%. See slide 9 in the demographic presentation.

Panel ID	Agree	Other
1		40-42
2		43
3	1	
4		N/A
5	1	
6	1	
7		N/A
8		N/A
9	1	
10		N/A
11	1	
12		answer is unclear
13		decrease
14		44%
15		I think the growth rates may be optimistic.

		I'm not sure the white rates will remain at 52%
16		increase
frequency	5	

12. Do you think that Asian and Hispanic headship rates in 2040 will be closer to White headship rates in 2040 than now? See slide 9 in the demographic presentation.

a) Yes b) No

Panel ID	Yes	No	Other
1		1	
2	1		
3	1		
4	1		
5	1		
6	1		
7			N/A
8	1		
9	1		
10		1	
11	1		
12	1		
13	1		
14	1		
15	1		
16	1		
frequency	13	2	

13. Please provide your comments on other significant factors influencing the SCAG region's employment, population, and household projections for 2020 and 2035.

(1) Part of Q1. What is the likely range of the SCAG Region's unemployment rate for 2020? a) 5%-6% b) 6%-7% c) 7%-8%, d) Others ()

(2) What is the likely range of the SCAG Region's unemployment rate for 2035? a) 5%-6% b) 6%-7% c) 7%-8%, d) Others ()

(3) What is the likely range of the SCAG Region's unemployment rate for 2040? a) 5%-6% b) 6%-7% c) 7%-8%, d) Others ()

	2020		2035		2040	
Panel ID	Rate	Other	Rate	Other	Rate	Other

1	6-7		5-6		5-6	
2	6-7		6-7		6-7	
3	6-7		6-7		6-7	
4	6-7		6-7		6-7	
5	7-8		6-7		6-7	
6		N/A		N/A		N/A
7	5-6		5-6		5-6	
8	5-6		5-6		5-6	
9	6-7		6-7		6-7	
10		N/A		N/A		N/A
11	6-7		6-7		6-7	
12	7-8		6-7		6-7	
13	7-8		8-9		8-9	
14	6-7		5-6		5-6	
15	5-6		5-6		5-6	
16	5-6		5-6		5-6	
frequency						
minimum	5-6		5-6		5-6	
maximum	7-8		8-9		8-9	
mean						
median	6-7		6-7		6-7	
mode	6-7		6-7		6-7	
quartile(25%)						
quartile(75)						

14. Do you think that the county share of regional population, households, and employment in 2040 will be consistent with SCAG's 2012-2035 RTP/SCS growth forecast. See slide 12 in the demographic presentation.

a) Yes b) No

Panel ID	Yes	No	Other
1	1		
2			N/A
3	1		
4	1		
5	1		
6	1		
7			N/A

8		1	
9		1	
10	1		
11	1		
12	1		
13			N/A
14	1		
15		1	
16		1	
frequency	9	4	

Survey of Economic Outlook/Forecasts (As of June 2013)

Forecast/Outlook for the U.S.	2012	2013	2014	2015	2016	2017	2018	2019	2020
Unemployment Rate									
CBO (Feb. 2013)	8.1%	7.9%	7.8%	7.1%	6.3%	5.6%	5.5%	5.5%	5.4%
UCLA (June 2013)	8.1%	7.6%	7.1%	6.6%	6.2%	6.0%	5.7%	5.6%	5.5%
LAEDC (May 2013)	8.1%	7.6%	7.3%						
DOF (May 2013)	8.1%	7.7%	7.3%	6.7%					
LAO (May 2013)	8.1%	7.7%	7.3%	6.7%	6.3%	6.0%	5.8%		
REMI (Mar. 2013)									
Economy.com (Mar. 2013)	8.1%	7.6%	7.0%	6.2%	5.8%	5.5%	5.4%	5.4%	5.3%
Non-farm job growth									
CBO (Feb. 2013)	1.4%	1.0%	1.3%	1.9%	1.9%	1.6%	0.9%	0.7%	0.7%
UCLA (June 2013)	1.7%	1.5%	1.6%	1.8%	1.6%	1.3%	1.0%	0.8%	0.7%
LAEDC (May 2013)	1.7%	1.5%	1.7%						
DOF (May 2013)	1.7%	1.5%	1.6%	1.8%					
LAO (May 2013)	1.7%	1.5%	1.6%	1.8%	1.7%	1.3%	0.9%		
REMI (Mar. 2013)	1.6%	1.7%	1.7%	1.8%	1.7%	1.7%	1.6%	1.7%	1.6%
Economy.com (Mar. 2013)	1.7%	1.5%	1.7%	2.6%	2.2%	1.4%	0.7%	0.6%	0.7%
Forecast/Outlook for California									
Unemployment Rate									
UCLA (June 2013)	10.5%	9.1%	8.1%	7.1%	6.4%	6.1%	6.0%	5.9%	5.9%
LAEDC (May 2013)	10.5%	9.8%	8.9%						
DOF (May 2013)	10.5%	9.4%	8.6%	7.6%					
LAO (May 2013)	10.5%	9.3%	8.3%	7.5%	6.9%	6.5%	6.1%		
REMI (Mar. 2013)									
Economy.com (Mar. 2013)	10.5%	9.3%	8.1%	6.6%	6.1%	5.8%	5.7%	5.7%	5.7%
California Economic Forecast (Oct. 2012)	10.6%	9.7%	8.3%	7.2%	6.4%	6.1%	5.9%	5.8%	5.7%
Non-farm job growth									
UCLA (June 2013)	1.8%	2.0%	2.0%	2.2%	2.0%	1.5%	1.2%	1.1%	1.0%
LAEDC (May 2013)	1.8%	1.8%	1.7%						
DOF (May 2013)	2.0%	2.1%	2.4%	2.5%					
REMI (Mar. 2013)		1.7%	2.2%	2.2%	2.3%	2.2%	1.2%	1.1%	1.1%
LAO (May 2013)	2.1%	2.0%	2.5%	2.4%	2.0%	1.5%	1.2%		
Economy.com (Mar. 2013)	1.8%	1.5%	2.1%	2.6%	2.1%	1.1%	0.6%	0.6%	0.6%
California Economic Forecast (Oct. 2012)	1.7%	1.8%	2.4%	2.3%	1.9%	1.5%	1.2%	1.0%	1.0%
Forecast/Outlook for SCAG region									
Unemployment Rate									
California Economic Forecast (Oct. 2012)									
Imperial	26.4%	25.1%	22.5%	19.0%	16.2%	14.0%	12.4%	11.2%	10.1%
Los Angeles	10.9%	9.7%	8.9%	8.1%	7.3%	6.8%	6.5%	6.1%	5.8%
Orange	7.8%	6.9%	6.3%	5.8%	5.5%	5.4%	5.4%	5.3%	5.0%
Riverside	12.2%	10.4%	9.5%	8.5%	7.6%	7.1%	6.7%	6.2%	5.9%
San Bernardino	11.9%	10.5%	9.5%	8.7%	7.9%	7.4%	7.0%	6.7%	6.3%
Ventura	9.3%	8.3%	7.5%	6.8%	6.1%	5.6%	5.2%	4.8%	4.5%
LAEDC									
Los Angeles	11.1%	10.0%	9.7%						
Orange	7.6%	7.1%	6.5%						
Inland Empire	12.4%	11.7%	11.2%						
Ventura	9.1%	8.6%	8.5%						
Non-farm job growth									
California Economic Forecast (Oct. 2012)									
Imperial	-0.2%	3.8%	3.5%	3.1%	3.3%	2.8%	2.7%	2.1%	2.0%
Los Angeles	1.1%	1.6%	2.0%	1.9%	1.5%	0.9%	0.7%	0.7%	0.6%
Orange	2.1%	2.6%	2.5%	2.7%	2.2%	1.4%	1.0%	0.9%	1.3%
Riverside	2.0%	4.6%	3.6%	3.5%	3.2%	2.8%	2.3%	2.1%	2.0%
San Bernardino	1.5%	2.1%	2.8%	2.8%	2.6%	2.0%	1.7%	1.7%	1.8%
Ventura	1.0%	1.6%	2.0%	2.0%	1.9%	1.8%	1.6%	1.4%	1.2%
SCAG Region	1.4%	2.1%	2.3%	2.3%	1.9%	1.3%	1.1%	1.0%	1.0%
LAEDC									
Los Angeles	1.4%	1.7%	1.8%						
Orange	1.6%	1.6%	2.1%						
Inland Empire	1.4%	2.0%	2.9%						
Ventura	0.6%	1.5%	2.1%						

