



REGULAR MEETING

TRANSPORTATION COMMITTEE

Main Office

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Los Angeles, California
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Officers

President
Cheryl Viegas-Walker, El Centro

First Vice President
Michele Martinez, Santa Ana

Second Vice President
Margaret Finlay, Duarte

Immediate Past President
Carl Morehouse, San Buenaventura

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Cheryl Viegas-Walker, El Centro

Policy Committee Chairs

Community, Economic and
Human Development
Bill Jahn, Big Bear Lake

Energy & Environment
Deborah Robertson, Rialto

Transportation
Alan Wapner, San Bernardino
Associated Governments

Thursday, February 4, 2016
10:00 a.m. – 12:00 p.m.

SCAG Main Office
818 W. 7th Street, 12th Floor
Board Room
Los Angeles, CA 90017
(213) 236-1800

If members of the public wish to review the attachments or have any questions on any of the agenda items, please contact Tess Rey-Chaput at (213) 236-1908 or via email at REY@scag.ca.gov. Agendas & Minutes for the Transportation Committee are also available at:
<http://www.scag.ca.gov/committees/Pages/default.aspx>

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Transportation Committee

Members – February 2016

<u>Members</u>	<u>Representing</u>
Chair* 1. Hon. Alan Wapner	<i>Ontario</i> SANBAG
Vice-Chair* 2. Hon. Barbara Messina	<i>Alhambra</i> District 34
* 3. Hon. Michael D. Antonovich	Los Angeles County
* 4. Hon. Sean Ashton	<i>Downey</i> District 25
* 5. Hon. Rusty Bailey	<i>Riverside</i> District 68
* 6. Hon. Glen Becerra	<i>Simi Valley</i> District 46
7. Hon. Ben Benoit	<i>Wildomar</i> WRCOG
8. Hon. Russell Betts	<i>Desert Hot Springs</i> CVAG
* 9. Hon. Art Brown	<i>Buena Park</i> District 21
* 10. Hon. Joe Buscaino	<i>Los Angeles</i> District 62
11. Hon. Don Campbell	<i>Brawley</i> ICTC
12. Hon. Diana Lee Carey	<i>Westminster</i> OCCOG
* 13. Hon. Jonathan Curtis	<i>La Cañada/Flintridge</i> District 36
* 14. Hon. Gene Daniels	<i>Paramount</i> District 24
* 15. Hon. Paul Eaton	<i>Montclair</i> District 9
* 16. Hon. Felipe Fuentes	<i>Los Angeles</i> District 54
* 17. Hon. James Gazeley	<i>Lomita</i> District 39
* 18. Hon. Jeffrey Giba	<i>Moreno Valley</i> District 69
* 19. Hon. Lena Gonzalez	<i>Long Beach</i> District 30
20. Hon. Bert Hack	<i>Laguna Woods</i> OCCOG
* 21. Hon. Curt Hagman	San Bernardino County
* 22. Hon. Jan Harnik	<i>Palm Desert</i> RCTC
23. Hon. Dave Harrington	<i>Aliso Viejo</i> OCCOG
* 24. Hon. Carol Herrera	<i>Diamond Bar</i> District 37
* 25. Hon. Steve Hofbauer	<i>Palmdale</i> District 43
* 26. Hon. Jose Huizar	<i>Los Angeles</i> District 61
* 27. Hon. Jim Hyatt	<i>Calimesa</i> District 3
* 28. Hon. Jim Katapodis	<i>Huntington Beach</i> OCTA
29. Hon. Linda Krupa	<i>Hemet</i> WRCOG
* 30. Hon. Randon Lane	<i>Murrieta</i> District 5
31. Hon. Severo Lara	<i>Ojai</i> VCOG
32. Hon. James C. Ledford	<i>Palmdale</i> North L. A. County
* 33. Hon. Antonio Lopez	<i>San Fernando</i> District 64
* 34. Hon. Clint Lorimore	<i>Eastvale</i> District 4



Transportation Committee

Members – February 2016

<u>Members</u>	<u>Representing</u>	
* 35. Hon. Ray Marquez	<i>Chino Hills</i>	District 10
* 36. Hon. Michele Martinez	<i>Santa Ana</i>	District 16
* 37. Hon. Ryan McEachron	<i>Victorville</i>	SANBAG
38. Hon. Marsha McLean	<i>Santa Clarita</i>	North L. A. County
* 39. Hon. Dan Medina	<i>Gardena</i>	District 28
* 40. Hon. Keith Millhouse	<i>Moorpark</i>	VCTC
41. Hon. Carol Moore	<i>Laguna Woods</i>	OCCOG
* 42. Hon. Gene Murabito	<i>Glendora</i>	District 33
* 43. Hon. Kris Murray	<i>Anaheim</i>	District 19
* 44. Hon. Frank Navarro	<i>Colton</i>	District 6
* 45. Hon. Pam O'Connor	<i>Santa Monica</i>	District 41
46. Hon. Micheál O'Leary	<i>Culver City</i>	WSCCOG
* 47. Hon. Sam Pedroza	<i>Claremont</i>	District 38
48. Hon. Teresa Real Sebastian	<i>Monterey Park</i>	SGVCOG
49. Hon. Dwight Robinson	<i>Lake Forest</i>	OCCOG
* 50. Hon. Ali Saleh	<i>Bell</i>	District 27
51. Hon. Damon Sandoval		Morongo Band of Mission Indians
* 52. Hon. Marty Simonoff	<i>Brea</i>	District 22
53. Hon. Zareh Sinanyan	<i>Glendale</i>	SFVCOG
* 54. Hon. Jose Luis Solache	<i>Lynwood</i>	District 26
55. Hon. David Spence	<i>La Cañada/Flintridge</i>	Arroyo Verdugo Cities
* 56. Hon. Karen Spiegel	<i>Corona</i>	District 63
57. Hon. Barb Stanton	<i>Town of Apple Valley</i>	SANBAG
* 58. Hon. Michelle Steel		Orange County
59. Hon. Cynthia Sternquist	<i>Temple City</i>	SGVCOG
* 60. Hon. Jess Talamantes	<i>Burbank</i>	District 42
61. Hon. Brent Tercero	<i>Pico Rivera</i>	GCCOG
62. Hon. Olivia Valentine	<i>Hawthorne</i>	SBCCOG
* 63. Hon. Cheryl Viegas-Walker	<i>El Centro</i>	District 1
* 64. Hon. Chuck Washington		Riverside County
* 65. Hon. Michael Wilson	<i>Indio</i>	District 66
66. Mr. Gary T. Slater	<i>Caltrans, District 7</i>	Ex-Officio Member

* Regional Council Member

TRANSPORTATION COMMITTEE

AGENDA

FEBRUARY 4, 2016

The Transportation Committee may consider and act upon any of the items listed on the agenda regardless of whether they are listed as Information or Action Items.

CALL TO ORDER & PLEDGE OF ALLEGIANCE

(Hon. Alan Wapner, Chair)

PUBLIC COMMENT PERIOD – Members of the public desiring to speak on items on the agenda, or items not on the agenda, but within the purview of the Committee, must fill out and present a speaker’s card to the Assistant prior to speaking. Comments will be limited to three (3) minutes. The Chair may limit the total time for all comments to twenty (20) minutes.

REVIEW AND PRIORITIZE AGENDA ITEMS

CONSENT CALENDAR

Time **Page No.**

Approval Item

- | | | |
|--|-------------------|----------|
| 1. <u>Minutes of the October 8, 2015 Meeting</u> | Attachment | 1 |
|--|-------------------|----------|

Receive and File

- | | | |
|---|-------------------|-----------|
| 2. <u>Short-Term and Long-Term Demographic and Economic Statistics and Trends in the SCAG Region</u> | Attachment | 9 |
| 3. <u>California Environmental Quality Act (CEQA) Exemptions of Qualified Projects and Areas Under SB 743</u> | Attachment | 46 |
| 4. <u>2016 Regional Council and Policy Committees Meeting Schedule</u> | Attachment | 54 |

INFORMATION ITEMS

- | | | | |
|--|-------------------|-----------------|-----------|
| 5. <u>California Road Charge Pilot Design Recommendations</u>
<i>(Jim Madaffer, Commissioner, California Transportation Commission and Chair, Road Charge Technical Advisory Committee)</i> | Attachment | 30 mins. | 55 |
| 6. <u>Los Angeles and San Bernardino Inter-County Transit and Rail Connectivity Study</u>
<i>(Steve Fox, SCAG Staff)</i> | Attachment | 10 mins. | 58 |

TRANSPORTATION COMMITTEE

AGENDA

FEBRUARY 4, 2016

INFORMATION ITEMS - continued

7. 2016-2040 Regional Transportation Plan/Sustainable Communities Strategy – Update **Oral Update 10 mins.**

CHAIR'S REPORT

(Hon. Alan Wapner, Chair)

STAFF REPORT

(Courtney Aguirre, SCAG Staff)

FUTURE AGENDA ITEM/S

ADJOURNMENT

The next regular meeting of the Transportation Committee (TC) will be held on Thursday, March 3, 2016 at the SCAG Los Angeles Office.

Transportation Committee Meeting
of the
Southern California Association of Governments
October 8, 2015

Minutes

THE FOLLOWING MINUTES ARE A SUMMARY OF ACTIONS TAKEN BY THE TRANSPORTATION COMMITTEE. A DIGITAL RECORDING OF THE ACTUAL MEETING IS AVAILABLE FOR LISTENING IN SCAG'S OFFICE.

The Transportation Committee (TC) met at SCAG's office in downtown Los Angeles. The meeting was called to order by Vice-Chair Hon. Barbara Messina, Alhambra. A quorum was present.

Members Present:

Hon. Sean Ashton, Downey	District 25
Hon. Russell Betts, Desert Hot Springs	CVAG
Hon. Art Brown, Buena Park	District 21
Hon. Diana Lee Carey, Westminster	OCCOG
Hon. Gene Daniels, Paramount	District 24
Hon. Felipe Fuentes, Los Angeles	District 54
Hon. Jeffrey, Giba, Moreno Valley	District 69
Hon. Curt Hagman	San Bernardino County
Hon. Carol Herrera, Diamond Bar	District 37
Hon. Jim Hyatt, Calimesa	District 3
Hon. Linda Krupa, Hemet	WRCOG
Hon. Severo Lara, Ojai	VCOG
Hon. Antonio Lopez, San Fernando	District 67
Hon. Clint Lorimore, Eastvale	District 4
Hon. Marsha McLean, Santa Clarita	District 67
Hon. Dan Medina, Gardena	District 28
Hon. Barbara Messina, Alhambra (Vice-Chair)	District 34
Hon. Keith Millhouse, Moorpark	VCTC
Hon. Carol Moore, Laguna Woods	OCCOG
Hon. Gene Murabito, Glendora	District 33
Hon. Kris Murray, Anaheim	District 19
Hon. Frank Navarro, Colton	District 6
Hon. Pam O'Connor, Santa Monica	District 41
Hon. Sam Pedroza, Claremont	District 38
Hon. Ali Saleh, Bell	GCCOG
Hon. Marty Simonoff, Brea	District 22
Hon. Zareh Sinanyan	Glendale
Hon. David Spence, La Canada-Flintridge	Arroyo Verdugo Cities
Hon. Karen Spiegel, Corona	District 63
Hon. Barb Stanton, Apple Valley	SANBAG
Hon. Jess Talamantes, Burbank	District 42
Hon. Olivia Valentine, Hawthorne	SBCOG
Hon. Cheryl Viegas-Walker, El Centro	District 1
Hon. Chuck Washington, Temecula	Riverside County

Members Not Present:

Hon. Mike Antonovich	Los Angeles County
Hon. Rusty Bailey, Riverside	District 68
Hon. Glen Becerra, Simi Valley	District 46
Hon. Ben Benoit, Wildomar	WRCOG
Hon. Joe Buscaino, Los Angeles	District 62
Hon. Don Campbell, Brawley	ICTC
Hon. Jonathan Curtis, La Cañada-Flintridge	District 36
Hon. Paul Eaton, Montclair	District 9
Hon. Gonzalez, Lena, Long Beach	District 30
Hon. Bert Hack, Laguna Woods	OCCOG
Hon. Jan Harnik, Palm Desert	RCTC
Hon. Dave Harrington, Aliso Viejo	OCCOG
Hon. Jose Huizar, Los Angeles	District 61
Hon. Jim Katapodis, Huntington Beach	District 64
Hon. Randon Lane, Murrieta	Murrieta
Hon. James C. Ledford	Palmdale
Hon. Ray Marquez, Chino Hills	District 10
Hon. Michele Martinez, Santa Ana	District 16
Hon. Andrew Masiel, Sr.	Pechanga Band of Luiseño Indians
Hon. Ryan McEachron, Victorville	District 65
Hon. Micheál O’Leary, Culver City	WCCOG
Hon. Teresa Real Sebastian, Monterey Park	SGVCOG
Hon. Dwight Robinson, Lake Forest	OCCOG
Hon. Damon Sandoval	Morongo Band of Mission Indians
Hon. José Luis Solache, Lynwood	District 26
Hon. Michelle Steel	County of Orange
Hon. Brent Tercero, Pico Rivera	GCCOG
Hon. Alan Wapner, Ontario (<i>Chair</i>)	SANBAG
Hon. Michael Wilson, Indio	District 66
Mr. Gary Slater	Caltrans District 7

CALL TO ORDER & PLEDGE OF ALLEGIANCE

Hon. Barbara Messina, Alhambra, called the meeting to order at 10:06 a.m. Hon. Jim Hyatt, Calimesa, led the Pledge of Allegiance.

ACTION ITEMS

CONSENT CALENDAR

Receive and File

1. Minutes of the September 3, 2015 Meeting
2. Proposed 2017 Federal Transportation Improvement Program (FTIP) Guidelines
3. Draft 2016-2040 Regional Transportation Plan/Sustainable Communities Strategy (2016 RTP/SCS) – Proposed Air Cargo Forecast
4. 2015 Regional Council and Policy Committees Meeting Schedule
5. 2016 Regional Council and Policy Committees Meeting Schedule
6. 2015 Active Transportation Program Update

7. SCAG Sustainability Planning Grants Program – Monthly Update
8. Cap-and-Trade Greenhouse Gas Reduction Fund: Affordable Housing & Sustainable Communities (AHSC) Program Update: Draft Guidelines
9. 2016-2040 Regional Transportation Plan/Sustainable Communities Strategy (2016 RTP/SCS) – Proposed Public Health Guiding Principles and Framework
10. Recap of Progress made on the Development of the Draft 2016-2040 Regional Transportation Plan/Sustainable Communities Strategy (2016 RTP/SCS) and Anticipated Next Steps

A MOTION was made (Viegas-Walker) and SECONDED (Navarro) to approve items 2 – 10 of the Consent Calendar. The Motion passed by the following votes:

AYES: Ashton, Betts, Carey, Daniels, Giba, Hagman, Herrera, Hyatt, Krupa, Lara, Lopez, Lorimore, McLean, Messina, Millhouse, Moore, Murray, Navarro, O’Connor, Simonoff, Sinanyan, Valentine, Viegas-Walker, Washington

NOES: None

ABSTAIN: None

1. Minutes of the September 3, 2015 Meeting

Hon. Marsha McLean, Santa Clarita, requested that the words “existing and future” be included in the MOTION regarding proposed financial strategies. A MOTION was made (Hagman) and SECONDED (McLean) to approve the Minutes as amended. The Motion passed by the following votes:

AYES: Ashton, Betts, Carey, Daniels, Giba, Hagman, Herrera, Hyatt, Krupa, Lara, Lopez, Lorimore, McLean, Messina, Millhouse, Moore, Murray, Navarro, O’Connor, Simonoff, Valentine, Viegas-Walker, Washington

NOES: None

ABSTAIN: Sinanyan

11. Draft 2016-2040 Regional Transportation Plan/Sustainable Communities Strategy (2016 RTP/SCS) – Proposed Regional Express Lane Network

Annie Nam, SCAG staff, stated the Proposed Regional Express Lane Network is supported by a Federal Highway Administration (FHWA) Value Pricing Pilot with the goal of developing a Concept of Operations that will serve as a blueprint for operations, design and business rules for a regional network. Ms. Nam introduced Darren Henderson, Vice President and Project Director, Parsons Brinkerhoff. Mr. Henderson stated the purpose of the study is to examine how the existing HOV network can be better managed to increase productivity, improve throughput and mobility. Additionally, there is a growing network of express lane facilities in the region currently operated by multiple agencies using different facility designs and toll policies and as they join together between counties it’s beneficial to provide consistency to the customer experience. It was further noted with increased demand most HOV facilities in the region are becoming degraded and don’t meet the federal performance standard.

Mr. Henderson stated express lanes are dedicated lanes that are proactively managed with real-time response to supply and demand to preserve capacity and mobility in the corridor. Benefits include improved reliability and air quality, decreased fuel consumption, revenue generation and managed lanes can be used by carpools and public transit. The 2012 RTP/SCS Regional Express Lane Network was reviewed as well as the network proposed

for the 2016 RTP/SCS. Mr. Henderson reviewed the key issues examined in developing the Concept of Operations Report which will provide guidance to the individual agencies establishing projects in the region.

Hon. Cheryl Viegas-Walker, El Centro, asked how this effort aligns with San Diego County and the counties north of the SCAG region. Mr. Henderson responded that California statues require that consistency is established throughout the state. The California Toll Operators Committee coordinate efforts so transponders can be used anywhere in the state and there is reciprocity between agencies. Also, guidance is provided by Caltrans and FHWA regarding consistency of signage among the different express lane facilities in the state.

A MOTION was made (Millhouse) to support for inclusion in the Draft 2016 RTP/SCS the proposed Regional Express Lane Network. The motion was SECONDED (Viegas-Walker). The Motion passed by the following votes:

AYES: Ashton, Daniels, Fuentes, Giba, Herrera, Hyatt, Krupa, Lara, Lopez, Lorimore, Messina, Millhouse, Murabito, Murray, Navarro, O'Connor, Simonoff, Sinanyan, Spence, Spiegel, Talamantes, Valentine, Viegas-Walker, Washington
NOES: Betts, Carey, Hagman, McLean, Moore, Stanton
ABSTAIN: None

12. 2016-2040 Regional Transportation Plan/Sustainable Communities Strategy (2016 RTP/SCS) – Proposed Goods Movement Strategies

Annie Nam, SCAG staff, reported on the proposed goods movement strategies for the 2016 RTP/SCS. Ms. Nam reviewed the regional goods movement infrastructure including 6 commercial airports, an extensive network of freeways and arterials, two of the country's largest container ports and over 1 billion square feet of warehouse facilities. Ms. Nam noted the 2012 RTP/SCS Goods Movement Plan involved extensive data collection to understand goods movement functions and strategies were designed to achieve multiple objectives such as congestion relief, safety and environmental concerns. Additionally, there was a focus on strategies to locate goods movement activities closer to industrial areas and away from residential communities where feasible.

Ms. Nam noted the 2016 RTP/SCS Goods Movement Plan is updated from the 2012 Plan where applicable including an updated ports cargo forecast which projects 36 million TEUs (Twenty-foot Equivalent Unit) by 2040. Additional elements include the Border Crossing Study which examines impacts of commerce at the California-Baja and California Border. Also, the Industrial Warehousing Study examines supply and demand, operational parameters and locations of the region's warehouses, distribution centers, and transloading facilities. Additional emphasis areas for the 2016-2040 RTP/SCS include documenting supply chain flows of key commodities moving through the region, refining regional truck bottleneck analysis, assessing roadway safety and pavement conditions of key truck routes and examining how urban delivery systems such as warehouses and manufacturing function to support the economy as well as demonstration projects for near-zero and zero-emission technologies.

Proposed goods movement investments for the 2016-2040 RTP/SCS total over \$75 billion and include an East-West Freight Corridor, truck bottleneck projects, freight rail capacity, grade separations and emission reduction strategies.

Hon. Barb Stanton, Apple Valley, asked if the proposed E220 corridor is being considered as a truck toll facility. Ms. Nam responded that the corridor is not currently indicated in the plan as a freight tolling corridor.

A MOTION was made (Spiegel) and SECONDED (Millhouse) to support for inclusion in the Draft 2016 RTP/SCS the proposed goods movement strategies. The Motion passed by the following votes:

AYES: Ashton, Betts, Daniels, Fuentes, Hagman, Hyatt, Krupa, Lara, Lopez, Lorimore, McLean, Medina, Messina, Millhouse, Moore, Murabito, Murray, Navarro, O'Connor, Pedroza, Sinanyan, Spence, Spiegel, Stanton, Talamantes, Valentine, Viegas-Walker, Washington
NOES: Carey, Giba, Herrera, Simonoff
ABSTAIN: Saleh

13. Draft 2016-2040 Regional Transportation Plan/Sustainable Communities Strategy (2016 RTP/SCS) – Proposed Active Transportation Plan Investment Framework

Demi Espinoza, Safe Routes to School National Partnership, spoke in support of the Active Transportation Plan Investment Framework.

Alan Thompson, SCAG staff, reported on the Proposed Active Transportation Plan. Mr. Thompson stated the 2016 RTP/SCS Active Transportation Plan updates and expands on the 2012 plan using a bottom-up approach that incorporates all local and countywide plans and aims to position the region for success in competitive grant programs. It was noted progress since 2012 includes 500 miles of additional bikeways built, \$350 million in active transportation investments including leveraging \$200 million in grants from California Active Transportation Program. Safety and encouragement programs include the SCAG-led “Go Human” campaign.

Mr. Thompson stated the 2016 RTP/SCS nearly doubles funding for active transportation to \$12.9 billion including capturing \$4.8 billion using a “complete streets” approach integrating pedestrian and bicycle improvements into maintenance and operations projects. Mr. Thompson reported the plan involves a network of complementary strategies such as First/Last Mile that’s designed to improve transit and active transportation connections for high quality bus corridors and at 224 existing or planned light and heavy rail stations. Additionally, bike share service will be developed for Los Angeles, Santa Monica and Pasadena including 880 stations and nearly 9000 bicycles. The Regional Trip Strategy involves the development of a Regional Bikeway Network including greenways that are separated from motor vehicles such as creating bikeways adjacent to rivers. Education efforts include the “Go Human” safety campaign and encouragement activities include Safe Routes to School and open street events such as CicLAvia. Mr. Thompson noted the plan is a comprehensive network of activities designed to build critical links to other modes and technology improvements.

Hon. Sam Pedroza, Claremont, asked how regional plans can be leveraged by local governments seeking to develop and fund active transportation projects. Mr. Thompson responded that recent funding opportunities available to local governments include

SCAG's Sustainability Planning Grant Program as well as on-going programs such as California Active Transportation Program and Cap-and-Trade Affordable Housing and Sustainable Communities Strategy. Additionally, local governments can create synergies with their public works departments by building out their active transportation network as part of regular street maintenance as a way to reduce costs.

A MOTION was made (Millhouse) and SECONDED (Lara) to support for inclusion in the Draft 2016 RTP/SCS the proposed Active Transportation Plan Investment Framework. The Motion passed by the following votes:

AYES: Ashton, Betts, Carey, Daniels, Fuentes, Giba, Herrera, Hyatt, Krupa, Lara, Lopez, Lorimore, Medina, Messina, Millhouse, Moore, Murabito, Murray, Navarro, O'Connor, Pedroza, Saleh, Simonoff, Sinanyan, Spence, Spiegel, Stanton, Talamantes, Viegas-Walker, Washington

NOES: Hagman

ABSTAIN: Valentine

14. 2016-2040 Regional Transportation Plan/Sustainable Communities Strategy (2016 RTP/SCS) – Proposed Regional Aviation Ground Access Strategies

Ryan N. Hall, SCAG staff, introduced Steven Greene, Project Manager, AECOM. Mr. Greene stated ground access analysis utilizes employment and population data to determine how many air passenger trips each part of the region generates. Further, business trips tend to be related to high wage employment and non-business trips are related to population and income. Several factors determine which airport air passenger use including amount of time it takes to get to the airport, the portfolio of destinations served, the frequency of flights, airline preference and airfare. Airports that have more nonstop routes can attract more passengers from greater distances.

Mr. Greene stated ground access strategies include supporting the committee's policy of regionalization as well as local planning efforts by airport operators, county transportation commissions and local jurisdictions. Additional strategies include encouraging development of transit access to airports as well as modes with high average vehicle occupancy such as the Flyaway bus and to discourage use of modes that only carry a passenger one direction (referred to as "deadhead" trips) to reduce airport auto congestion. Mr. Greene further noted that projects in the 2016 RTP/SCS include adding an additional Metrolink station at the Burbank Airport as well as extending the Metro Red Line from North Hollywood to serve the airport. Ontario Airport improvements include a new Rancho Cucamonga rail connection as well as numerous local freeway interchange, arterial and grade separation improvements in the area. LAX ground access improvements include the new Crenshaw/Green Line station, a consolidated rental car facility and Intermodal Transit Center which will be connected to the terminals by an Automated People Mover (APM).

Hon. Russell Betts, Desert Hot Springs, asked if other ground access studies have been done for airports outside the SCAG region to compare mode of arrival data such as transit. Mr. Greene responded that both Washington National (DCA) and San Francisco (SFO) have direct rail connections which generate approximately 10% transit access to those airports, among the highest transit mode shares nationally.

A MOTION was made (Murray) and SECONDED (Spiegel) to support for inclusion in the Draft 2016 RTP/SCS the proposed ground access improvement framework with consideration of an ARTIC (Anaheim Regional Transportation Intermodal Center) to Ontario connection. The Motion passed by the following votes:

AYES: Ashton, Betts, Brown, Carey, Daniels, Fuentes, Giba, Hagman, Herrera, Hyatt, Krupa, Lara, Lorimore, Medina, Messina, Moore, Murabito, Murray, Navarro, O'Connor, Pedroza, Saleh, Simonoff, Sinanyan, Spence, Spiegel, Stanton, Talamantes, Valentine, Washington

NOES: None

ABSTAIN: None

STAFF REPORT

Alison Linder, SCAG staff, noted that the November meeting will be a Joint Policy Committees meeting beginning at 9:30 a.m.

ADJOURNMENT

Vice Chair Hon. Barbara Messina, Alhambra, adjourned the meeting at 12:08 p.m. The next meeting of the Transportation Committee will be held Thursday, February 4, 2016 at the SCAG Los Angeles office.



Alison Linder, Regional Planner
Transportation Planning

Transportation Committee Attendance Report

2015

Member (including Ex-Officio) Last Name, First Name	Representing	X = County Represented						X = Attended				= No Meeting	NM = New Member							
		IC	LA	OC	RC	SB	VC	Jan	Feb	Mar	April	GA May	June	July	23-Jul	6-Aug	Sept	Oct	Nov	Dec
Antonovich, Michael*	Los Angeles County		X							X					X					
Ashton, Sean*	Downey														NM			X	X	
Bailey, Rusty*	Riverside, WRCOG				X					X	X				X	X		X		
Becerra, Glen*	Simi Valley		X							X										
Benoit, Ben	Wildomar, WRCOG				X					X	X				X	X	X	X		
Betts, Russell	Desert Hot Springs, CVAG				X					X	X				X	X	X	X	X	
Brown, Art*	Buena Park			X						X	X				X	X	X	X	X	X
Buscaino, Joe*	Los Angeles		X												NM			X		
Campbell, Don	ICTC	X								X					X	X		X		
Carey, Diana Lee	Westminster, OCCOG			X						X	X				X	X		X	X	
Curtis, Jonathan*	La Cañada Flintridge		X							X	X				X			X		
Daniels, Gene*	Paramount		X							X	X				X	X	X	X	X	X
Eaton, Paul*	Montclair					X				X					X	X	X	X		
Fuentes, Felipe*	Los Angeles		X												NM	X	X		X	X
Giba, Jeffrey*	Moreno Valley				X										NM	X	X	X	X	X
Gonzalez, Lena	Long Beach		X															NM		
Hack, Bert	Laguna Woods			X						X	X				X	X	X	X		
Hagman, Curt*	San Bernardino County					X				X					X	X		X	X	X
Hamik, Jan*	Palm Desert, RCTC				X					X	X				X	X	X	X	X	
Harrington, Dave	Aliso Viejo, OCCOG			X								NM			X	X				
Herrera, Carol	Diamond Bar		X								X				X	X	X	X	X	X
Hofbauer, Steven*	Palmdale/No. LA County		X							X	X				X			X	X	
Huizar, Jose*	Los Angeles		X																	
Hyatt, Jim*	Calimesa				X					X	X				X	X	X	X	X	X
Katapodis, Jim*	Huntington Beach			X						X	X				X	X	X	X	X	X
Krupa, Linda	Hemet, WRCOG				X					X	X				X	X			X	X
Lane, Randon*	Murrieta				X										X	X	X		X	
Lara, Severo	Ojai, VCTC						X					NM			X	X		X	X	X
Ledford, James C.	Palmdale/No. LA County		X												X			X		
Lopez, Antonio*	San Fernando		X												NM	X	X		X	X
Lorimore, Clint*	Eastvale				X					X	X				X	X	X	X	X	X
Marquez, Ray*	Chino Hills					X					X				X	X	X	X	X	
Martinez, Michele*	Santa Ana			X						X	X				X	X	X	X	X	
Masiel Sr., Andrew*	Pechanga Luiseño Indians																X		X	
McEachron, Ryan*	Victorville					X				X					X	X	X	X	X	
McLean, Marsha	Santa Clarita		X							X	X				X	X		X	X	X
Medina, Dan*	Gardena		X							X	X				X	X	X		X	X
Messina, Barbara* (Vice-Chair)	Alhambra		X							X	X				X	X		X	X	X
Millhouse, Keith*	Moorpark						X			X	X				X			X	X	X
Moore, Carol	Laguna Woods, OCCOG			X								NM			X	X	X	X	X	X
Murabito, Gene*	Glendora		X												NM	X		X		X
Murray, Kris*	Anaheim			X						X	X				X	X	X		X	X
Navarro, Frank*	Colton					X				X	X				X	X		X	X	X
O'Connor, Pam*	Santa Monica		X								X					X			X	X
O'Leary, Micheál	Culver City/WCCOG		X							X					X	X			X	
Pedroza, Sam*	Claremont		X							X	X				X	X			X	X
Real Sebastian, Teresa	Monterey Park/SGVCOG		X							X	X				X		X	X		
Robinson, Dwight	Lake Forest, OCCOG			X							X				X					
Saleh, Ali*	City of Bell, GCCOG		X																X	X
Sandoval, Damon	Morongo Band of Mission Indians																			
Simonoff, Marty*	Brea			X							X				X	X			X	X
Sinanyan, Zareh	Glendale		X												NM			X		X
Slater, Gary	Caltrans District 7										NM							X	X	
Solache, José Luis*	Lynwood		X																	
Spence, David	Flintridge/Arroyo Verdugo Cities		X							X	X				X	X	X	X		X
Spiegel, Karen*	Corona/WRCOG				X					X	X				X	X	X	X		X
Stanton, Barb	Apple Valley					X									X	X	X	X	X	X
Steel, Michelle*	Orange County			X						X	X				X				X	
Talamantes, Jess*	Burbank/SFVCOG		X							X	X					X	X		X	X
Tercero, Brent	Pico Rivera		X							X	X									
Valentine, Olivia	Hawthorne, SBCCOG		X												NM	X				X
Viegas-Walker, Cheryl*	El Centro	X								X	X				X	X		X	X	X
Wapner, Alan* (Chair)	Ontario, SANBAG					X				X	X				X	X	X	X		
Washington, Chuck*	Riverside County				X						X				X			X		X
Wilson, Michael*	Indio, CVAG			X						X	X				X				X	
Totals		2	27	11	12	7	2													

* Regional Council Member

DATE: February 4, 2016

TO: Community, Economic and Human Development (CEHD) Committee
Energy and Environment Committee (EEC)
Transportation Committee (TC)

FROM: Frank Wen, Manager of Research and Analysis; 213-236-1854; wen@scag.ca.gov

SUBJECT: Short-Term and Long-Term Demographic and Economic Statistics and Trends in the SCAG Region

EXECUTIVE DIRECTOR'S APPROVAL: 

RECOMMENDED ACTION FOR CEHD:
For Information Only – No Action Required.

RECOMMENDED ACTION FOR EEC AND TC:
Receive and File

EXECUTIVE SUMMARY:

To better serve the region, SCAG produces and publishes monthly economic reports, regional snapshots, and economic and demographic data library. Staffs will introduce key statistics from the products.

STRATEGIC PLAN:

This item supports SCAG's Strategic Plan, Goal 1: Improve Regional Decision Making by Providing Leadership and Consensus Building on Key Plans and Policies, and Objective (a): Create and facilitate a collaborative and cooperative environment to produce forward thinking regional plans

BACKGROUND:

To better understand and monitor the SCAG region's short term economic trends, SCAG produces and publishes Monthly Economic Reports for Counties and SCAG region at SCAG website (<http://economy.scag.ca.gov/Pages/MonthlyReports.aspx>). Variables in the reports include employment, unemployment rate, changes in employment by sectors, and residential building permits issued by building types for the most recent two years, where data are available.

SCAG produces and publishes the SCAG region's long term snapshots in the form of interactive charts at SCAG website (<http://economy.scag.ca.gov/Pages/RegionalSnapshots.aspx>). The variables include regional and county level information on total employment, unemployment, taxable sales, residential building permits issued, value of merchandise imported and exported throughout the SCAG Region.

SCAG maintains the economic and demographic data library (<http://gisdata.scag.ca.gov/Pages/SocioEconomicLibrary.aspx>). The library provides various socio-economic data including population, employment, income, housing, trade, sales, and projection data for the Counties and the region.



REPORT

SCAG provides the latest information on SCAG's Southern California Economic Recovery & Job Creation Strategy, the annual Economic Summit and regional Economic and Demographic Data, along with analysis and resources (<http://economy.scag.ca.gov/Pages/EconomicSummit/EconomicSummit.aspx> for the Sixth Annual Southern California Economic Summit).

SCAG hosts an annual demographic workshop. At this workshop we can share information to enhance our analysis of economic and demographic trends and forecasts which, in turn, will help us plan better for the future of this region. (check with <http://www.scag.ca.gov/calendar/Pages/DemographicWorkshop.aspx> for 26th Annual Demographic Workshop).

Staffs will introduce key statistics from the products to show short term and long term demographic and economic trends in the SCAG region.

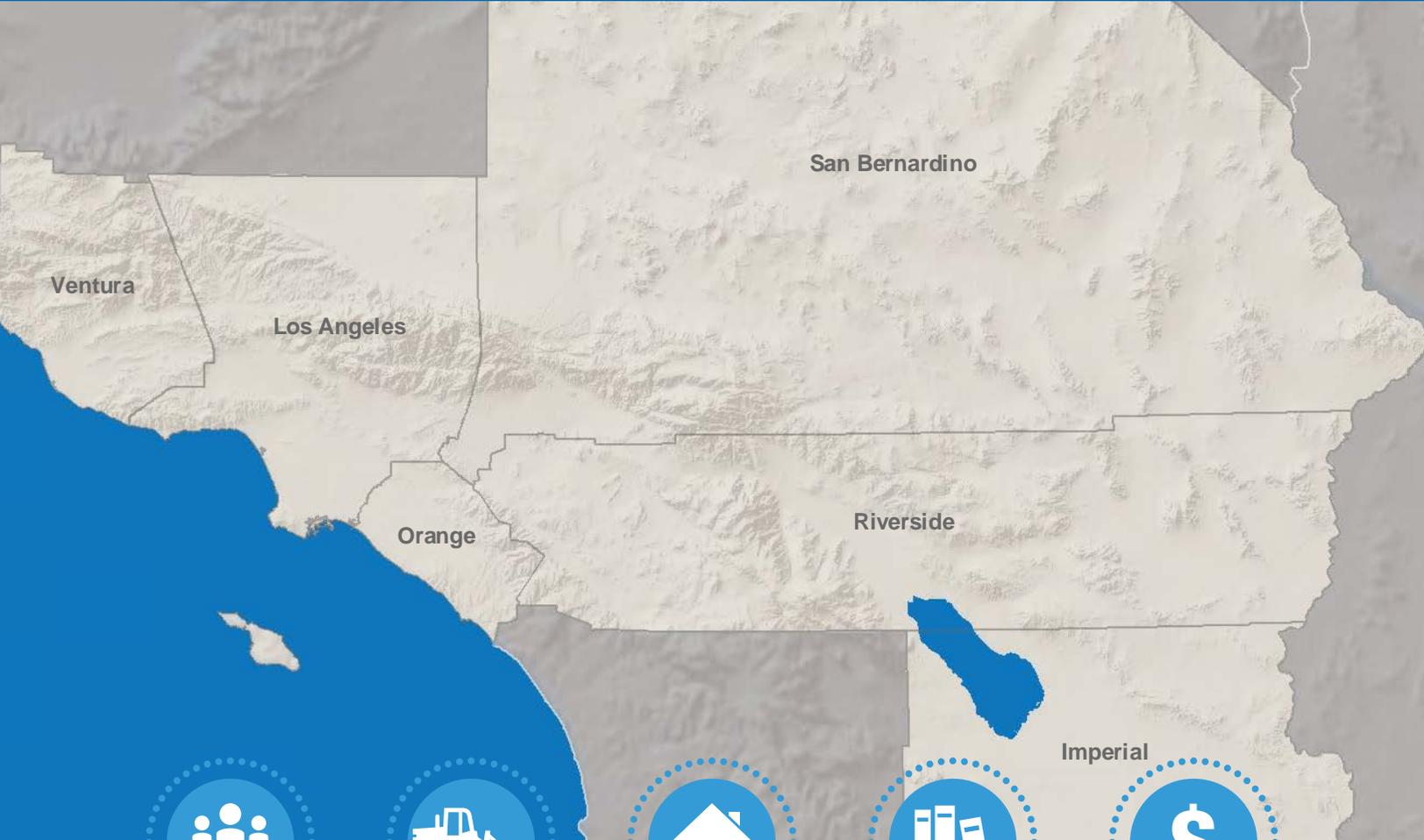
FISCAL IMPACT:

None

ATTACHMENTS:

1. Monthly Economic Report: December 2015
2. PowerPoint Presentation: "Short-Term and Long-Term Demographic and Economic Statistics and Trends in the SCAG Region"

DECEMBER 2015 MONTHLY ECONOMIC REPORT



Land Use and Environmental Planning Division
Research and Analysis Department



ABOUT THIS REPORT

This report serves to provide timely economic data on the SCAG region and each of the counties within the region – Imperial, Los Angeles, Orange, Riverside, San Bernardino and Ventura. It charts Southern California’s economic pulse, giving scholars, agencies and cities insight into the economic health of the region. The information contained herein was compiled using recent data published by the California Employment Development Department, the U.S. Bureau of Labor Statistics and the Construction Industry Research Board.

ABOUT SCAG

SCAG is the nation’s largest metropolitan planning organization, representing six counties, 191 cities and more than 18 million residents. SCAG undertakes a variety of planning and policy initiatives to encourage a more sustainable Southern California now and in the future. For more information about SCAG, please visit www.scag.ca.gov.

For more information, please contact:

John Cho

Associate Regional Planner

Research and Analysis

Land Use and Environmental Planning Division

Email: choj@scag.ca.gov

FIGURES 1-5 ARE BASED ON COMBINED TOTAL FOR THE REGION'S COUNTIES.

* Not seasonally-adjusted

FIGURE 1

Wage and Salary Employment

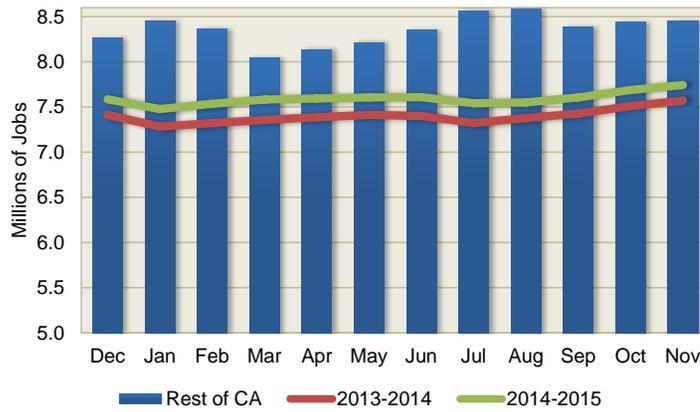


FIGURE 2

Change in Employment From Previous Year

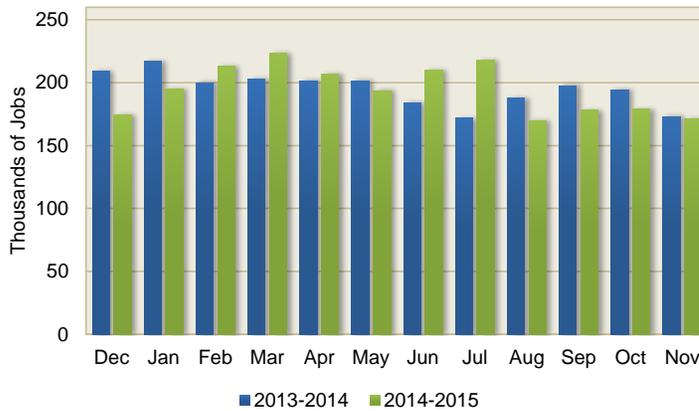


FIGURE 3

Comparative Unemployment Rates SCAG Region vs. U.S. 2014-2015

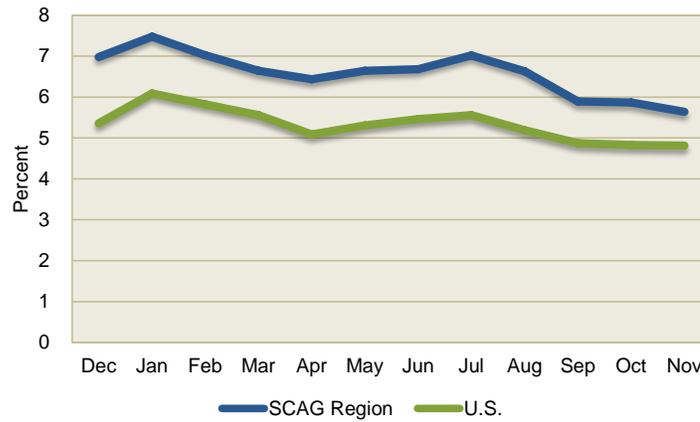
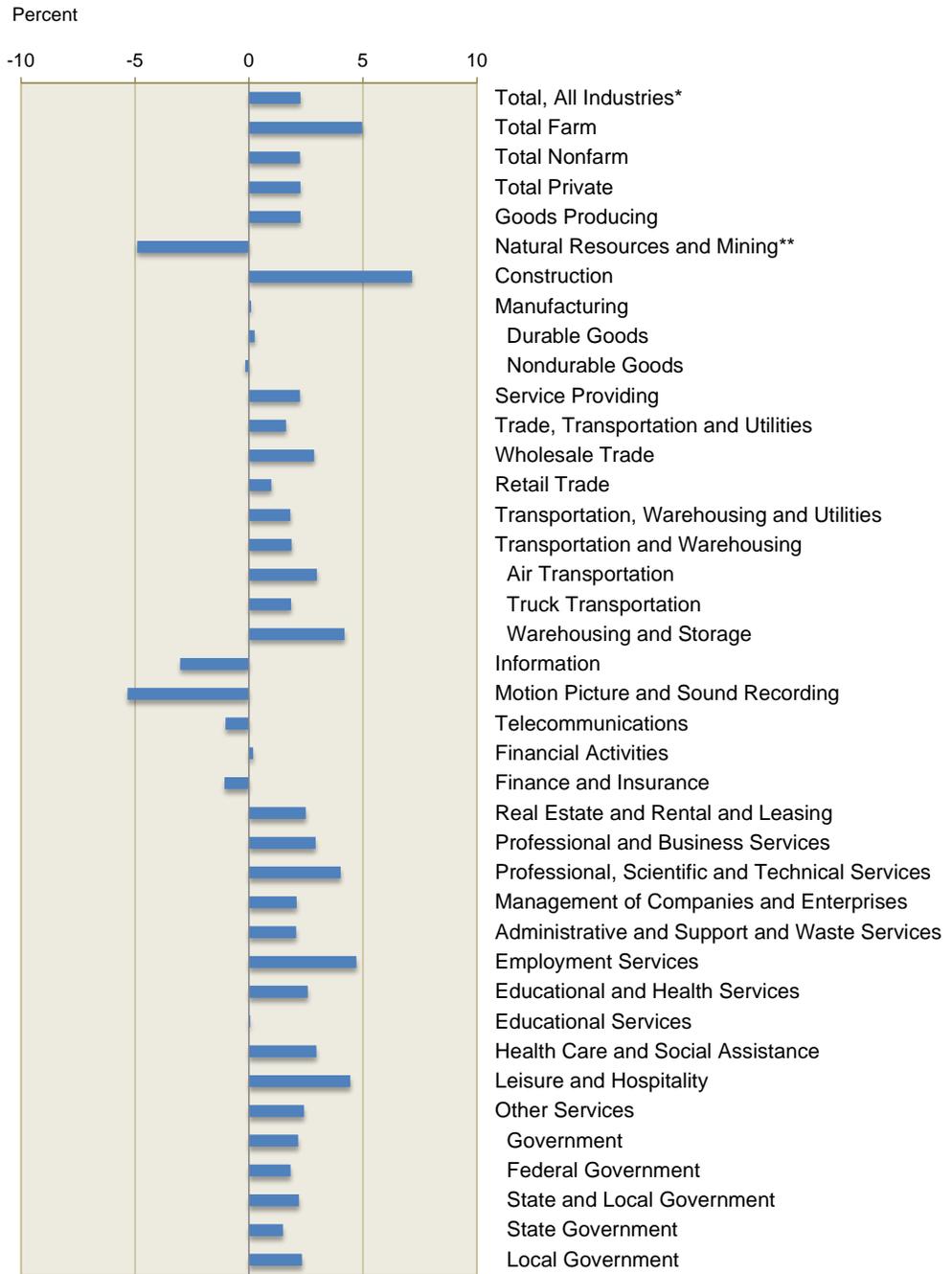


FIGURE 4

Percentage Change in Employment by Major Sector

(Nov. 2014 - Nov. 2015)
SCAG Region



* Excludes self employed, unpaid family members, household domestic workers, and workers on strike.

** For Imperial County, includes construction.

FIGURE 5

Comparative Unemployment Rates

Counties in SCAG Region
2014-2015

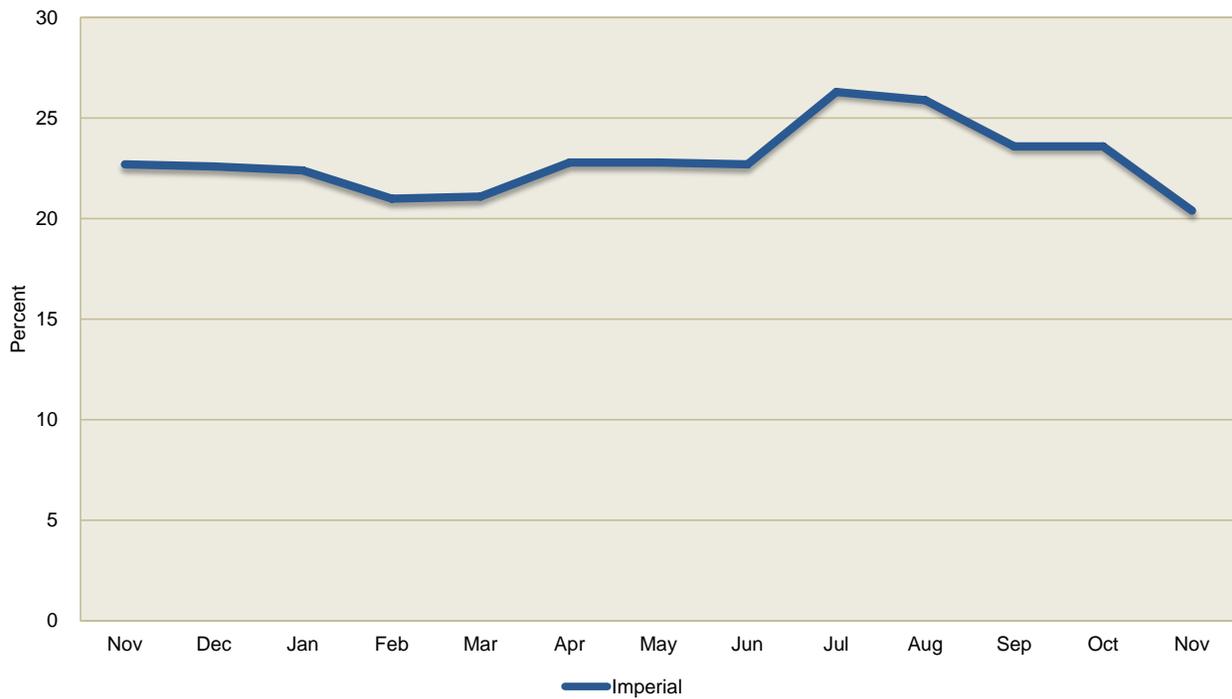
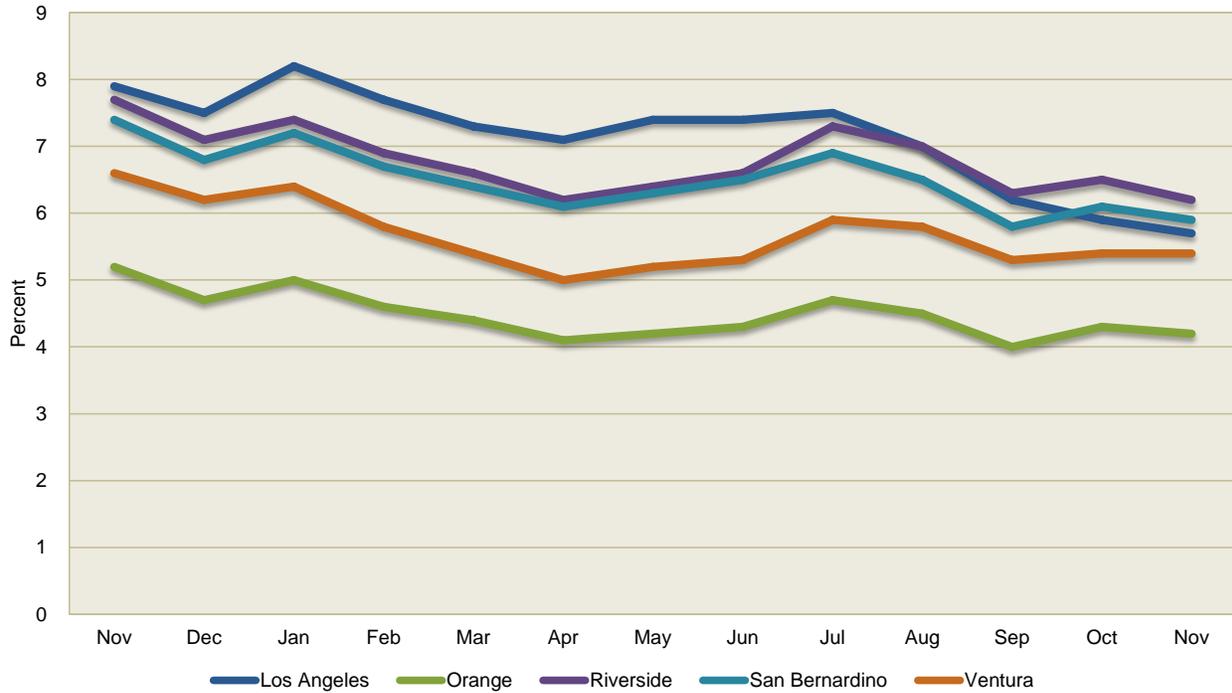


FIGURE 6-1
Imperial County
Wage and Salary Employment

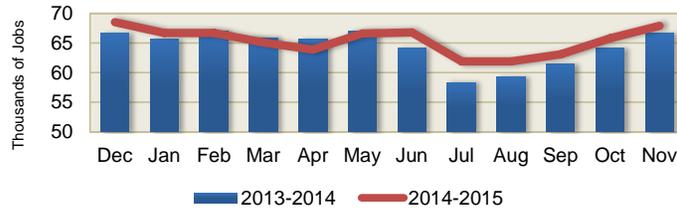


FIGURE 6-2
Imperial County
Change in Employment From Previous month

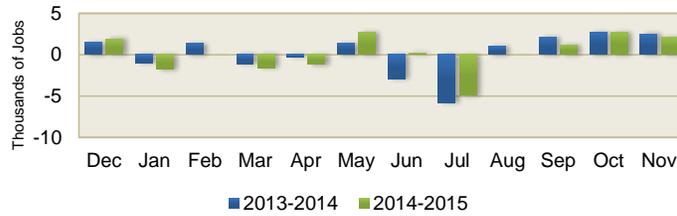


FIGURE 6-3
Imperial County
Change in Employment From Previous year

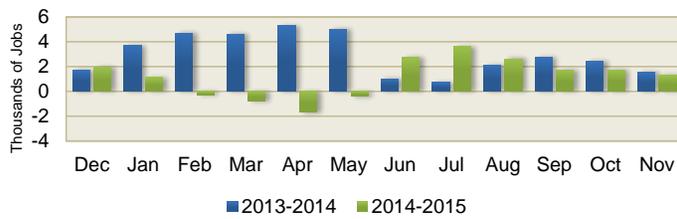


FIGURE 6-4
Imperial County
Comparative Unemployment Rates 2014-2015

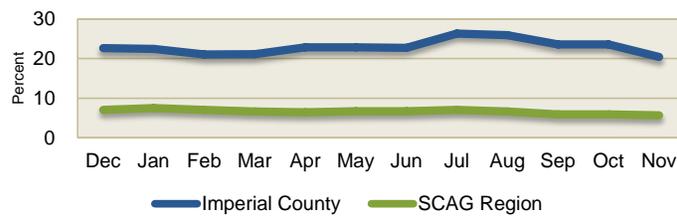


FIGURE 7-1
Los Angeles County
Wage and Salary Employment

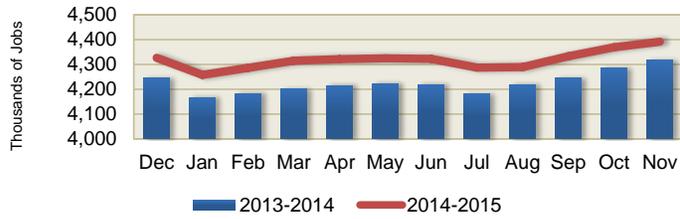


FIGURE 7-2
Los Angeles County
Change in Employment From Previous month

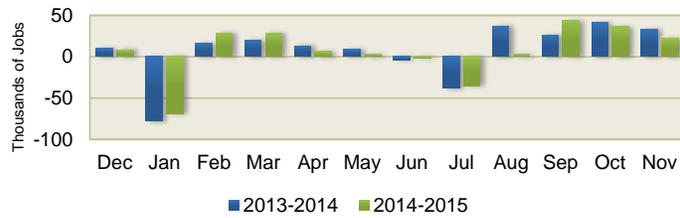


FIGURE 7-3
Los Angeles County
Change in Employment From Previous year

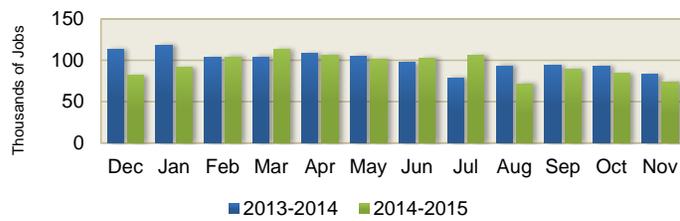


FIGURE 7-4
Los Angeles County
Comparative Unemployment Rates
2014-2015



FIGURE 8-1
Orange County
Wage and Salary Employment

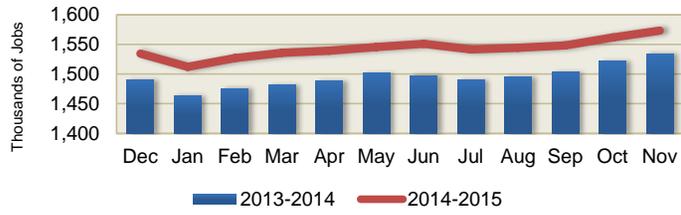


FIGURE 8-2
Orange County
Change in Employment From Previous month

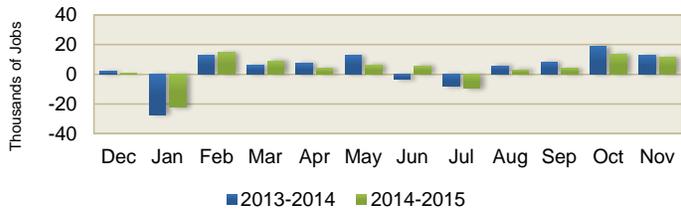


FIGURE 8-3
Orange County
Change in Employment From Previous year

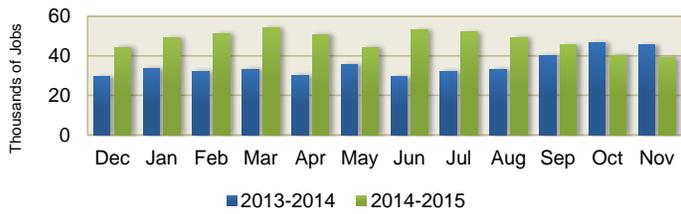


FIGURE 8-4
Orange County
Comparative Unemployment Rates
2014-2015

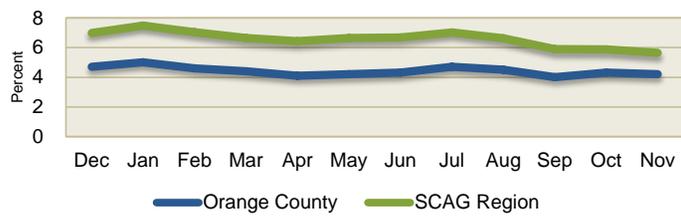


FIGURE 9-1
Riverside County
Wage and Salary Employment

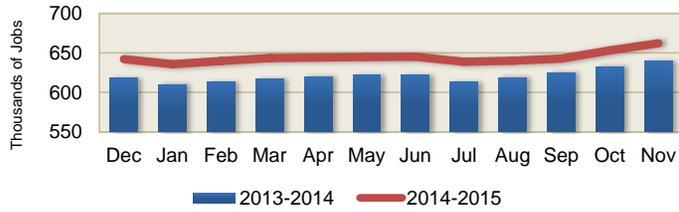


FIGURE 9-2
Riverside County
Change in Employment From Previous month

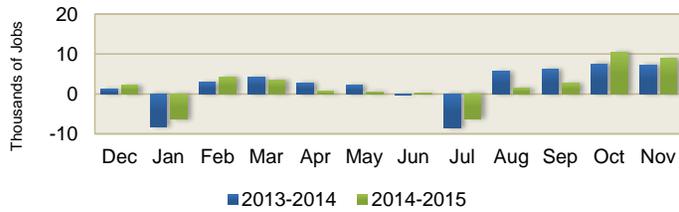


FIGURE 9-3
Riverside County
Change in Employment From Previous year

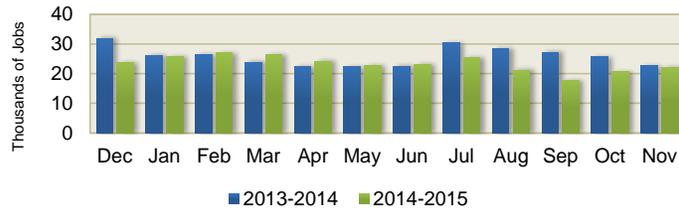


FIGURE 9-4
Riverside County
Comparative Unemployment Rates
2014-2015

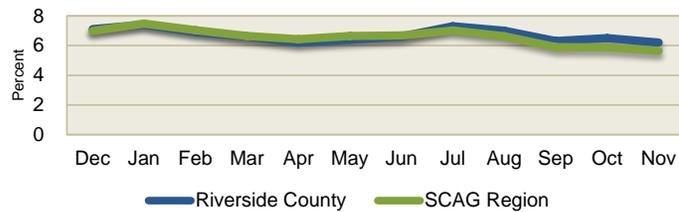


FIGURE 10-1
San Bernardino County
Wage and Salary Employment

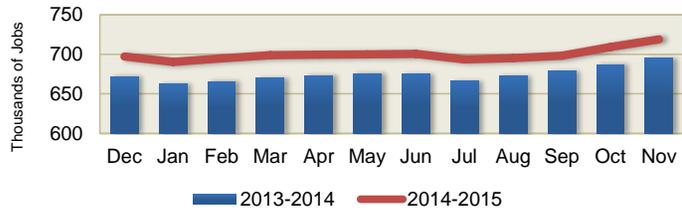


FIGURE 10-2
San Bernardino County
Change in Employment From Previous month

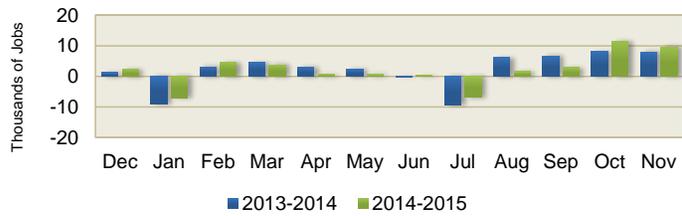


FIGURE 10-3
San Bernardino County
Change in Employment From Previous year
(Thousands of Jobs)

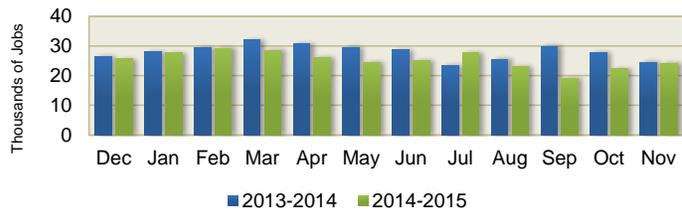


FIGURE 10-4
San Bernardino County
Comparative Unemployment Rates
2014-2015

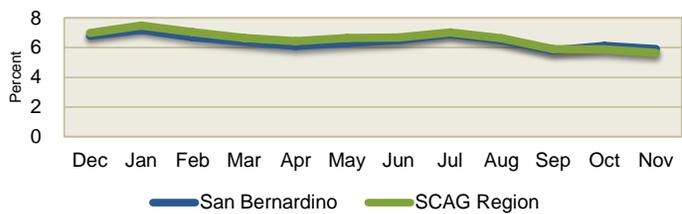


FIGURE 11-1
Ventura County
Wage and Salary Employment

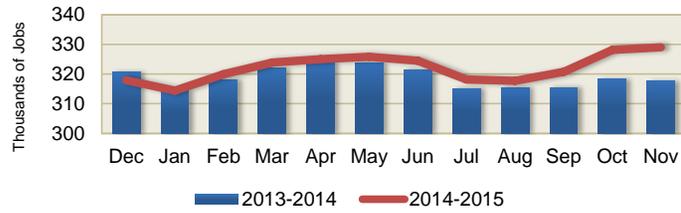


FIGURE 11-2
Ventura County
Change in Employment From Previous month

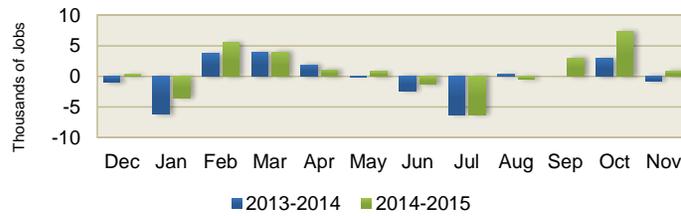


FIGURE 11-3
Ventura County
Change in Employment From Previous year

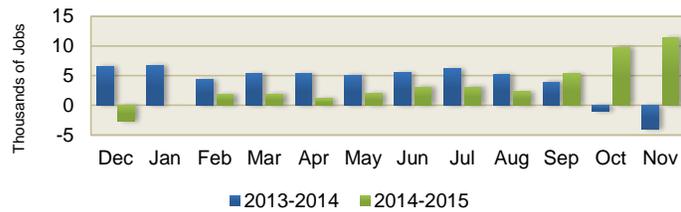


FIGURE 11-4
Ventura County
Comparative Unemployment Rates 2014-2015

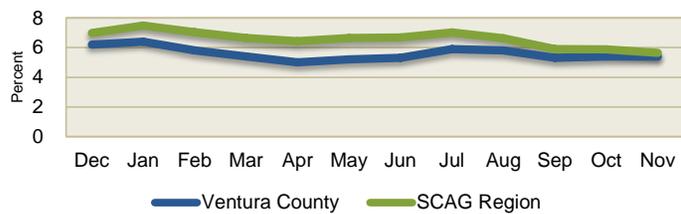


FIGURE 12

**Building Permits
Single Family**

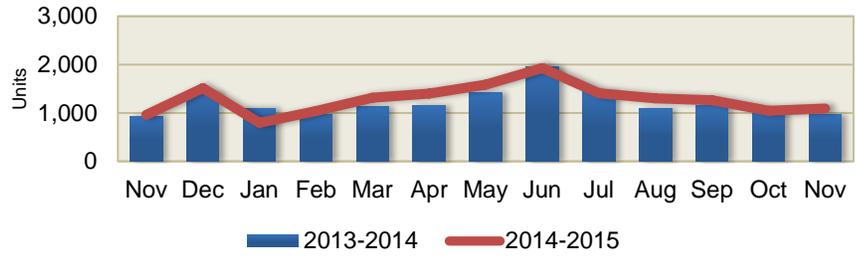


FIGURE 13

**Building Permits
Multi Family**

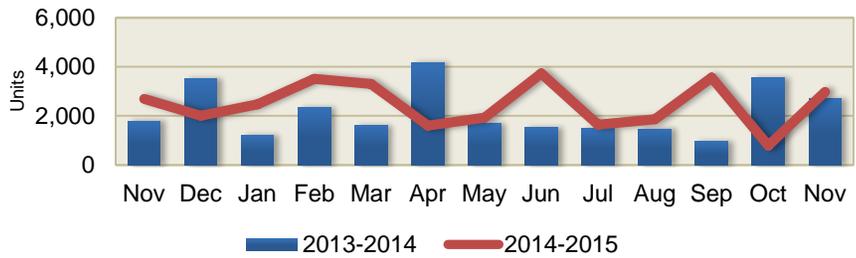


FIGURE 14

**Valuation of Total
Building Permits**

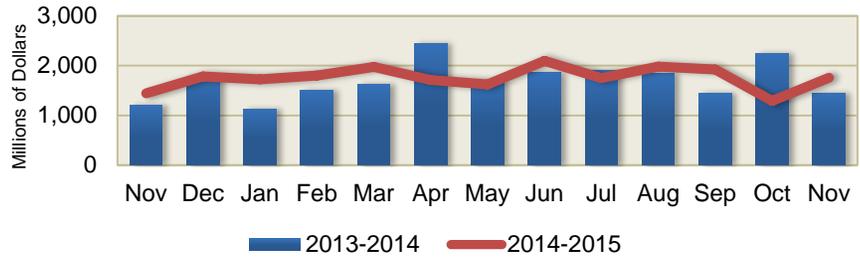


FIGURE 15

**Valuation of Residential
Building Permits**

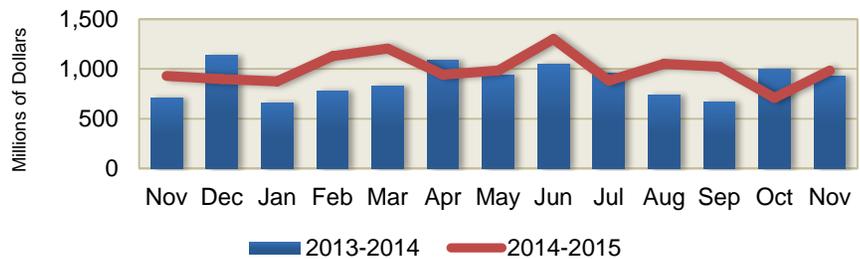


FIGURE 16

Valuation of Commercial Building Permits

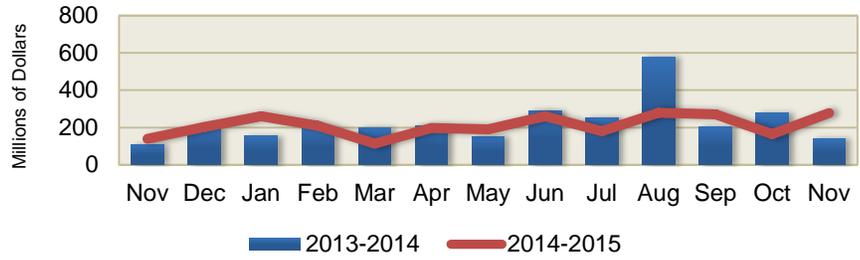


FIGURE 17

Valuation of Industrial Building Permits

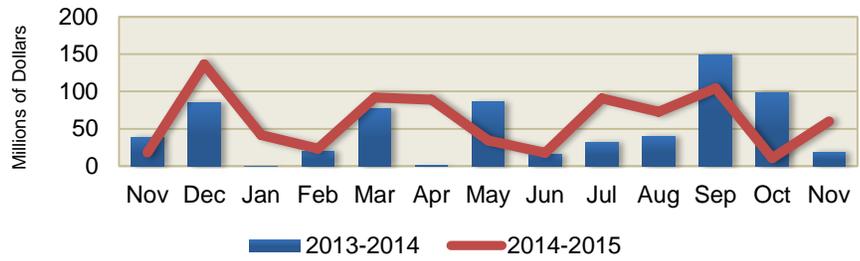


FIGURE 18

Valuation of Other Building Permits

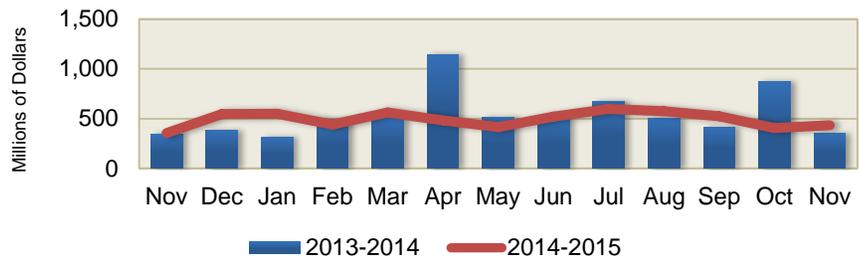


FIGURE 19

Comparative Building Permits (Residential)

Southern California Association of Governments' Counties (Units)
2014-2015

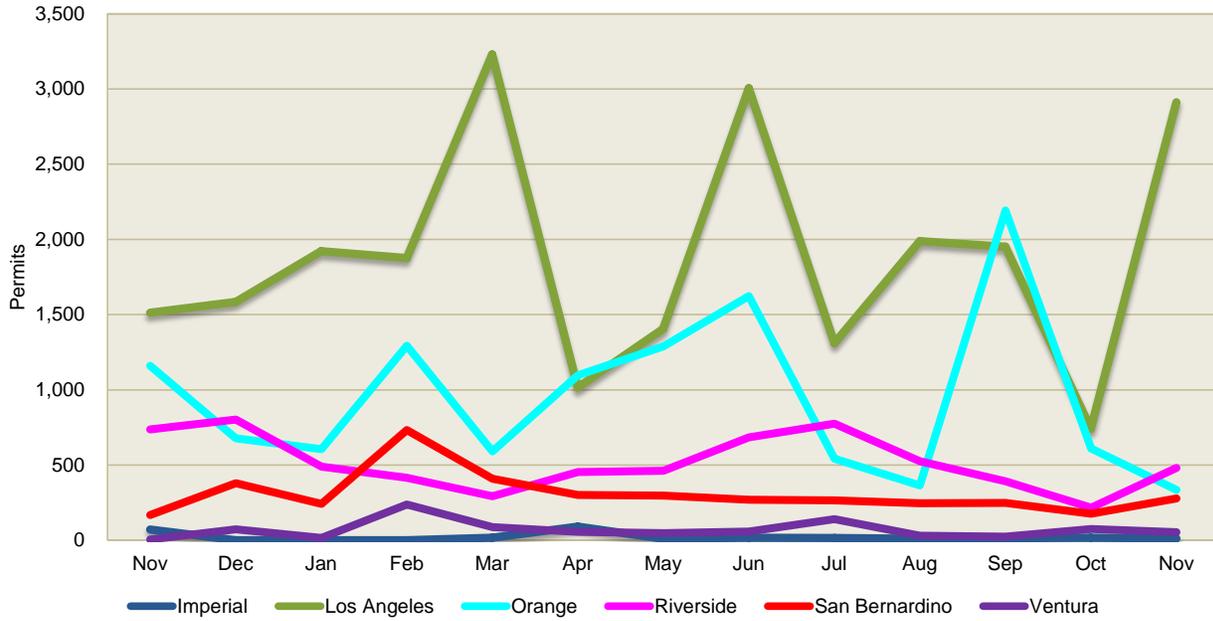


FIGURE 20

Comparative Building Permits (Total valuation)

Southern California Association of Governments' Counties (Millions of Dollars)
2014-2015

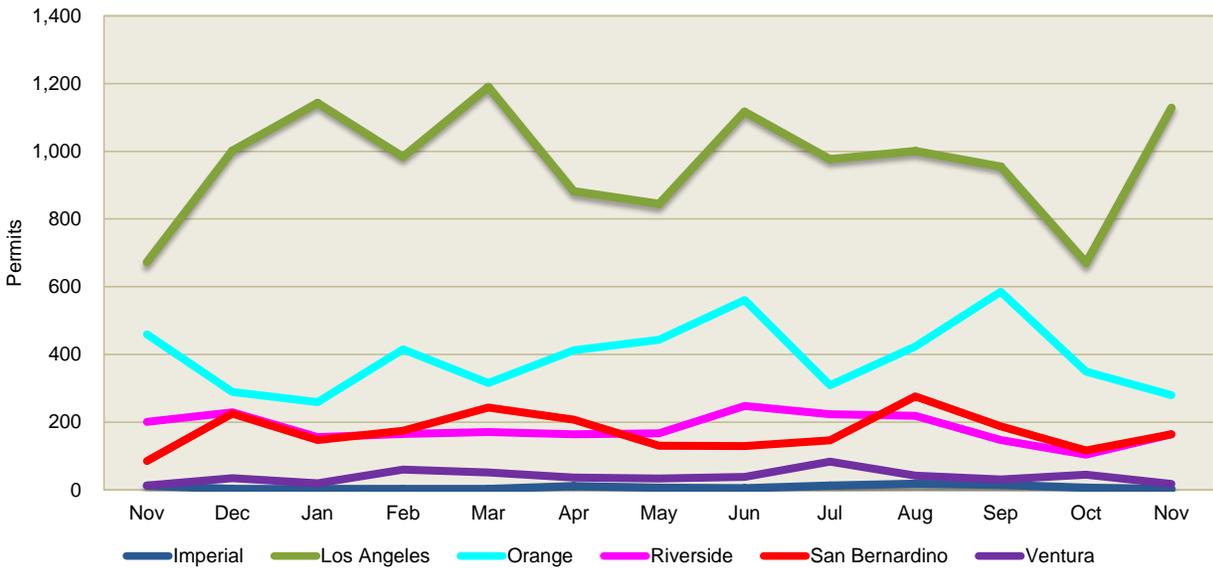


FIGURE 21

Comparative Building Permits (Residential valuation)

Southern California Association of Governments' Counties (Millions of Dollars)
2014-2015

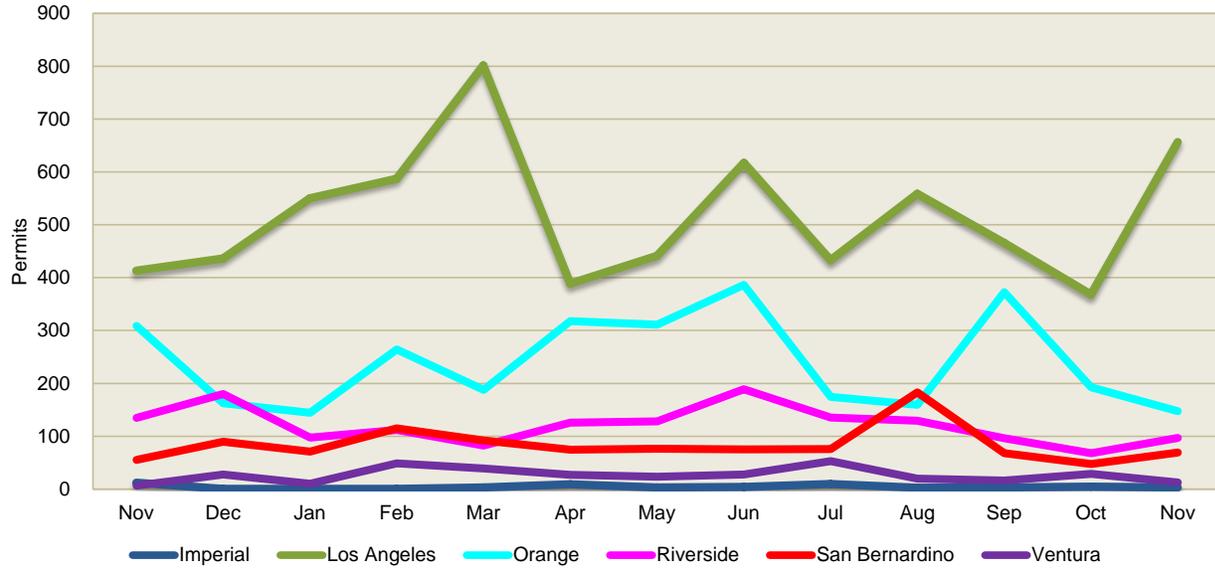


FIGURE 22

Comparative Building Permits (Non-Residential valuation)

Southern California Association of Governments' Counties (Millions of Dollars)
2014-2015

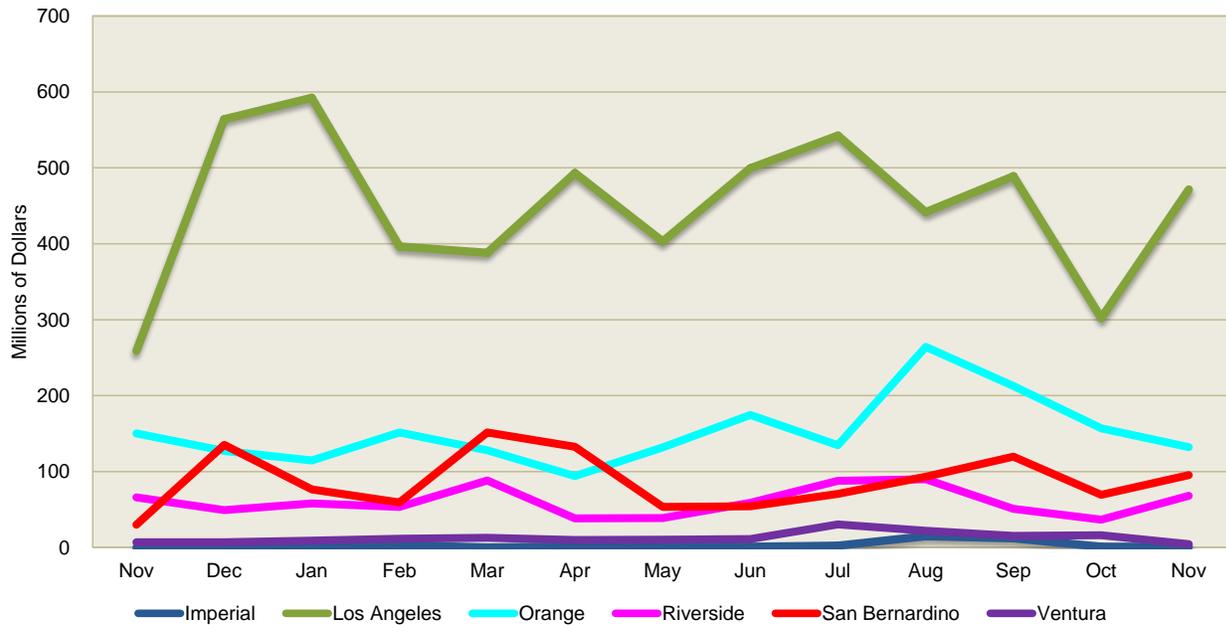


TABLE 1 WAGE AND SALARY EMPLOYMENT (THOUSAND JOBS) in SCAG REGION

COUNTY/MSA	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	% of Region Total Latest Month
IMPERIAL														
2013-2014	65.1	66.6	65.6	67.0	65.9	65.6	67.0	64.1	58.3	59.3	61.4	64.1	66.6	0.9%
2014-2015	66.6	68.5	66.7	66.7	65.1	63.9	66.6	66.8	61.9	61.9	63.1	65.8	67.9	0.9%
LOS ANGELES														
2013-2014	4,235.0	4,244.7	4,166.7	4,182.4	4,201.7	4,214.7	4,223.3	4,219.3	4,180.9	4,217.8	4,243.9	4,285.0	4,318.0	57.0%
2014-2015	4,318.0	4,326.2	4,257.7	4,286.4	4,314.7	4,320.9	4,323.9	4,321.7	4,286.8	4,289.3	4,332.6	4,369.2	4,391.2	56.7%
ORANGE														
2013-2014	1,488.5	1,490.2	1,463.0	1,475.5	1,481.3	1,488.6	1,501.1	1,497.7	1,489.4	1,495.0	1,502.9	1,521.4	1,534.0	20.3%
2014-2015	1,534.0	1,534.5	1,512.1	1,526.7	1,535.6	1,539.4	1,545.5	1,551.0	1,541.4	1,544.4	1,548.4	1,561.6	1,573.0	20.3%
RIVERSIDE														
2013-2014	617.3	618.4	610.1	613.0	617.2	620.0	622.1	621.8	613.3	619.0	625.1	632.6	639.9	8.5%
2014-2015	639.9	642.1	635.7	639.9	643.4	644.1	644.6	645.0	638.7	640.2	642.8	653.2	662.1	8.6%
SAN BERNARDINO														
2013-2014	670.2	671.5	662.5	665.6	670.1	673.2	675.4	675.2	665.9	672.1	678.8	686.9	694.8	9.2%
2014-2015	694.8	697.2	690.3	694.9	698.7	699.3	700.0	700.3	693.6	695.1	698.0	709.3	718.9	9.3%
VENTURA														
2013-2014	321.6	320.6	314.4	318.1	322.0	323.9	323.8	321.4	315.1	315.4	315.4	318.3	317.6	4.2%
2014-2015	317.6	317.9	314.4	319.9	323.9	325.0	325.8	324.5	318.2	317.7	320.7	328.1	329.0	4.2%
SCAG REGION														
2013-2014	7,397.7	7,412.0	7,282.3	7,321.6	7,358.2	7,385.9	7,412.7	7,399.5	7,322.9	7,378.6	7,427.5	7,508.3	7,570.9	100.0%
2014-2015	7,570.9	7,586.4	7,476.9	7,534.5	7,581.4	7,592.6	7,606.4	7,609.3	7,540.6	7,548.6	7,605.6	7,687.2	7,742.1	100.0%
(12MMA)*	7,398.4	7,412.9	7,429.1	7,446.9	7,465.5	7,482.7	7,498.8	7,516.3	7,534.5	7,548.6	7,563.5	7,578.4	7,592.6	

* 12 Month Moving Average (12MMA for November 2015)=Average of November 2014 through November 2015

Prepared by Research and Analysis Department

Southern California Association of Governments (SCAG)

Source: California Employment Development Department

TABLE 2 CHANGE IN EMPLOYMENT FROM PREVIOUS MONTH (THOUSAND JOBS)

COUNTY/MSA	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
IMPERIAL													
2013-2014	3.4	1.5	-1.0	1.4	-1.1	-0.3	1.4	-2.9	-5.8	1.0	2.1	2.7	2.5
2014-2015	2.5	1.9	-1.8	0.0	-1.6	-1.2	2.7	0.2	-4.9	0.0	1.2	2.7	2.1
LOS ANGELES													
2013-2014	42.7	9.7	-78.0	15.7	19.3	13.0	8.6	-4.0	-38.4	36.9	26.1	41.1	33.0
2014-2015	33.0	8.2	-68.5	28.7	28.3	6.2	3.0	-2.2	-34.9	2.5	43.3	36.6	22.0
ORANGE													
2013-2014	13.8	1.7	-27.2	12.5	5.8	7.3	12.5	-3.4	-8.3	5.6	7.9	18.5	12.6
2014-2015	12.6	0.5	-22.4	14.6	8.9	3.8	6.1	5.5	-9.6	3.0	4.0	13.2	11.4
RIVERSIDE													
2013-2014	10.4	1.1	-8.3	2.9	4.2	2.8	2.1	-0.2	-8.5	5.7	6.1	7.5	7.3
2014-2015	7.3	2.2	-6.4	4.2	3.5	0.6	0.6	0.3	-6.2	1.4	2.6	10.4	8.9
SAN BERNARDINO													
2013-2014	11.3	1.3	-9.0	3.1	4.5	3.0	2.3	-0.3	-9.3	6.2	6.7	8.1	7.9
2014-2015	7.9	2.4	-6.9	4.6	3.8	0.7	0.6	0.4	-6.8	1.6	2.9	11.3	9.6
VENTURA													
2013-2014	2.3	-1.0	-6.2	3.7	3.9	1.9	-0.1	-2.4	-6.3	0.3	0.0	2.9	-0.7
2014-2015	-0.7	0.3	-3.5	5.5	4.0	1.1	0.8	-1.3	-6.3	-0.5	3.0	7.4	0.9
SCAG REGION													
2013-2014	83.8	14.3	-129.7	39.3	36.6	27.7	26.8	-13.2	-76.6	55.7	48.9	80.8	62.6
2014-2015	62.6	15.5	-109.5	57.6	46.9	11.2	13.8	2.9	-68.7	8.0	57.0	81.6	54.9

Prepared by Research and Analysis Department

Southern California Association of Governments (SCAG)

Source: California Employment Development Department

TABLE 3 CHANGE IN EMPLOYMENT FROM YEAR EARLIER (THOUSAND JOBS)

COUNTY/MSA	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	% Change in Latest Month
IMPERIAL														
2013-2014	3.6	1.7	3.7	4.7	4.6	5.3	5.0	1.0	0.7	2.1	2.7	2.4	1.5	2.3%
2014-2015	1.5	1.9	1.1	-0.3	-0.8	-1.7	-0.4	2.7	3.6	2.6	1.7	1.7	1.3	2.0%
LOS ANGELES														
2013-2014	120.5	112.7	118.4	103.0	103.9	107.9	104.1	96.9	78.7	93.2	93.8	92.7	83.0	2.0%
2014-2015	83.0	81.5	91.0	104.0	113.0	106.2	100.6	102.4	105.9	71.5	88.7	84.2	73.2	1.7%
ORANGE														
2013-2014	31.3	29.6	33.6	32.2	33.3	29.9	35.6	29.6	32.2	33.2	40.1	46.7	45.5	3.1%
2014-2015	45.5	44.3	49.1	51.2	54.3	50.8	44.4	53.3	52.0	49.4	45.5	40.2	39.0	2.5%
RIVERSIDE														
2013-2014	30.0	31.9	26.2	26.4	23.9	22.4	22.4	22.5	30.4	28.5	27.2	25.7	22.6	3.7%
2014-2015	22.6	23.7	25.6	26.9	26.3	24.1	22.6	23.2	25.5	21.2	17.7	20.6	22.2	3.5%
SAN BERNARDINO														
2013-2014	25.1	26.6	28.1	29.3	32.1	30.7	29.5	28.7	23.5	25.5	29.9	27.9	24.6	3.7%
2014-2015	24.6	25.7	27.8	29.3	28.5	26.2	24.5	25.1	27.6	23.0	19.2	22.4	24.1	3.5%
VENTURA														
2013-2014	6.5	6.5	6.7	4.3	5.3	5.3	5.0	5.5	6.2	5.2	3.9	-1.0	-4.0	-1.2%
2014-2015	-4.0	-2.7	0.0	1.8	1.9	1.1	2.0	3.1	3.1	2.3	5.3	9.8	11.4	3.6%
SCAG REGION														
2013-2014	217.0	209.0	216.7	199.9	203.1	201.5	201.6	184.2	171.7	187.7	197.6	194.4	173.2	2.3%
2014-2015	173.2	174.4	194.6	212.9	223.2	206.7	193.7	209.8	217.7	170.0	178.1	178.9	171.2	2.3%

Prepared by Research and Analysis Department
 Southern California Association of Governments (SCAG)
 Source: California Employment Development Department

TABLE 4 COMPARATIVE UNEMPLOYMENT RATES (PERCENT, NOT SEASONALLY ADJUSTED)

AREA	2014		2015										
	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
UNITED STATES	5.5	5.4	6.1	5.8	5.6	5.1	5.3	5.5	5.6	5.2	4.9	4.8	4.8
CALIFORNIA	7.1	6.8	7.3	6.8	6.5	6.1	6.2	6.2	6.5	6.1	5.5	5.7	5.7
SCAG REGION	7.4	7.0	7.5	7.0	6.6	6.4	6.6	6.7	7.0	6.6	5.9	5.9	5.6
IMPERIAL	22.7	22.6	22.4	21.0	21.1	22.8	22.8	22.7	26.3	25.9	23.6	23.6	20.4
LOS ANGELES	7.9	7.5	8.2	7.7	7.3	7.1	7.4	7.4	7.5	7.0	6.2	5.9	5.7
ORANGE	5.2	4.7	5.0	4.6	4.4	4.1	4.2	4.3	4.7	4.5	4.0	4.3	4.2
RIVERSIDE	7.7	7.1	7.4	6.9	6.6	6.2	6.4	6.6	7.3	7.0	6.3	6.5	6.2
SAN BERNARDINO	7.4	6.8	7.2	6.7	6.4	6.1	6.3	6.5	6.9	6.5	5.8	6.1	5.9
VENTURA	6.6	6.2	6.4	5.8	5.4	5.0	5.2	5.3	5.9	5.8	5.3	5.4	5.4
SCAG-US	1.9	1.6	1.4	1.2	1.1	1.3	1.3	1.2	1.5	1.4	1.0	1.0	0.8
Difference between SCAG and U.S. Unemployment Rate													

Prepared by Research and Analysis Department
 Southern California Association of Governments (SCAG)
 Source: California Employment Development Department

TABLE 5 CURRENT EMPLOYMENT AND CHANGE IN EMPLOYMENT FROM YEAR EARLIER, BY MAJOR SECTOR *

	Jobs by Sector (Thousands)						Change in Employment from Year Earlier (Thousands)					REGION TOTAL	
	Imperial	Los Angeles	Orange	Riverside/ San	Ventura	TOTAL	Imperial	Los Angeles	Orange	Riverside/ San	Ventura	Thousands	Percent
				Bernardino						Bernardino			
Total, All Industries*	67.9	4,391.2	1,573.0	1,381.0	329.0	7,742.1	1.3	73.2	39.0	46.3	11.4	171.2	2.3%
Total Farm	11.4	4.7	2.5	13.7	24.7	57.0	-0.4	0.0	0.0	0.2	2.9	2.7	5.0%
Total Nonfarm	56.5	4,386.5	1,570.5	1,367.3	304.3	7,685.1	1.7	73.2	39.0	46.1	8.5	168.5	2.2%
Total Private	37.9	3,806.4	1,408.2	1,127.9	258.7	6,639.1	1.5	62.5	33.4	40.8	8.2	146.4	2.3%
Goods Producing	3.4	492.7	258.6	182.4	44.8	981.9	0.2	-1.7	12.2	11.6	-0.6	21.7	2.3%
Natural Resources and Mining**	2.5	4.3	0.6	1.1	1.2	9.7	0.3	-0.4	-0.1	-0.2	-0.1	-0.5	-4.9%
Construction	N/A	130.6	93.5	85.5	14.1	323.7	N/A	6.2	8.2	6.9	0.3	21.6	7.2%
Manufacturing	0.9	357.8	164.5	95.8	29.5	648.5	-0.1	-7.5	4.1	4.9	-0.8	0.6	0.1%
Durable Goods	0.5	198.6	121.1	63.6	17.9	401.7	0.0	-4.5	3.7	2.4	-0.6	1.0	0.2%
Nondurable Goods	0.4	159.2	43.4	32.2	11.6	246.8	-0.1	-3.0	0.4	2.5	-0.2	-0.4	-0.2%
Service Providing	53.1	3,893.8	1,311.9	1,184.9	259.5	6,703.2	1.5	74.9	26.8	34.5	9.1	146.8	2.2%
Trade, Transportation and Utilities	14.8	837.4	269.6	341.0	60.4	1,523.2	0.3	10.1	3.8	9.8	0.4	24.4	1.6%
Wholesale Trade	1.8	233.1	84.3	64.0	13.2	396.4	0.0	5.7	1.7	3.4	0.2	11.0	2.9%
Retail Trade	10.6	437.3	156.9	179.1	40.6	824.5	0.1	3.6	1.0	3.4	-0.1	8.0	1.0%
Transportation, Warehousing and Utilities	2.4	167.0	28.4	97.9	6.6	302.3	0.2	0.8	1.1	3.0	0.3	5.4	1.8%
Transportation and Warehousing	N/A	154.5	25.1	92.4	5.5	277.5	N/A	0.6	1.2	3.0	0.3	5.1	1.9%
Air Transportation	N/A	20.7	N/A	N/A	N/A	20.7	N/A	0.6	N/A	N/A	N/A	0.6	3.0%
Truck Transportation	N/A	29.0	N/A	26.2	N/A	55.2	N/A	0.5	N/A	0.5	N/A	1.0	1.8%
Warehousing and Storage	N/A	15.6	5.0	39.1	N/A	59.7	N/A	0.5	0.0	1.9	N/A	2.4	4.2%
Information	0.3	194.1	23.7	11.1	5.7	234.9	0.0	-7.3	-0.2	0.0	0.2	-7.3	-3.0%
Motion Picture and Sound Recording	N/A	117.4	N/A	N/A	N/A	117.4	N/A	-6.6	N/A	N/A	N/A	-6.6	-5.3%
Telecommunications	N/A	24.8	8.1	5.5	N/A	38.4	N/A	-0.4	0.0	0.0	N/A	-0.4	-1.0%
Financial Activities	1.4	210.3	114.8	45.0	18.8	390.3	0.0	-0.3	-1.1	1.8	0.3	0.7	0.2%
Finance and Insurance	N/A	131.4	76.0	27.8	14.0	249.2	N/A	-2.3	-1.4	0.9	0.1	-2.7	-1.1%
Real Estate and Rental and Leasing	N/A	78.9	38.8	17.2	4.8	139.7	N/A	2.0	0.3	0.9	0.2	3.4	2.5%
Professional and Business Services	2.6	633.0	286.1	152.8	39.5	1,114.0	0.1	15.9	3.1	8.4	4.1	31.6	2.9%
Professional, Scientific and Technical Services	N/A	293.0	130.7	44.0	18.9	486.6	N/A	7.6	5.6	2.5	3.1	18.8	4.0%
Management of Companies and Enterprises	N/A	61.7	29.5	9.4	1.9	102.5	N/A	1.2	0.6	0.2	0.1	2.1	2.1%
Administrative and Support and Waste Services	N/A	278.3	125.9	99.4	18.7	522.3	N/A	7.1	-3.1	5.7	0.9	10.6	2.1%
Employment Services	N/A	119.9	61.3	44.0	7.9	233.1	N/A	8.0	1.5	0.6	0.4	10.5	4.7%
Educational and Health Services	10.3	789.7	201.6	197.8	41.8	1,241.2	0.8	22.4	5.1	1.6	1.3	31.2	2.6%
Educational Services	N/A	129.3	29.2	20.6	N/A	179.1	N/A	-2.4	1.6	0.9	N/A	0.1	0.1%
Health Care and Social Assistance	N/A	660.4	172.4	177.2	N/A	1,010.0	N/A	24.8	3.5	0.7	N/A	29.0	3.0%
Leisure and Hospitality	4.2	491.4	202.8	154.5	37.8	890.7	0.0	19.7	8.2	7.5	2.5	37.9	4.4%
Other Services	0.9	157.8	51.0	43.3	9.9	262.9	0.1	3.7	2.3	0.1	0.0	6.2	2.4%
Government	18.6	580.1	162.3	239.4	45.6	1,046.0	0.2	10.7	5.6	5.3	0.3	22.1	2.2%
Federal Government	2.2	48.0	11.3	20.7	7.0	89.2	-0.1	0.9	0.3	0.5	0.0	1.6	1.8%
State and Local Government	16.4	532.1	151.0	218.7	38.6	956.8	0.3	9.8	5.3	4.8	0.3	20.5	2.2%
State Government	2.7	89.3	31.5	29.4	3.0	155.9	0.1	1.0	0.7	0.4	0.1	2.3	1.5%
Local Government	13.7	442.8	119.5	189.3	35.6	800.9	0.2	8.8	4.6	4.4	0.2	18.2	2.3%
Local Government Education	N/A	230.0	78.9	114.6	20.3	443.8	N/A	4.5	4.2	3.6	0.1	12.4	2.9%

Note: (N/A) Sector not shown separately in original EDD data for this county.

* Excludes self employed, unpaid family members, household domestic workers, and workers on strike.

** For Imperial County, includes construction.

Prepared by Research and Analysis Department
 Southern California Association of Governments (SCAG)
 Source: California Employment Development Department

TABLE 6 COMPARATIVE UNEMPLOYMENT FOR SCAG REGION (Thousands of People, Rate in %, NOT SEASONALLY ADJUSTED)

AREA		2014		2015										
		Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
UNITED STATES	Civilian Labor Force	156,297.0	155,521.0	156,050.0	156,213.0	156,318.0	156,554.0	157,719.0	158,283.0	158,527.0	157,390.0	156,607.0	157,313.0	157,340.0
	Civilian Employment	147,666.0	147,190.0	146,552.0	147,118.0	147,635.0	148,587.0	149,349.0	149,645.0	149,722.0	149,228.0	148,980.0	149,716.0	149,766.0
	Civilian Unemployment	8,630.0	8,331.0	9,498.0	9,095.0	8,682.0	7,966.0	8,370.0	8,638.0	8,805.0	8,162.0	7,628.0	7,597.0	7,573.0
	Civilian Unemployment Rate	5.5%	5.4%	6.1%	5.8%	5.6%	5.1%	5.3%	5.5%	5.6%	5.2%	4.9%	4.8%	4.8%
CALIFORNIA	Civilian Labor Force	18,941.1	18,855.7	18,890.4	18,909.7	18,877.6	18,883.1	19,060.5	19,055.9	19,132.6	19,071.2	18,945.5	19,017.5	18,988.1
	Civilian Employment	17,599.9	17,578.2	17,517.9	17,617.4	17,653.8	17,730.4	17,879.7	17,876.7	17,889.2	17,904.3	17,911.0	17,937.9	17,913.3
	Civilian Unemployment	1,341.2	1,277.5	1,372.5	1,292.4	1,223.7	1,152.7	1,180.8	1,179.2	1,243.4	1,166.9	1,034.4	1,079.6	1,074.8
	Civilian Unemployment Rate	7.1%	6.8%	7.3%	6.8%	6.5%	6.1%	6.2%	6.2%	6.5%	6.1%	5.5%	5.7%	5.7%
SCAG REGION	Civilian Labor Force	9,112.0	9,076.9	9,082.4	9,106.7	9,085.5	9,076.6	9,143.6	9,123.0	9,155.8	9,095.8	9,040.3	9,063.7	9,068.0
	Civilian Employment	8,436.3	8,443.7	8,403.7	8,467.0	8,482.3	8,492.8	8,535.9	8,513.2	8,513.2	8,493.0	8,507.6	8,531.8	8,556.9
	Civilian Unemployment	675.8	633.2	678.7	639.7	603.2	583.9	607.4	609.7	642.5	602.9	532.5	531.9	511.3
	Civilian Unemployment Rate	7.4%	7.0%	7.5%	7.0%	6.6%	6.4%	6.6%	6.7%	7.0%	6.6%	5.9%	5.9%	5.6%
SCAG share (%)	Civilian Labor Force	48.1%	48.1%	48.1%	48.2%	48.1%	48.1%	48.0%	47.9%	47.9%	47.7%	47.7%	47.7%	47.8%
	Civilian Employment	47.9%	48.0%	48.0%	48.1%	48.0%	47.9%	47.7%	47.6%	47.4%	47.5%	47.5%	47.6%	47.8%
	Civilian Unemployment	50.4%	49.6%	49.4%	49.5%	49.3%	50.7%	51.4%	51.7%	51.7%	51.7%	51.5%	49.3%	47.6%
IMPERIAL	Civilian Labor Force	80.6	82.3	80.7	79.8	78.4	79.4	80.8	80.8	81.1	81.3	79.7	81.5	79.9
	Civilian Employment	62.3	63.7	62.6	63.0	61.9	61.3	62.4	62.5	59.7	60.2	60.8	62.3	63.7
	Civilian Unemployment	18.3	18.6	18.1	16.8	16.5	18.1	18.4	18.3	21.3	21.1	18.8	19.2	16.3
LOS ANGELES	Civilian Labor Force	5,069.9	5,047.0	5,049.1	5,066.7	5,046.5	5,048.5	5,091.1	5,070.9	5,087.8	5,039.4	5,005.6	4,990.0	4,989.6
	Civilian Employment	4,669.9	4,667.4	4,636.4	4,674.3	4,678.6	4,688.7	4,715.6	4,697.6	4,705.5	4,685.3	4,695.1	4,693.3	4,705.0
	Civilian Unemployment	400.0	379.6	412.6	392.4	367.9	359.8	375.4	373.3	382.3	354.2	310.5	296.7	284.6
ORANGE	Civilian Labor Force	1,592.6	1,585.0	1,583.7	1,588.9	1,589.9	1,586.7	1,598.0	1,599.8	1,607.7	1,603.8	1,596.1	1,604.9	1,604.7
	Civilian Employment	1,510.0	1,511.0	1,504.8	1,515.6	1,520.3	1,521.5	1,530.3	1,530.8	1,532.4	1,532.2	1,532.2	1,535.9	1,537.3
	Civilian Unemployment	82.6	74.0	79.0	73.3	69.6	65.2	67.7	69.0	75.3	71.6	63.8	69.0	67.4
RIVERSIDE	Civilian Labor Force	1,021.1	1,018.2	1,021.4	1,021.1	1,020.5	1,016.1	1,021.4	1,021.5	1,026.9	1,023.4	1,016.7	1,028.0	1,031.5
	Civilian Employment	942.7	946.4	946.0	950.5	953.5	952.9	956.0	954.4	952.1	951.7	953.0	961.2	967.2
	Civilian Unemployment	78.3	71.9	75.4	70.6	67.0	63.2	65.4	67.1	74.8	71.7	63.7	66.8	64.3
SAN BERNARDINO	Civilian Labor Force	919.1	916.7	918.6	919.0	917.6	914.9	918.7	918.5	922.6	919.5	914.0	924.8	928.6
	Civilian Employment	850.9	854.0	852.4	857.4	858.9	859.1	860.8	859.2	859.0	859.8	860.8	868.0	873.5
	Civilian Unemployment	68.2	62.7	66.2	61.6	58.7	55.8	57.8	59.3	63.6	59.6	53.2	56.8	55.2
VENTURA	Civilian Labor Force	428.8	427.6	428.9	431.2	432.6	431.0	433.6	431.5	429.7	428.5	428.2	434.5	433.7
	Civilian Employment	400.5	401.2	401.5	406.2	409.1	409.3	410.8	408.6	404.5	403.8	405.7	411.1	410.2
	Civilian Unemployment	28.3	26.4	27.4	25.0	23.5	21.7	22.7	22.8	25.2	24.7	22.5	23.4	23.5

Prepared by Research and Analysis Department
 Southern California Association of Governments (SCAG)
 Source: California Employment Development Department

TABLE 7 SCAG REGION RESIDENTIAL BUILDING PERMITS (UNITS, SINGLE FAMILY)

COUNTY/MSA	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	% of Region Total Latest Month
IMPERIAL														
2013-2014	70	82	14	6	14	19	1	59	30	1	6	1	23	2.4%
2014-2015	23	3	0	1	12	14	9	16	5	10	11	17	12	1.1%
LOS ANGELES														
2013-2014	244	346	295	296	442	422	330	416	412	387	324	334	306	31.8%
2014-2015	306	322	316	245	399	318	374	481	448	383	388	329	289	26.4%
ORANGE														
2013-2014	246	357	354	280	194	237	332	375	363	297	243	302	247	25.7%
2014-2015	247	295	126	237	270	349	469	483	259	216	222	322	257	23.5%
RIVERSIDE														
2013-2014	223	444	314	287	328	340	542	826	401	261	439	210	253	26.3%
2014-2015	253	558	201	374	282	432	433	634	365	465	371	207	274	25.1%
SAN BERNARDINO														
2013-2014	125	185	116	67	140	94	164	214	216	125	119	133	127	13.2%
2014-2015	127	285	139	145	285	257	252	265	255	196	246	128	249	22.8%
VENTURA														
2013-2014	23	16	10	27	22	41	52	59	21	13	17	75	6	0.6%
2014-2015	6	49	16	38	71	35	48	48	76	31	25	45	12	1.1%
REGION														
2013-2014	931	1,430	1,103	963	1,140	1,153	1,421	1,949	1,443	1,084	1,148	1,055	962	100.0%
2014-2015	962	1,512	798	1,040	1,319	1,405	1,585	1,927	1,408	1,301	1,263	1,048	1,093	100.0%

Prepared by Research and Analysis Department
 Southern California Association of Governments (SCAG)
 Source: Construction Industry Research Board

TABLE 8 SCAG REGION RESIDENTIAL BUILDING PERMITS (UNITS, MULTI FAMILY)

COUNTY/MSA	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	% of Region Total Latest Month
IMPERIAL														
2013-2014	0	0	0	0	0	0	0	0	11	0	0	0	48	1.8%
2014-2015	48	0	0	0	4	76	0	0	10	0	2	0	0	0.0%
LOS ANGELES														
2013-2014	1439	1681	1030	1593	1117	2517	1083	564	1043	975	634	1569	1207	44.8%
2014-2015	1207	1263	1605	1631	2830	697	1032	2523	863	1605	1564	413	2623	88.0%
ORANGE														
2013-2014	174	1463	108	585	358	1028	541	320	158	291	153	1443	913	33.9%
2014-2015	913	382	479	1056	321	747	819	1140	284	149	1970	288	78	2.6%
RIVERSIDE														
2013-2014	149	203	0	132	117	218	41	109	63	127	150	219	484	18.0%
2014-2015	484	244	288	41	10	21	30	50	409	60	21	10	208	7.0%
SAN BERNARDINO														
2013-2014	27	4	24	2	8	383	19	317	6	63	12	333	42	1.6%
2014-2015	42	94	103	587	124	44	45	4	11	51	2	48	29	1.0%
VENTURA														
2013-2014	4	182	57	20	0	12	2	237	194	13	0	8	0	0.0%
2014-2015	0	24	0	199	17	21	0	11	64	0	0	31	41	1.4%
REGION														
2013-2014	1,793	3,533	1,219	2,332	1,600	4,158	1,686	1,547	1,475	1,469	949	3,572	2,694	100.0%
2014-2015	2,694	2,007	2,475	3,514	3,306	1,606	1,926	3,728	1,641	1,865	3,559	790	2,979	100.0%

Prepared by Research and Analysis Department
 Southern California Association of Governments (SCAG)
 Source: Construction Industry Research Board

TABLE 9 SCAG REGION BUILDING PERMITS (VALUATION / MILLION DOLLARS, TOTAL)

COUNTY/MSA	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	% of Region Total Latest Month
IMPERIAL														
2013-2014	20.8	16.7	7.2	2.0	2.5	6.9	1.8	17.0	12.0	1.8	2.9	11.8	12.4	0.9%
2014-2015	12.4	3.3	2.4	3.7	3.9	11.2	5.9	5.0	12.2	17.7	15.0	6.0	4.2	0.2%
LOS ANGELES														
2013-2014	640.0	846.3	630.1	951.0	1,092.6	1,786.2	804.1	919.6	1,103.5	1,238.1	687.2	1,324.7	672.3	46.6%
2014-2015	672.3	1,000.9	1,142.6	983.7	1,190.0	881.9	844.6	1,116.9	976.1	1,000.2	954.8	670.6	1,128.4	64.2%
ORANGE														
2013-2014	270.4	536.8	260.0	288.2	249.6	391.7	397.2	426.0	399.9	313.4	349.1	546.9	459.1	31.8%
2014-2015	459.1	289.2	258.8	415.5	315.9	411.9	443.0	560.9	309.3	423.9	584.9	349.3	279.7	15.9%
RIVERSIDE														
2013-2014	130.5	229.2	138.7	177.9	163.0	156.8	281.0	265.0	179.8	174.2	196.5	154.6	200.6	13.9%
2014-2015	200.6	229.4	155.8	165.4	170.5	164.0	167.1	247.8	223.1	219.2	147.0	104.6	164.6	9.4%
SAN BERNARDINO														
2013-2014	109.4	109.6	59.2	50.6	93.4	77.0	162.3	157.6	154.1	96.6	183.8	154.6	85.1	5.9%
2014-2015	85.1	225.0	147.3	174.4	243.3	207.3	130.1	129.1	146.6	275.9	187.9	116.8	164.7	9.4%
VENTURA														
2013-2014	29.0	50.7	35.8	25.5	19.5	28.9	41.8	80.3	60.2	30.4	21.3	52.5	13.3	0.9%
2014-2015	13.3	34.9	19.3	60.1	51.7	36.9	33.6	38.8	83.1	41.8	31.0	44.9	17.3	1.0%
REGION														
2013-2014	1,200.2	1,789.3	1,131.0	1,495.2	1,620.6	2,447.4	1,688.2	1,865.6	1,909.5	1,854.4	1,440.9	2,245.1	1,442.7	100.0%
2014-2015	1,442.7	1,782.7	1,726.3	1,802.8	1,975.3	1,713.2	1,624.3	2,098.4	1,750.4	1,978.7	1,920.7	1,292.3	1,758.8	100.0%

Prepared by Research and Analysis Department
 Southern California Association of Governments (SCAG)
 Source: Construction Industry Research Board

TABLE 10 SCAG REGION BUILDING PERMITS (VALUATION / MILLION DOLLARS, RESIDENTIAL)

COUNTY/MSA	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	% of Region Total Latest Month
IMPERIAL														
2013-2014	19.6	14.1	2.2	1.4	1.2	4.5	0.4	12.6	9.3	0.6	1.5	0.7	12.3	1.3%
2014-2015	12.3	0.9	1.1	0.4	3.1	9.3	3.0	3.9	9.7	2.7	2.9	4.7	3.1	0.3%
LOS ANGELES														
2013-2014	397.8	495.9	342.3	452.2	526.3	693.5	465.2	440.1	522.5	398.4	334.3	502.2	413.0	44.4%
2014-2015	413.0	436.5	550.2	587.2	801.6	388.8	441.4	617.3	433.4	558.5	465.8	368.2	656.5	66.6%
ORANGE														
2013-2014	146.1	387.6	159.6	177.5	124.5	206.5	240.6	212.3	202.4	163.5	156.9	306.5	308.8	33.2%
2014-2015	308.8	162.2	144.3	263.9	187.9	317.8	311.3	386.3	174.7	159.5	372.2	192.4	147.4	15.0%
RIVERSIDE														
2013-2014	83.6	135.4	91.8	109.4	107.8	107.2	152.1	208.2	129.6	120.0	130.8	77.0	134.7	14.5%
2014-2015	134.7	180.2	97.7	112.1	82.2	125.7	128.2	189.1	135.5	129.1	96.3	67.7	96.7	9.8%
SAN BERNARDINO														
2013-2014	43.8	63.2	39.5	21.0	52.0	54.5	49.1	103.7	56.6	39.8	34.8	70.2	55.1	5.9%
2014-2015	55.1	89.7	70.7	115.0	92.0	74.8	76.5	75.0	76.0	182.7	68.1	47.4	69.3	7.0%
VENTURA														
2013-2014	15.8	37.5	26.9	20.5	12.9	24.1	25.2	69.6	36.4	15.3	11.0	40.1	6.5	0.7%
2014-2015	6.5	27.9	10.3	48.5	38.9	26.9	23.4	27.8	52.9	19.9	16.0	28.9	12.7	1.3%
REGION														
2013-2014	706.7	1,133.5	662.4	781.9	824.7	1,090.4	932.7	1,046.5	956.8	737.5	669.3	996.6	930.4	100.0%
2014-2015	930.4	897.3	874.2	1,127.1	1,205.6	943.2	983.8	1,299.3	882.1	1,052.5	1,021.2	709.4	985.8	100.0%

Prepared by Research and Analysis Department
 Southern California Association of Governments (SCAG)
 Source: Construction Industry Research Board

TABLE 11 SCAG REGION BUILDING PERMITS (VALUATION / MILLION DOLLARS, COMMERCIAL)

COUNTY/MSA	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	% of Region Total Latest Month
IMPERIAL														
2013-2014	0.0	0.1	2.8	0.0	0.1	1.4	0.0	1.2	0.5	0.0	0.0	0.0	0.0	0.0%
2014-2015	0.0	0.0	0.0	0.5	0.0	0.9	0.0	0.3	0.6	2.0	9.8	0.2	0.7	0.2%
LOS ANGELES														
2013-2014	53.1	153.9	121.9	160.5	183.0	129.6	73.4	173.9	90.6	540.1	102.1	184.9	40.6	29.2%
2014-2015	40.6	161.2	193.7	113.6	48.7	140.8	141.0	187.9	129.5	125.0	145.9	60.4	253.8	91.3%
ORANGE														
2013-2014	26.1	7.0	3.0	21.3	7.6	73.0	38.4	97.9	70.0	23.3	85.2	46.3	78.1	56.2%
2014-2015	78.1	29.6	20.5	88.5	3.1	6.2	13.0	28.2	25.1	85.2	102.2	58.8	2.8	1.0%
RIVERSIDE														
2013-2014	8.5	17.7	22.2	15.7	4.7	4.9	10.8	1.3	4.0	11.4	8.6	2.5	16.9	12.2%
2014-2015	16.9	6.1	21.6	2.8	10.4	17.7	13.6	14.1	7.0	41.6	3.7	5.5	5.9	2.1%
SAN BERNARDINO														
2013-2014	19.4	1.8	1.7	3.0	3.6	0.7	28.8	17.2	77.2	3.7	10.0	43.2	1.9	1.4%
2014-2015	1.9	5.3	23.8	3.7	50.1	30.7	21.6	30.1	2.2	10.0	9.5	38.8	14.4	5.2%
VENTURA														
2013-2014	0.6	10.5	2.6	1.1	0.0	0.0	0.3	0.0	9.2	0.1	0.0	0.5	1.4	1.0%
2014-2015	1.4	1.0	1.3	0.8	2.0	1.2	1.1	0.5	16.2	15.1	0.0	1.3	0.4	0.1%
REGION														
2013-2014	107.7	191.0	154.0	201.6	199.0	209.6	151.7	291.5	251.5	578.6	205.8	277.4	138.9	100.0%
2014-2015	138.9	203.2	260.8	210.0	114.2	197.5	190.3	261.0	180.6	278.9	271.1	164.9	277.9	100.0%

Prepared by Research and Analysis Department
 Southern California Association of Governments (SCAG)
 Source: Construction Industry Research Board

TABLE 12 SCAG REGION BUILDING PERMITS (VALUATION / MILLION DOLLARS, INDUSTRIAL)

COUNTY/MSA	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	% of Region Total Latest Month
IMPERIAL														
2013-2014	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0%
2014-2015	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0%
LOS ANGELES														
2013-2014	9.8	4.0	0.0	15.2	12.2	0.5	4.7	0.8	19.4	0.4	8.3	20.5	11.7	64.0%
2014-2015	11.7	28.3	2.1	0.0	34.1	5.2	1.9	13.1	6.8	14.4	4.8	0.0	3.0	0.0%
ORANGE														
2013-2014	0.5	25.7	0.0	0.1	53.5	0.6	0.3	0.0	12.2	16.3	15.0	56.9	0.1	0.6%
2014-2015	0.1	0.0	18.5	0.2	28.8	7.9	26.8	0.0	0.0	0.8	0.0	0.0	3.8	0.0%
RIVERSIDE														
2013-2014	6.4	21.9	0.0	4.9	6.8	0.0	80.0	9.5	0.0	0.0	15.7	0.0	5.4	29.3%
2014-2015	5.4	9.4	0.1	0.0	0.4	0.2	5.9	0.0	42.5	0.0	19.6	0.0	12.7	0.0%
SAN BERNARDINO														
2013-2014	21.6	33.1	0.1	0.0	4.4	0.0	1.0	0.7	0.0	18.8	109.5	11.0	1.1	6.1%
2014-2015	1.1	98.7	20.7	23.1	28.7	76.0	0.0	5.0	41.6	55.8	76.9	10.8	40.7	0.0%
VENTURA														
2013-2014	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	0.0	3.7	0.0	0.0	0.0	0.0%
2014-2015	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0%
REGION														
2013-2014	38.3	84.7	0.1	20.2	76.8	1.1	85.9	16.1	31.6	39.1	148.5	98.4	18.3	100.0%
2014-2015	18.3	136.4	41.5	23.3	92.1	89.3	34.6	18.1	90.9	73.0	104.3	10.8	60.2	0.0%

Prepared by Research and Analysis Department
 Southern California Association of Governments (SCAG)
 Source: Construction Industry Research Board

TABLE 13 SCAG REGION BUILDING PERMITS (VALUATION / MILLION DOLLARS, OTHERS)

COUNTY/MSA	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	% of Region Total Latest Month
IMPERIAL														
2013-2014	1.3	2.6	2.2	0.6	1.2	1.0	1.3	3.2	2.2	1.2	1.4	1.1	0.2	0.1%
2014-2015	0.2	2.4	1.4	2.8	0.8	1.0	2.9	0.8	1.9	11.0	2.4	1.1	0.4	0.1%
LOS ANGELES														
2013-2014	179.4	192.5	165.9	323.0	371.2	962.6	260.8	304.8	471.0	299.3	242.6	617.1	207.0	58.3%
2014-2015	207.0	374.9	396.5	282.8	305.5	347.2	260.4	298.7	406.5	302.3	338.3	242.0	215.1	49.5%
ORANGE														
2013-2014	97.7	116.5	97.4	89.3	64.0	111.5	117.9	115.9	115.3	110.4	91.9	137.2	72.1	20.3%
2014-2015	72.1	97.4	75.6	62.9	96.2	80.0	91.9	146.4	109.4	178.4	110.5	98.2	125.6	28.9%
RIVERSIDE														
2013-2014	32.0	54.2	24.8	48.0	43.7	44.7	38.0	46.0	46.2	42.8	41.4	75.1	43.6	12.3%
2014-2015	43.6	33.7	36.4	50.5	77.5	20.4	19.4	44.5	38.2	48.5	27.4	31.4	49.3	11.3%
SAN BERNARDINO														
2013-2014	24.5	11.6	17.9	26.6	33.3	21.8	83.4	36.1	20.3	34.3	29.5	30.3	26.9	7.6%
2014-2015	26.9	31.3	32.1	32.7	72.5	25.8	32.0	19.1	26.8	27.4	33.5	19.9	40.3	9.3%
VENTURA														
2013-2014	12.7	2.8	6.3	3.9	6.6	4.8	16.3	5.6	14.6	11.3	10.3	11.8	5.4	1.5%
2014-2015	5.4	6.1	7.7	10.8	10.9	8.8	9.0	10.5	14.1	6.8	12.0	14.7	4.2	1.0%
REGION														
2013-2014	347.6	380.1	314.5	491.5	520.0	1,146.3	517.9	511.5	669.6	499.3	417.2	872.6	355.2	100.0%
2014-2015	355.2	545.8	549.7	442.4	563.3	483.3	415.5	520.0	596.8	574.3	524.0	407.2	434.9	100.0%

Prepared by Research and Analysis Department
 Southern California Association of Governments (SCAG)
 Source: Construction Industry Research Board



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Short term and Long term Demographic and Economic Statistics and Trends in the SCAG Region



John Cho, Associate Regional Planner
Simon Choi, Chief of Research and Forecasting
Frank Wen, Manager of Research and Analysis

Community, Economic & Human Development (CEHD) Committee
February 4, 2016

Regional Economic Strategy and Data Website (economy.scag.ca.gov)



The screenshot shows the homepage of the Regional Economic Strategy and Data website. The header includes the title and a search bar. A left sidebar contains a navigation menu with categories like Home, About, Economic Strategy, and Data & Resources. The main content area features a 'WAR ON POVERTY' section with a 'SUMMIT MATERIALS & DOWNLOADS' button, a 'FUTUREPORTS' section with a 'Read More' link, and an 'UPCOMING EVENTS' section with a 'View All' button. The footer includes a 'GIS & DATA SERVICES' logo.

Monthly Economic Reports

REGIONAL ECONOMIC STRATEGY AND DATA

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Monthly Reports

SCAG's Monthly Economic Reports are available for review and download in this section. Each report shows the SCAG region's economic performance over the past 12 months for a number of important indicators.

Showing 1 - 3 of 12

2013 Monthly Reports (12)

- December 2013
- November 2013
- October 2013

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2014 Monthly Reports (12)

- December 2014
- November 2014
- October 2014

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Monthly Economic Reports

DECEMBER 2015
MONTHLY ECONOMIC REPORT

Westland, Los Angeles, Orange, Riverside, San Bernardino, Inland Empire

Land Use and Environmental Planning Division
Research and Analysis Department

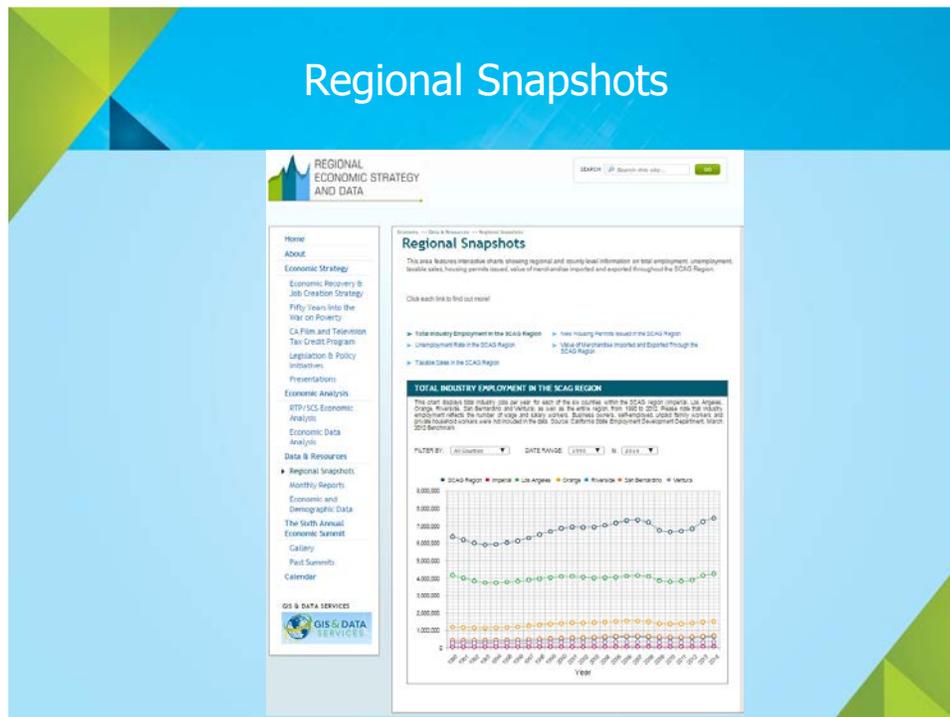
Components of Monthly Economic Reports (monthly for most recent two years)

- Employment, SCAG region, Counties
- Unemployment rate, SCAG region, Counties
- Employment by sector, SCAG region
- Building permits issued and valuation by building type, SCAG region, Counties

Summary of the December 2015 Monthly Economic Reports

- Total non-farm wage and salary employment in SCAG region increased by 171,200 (2.3%) from a year ago. Continuous strong growth since the end of Great Recession.
- Construction job rose by 21,600 (7.2%). Strongest among all sectors, finally catching up to other sectors in job growth?
- Annual increase of building permits issued in 2015 compared to 2014 is 15%. Multi family housing units account for over 73% of all residential building permits issued.

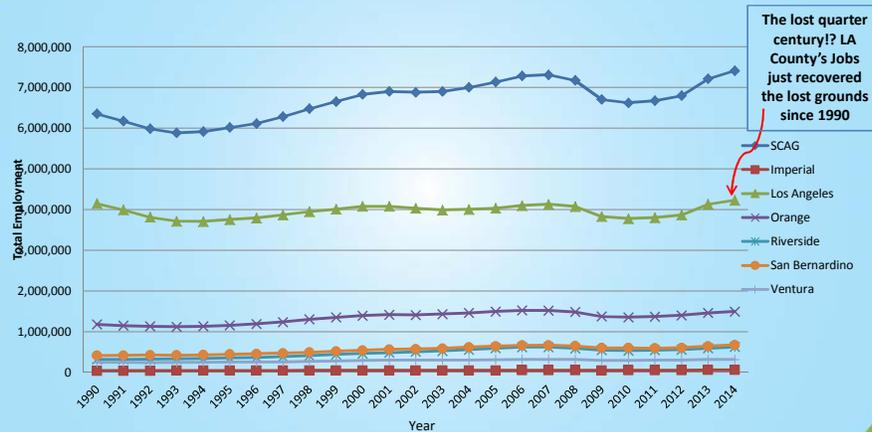
Regional Snapshots



Components of Regional Snapshot (Annual for recent 25 years)

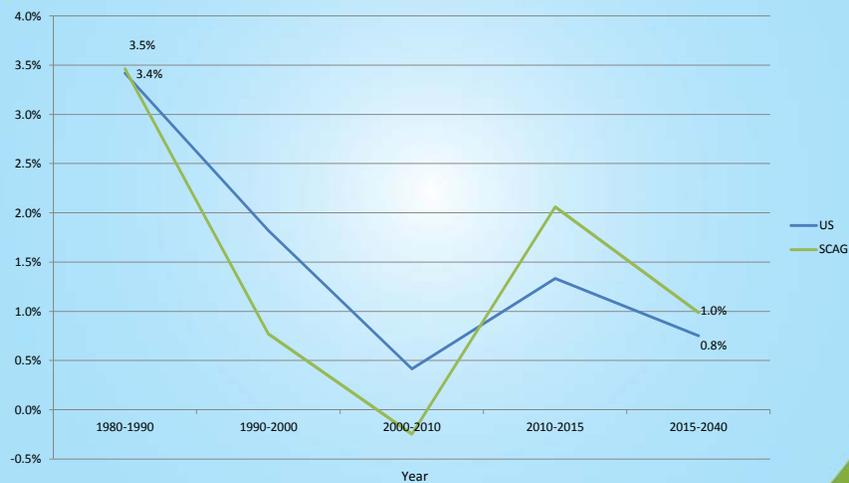
- Total employment, SCAG region, Counties
- Unemployment rate, SCAG region, Counties
- Taxable sales, SCAG region
- Building permits issued, SCAG region, Counties
- Value of exports and imports through Los Angeles Custom District

Total Wage and Salary Employment in the SCAG Region



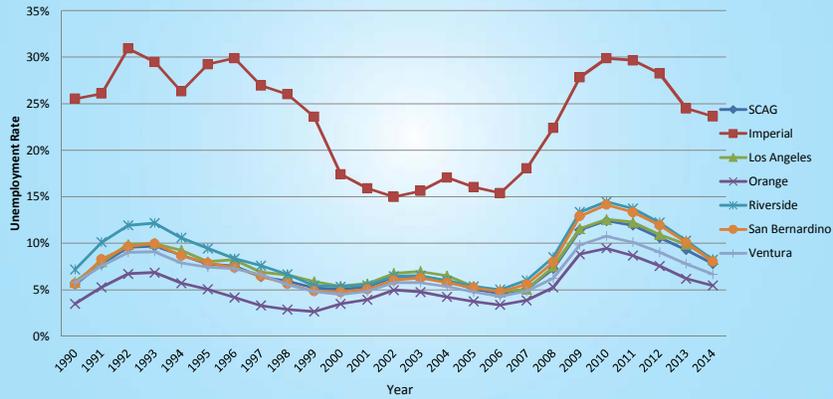
Source: California Employment Development Department

Average Annual Employment Growth Rate



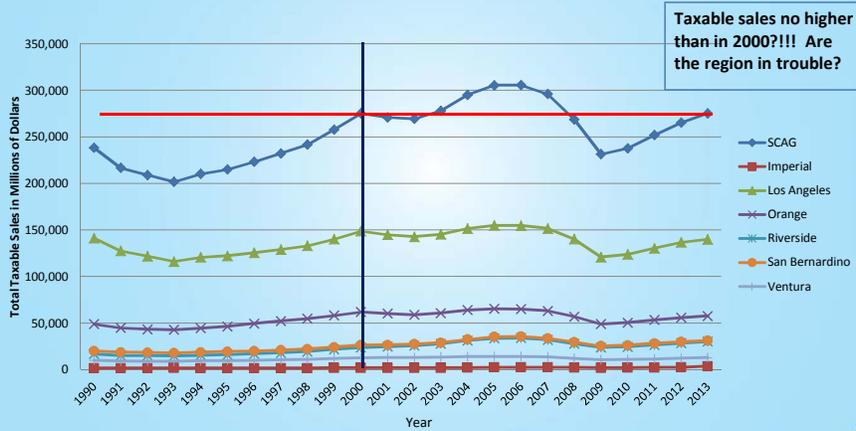
Source: U.S. Bureau of Labor Statistics, California Employment Development Department, SCAG

Unemployment Rate in the SCAG Region



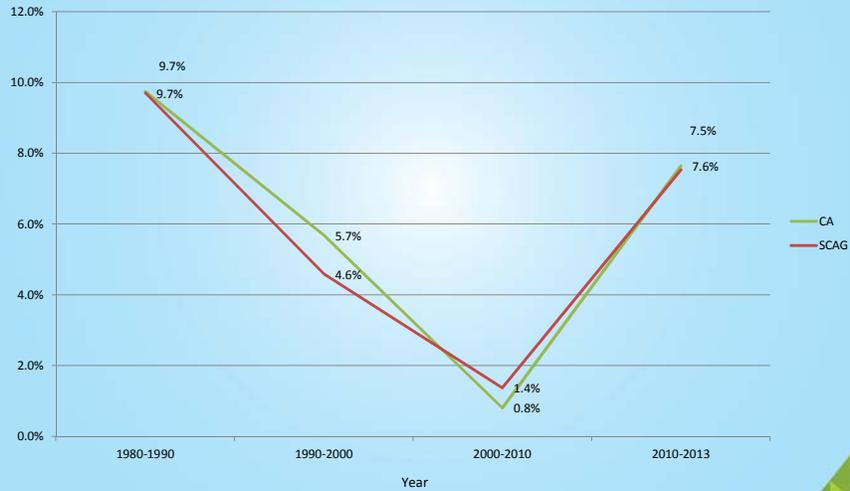
Source: California Employment Development Department

Taxable Sales in the SCAG Region (in 2013 Constant \$ value)



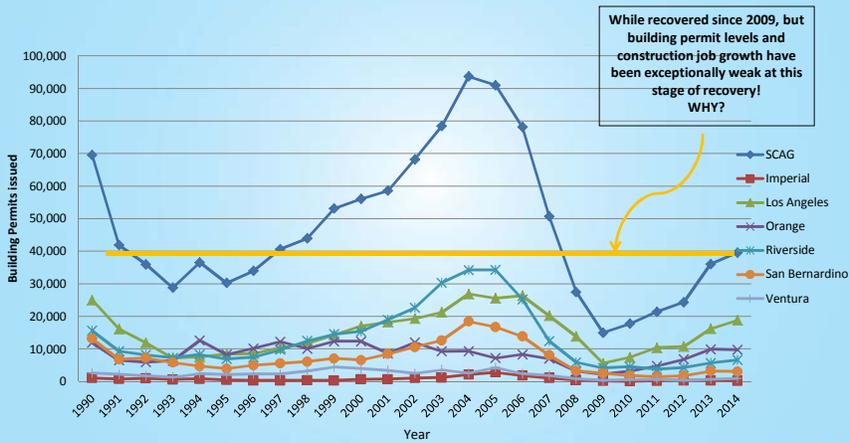
Source: California State Board of Equalization

Average Annual Taxable Sales Growth Rate



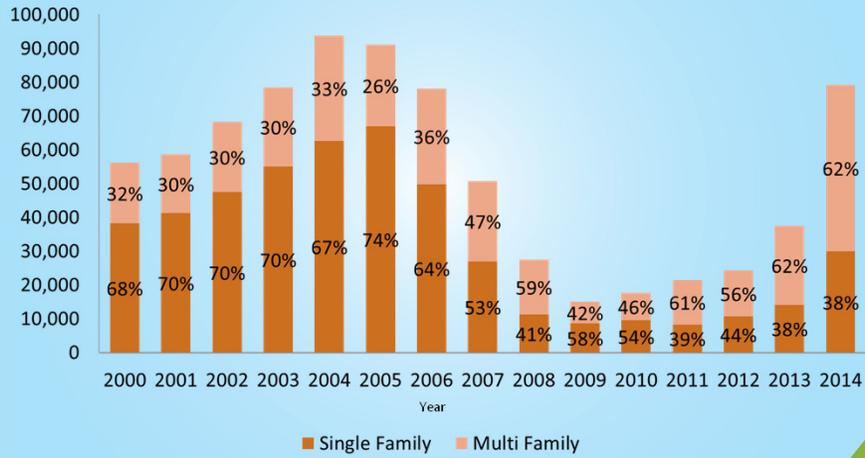
Source: California State Board of Equalization

Residential Building Permits Issued in the SCAG Region



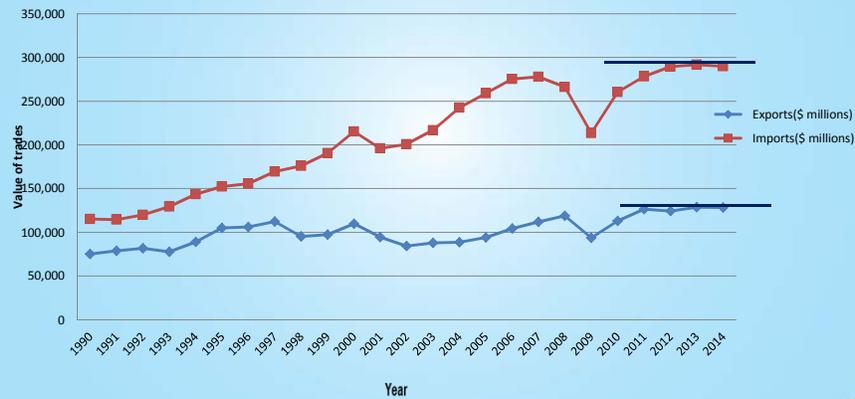
Source: Construction Industry Research Board

Residential Building Permits issued by Housing Types, SCAG Region, 2000-2014



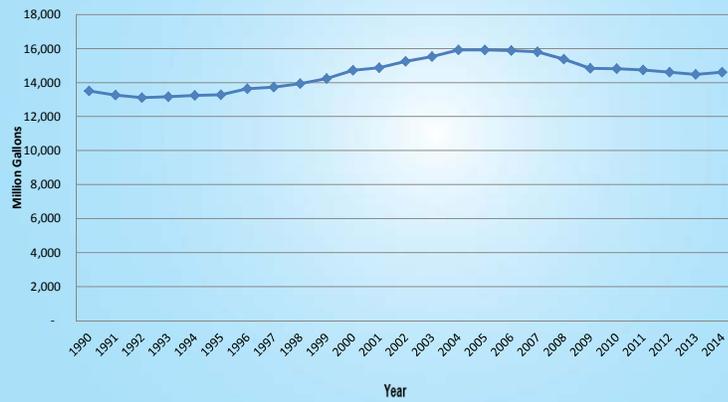
Source: Construction Industry Research Board

Value of Exports and Imports through Los Angeles Custom District (in 2014 Constant \$ value)



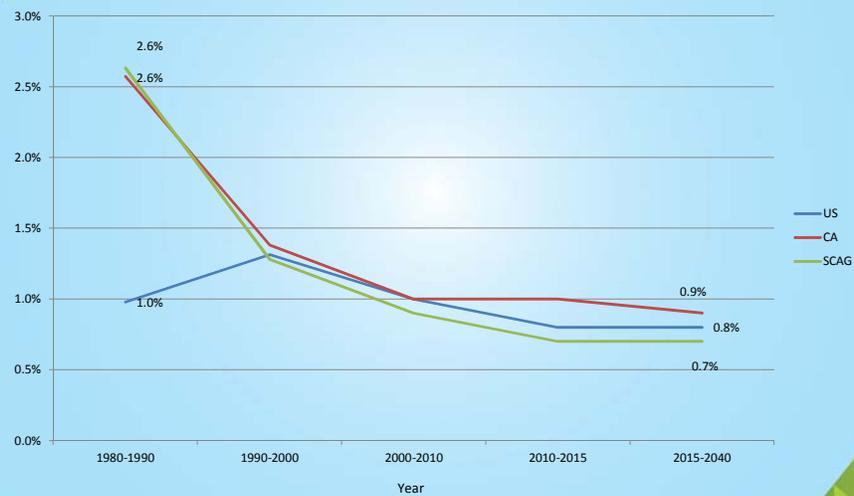
Source: U.S. Census Bureau

Gasoline Consumption in California (Million Gallons)



Source: California State Board of Equalization

Average Annual Population Growth Rate



Source: U.S. Census Bureau, California Department of Finance, SCAG

More Baby Boomers Will Age & Retire



Source: U.S. Census Bureau, California Department of Finance, SCAG

Annual Demographic Workshop

(<http://www.scag.ca.gov/calendar/Pages/DemographicWorkshop.aspx>)

50th ANNUAL DEMOGRAPHIC WORKSHOP

Demographic Workshop Materials

Past Workshops

- 49th ANNUAL DEMOGRAPHIC WORKSHOP
- 48th ANNUAL DEMOGRAPHIC WORKSHOP
- 47th ANNUAL DEMOGRAPHIC WORKSHOP
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- 1st ANNUAL DEMOGRAPHIC WORKSHOP

Big Changes Ahead in Post-Recession California
 Southern California Association of Governments
 9th Monday, June 9, 2015
 9th Annual Conference Room
 California Science Center

Program

Presentations:

- Panel 1: Susan Choi
- Panel 1: Cynthia Kuhl
- Panel 1: John Pilon
- Panel 2: John Gullberg
- Panel 2: Lisa Orlandi
- Panel 2: David Myers
- Panel 3: Dennis Hoag
- Panel 3: David Myers
- Panel 3: Stephen Long
- Luncheon Keynote: Hans Johnson
- Afternoon Roundtable 1: Amy Wang
- Afternoon Roundtable 2: Edna Strazgin
- Afternoon Roundtable 3: John Pilon
- Afternoon Roundtable 4: Vance Edwards & Mary Elmendorf Probst
- Afternoon Roundtable 5: Cheryl West & Jacquelyn McCordley
- Afternoon Roundtable 6: Doug Fitzgerald
- View the Photo Gallery

Thank You



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DATE: February 4, 2016

TO: Community, Economic and Human Development (CEHD) Committee
Energy & Environmental Committee (EEC)
Transportation Committee (TC)
Regional Council (RC)

FROM: Huasha Liu, Director, Land Use and Environmental Planning Division, 213-236-1898,
liu@scag.ca.gov

SUBJECT: CEQA Exemptions of Qualified Projects and Areas Under SB 743

EXECUTIVE DIRECTOR'S APPROVAL: 

RECOMMENDED ACTION:
For Information Only – No Action Required.

EXECUTIVE SUMMARY:
SB 743 (Steinberg, 2013), as codified in California Public Resources Code Section 21155.4) creates a new exemption from CEQA for certain projects located in transit priority areas (TPAs) that are consistent with a Specific Plans (SPs). Based upon information gathered as part of the 2016-2040 RTP/SCS local review and input process, staff have identified those project areas and specific plan locations in the SCAG region, and created a GIS web application to help developers and local jurisdictions to identify those project areas meeting location requirements under the SB743.

STRATEGIC PLAN:
This item supports SCAG's Strategic Plan, Goal 1: Improve Regional Decision Making by Providing Leadership and Consensus Building on Key Plans and Policies, and Objective (a): Create and facilitate a collaborative and cooperative environment to produce forward thinking regional plans

BACKGROUND:
As promoted and adopted in SCAG's 2012-2035 RTP/SCS and also in the current Draft 2016-2040 RTP/SCS, focusing development in areas served by transit can result in local and regional benefits. Among them,

- Increased transportation choices, transit ridership, and active transportation
- Reduced vehicle miles traveled
- Reduced air pollution, GHG emissions, and energy consumption
- Enhance public health
- Conservation of natural resources and open space
- Increased household disposable income through reductions in transportation expenses and increase in affordable housing
- Promote and increase local commerce and economic development
- Reduced local infrastructure costs

However, transit-oriented development faces many hurdles, including regulatory barriers. SB 743 addresses some of those barriers by changing CEQA requirements for certain types of TODs.

Governor Brown signed Senate Bill 743 (Steinberg, 2013) in September 2013, which made several changes to the California Environmental Quality Act (CEQA) for projects located in areas served by transit (i.e., transit-oriented development or TOD). In addition to directing the Governor's Office of Planning and Research to develop a new approach for analyzing the transportation impacts under CEQA, SB 743 also creates a new exemption for certain projects that are consistent with a Specific Plan and, eliminates the need to evaluate aesthetic and parking impacts of a project, in some circumstances.

What is the CEQA Exemptions of Qualified Projects and Areas Under SB743

SB 743 creates a new exemption from CEQA for certain projects that are consistent with a Specific Plan. (Public Resources Code Section 21155.4). A Specific Plan is a local plan that contains specific policies and development regulations for a defined area such as a downtown core or along a transit corridor. The exemption applies if a project meets all of the following criteria:

1. It is a residential, employment center (FAR=>0.75), or mixed use project;
2. It is located within a transit priority area (TPA);
3. The project is consistent with a specific plan for which an environmental impact report was certified; and
4. It is consistent with an adopted sustainable communities strategy (SCS) or alternative planning strategy (APS).

The exemption cannot be applied if the project would cause new or worse significant impacts compared to what was analyzed in the environmental impact report for the specific plan. In that case, supplemental environmental review must be prepared. In a preliminary collection of existing specific plans (SPs) through the 2016-2040 RTP/SCS local review and input process, staff identified over 1,000 SPs in the SCAG region. Among those 1,000 SPs, 240 SPs might enable the use of this exemption using the 2012 transportation network TPAs. Staff will continue to collect and identify other potentially-eligible specific plans, including those under development, and additional TPAs in the future as proposed in the Draft 2016-2040 RTP/SCS.

FISCAL IMPACT:

None

ATTACHMENT:

PowerPoint Presentation and GIS Web Applications for CEQA Exemptions of Qualified Projects and Areas under SB743

SB 743 (Steinberg, 2013) and CEQA Exemptions:

February 4, 2016



SB743 (Steinberg, 2013) CEQA Exemption

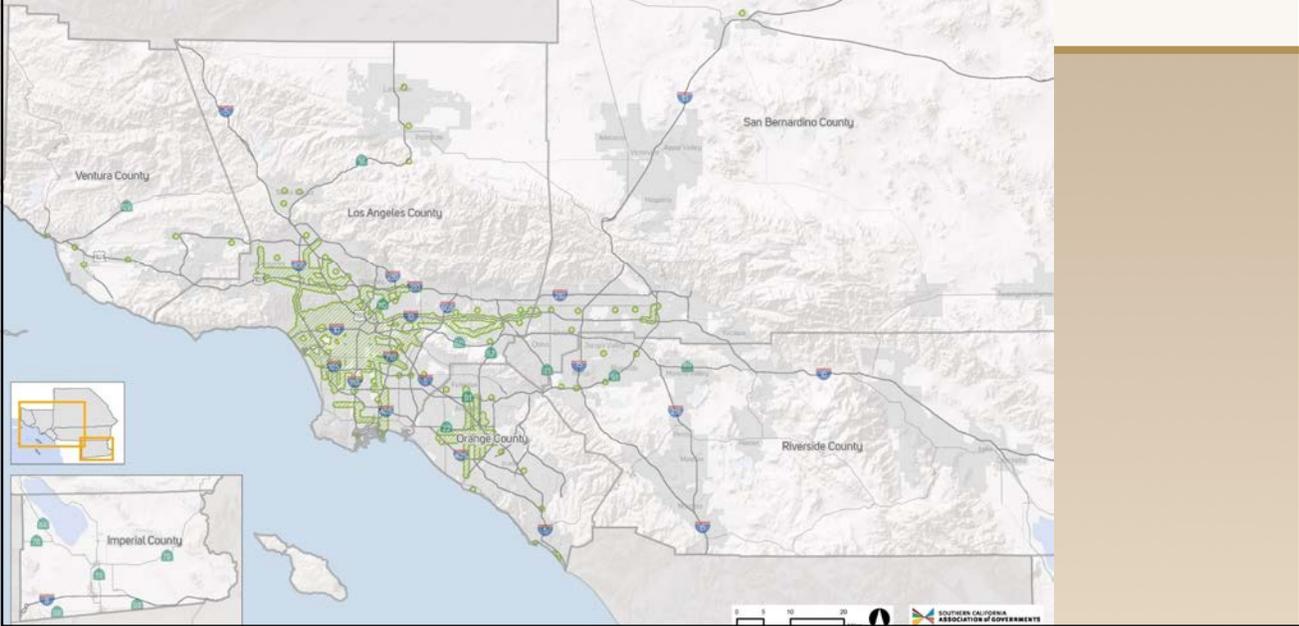
SB743 creates a new exemption from CEQA for certain projects that meet all of following (Public Resources Code Section 21155.4):

- Residential, employment center FAR \geq 0.75), or mixed use project
- Located within a transit priority area (TPA)
- Part of a specific plan with a certified EIR
- Consistent with an adopted SCS or APS

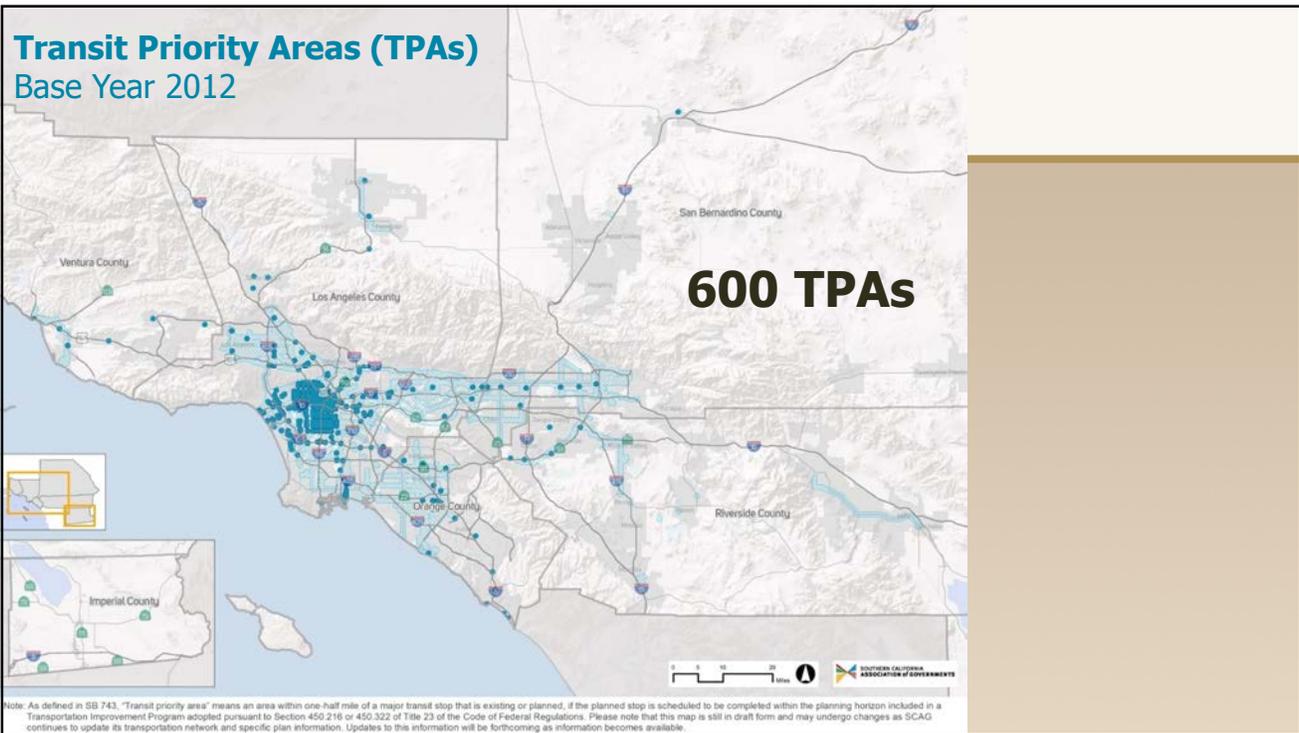
For further details, please see:

https://www.opr.ca.gov/s_transitorienteddevelopmentsb743.php

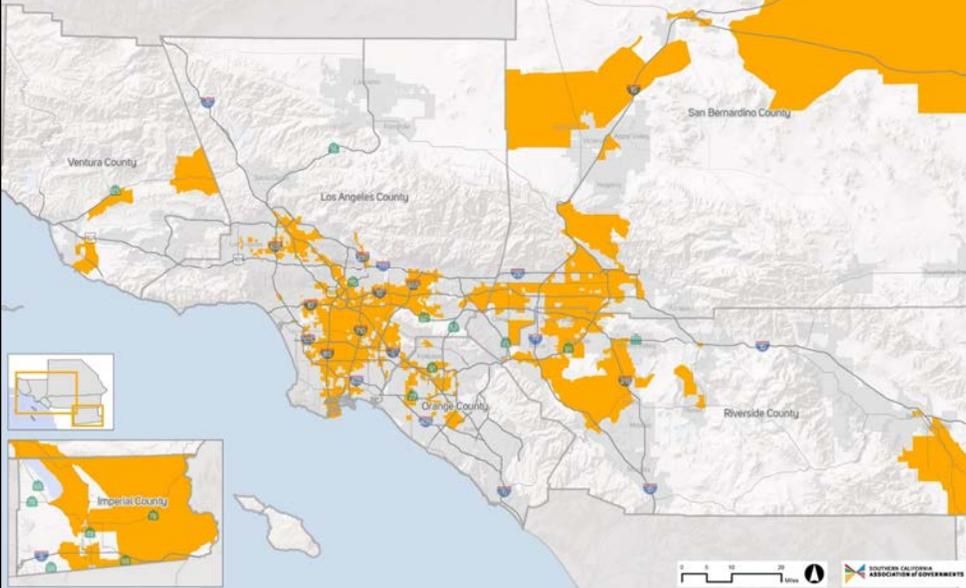
High Quality Transit Areas (HQTAs) Base Year 2012



Transit Priority Areas (TPAs) Base Year 2012

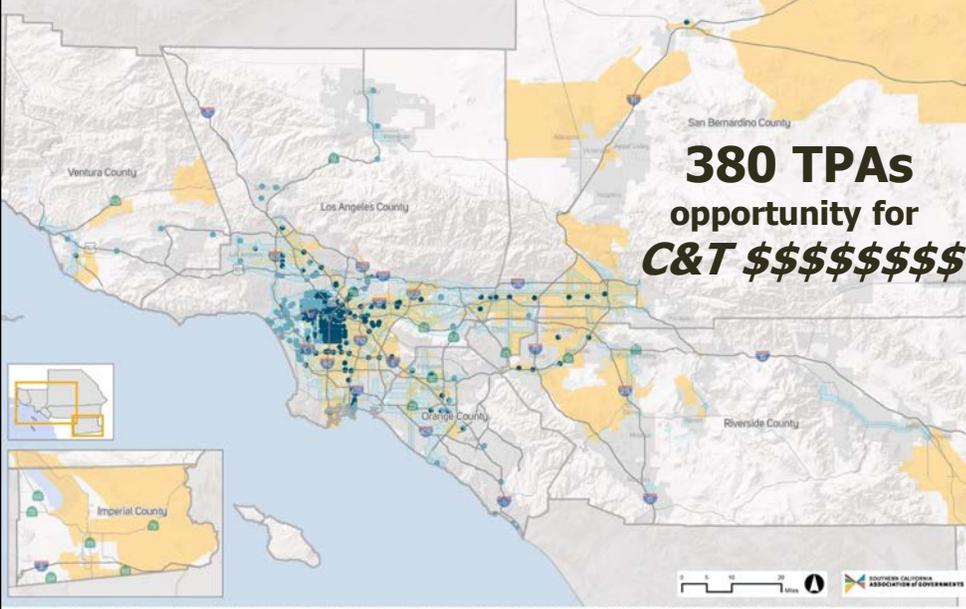


SB 535 Disadvantaged Communities



Note: SB 535 Disadvantaged Communities (DACs) is census tracts that have been identified by the California Environmental Protection Agency (CalEPA) as Disadvantaged Communities (DACs) based on the requirements set forth in SB 535, which seek to identify areas disproportionately burdened by and vulnerable to multiple sources of pollution

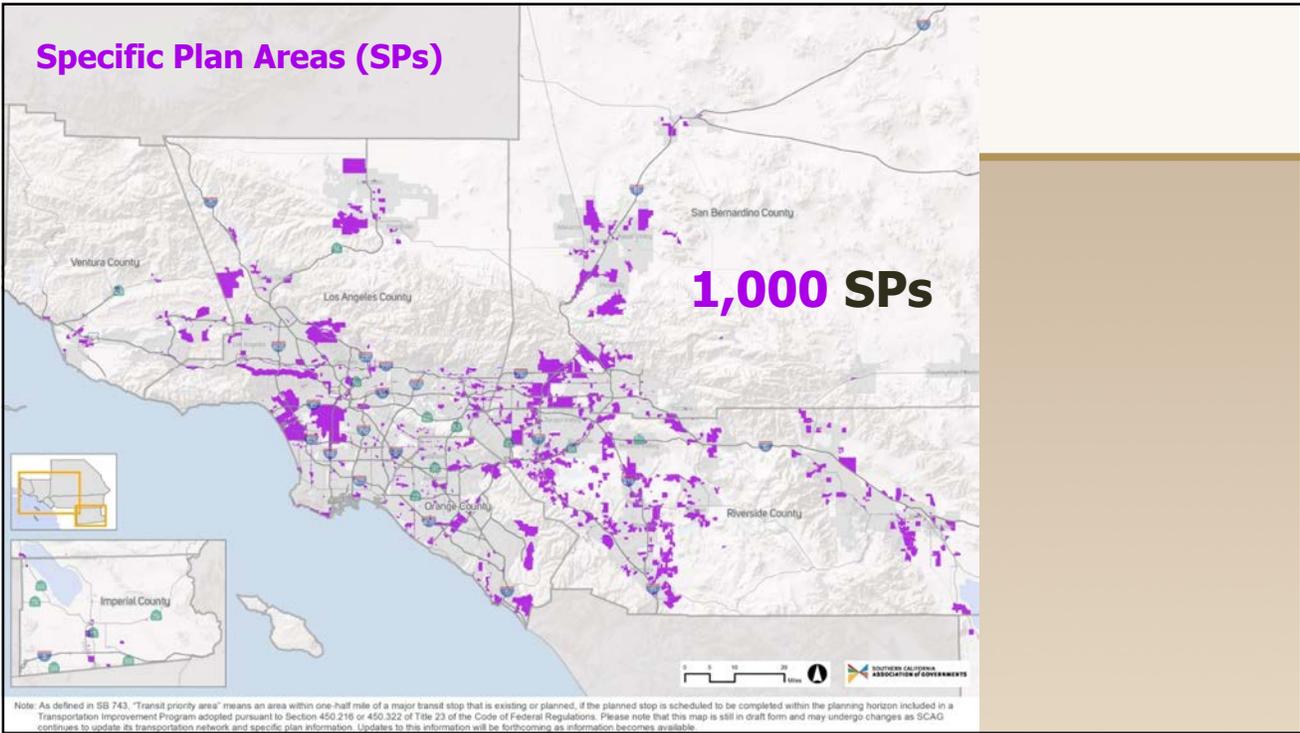
TPAs Overlay with DACs



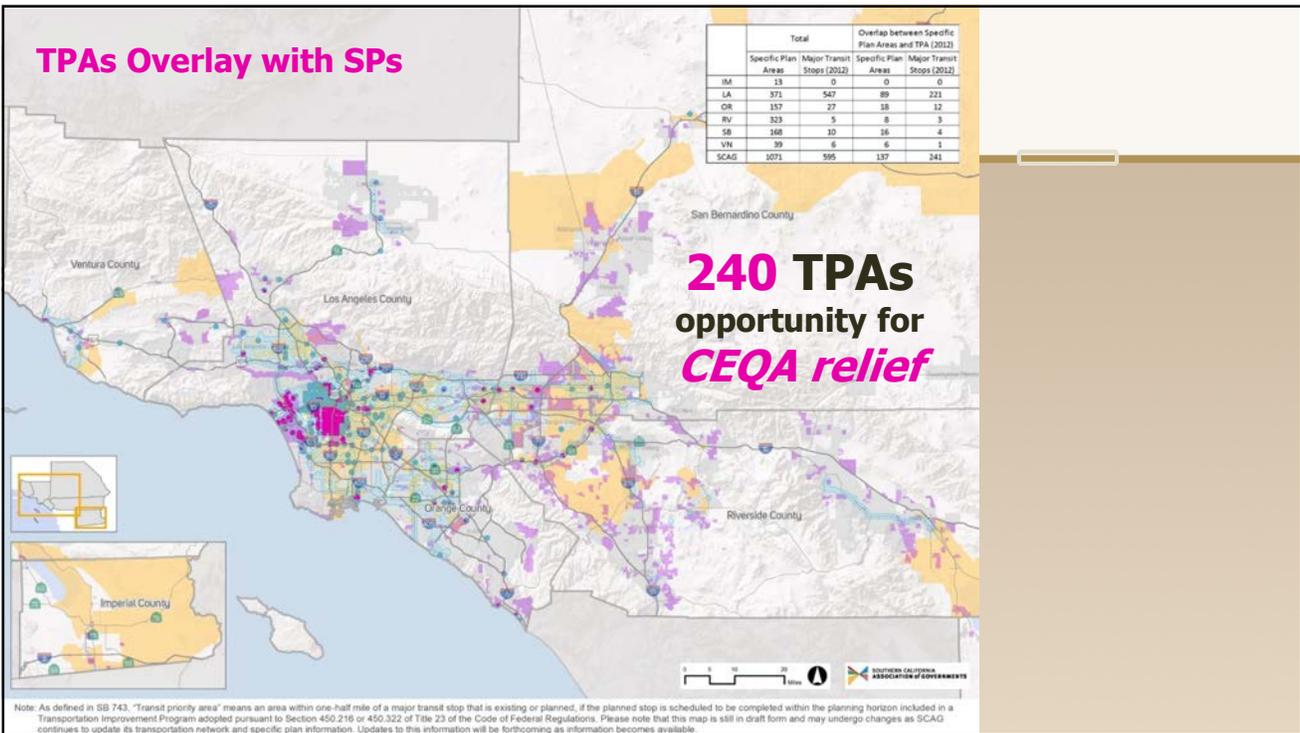
380 TPAs
opportunity for
C&T \$\$\$\$\$\$\$\$

Note: As defined in SB 743, "transit priority area" means an area within one-half mile of a major transit stop that is existing or planned, if the planned stop is scheduled to be completed within the planning horizon included in a Transportation Improvement Program adopted pursuant to Section 450.216 or 450.322 of Title 23 of the Code of Federal Regulations. Please note that this map is still in draft form and may undergo changes as SCAG continues to update its transportation network and specific plan information. Updates to this information will be forthcoming as information becomes available.

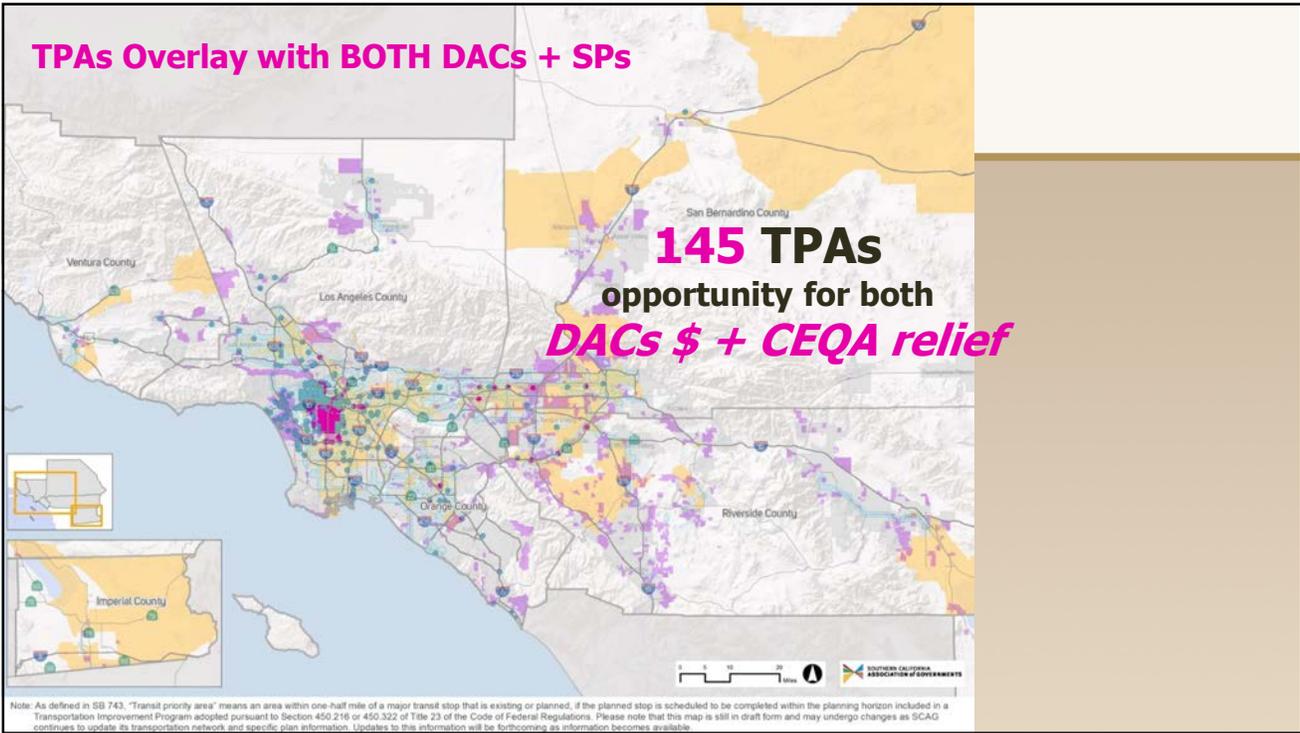
Specific Plan Areas (SPs)



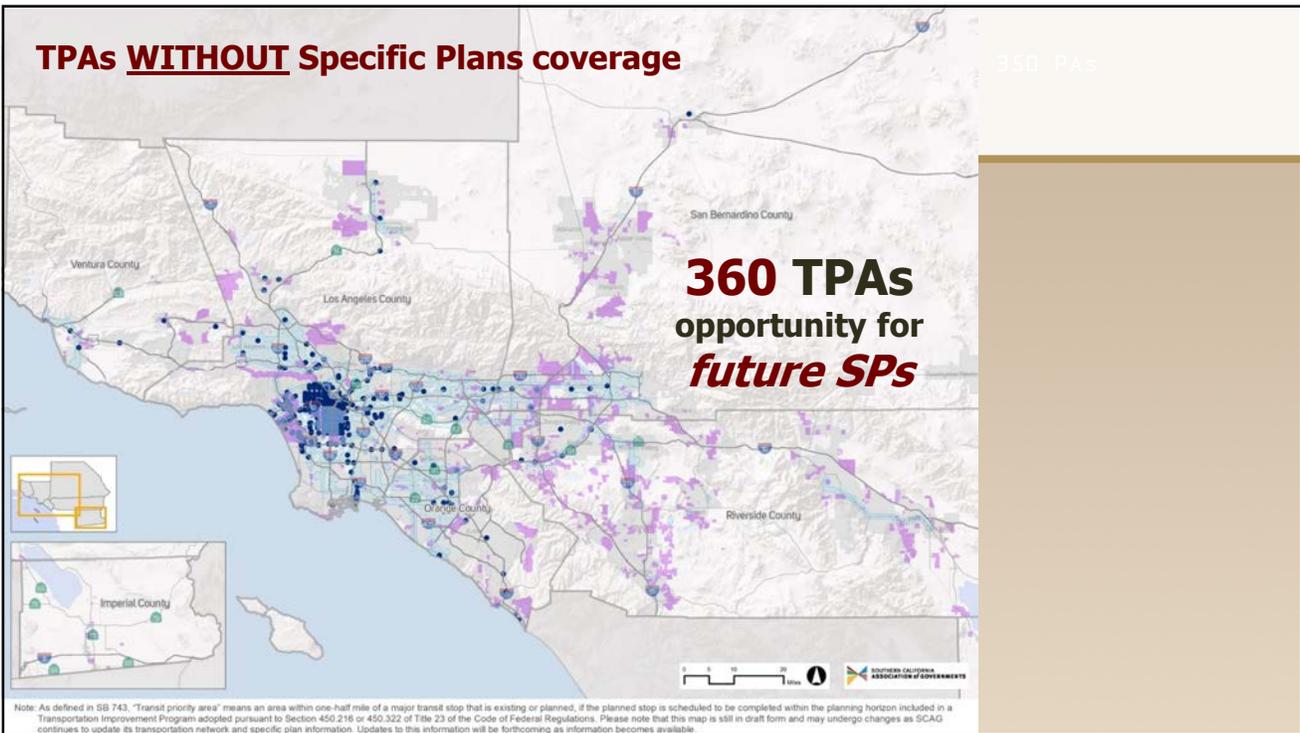
TPAs Overlay with SPs



TPAs Overlay with BOTH DACs + SPs

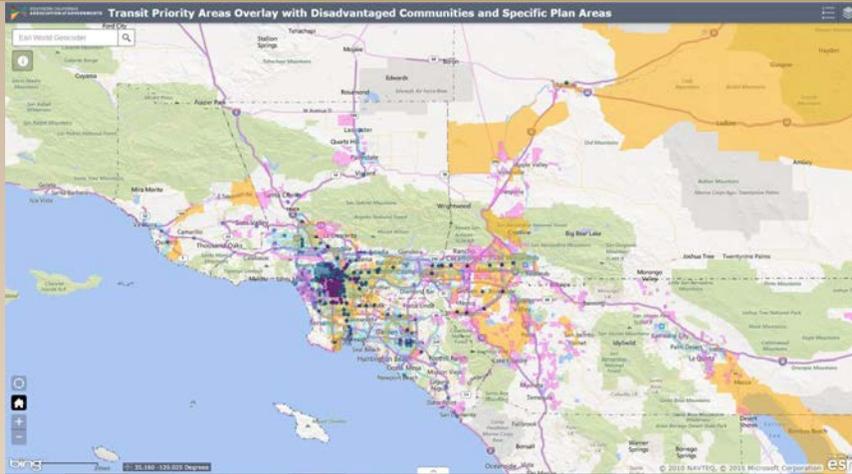


TPAs WITHOUT Specific Plans coverage



Web Application

[Transit Priority Areas Overlay with Disadvantaged Communities and Specific Plan Areas](#)





SOUTHERN CALIFORNIA
ASSOCIATION of
GOVERNMENTS

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Bill Jahn, Big Bear Lake

Energy & Environment
Deborah Robertson, Rialto

Transportation
Alan Wapner, San Bernardino
Associated Governments

2016 MEETING SCHEDULE REGIONAL COUNCIL AND POLICY COMMITTEES

All Regular Meetings are scheduled on the 1st Thursday of each month; except for the month of October which is on the 5th Thursday of September* (Approved by the Regional Council 9-3-15)	
Executive/Administration Committee (EAC)	9:00 AM – 10:00 AM
Community, Economic and Human Development Committee (CEHD)	10:00 AM – 12:00 PM
Energy and Environment Committee (EEC)	10:00 AM – 12:00 PM
Transportation Committee (TC)	10:00 AM – 12:00 PM
Regional Council (RC)	12:15 PM – 2:00 PM

January 7, 2016
(SCAG Sixth Annual Economic Summit --- in lieu of the regularly scheduled Regional Council and Policy Committees' Meetings)

February 4, 2016

March 3, 2016

April 7, 2016

May 5 – 6, 2016
(2016 SCAG Regional Conference and General Assembly, La Quinta)

June 2, 2016

July 7, 2016

August 4, 2016 (DARK)

September 1, 2016

September 29, 2016*

(Note: League of California Cities Annual Conference, Long Beach, CA, Oct. 5 - 7)

November 3, 2016

December 1, 2016

The Regional Council consists of 86 elected officials representing 191 cities, six counties, six County Transportation Commissions, one representative from the Transportation Corridor Agencies, one Tribal Government representative and one representative for the Air Districts within Southern California.

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DATE: February 4, 2016

TO: Transportation Committee (TC)

FROM: Annie Nam, Manager, Goods Movement & Transportation Finance; (213) 236-1827;
nam@scag.ca.gov

SUBJECT: California Road Charge Pilot Design Recommendations

EXECUTIVE DIRECTOR'S APPROVAL: 

RECOMMENDED ACTION:

For Information Only – No Action Required.

EXECUTIVE SUMMARY:

Jim Madaffer, California Transportation Commission Commissioner and Chair of the Road Charge Technical Advisory Committee will provide an update on the California Road Charge Pilot program, including pilot program design recommendations and outreach efforts.

STRATEGIC PLAN:

This item supports SCAG's Strategic Plan Goal 1, Improve Regional Decision Making by Providing Leadership and Consensus Building on Key Plans and Policies

BACKGROUND:

As noted in the Draft 2016 Regional Transportation Plan/Sustainable Communities Strategy (2016 RTP/SCS), full funding for transportation improvements is currently not sustainable, given projected needs. Projected revenues from motor fuel taxes, the historic source of transportation funding, are inadequate to preserve and maintain existing infrastructure and to provide funds for improvements that would reduce congestion and improve safety. Motor fuel tax revenues, in real terms, are actually in decline as tax rates (both state and federal) have not been adjusted in more than two decades while the number of more fuel efficient and alternative powered vehicles continue to grow. State projections indicate that by 2030, as much as half of the revenue that could have been collected will be lost to fuel efficiency.

In 2014, the California Legislature passed and the Governor signed into law Senate Bill (SB) 1077, establishing a Technical Advisory Committee (TAC) under the California Transportation Commission (CTC). The TAC was tasked with studying road user charge alternatives to the gas tax, gathering public comment on issues and concerns related to a road user charge pilot program and recommending the design of a pilot program. The CTC in consultation with the California State Transportation Agency (CalSTA) identified and appointed a 15-member TAC representing a broad-spectrum of individuals and a diverse group of stakeholders from across the state, including representatives from the telecommunications industry, highway user groups, the data security and privacy industry, privacy rights advocacy organizations, regional transportation agencies, and national research and policymaking bodies. SCAG Regional Council and TC member Pam O'Connor (Santa Monica) serves on the TAC.

REPORT

The TAC publically convened monthly throughout the state to discuss various policy and technical issues related to the design and implementation of a road charge pilot program. SB 1077 provides policy, design criteria and privacy protections guidance to assist in the TAC’s deliberations and recommendations in the development of the pilot to test road charging in California.

In December 2015, the TAC issued a report entitled, “Road Charge Pilot Design Recommendations” consisting of the key policy and design recommendations the TAC concluded are critical to be implemented and studied during the pilot phase of the program. In addition to the specific recommendations, the TAC has identified areas that will need further consideration at the completion of the pilot program.

The TAC recommendations are broken down into five categories: 1) Technical and Organizational Design, 2) Privacy, 3) Data Security, 4) Enforcement, and 5) Other Policy Issues and Recommendations. Each of these categories were thoroughly researched and publically examined by the TAC prior to formulation and adoption of the final recommendations. The TAC took proactive measures to ensure public engagement and input throughout the process.

The table below summarizes the recommendations of the TAC based on category with a thorough discussion of each recommendation in the body of the report.

California Road Charge Technical Advisory Committee Road Charge Pilot Design Recommendations

Topic	Recommendation
Technical & Organizational Design	The pilot should offer drivers a choice in mileage recording methods.
	The pilot should offer drivers a choice in account managers.
	Out-of-state vehicles should be included in the pilot and simulate payment for driving on California roads.
	The pilot should test an open system design.
	The pilot should test the interoperability of California’s system with that of other states.
	The pilot should include individuals, households, businesses, and at least one government agency.
	The pilot should include a cross-section of at least 5,000 vehicles that are reflective of the fleet currently using California’s road network.
	The pilot should offer methods to exempt miles driven on private roads or out of state.
Privacy	The pilot should feature specific governance, accountability, and legal protection approaches for protecting privacy.
Data Security	The pilot should test ten data security features: Authentication, Authorization, Encryption, Data Modification Notification, Data Masking, Data Storage, Data Transmittal, Data Destruction, General IT Network Security, and Third Party Data Security System Verification.

REPORT

California Road Charge Technical Advisory Committee Road Charge Pilot Design Recommendations

Topic	Recommendation
Enforcement	The pilot should check for anomalies in mileage reporting; such as ensuring mileage permits and odometer readings are current, and reviewing electronic logs of the automated distance measurement operational concepts.
Other Policy Issues & Recommendations	<p>Income equity implications of a road charge - Once the road charge pilot project yields data about the types of vehicles owned, mileage driven and opinions held by the participants, more in-depth analysis should be conducted on impacts on lower-income persons. The TAC recommends this issue be taken up in any future phase of road charge policy development work.</p>
	<p>Potential differential impacts on urban vs. rural residents - The TAC recommends that this issue be carefully monitored during the pilot, and that impacts of the road charge on rural drivers when compared with their urban counterparts should be assessed. The recommended composition of the volunteer pool reflects this concern and oversamples rural participants to ensure sufficient data is available to fully assess the impacts of the road charge on rural drivers.</p>
	<p>Payment Simulation Options for the Pilot - TAC recommends the simulation of payments be tested during the pilot utilizing online and mail payment options, studying the administrative costs of each.</p>
<p>Rate Setting for the Pilot - The TAC recommends that in order to adequately assess the ability to invoice based on per-mile rates, a revenue neutral rate should be developed for the pilot program.</p>	

With the completion and submittal of Road Charge Pilot Design Recommendations report, the next phase of implementation and deployment of the pilot program resides with CalSTA. Moving forward the TAC will continue to meet periodically to receive updates on the progress of the pilot, to provide advice to CalSTA and to clarify any recommendations presented in the report.

Pursuant to SB 1077, the TAC will receive the final report on the findings of the pilot, providing comments and recommendations to CTC for inclusion in the Annual Report to the Legislature.

FISCAL IMPACT:

None

ATTACHMENT:

None



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DATE: February 4, 2016
TO: Transportation Committee (TC)
FROM: Steve Fox, Senior Regional Planner, 213-236-1855, fox@scag.ca.gov
SUBJECT: Los Angeles and San Bernardino Inter-County Transit and Rail Connectivity Study

EXECUTIVE DIRECTOR'S APPROVAL: 

RECOMMENDED ACTION:
For Information Only – No Action Required.

EXECUTIVE SUMMARY:
This report updates TC members on the Los Angeles and San Bernardino Inter-County Transit and Rail Connectivity Study.

STRATEGIC PLAN:
This item supports SCAG's Strategic Plan, Goal 1: Improve Regional Decision Making by Providing Leadership and Consensus Building on Key Plans and Policies; Objective: a) Create and facilitate a collaborative and cooperative environment to produce forward thinking regional plans.

DISCUSSION:
SCAG recently initiated the Los Angeles and San Bernardino Inter-County Transit and Rail Connectivity Study (Inter-County Study). The Inter-County Study is being conducted in partnership with the Los Angeles County Metropolitan Transportation Authority (Metro) and the San Bernardino Associated Governments (SANBAG). The Inter-County Study focuses on the transportation corridor that connects the eastern San Gabriel Valley in Los Angeles County with the western San Bernardino Valley in San Bernardino County, and includes the Metro Gold Line Foothill Extension Phases 2B (Azusa to Montclair) and 2C (Montclair to Ontario International Airport), the Metrolink San Bernardino Line, and current and future HOV/Express Lanes on the I-10 San Bernardino Freeway. The Inter-County Study area includes portions of the cities of Claremont, La Verne, Montclair, Ontario, Pomona, Rancho Cucamonga and Upland.

A number of significant transportation improvements are under construction and are being planned in this corridor, including the Metro Gold Line extensions, improvements in speed and service to the Metrolink San Bernardino Line and new HOV/Express Lanes on the I-10 San Bernardino Freeway that will result in continuous HOV/Express Lanes from downtown Los Angeles to Redlands allowing for additional express bus services. Therefore, the main goal of the Inter-County Study is to determine the optimum mix and service levels of light rail, commuter rail, express bus and bus rapid transit (BRT) in the corridor.

The Inter-County Study began late last year and is expected to conclude in the summer of 2017. The Inter-County Study scope's main tasks include:



- determining the current and future transit and rail travel markets in the corridor, including intra- and inter-county travel and travel to and from Ontario International Airport (ONT),
- estimating potential ridership, and the current and future transportation and economic benefits and costs associated with different transit and rail improvement options for the corridor, and
- recommending the optimum mix and service levels of the different transportation modes for cost-effective transit and rail improvements, with a focus on coordination and connectivity that best serves the transportation needs of the residents, workers, and businesses in the Inter-County Study corridor.

There is significant community outreach in the Inter-County Study including public meetings, an on-line survey, and meetings with stakeholder groups for feedback. In addition, there are two formal committees convened for the Inter-County Study: 1) a Technical Working Group (TWG) comprised of representatives from transit operators and councils of governments in the Inter-County Study corridor, and 2) a Stakeholder Review Committee (SRC) comprised of representatives from each city in the corridor, transportation agencies, as well as the TWG members. The purpose of the TWG is to review and provide input on technical assumptions and methodology, and the purpose of the SRC is to represent the various perspectives of the communities and stakeholders in the corridor, advise the project team, and serve as a sounding board throughout the Inter-County Study process.

Staff will seek policy direction and guidance from the TC at key milestones. Study recommendations will be presented to the TC and RC for approval to be forwarded to Metro and SANBAG. As the implementing agencies in their respective counties, Metro and SANBAG have the discretion to advance the recommendations into further planning and project development.

NEXT STEPS:

Staff will provide Inter-County Study updates to the TC at key milestones.

FISCAL IMPACT:

Staff work related to this project is included in the current OWP under Work Element No. 16-140.SCG00121.06 - L.A.-San Bernardino Inter-County Connectivity Study.

ATTACHMENTS:

1. PowerPoint Presentation: “Inter-County Transit and Rail Connectivity Study”
2. Fact Sheet



2016 2040 RTPSCS

LOS ANGELES AND SAN BERNARDINO INTER-COUNTY TRANSIT AND RAIL CONNECTIVITY STUDY

Transportation Committee

Steve Fox
February 4, 2016

“Inter-County Study”

- Significant transportation improvements are under construction or are being planned in the Inter-County Study corridor.
 - Metro Gold Line extensions 2B and 2C
 - Speed and service improvements to the Metrolink San Bernardino Line
 - New HOV/Express Lanes on the I-10 San Bernardino Freeway
- SCAG initiating Inter-County Study in partnership with Metro and San Bernardino Associated Governments (SANBAG).
- **Key Questions:**
- Metro seeks to evaluate the efficiency and effectiveness of providing both light rail transit and commuter rail service in the same corridor.

Inter-County Study

- SANBAG seeks to understand and ensure that San Bernardino County investments in direct rail transit service to Ontario International Airport will benefit San Bernardino County residents.
- SCAG's approach is to conduct a comprehensive corridor-level study as described in the Study Goal and Objectives on the following slides.

Inter-County Study Area



Inter-County Study Goal



To determine the optimum mix and service levels of commuter rail, light rail, BRT, and express bus in the corridor

Inter-County Study Objectives

- Assess the market for intra- and inter-county transit and rail travel in the corridor, including the geographic distribution of origins for employee and passenger trips to ONT
- Estimate potential ridership, travel and economic benefits, and capital/operating costs associated with transit and rail alternatives in the corridor
- Recommend a path forward for cost-effective transit and rail service to best serve communities along the corridor and to/from ONT, with a focus on coordinating plans for Gold Line, Metrolink, and transit access to ONT

Inter-County Study Committees

Technical Working Group (TWG)

- Representatives from councils of governments and transit agencies
- Advises project team regarding technical assumptions and methodologies.
- Review and provide input on draft deliverables over the course of the study.

Stakeholder Review Committee (SRC)

- City representatives, transportation agencies, and TWG members
- Represents various community and stakeholder perspectives.
- Advises project team.

- The **Transportation Committee** is the policy decision-making body for the study.

Inter-County Study Schedule

- **Study Initiation**
 - Winter 2015 to Spring 2016
- **Alternatives Development & Refinement**
 - Summer 2016 to Fall 2016
- **Alternatives Evaluation**
 - Winter 2016 to Spring 2017
- **Study Conclusion & Recommendations**
 - Summer 2017 to TC and RC
 - Hand Off to Metro and SANBAG



Thank you !

Learn more by visiting www.scag.ca.gov. Contact me at: fox@scag.ca.gov.



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SOUTHERN CALIFORNIA ASSOCIATION OF GOVERNMENTS

Los Angeles-San Bernardino Inter-County Transit and Rail Planning Study

PROJECT OVERVIEW

The Southern California Association of Governments (SCAG), in cooperation with the San Bernardino Associated Governments (SANBAG) and the Los Angeles County Metropolitan Transportation Authority (Metro), is beginning a transit and rail planning study for the corridor connecting the eastern San Gabriel Valley in Los Angeles County with the western San Bernardino Valley in San Bernardino County.

A number of significant transportation improvements have been or are currently being planned in this corridor, including Metro Gold Line light rail transit, Metrolink San Bernardino Line commuter rail, bus rapid transit and Interstate 10 carpool and ExpressLanes. SCAG is seeking to develop a coordinated transit and rail strategy that best serves the transportation needs of the residents, workers, and businesses that rely on this corridor.

The study's objectives are to:

- ▶ Understand the market for transit and rail travel in the corridor, including travel to and from Ontario International Airport (ONT),
- ▶ Estimate the potential benefits and costs associated with different transit and rail improvement options for the corridor, and
- ▶ Recommend a path forward for cost-effective transit and rail improvements, with a focus on coordinating plans for the Metro Gold Line, Metrolink, and access to ONT.

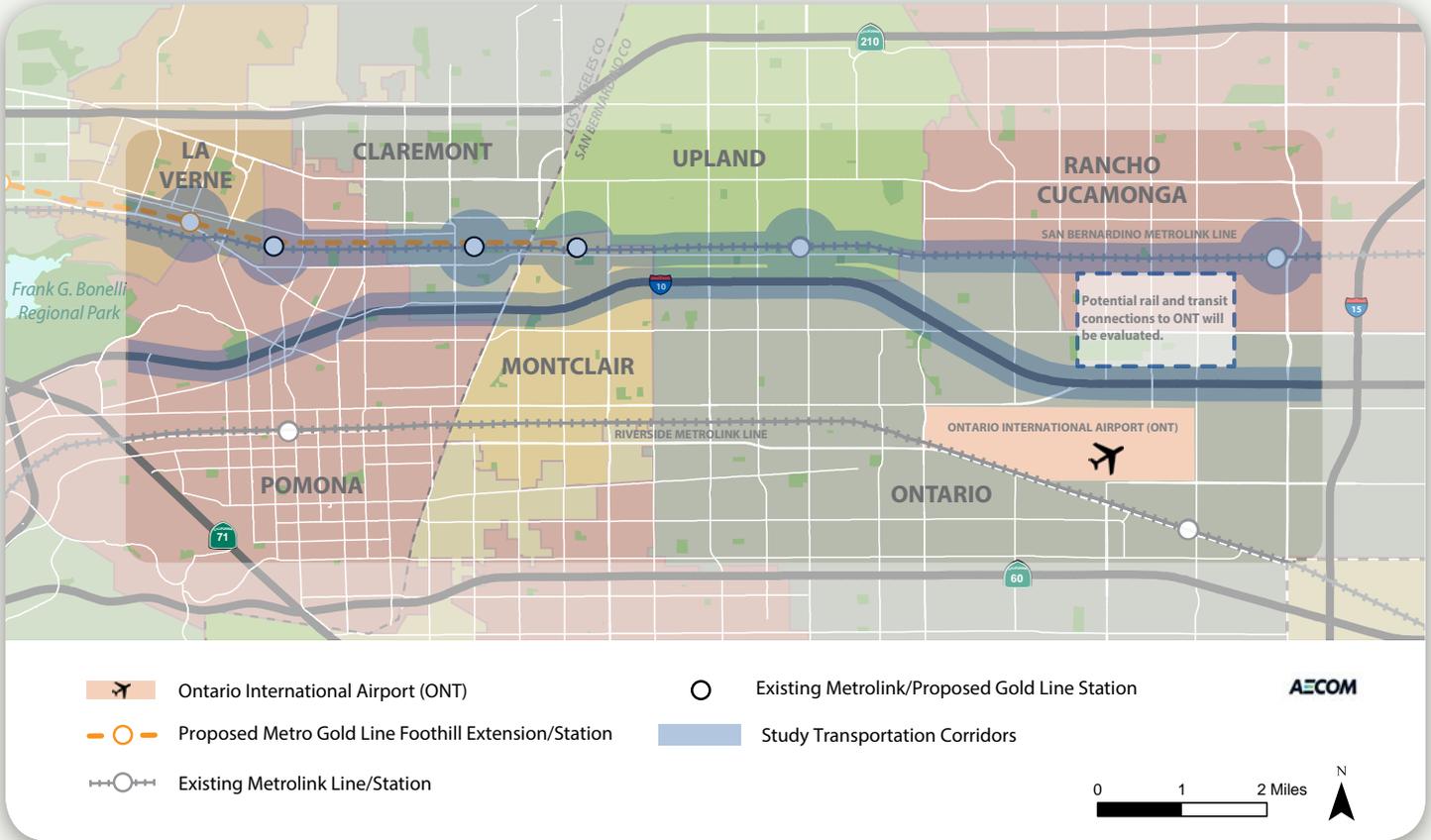


INTER-COUNTY STUDY PROCESS

The Inter-County Study will evaluate the current and future travel needs in the corridor and will make recommendations concerning the optimum mix of different services, including commuter rail, light rail transit, bus rapid transit, and express bus service on the Interstate 10 carpool and ExpressLanes facilities. Potential direct transit and rail connections to ONT will also be identified and evaluated. The study conclusions will be presented to the SCAG Regional Council for approval and the approved recommendations will then be forwarded to Metro and SANBAG. As the implementing agencies in their respective counties, Metro and SANBAG have the discretion to advance any recommended strategies into project development, engineering, and environmental phases consistent with federal and state requirements.

PUBLIC INVOLVEMENT

There will be ongoing opportunities including an on-line survey for public involvement in the study. Two rounds of community meetings will be scheduled at key stages in the study to share information and solicit input and feedback from residents, businesses, and other stakeholders along the corridor.



STUDY AREA

The study corridor area includes portions of the cities of Claremont, La Verne, Montclair, Ontario, Pomona, Rancho Cucamonga and Upland and focuses on the Metro Gold Line Foothill Extension, the Metrolink San Bernardino Line, and the San Bernardino (I-10) freeway.

STUDY SCHEDULE

Note: Schedule Subject to Change

Study Initiation

- ▶ Winter 2015 to Spring 2016

Alternatives Development & Refinement

- ▶ Summer 2016 to Fall 2016

Alternatives Evaluation

- ▶ Winter 2016 to Spring 2017

Study Conclusion & Recommendations

- ▶ Summer 2017

CONTACT US

For more information about the study or to learn about upcoming opportunities for public participation, please contact Steve Fox, Project Manager at (213) 236-1855 or fox@scag.ca.gov.

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