ORANGE COUNTY COUNCIL OF GOVERNMENTS

Technical Advisory Committee

Meeting Date / Location

Tuesday, June 4, 2019
9:30 A.M. – 12:00 P.M.
IRVINE CITY HALL
CONFERENCE AND TRAINING CENTER (CTC)
1 CIVIC CENTER PLAZA
IRVINE, CALIFORNIA 92623

Agenda Item	Staff	Page
INTRODUCTIONS	(Chair Marika Poynter, City of Irvine)	
PUBLIC COMMENTS	(Chair Poynter)	

The agenda descriptions are intended to give members of the public a general summary of items of business to be transacted or discussed. The posting of the recommended actions does not include what action will be taken. The Technical Advisory Committee may take any action which it deems appropriate on the agenda item and is not limited in any way by the notice of the recommended action.

> At this time members of the public may address the TAC regarding any items within the subject matter jurisdiction, which are not separately listed on this agenda. Members of the public will have an opportunity to speak on agendized items at the time the item is called for discussion. NO action may be taken on items not listed on the agenda unless authorized by law. Comments shall be limited to three minutes per person and an overall time limit of twenty minutes for the Public Comments portion of the agenda.
>
> Any person wishing to address the TAC on any matter, whether or not it appears on this agenda, is requested to complete a "Request to Speak" form available at the door. The completed form is to be submitted to the TAC Chair prior to an individual being heard. Whenever possible, lengthy testimony should be presented to the TAC in writing and only pertinent points presented orally. A speaker's comments shall be limited to three minutes.

ADMINISTRATION

1.	**OCCOG TAC Meeting Minutes** ♦ Draft OCCOG TAC minutes for the May 7, 2019 meeting *Recommended Action:* Approve OCCOG TAC minutes of May 7, 2019, as presented or amended	(Chair Poynter)	**1**

PRESENTATIONS, DISCUSSION AND ACTION ITEMS, REPORTS

2.	**Center for Demographic Research Update** ♦ January 1- June 30, 2019 Housing Inventory System Data Collection ♦ 2020 Census PSAP	(Ms. Deborah Diep, Director, Center for Demographic Research) – 10 minutes	**6**

Agenda Item		Staff	Page
	♦ 2020 Census New Construction Program ♦ Orange County Progress Report – Top 5 Employers Update *Recommended Action:* Receive report. Discussion.		
3.	**Regional Housing Needs Assessment Update** ♦ Southern California Association of Governments Regional Housing Needs Assessment (RHNA) Subcommittee meeting – June 3, 2019 *Recommended Action:* Receive report. Discussion.	(Chair Poynter and Ms. Diep) - 60	**10**
4.	**Update on Regional Policy Issues** ♦ Southern California Association of Governments Technical Working Group meeting – May 16, 2019 ♦ Orange County Council of Governments Board of Directors meeting – May 23, 2019 ♦ Southern California Association of Governments Regional Council and Policy Committee meetings – June 6, 2019 ♦ Update on Senate Bill 50 ♦ Connect SoCal Workshop Review ♦ Assembly Bill 516 *Recommended Action:* Receive report. Discussion.	(Chair Poynter, Ms. Diep, Vice Chair Susan Kim, City of Anaheim) – 40 minutes	

REPORT FROM THE CHAIR

- July 2, 2019 OCCOG TAC meeting

REPORT FROM THE OCCOG EXECUTIVE DIRECTOR

MATTERS FROM OCCOG TAC MEMBERS

ANNOUNCEMENTS FROM NON-MEMBERS

ITEMS FOR NEXT MEETING

IMPORTANT DATES OR UPCOMING EVENTS

- June 6, 2019: Southern California Association of Governments Regional Council and Policy Committee Meetings
- June 6, 2019: Connect SoCal Workshop, Buena Park Community Center 5:00 – 7:00 p.m.
- June 11, 2019: 30th Annual USC-SCAG Demographic Workshop: 8:30 a.m. – 3:30 p.m. USC Trojan Grand Ballroom
- June 20, 2019: Southern California Association of Governments Technical Working Group
- June 25, 2019: Southern California Association of Governments Aviation Task Force

- June 27, 2019: Orange County Council of Governments Board of Directors Meeting

Adjourn to: **JULY 2, 2019**
CITY OF IRVINE – CITY HALL
CONFERENCE AND TRAINING CENTER (CTC)
1 CIVIC CENTER PLAZA
IRVINE, CALIFORNIA 92623

OR

AUGUST 6, 2019
CITY OF IRVINE – CITY HALL
CONFERENCE AND TRAINING CENTER (CTC)
1 CIVIC CENTER PLAZA
IRVINE, CALIFORNIA 92623

ORANGE COUNTY COUNCIL OF GOVERNMENTS

Technical Advisory Committee

Draft Action Minutes

Meeting of May 7, 2019

The Orange County Council of Governments Technical Advisory Committee (TAC) meeting of May 7, 2019, was called to order by Chair Marika Poynter, City of Irvine, at the City of Irvine City Hall, Conference and Training Center (CTC), 1 Civic Center Plaza, Irvine, California 92623 at 9:36 a.m. Attendees were invited by the Chair to introduce themselves. The list of meeting attendees is attached.

PUBLIC COMMENT:

There were no public comments.

ADMINISTRATION

1. OCCOG TAC Meeting Minutes

The OCCOG meeting minutes of April 2, 2019 were unanimously approved by the TAC as moved by Mr. Ron Santos, City of Lake Forest, and a second by Mr. Nate Farnsworth, City of Yorba Linda.

PRESENTATIONS, DISCUSSION AND ACTION ITEMS, REPORTS

2. Senate Bill 2 Funding Briefing

Mr. Colin Drukker, PlaceWorks, provide the Orange County Council of Governments Technical Advisory Committee (OCCOG TAC) with an update on Senate Bill 2, "Building Jobs and Homes Act" Funding. Specifically, Mr. Drukker covered the purpose and eligibility, funding, timing, assistance, eligible activities and applicants, priority policy areas, and the application overview.

Senate Bill 2 was adopted along with 14 other bills that make up the 2017 California Housing Package. SB 2 establishes a permanent source of funding to increase the affordable housing stock and all cities and counties with a certified Housing Element and a 2017 or 2018 Annual Progress Report (APR) submitted to the California Department of Housing and Community Development (HCD) are eligible for the funding.

Half of year 1 funding ($123 million) will be allocated for financial/technical assistance to update planning documents to streamline housing production, while the remaining 50% is dedicated to addressing homelessness. Jurisdictions must submit applications for SB 2 funding by November 30, 2019 and all funds must be spent by June 30, 2022.

Following his presentation, Mr. Drukker addressed questions from the OCCOG TAC members. Mr. Drukker and his colleagues at PlaceWorks are available to assist jurisdictions in submitting for SB 2 funding.

3. Center for Demographic Research Update

Ms. Deborah Diep, Director, Center for Demographic Research, provided the OCCOG TAC with an update on CDR related issues, including the January 1 – June 30, 2019 Housing Inventory System (HIS) data collection, the 2020 Census PSAP, and the Orange County Progress Report – Top 5 Employers Update.

January 1 – June 30, 2019 housing construction and demolition data will be due to the Center for Demographic Research on Friday, July 26, 2019. HIS submission forms were updated in 2017 and now include the revised categories for the Accessory Dwelling Units (ADUs). Revisions to prior years may use either the new or old form. For any questions related to HIS, OCCOG TAC members should contact Tania Torres.

The 2020 Census Participating Statistical Areas Program (PSAP) allows invited participants to review and update selected statistical area boundaries for 2020 Census data tabulation following U.S. Census Bureau guidelines and criteria. The designated contact and participant is the County of Orange, but CDR, as a designated participant, will take the lead in coordinating the responses and making the recommended changes in the software provided by the Census Bureau. The CDR will coordinate with the County of Orange throughout the PSAP program. The PSAP program began in January 2019 with training webinars. In preparation, CDR reached out to jurisdictions through the OCCOG TAC and directly for information on local traffic analysis zones and planning areas to be used as references.

In February and March 2019, CDR worked with OC jurisdictions in which the Census Bureau identified census tracts whose 2019 revised population or housing totals were outside the thresholds. For continuity purposes, ease of comparison over time, and to ensure statistical accuracy for subsequent ACS sampling, CDR generally recommended no change to the tract boundary when either the population or housing count is within the stated thresholds.

CDR has completed the proposed changes to the census tracks, block groups, and CDPs and is now making final reviews and providing justifications as required. The program deadline is Friday, May 24, 2019. Changes provided through the PSAP to the Census Bureau are recommendations only and the Census Bureau will assess each proposed change, or retention of existing boundaries, and has the final decision-making authority for the geographic boundaries.

For the 2019 Orange County Progress Report, CDR is using a new source for the Top 5 Employers by jurisdiction. The item was removed from the 2018 OCPR after previous sources were bought out and consolidated and updated data was not available in time to include in the 2018 report. After much research, CDR has decided to purchase a one-year license of the D&B Hoovers marketing tool beginning in May 2019, which allows users to search by jurisdiction and by the number of employees on site. CDR will also cross-reference the D&B Hoovers data with CDR's master employment file for OCP-2018, which contains the D&B employers, the information from the 100+ employees on site phone surveys, and the government survey, to ensure that employers with multiple sites will have their employees totals combined.

By the end of May 2019, CDR will reach out via email to all 35 Orange County jurisdictions to verify their Top 5 Employers information using this new source and method. The top 5 major employers list factors in all sites within a jurisdiction and not just a single site location. Depending on the result of the compilation of different data sources, the citations will be flexible and reflect the input data. Jurisdictions will have one week to verify the data.

Action: Received report.

3. 2020 Census New Construction Program

The U.S. Census Bureau New Construction Program will help ensure the Census address list is as complete and accurate as possible by Census Day, April 1, 2020. The New Construction Program is the opportunity for you to submit city-style mailing addresses for new units where construction began during or after March 1, 2018 and the address was not submitted to the Census Bureau as part of another geographic partnership program since March 2018, such as the LUCA program (Local Update of Census Addressing). Addresses must have basic construction (closing the structure to the elements) completed by Census Day.

CDR is encouraging all jurisdictions to participate to ensure all finaled units are include in the Census count.

Action: Received report. Discussion

4. Update on Regional Policy Issues

Chair Poynter and Ms. Diep provided the OCCOG TAC with an update on the discussions held at the Southern California Association of Governments working group meetings, the Southern California Association of Governments Regional Conference, and the Southern California Association of Governments Regional Housing Needs Assessment Subcommittee meeting.

Action: Received report. Discussion

REPORT FROM CHAIR/VICE CHAIR

There was no additional report from the Chair or Vice Chair.

REPORT FROM THE EXECUTIVE DIRECTOR

There was no report from the Executive Director.

MATTERS FROM OCCOG TAC MEMBERS

There were no additional matters from OCCOG TAC members.

ANNOUNCEMENTS FROM OCCOG TAC NON-MEMBERS

There were no announcements from OCCOG TAC non-members.

ITEMS FOR NEXT MEETING

IMPORTANT DATES OR UPCOMING EVENTS

- May 14, 2019: Connect SoCal Public Workshop May 14, 2019: Connect SoCal Public Workshop – Aliso Viejo City Council Chambers (4:00 p.m. to 6:00 p.m.)
- May 16, 2019: Southern California Association of Governments (SCAG) Technical Working Group Meeting
- May 17, 2019: Connect SoCal Public Workshop – ARTIC (4:00 p.m. to 6:00 p.m.)
- May 23, 2019: Connect SoCal Public Workshop – OCTA (3:00 p.m. to 5:00 p.m.)
- May 23, 2019: Orange County Council of Governments Board of Directors Meeting
- June 3, 2019: Southern California Association of Governments (SCAG) Regional Housing Needs Assessment (RHNA) Subcommittee Meeting
- June 4, 2019: Orange County Council of Governments Technical Working Group Meeting
- June 6, 2019: Southern California Association of Governments Regional Council and Policy Committee Meetings

ADJOURNMENT

The meeting was adjourned by Chair Poynter until Tuesday, June 4, 2019 at the City of Irvine City Hall, Conference and Training Center, 1 Civic Center Plaza, Irvine, California 92623.

Submitted by:

_____
Marika Poynter, City of Irvine
OCCOG TAC Chair

Attendees List for May 7, 2019 Meeting

Marika Poynter, City of Irvine
Deborah Diep, Center for Demographic Research/California State University Fullerton
Melinda Whelan, City of Newport Beach
Ruby Zaman, Center for Demographic Research/California State University Fullerton
Nate Farnsworth, City of Yorba Linda
Derek Bingham, City of Rancho Santa Margarita
Larry Longenecker, City of Mission Viejo
Justin Arios, City of Costa Mesa
Katherine Moran, City of Laguna Niguel
Nick Zornes, City of Dana Point
Belinda Deines, City of Dana Point
Joanna Chang, County of Orange
Ron Santos, City of Lake Forest
Monique Alaniz-Flejter, City of Laguna Beach
Virginia Gomez, Transportation Corridor Agencies
Jay Wuu, City of Laguna Hills
Warren Whiteaker, Orange County Transportation Authority
Steven Giang, County of Orange
Ashley Brodkin, City of Orange
Melanie McCann, City of Santa Ana
Kori Sanders, City of Cypress
Marc Morley, City of Santa Ana
Christopher Wright, City of San Clemente
Maribeth Timo, City of Brea
Steven Mendoza, City of Santa Ana
Chris Schaefer, City of La Habra
Scott Reekstin, City of Tustin
Susan Kim, City of Anaheim
Colin Drukker, PlaceWorks

Item 2: **Center for Demographic Research (CDR) Updates**
Recommended Action: Discussion.

Reports

1. **January 1- June 30, 2019 Housing Inventory System (HIS) Data Collection**
   Data verification forms for the January 1- December 31, 2018 housing construction and demolition data are due on **Friday May 10, 2019**.
   The following cities have not provided HIS data for part of 2018:
   - Seal Beach
   - Westminster

   January 1- June 30, 2019 housing construction and demolition data will be due to CDR on Friday, July 26, 2019. HIS submission forms were updated in 2017 and now include the revised categories for the Accessory Dwelling Units. Please submit data to CDR using the 2017 HIS form located at http://www.fullerton.edu/cdr/HISform.xls . Revisions to prior years may use either the new or old form. CDR's Demographic Analyst and HIS contact is Tania Torres. She can be reached at 657-278-3417 or tatorres@fullerton.edu.

   CDR's Demographic Analyst and HIS contact is Tania Torres. She can be reached at 657-278-3417 or tatorres@fullerton.edu .

   Amendments to DOF data should be submitted to Doug Kuczynski at Douglas.Kuczynski@dof.ca.gov; (916) 323-4086.

2. **2020 Census PSAP**
   The 2020 Census Participant Statistical Areas Program (PSAP) allowed invited participants to review and update selected statistical area boundaries for 2020 Census data tabulation following U.S. Census Bureau guidelines and criteria. Standard statistical geographies updated in this program include:
   - Census tracts
   - Block groups
   - Census designated places (CDPs)
   - Census county divisions (CCDs), in selected states

   CDR submitted the proposed changes to the census tracts, block groups, and CDPs by the program deadline, May 24, 2019.

   Changes provided through the PSAP to the Census Bureau are recommendations only and the Census Bureau will assess each proposed change, or retention of existing boundaries, and has the final decision-making authority for the geographic boundaries.

   CDR will keep the TAC updated on the status of the 2020 Census geographies as available.

3. **2020 Census New Construction Program**
   The U.S. Census Bureau New Construction Program will help ensure the Census address list is as complete and accurate as possible by Census Day, April 1, 2020. The New Construction Program is the opportunity for you to submit city-style mailing addresses for new units where construction began during or after March 1, 2018 and the address was not submitted to the Census Bureau as part of another geographic partnership program since March 2018, such as the LUCA program (Local Update

of Census Addressing). Addresses must have basic construction (closing the structure to the elements) completed by Census Day.

Attached are the New Construction Program flyer and a FAQ document. CDR is encouraging all jurisdictions to participate to ensure all finaled units are included in the census count. If any jurisdiction would like their housing construction activity from HIS sent to them, please contact Tania Torres.

https://www.census.gov/programs-surveys/decennial-census/about/new-construction.html

CDR requests that any units and addresses reported in the Census Bureau's New Construction Program also be report to CDR so we can eliminate double counting when it comes to HIS.

4. **Orange County Progress Report – Top 5 Employers Update**
For the 2019 Orange County Progress Report, CDR is using a new source for the Top 5 Employers by Jurisdiction. The item was removed from the 2018 OCPR after previous sources were bought out and consolidated and updated data was not available in time to include in the 2018 report. After much research, CDR decided to purchase a one-year license of the D&B Hoovers marketing tool beginning in May 2019, which allows users to search by jurisdiction and by the number of employees on site. CDR will also cross-reference the D&B Hoovers data with CDR's master employment file for OCP-2018, which contains the D&B employers, the information from the 100+ employees on site phone surveys, and the government survey, to ensure that employers with multiple sites will have their employee totals combined.

   In mid-May 2019, CDR reached out via email to all 35 Orange County jurisdictions to verify their Top 5 Employers information using this new source and method. The top 5 major employers list factors in all sites within a jurisdiction and not just a single site location. Feedback from jurisdictions was requested by May 31, 2019. Depending on the result of the compilation of different data sources, the citations will be flexible and reflect the input data. Jurisdictions may also provide substitute data to CDR if they have a top employer list available. CDR will continue to work with jurisdictions through mid-June before publication of the Progress Report.

Contact:	Ms. Deborah Diep, Director, Center for Demographic Research 657/278-4596 ddiep@fullerton.edu
For Employment data:	Ms. Ruby Zaman, Assistant Director, CDR 657/278-4709 ruzaman@fullerton.edu
For GIS:	Mr. Ian Boles, GIS Analyst, CDR 657/278-4670 iboles@fullerton.edu
For HIS:	Ms. Tania Torres, Demographic Analyst, CDR 657/278-3417 tatorres@fullerton.edu

SCAG/Orange County Data & Aerial Consortium

(Part of the SCAG Region Aerial Acquisition project)

Project Overview

Through the SCAG GIS Services Program and SCAG Future Communities Initiative, SCAG is working to build a consortium in Orange County with local jurisdictions and partner agencies to procure and share orthogonal, obliques, building footprints, LiDAR and digital terrain imagery. Cycle 1 would have imagery flights completed to serve as a benchmark for the 2020 Decennial Census and RTP 2024 base year. Envisioned as a 10-year program with five two-year cycles, this data collaborative between Orange County and SCAG is part of a broader, region-wide effort SCAG is undertaking.

As part of the project, SCAG staff will manage the project, assist to secure funds, host a consortium website, and coordinate activities with agency technical staff. Currently, SCAG is working with staff from the County of Orange, Orange County cities, water districts, non-profits, special districts and other potential partners to secure needed funds for the project. Meetings have been held around Orange County to discuss the project. Contact Javier Aguilar, SCAG at aguilar@scag.ca.gov to be included on the email distribution list regarding the project and future meetings.

Objectives

1. Obtain high accuracy aerial imagery (and related products) to support local agencies' needs, such as land use and asset monitoring, pre-engineering design, and geospatial analyses.
2. Unify imagery acquisition to improve communication among Orange County agencies and SCAG.
3. Eliminate duplicate imagery acquisitions for many agencies and leverage economies of scale to obtain more and better products.
4. Save taxpayer money and increase efficiency through collaboration.
5. Integrate aerial imagery and related products with the SCAG land use database and other geographic information system (GIS) layers.

DRAFT

What's Included in Cycle 1?

- Aerial imagery flown in late spring/early summer 2020
  - 3" aerial/ortho imagery with infrared for all Orange County plus 5-mile land buffer (tif, ecw…)
  - Obliques/45-degree angle aerial imagery
  - Building Footprints
  - Contours
  - LiDAR (Light Detection and Ranging)— a remote sensing method used to examine the surface of the Earth
- Ability to download and retain local copies of above data to use in GIS and/or CAD systems software
- Vendor-hosted online software application for unlimited non-GIS users to view data listed above and perform data analysis
- Training for all participants
- One price for two years' worth of access

Timeline

- Ongoing - Outreach to OC agencies for participation
- SCAG RFP & vendor selection in spring/summer 2019
- Imagery flights in late spring/early summer 2020
- Training and outreach on product beginning in summer 2020 & ongoing throughout Cycle 1
- Products available in late 2020
- Billing for Cycle 1 in late summer 2020

FAQs

- An agency can sign up for one cycle at a time; this is not a 10-year commitment.
- If an agency needs to drop out in future cycles, they will still have access to their original cycle's data.
- Even if you only want some of the products, there is a minimum base fee on the pricing that covers the online software/user-interface and aerial images; no city will pay less than the $4,600 base fee.
- Recognizing agencies may currently be in multi-year contracts, this information can be used for future budgeting and procurement.
- Cycles run for two fiscal years:
  - Cycle 1: July 2020-June 2022
  - Cycle 2: July 2022-June 2024
  - Cycle 3: July 2024-June 2026
  - Cycle 4: July 2026-June 2028
  - Cycle 5: July 2028-June 2030
- Aerials & obliques will be flown every two years
- Building footprints for Cycles 2-5 will consist of new construction post 2020.
- LiDAR- about every 5-6 years (TBD)

Contact: Javier Aguilar, MUP, GISP; Phone: (213) 236-1845 E-mail**:** aguilar@scag.ca.gov

900 Wilshire Boulevard, Suite 1700, Los Angeles, CA 90017 www.scag.ca.gov

SCAG/Orange County Data & Aerial Consortium

(Part of the SCAG Region Aerial Acquisition project)

Project Cost: $825,000

Committed Regional Agencies	$550,000
OCFA	$80,000
SAWPA	$60,000
SCAG	$200,000
MWDOC	$50,000
USGS	$60,000
County of Orange (OCPW)	$100,000

DRAFT

Balance to be made up by cities:	$275,000	$275,000	$275,000	$275,000	$275,000	

Note: For illustiative purposes, all cities listed in various scenarios pay based on area share of those cities "participating"; minimum base fee of $4,600. Estimated costs are 1 fee for two-year period. Costs will drop if additional regional agencies join.

Scenario			1	2	3	4	5	6
			Everyone in	Smallest cities	8 Random v1	8 Random v2	8 Random v3	8 Random v4
City	Estimated Range: Low	Estimated Range: High	All cities participate	11 smallest cities plus Yorba Linda	25% (8) random (every 4th) cities participate	25% (8) random (every 4th) cities v2	25% (8) random (every 4th) cities v3	25% (8) random (every 4th) cities v4
Aliso Viejo	$4,600	$27,445	$4,600	$27,445				$19,813
Anaheim	$24,092	$94,845	$24,092				$94,845	
Brea	$5,839	$29,669	$5,839			$29,669		
Buena Park	$5,085	$22,472	$5,085		$22,472			
Costa Mesa	$7,565	$41,510	$7,565					$41,510
Cypress	$4,600	$24,175	$4,600	$24,175			$12,522	
Dana Point	$4,600	$23,881	$4,600	$23,881		$15,964		
Fountain Valley	$4,600	$19,268	$4,600		$19,268			
Fullerton	$10,804	$59,281	$10,804					$59,281
Garden Grove	$8,672	$34,140	$8,672				$34,140	
Huntington Beach	$12,931	$65,698	$12,931			$65,698		
Irvine	$31,957	$141,217	$31,957		$141,217			
Laguna Beach	$4,600	$23,474	$4,600					$23,474
Laguna Hills	$4,600	$24,506	$4,600	$24,506			$12,693	
Laguna Niguel	$7,169	$36,423	$7,169			$36,423		
Laguna Woods	$4,600	$11,463	$4,600	$11,463	$6,665			
La Habra	$4,600	$27,077	$4,600	$27,077				$19,548
Lake Forest	$8,614	$33,911	$8,614				$33,911	
La Palma	$4,600	$6,650	$4,600	$6,650		$4,600		
Los Alamitos	$4,600	$14,880	$4,600	$14,880	$8,651			
Mission Viejo	$8,575	$47,053	$8,575					$47,053
Newport Beach	$11,505	$45,291	$11,505				$45,291	
Orange	$11,988	$60,909	$11,988			$60,909		
Placentia	$4,600	$24,138	$4,600	$24,138	$14,034			
Rancho Santa Margarita	$6,265	$34,375	$6,265					$34,375
San Clemente	$9,044	$35,605	$9,044				$35,605	
San Juan Capistrano	$6,826	$34,679	$6,826			$34,679		
Santa Ana	$13,182	$58,251	$13,182		$58,251			
Seal Beach	$5,458	$29,946	$5,458					$29,946
Stanton	$4,600	$11,573	$4,600	$11,573			$5,994	
Tustin	$5,356	$27,213	$5,356			$27,213		
Villa Park	$4,600	$7,642	$4,600	$7,642	$4,600			
Westminster	$4,858	$4,858	$4,858					
Yorba Linda	$9,417	$71,570	$9,417	$71,570				
City total			*$275,002*	*$275,000*	*$275,158*	*$275,155*	*$275,001*	*$275,000*
Surplus			$2	$0	$158	$155	$1	$0

Ranges are based on variety of participation levels for cities.

Cost for cities will decrease towards low range if more county-wide agencies and/or additional cities join the consortium.

With unlimited user access, all departments within an agency can utilize the information to address their unique needs. This can be done on mobile devices or at their workstation instead of having to go out into the field.

Some example uses are:

- Reference/point-in-time snapshots
- Planning: Measuring height of buildings or setbacks
- Public Works: distance between manhole openings, curb-to-curb
- Fire: Counting number of floors in a building; locating fire hydrants
- Police: assessing access points on a building
- Sidewalk analyses
- Tree canopy coverage
- Vegetation coverage

Contact: Javier Aguilar, MUP, GISP; Phone: (213) 236-1845 E-mail**:** aguilar@scag.ca.gov

900 Wilshire Boulevard, Suite 1700, Los Angeles, CA 90017 www.scag.ca.gov

Rev. 4/30/2019

Item 3: **Regional Housing Needs Assessment (RHNA) Primer**
Recommended Action: Discussion.

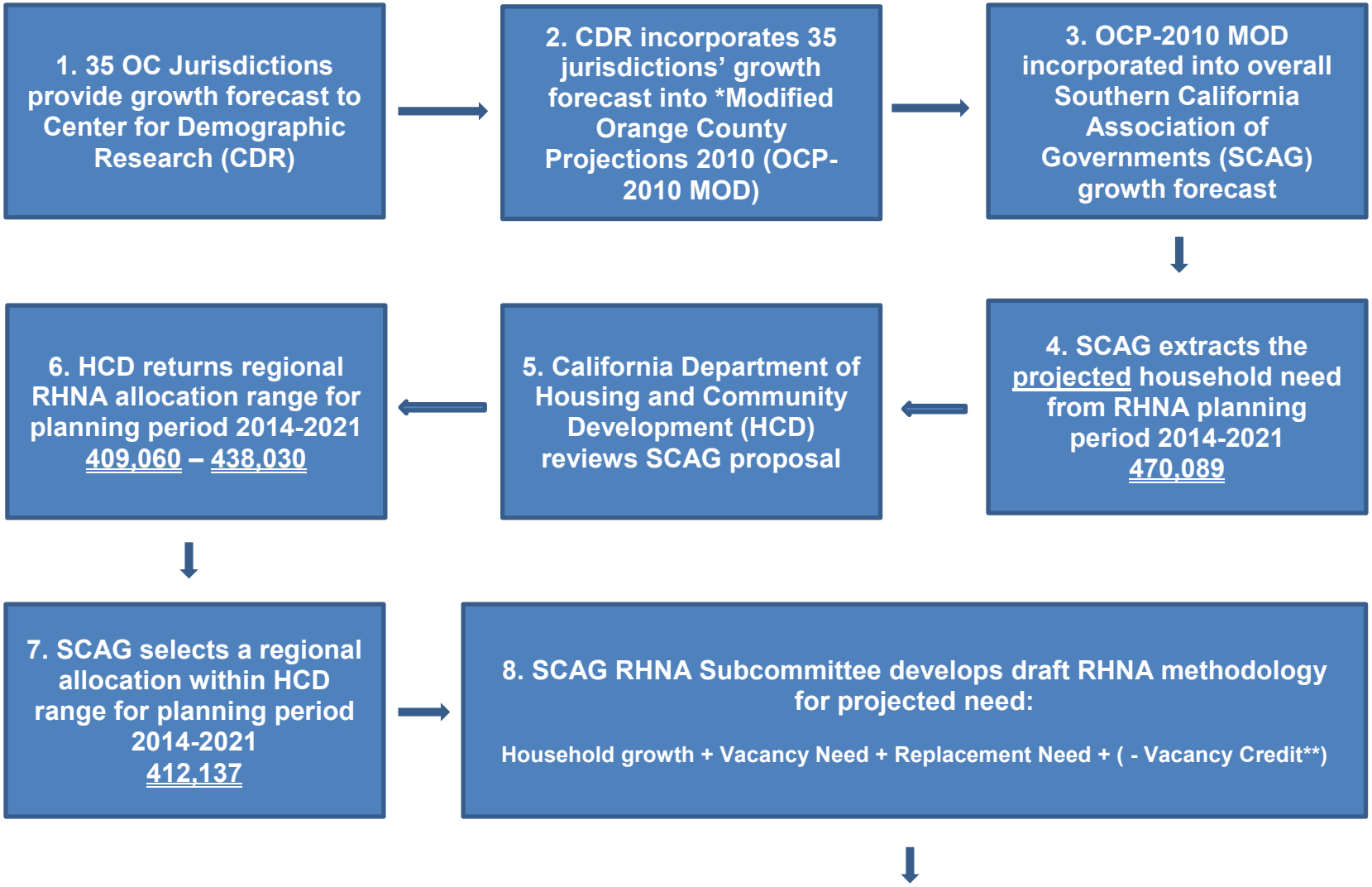
Report

On Thursday May 30, 2019, the Orange County Council of Governments (OCCOG) offered a Regional Housing Needs Assessment (RHNA) Primer for Orange County elected officials. The same primer is being offered to members of the OCCOG Technical Advisory Committee (TAC). Chair Marika Poynter and Ms. Deborah Diep, Center for Demographic Research, will present the most up-to-date information on the RHNA methodology process. This will include an overview of the proposed approach to addressing the "existing need" or "backlog need" and the projected housing need. The Southern California Association of Governments (SCAG) Regional Housing Needs Assessment Subcommittee (RHNA) Subcommittee will review and recommend approval by the Community, Economic and Human Development (CEHD) Committee of the SCAGs RHNA Consultation Package to the State Department of Housing and Community Development (HCD). A link to the McKinsey Report is included in the list of attachments below.

Attachments:
1. RHNA 5th Cycle Flow Chart
2. RHNA 6th Cycle Flow Chart
3. SCAG 5th Cycle RHNA x place
4. RHNA Existing Plus Projected
5. Housing Shortage Document
6. SCAG County x Median Income Categories
7. McKinsey Report
https://www.mckinsey.com/~/media/McKinsey/Featured%20Insights/Urbanization/Closing%20Californias%20housing%20gap/Closing-Californias-housing-gap-Full-report.ashx

Contact: Chair Marika A. Poynter
949/724-6456, mpoynter@cityofirvine.org

Regional Housing Needs Assessment 5th Cycle
Adopted October 2012
RHNA Planning Period 10/15/2013 – 10/15/2021 ---- Projection Period 1/1/2014-10/15/2021



*OCP-2010 was modified to include the 2010 Census information.
**Vacancy credit was unique to 5th RHNA cycle due to high vacancy rates resulting from the Great Recession.

Regional Housing Needs Assessment 5th Cycle
Adopted October 2012
RHNA Planning Period 10/15/2013 – 10/15/2021 ---- Projection Period 1/1/2014-10/15/2021

9. SCAG determines City/County Allocation utilizing draft methodology:

Household growth + Vacancy Need + Replacement Need + (- Vacancy Credit)

Example: Cypress 295 + 7 + 6 + (0) = 308

Example: Tustin 1,219 + 36 + 127 + (-155) = 1,227

10. SCAG distributes RHNA Jurisdictional Total at Income Levels Using 110% Social Equity Adjustment:

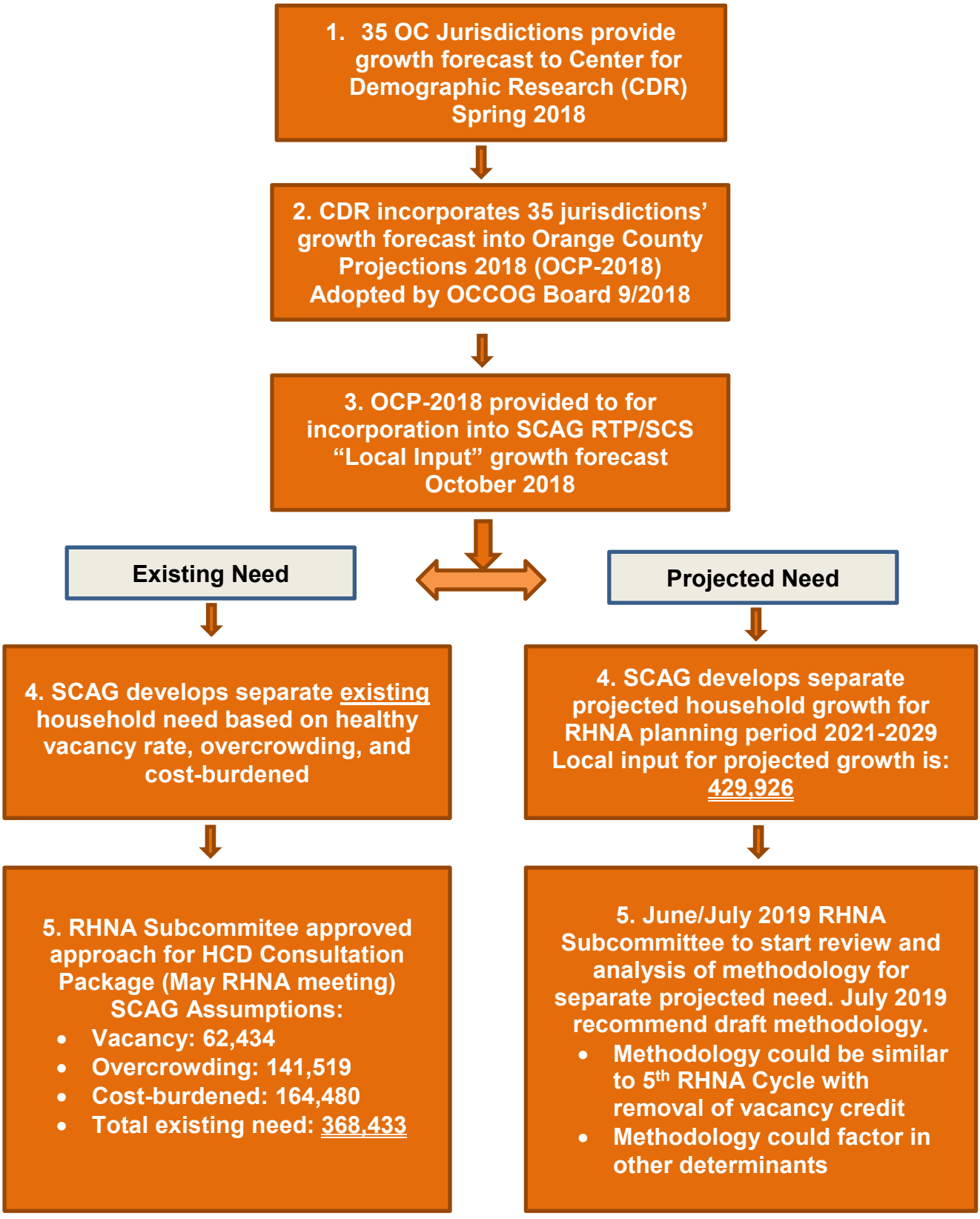
Number of Housing Units by Income Category (examples)		
	Cypress	Tustin
Very Low	71	283
Low	50	195
Moderate	56	224
Above Moderate/ "Market"	131	525
Total RHNA Allocation	308	1,227

11. SCAG appeal process (June – August 2012)

12. Approval of Final RHNA by Regional Council (October 2012)

*OCP-2010 was modified to include the 2010 Census information.
**Vacancy credit was unique to 5th RHNA cycle due to high vacancy rates resulting from the Great Recession.

Regional Housing Needs Assessment 6th Cycle DRAFT
Adoption Goal: October 2020
Planning Period: ?/?/2021-?/?/2029 -- Projection Period est. 7/1/2021-10/1/2029



DRAFT

Existing Need

6. Community, Economic and Human Development Policy Committee and Regional Council to approve HCD Consultation Package (June 2019)

7. RHNA Subcommittee to determine methodology on how to distribute existing need to 197 jurisdictions.
SCAG staff is recommending "equitable distribution" of existing need using "70/30" shares based on the following:

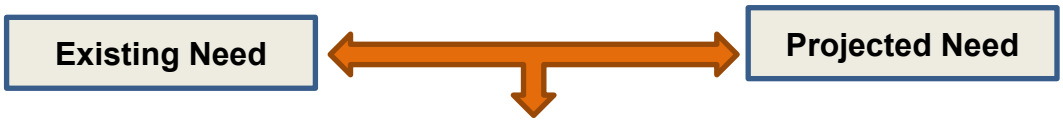
- **Assign 70% (257,903) of regional existing need (368,433) to jurisdictions based on their share of the regional population: Jurisdiction of ~100,000 pop would get 1,329 housing units**
- **Assign 30% (110,530) of existing need (368,433) to jurisdictions based on their share of regional population within a regional High Quality Transit Area (HQTA): not yet available**

8. DRAFT Estimate using SCAG's approach for existing need:

- **70% - Example: Huntington Beach population 1.06% of region's population: 2,743**
- **30% - Example: RSM population share in HQTA: unknown**

Projected Need

DRAFT



9. August 2019
HCD provides SCAG with regional RHNA allocation
a. HCD will give SCAG total allocation by income category
b. HCD will identify separate and additive existing and projected need

10. August/September 2019
Public Hearings on Draft Methodology

11. October 2019
DRAFT RHNA methodology forwarded to HCD; HCD has 60 days to review methodology

12. January 2020
SCAG determines each jurisdiction's allocation utilizing DRAFT methodology:

Existing Need + Projected Need = Total Need

13. February 2020
SCAG distributes RHNA jurisdictional total at income levels using social equity adjustment (currently proposed 150%)

14. July 2020
RHNA Appeals

15. October 2020
Final Approval of RHNA (Regional Council)

SCAG Region 5th Cycle RHNA

		SCAG 2012 RHNA																	
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
		2012 RHNA original shares				2012 FINAL RHNA (contains 110% adjustment)[1]					2012 Draft RHNA Components**				2012 RHNA Allocation (Number of Households)				
County	**Place**	**% very low income households**	**% low income HHs**	**% moderate income HHs**	**% above moderate income HHs**	**% very low income households**	**% low income HHs**	**% moderate income HHs**	**% above moderate income HHs**	**% total**	**Household Growth (2014-2021)**	**Base Vacancy Needs**	**Total Replacement Needs**	**Vacancy Credit*** **	**Number of very low income HHs**	**Number of low income HHs**	**Number of moderate income HHs**	**above moderate income HHs**	**Total*** **
	Imperial	25.2%	15.8%	15.5%	43.5%	25.2%	15.8%	15.5%	43.5%	100.0%	17,428	479	49	1,404	4,194	2,553	2,546	7,258	16,551
	Los Angeles	25.3%	15.6%	16.8%	42.3%	25.3%	15.6%	16.8%	42.3%	100.0%	200,572	6,131	1,268	28,297	45,672	27,469	30,043	76,697	179,881
	Orange	22.9%	16.8%	18.5%	41.8%	22.9%	16.8%	18.5%	41.8%	100.0%	41,530	1,143	414	6,150	8,734	6,246	6,971	16,015	37,966
	Riverside	23.7%	16.5%	18.3%	41.5%	23.7%	16.5%	18.3%	41.5%	100.0%	120,308	2,948	175	22,059	24,117	16,319	18,459	42,479	101,374
	San Bernardino	23.3%	16.6%	18.4%	41.7%	23.3%	16.6%	18.4%	41.7%	100.0%	70,623	1,890	469	16,833	13,399	9,265	10,490	24,053	57,207
	Ventura	23.5%	16.5%	18.6%	41.4%	23.5%	16.5%	18.6%	41.4%	100.0%	19,628	523	41	647	4,516	3,095	3,544	8,003	19,158
	SCAG	24.4%	16.1%	17.5%	42.0%	24.3%	16.2%	17.6%	41.9%	100.0%	470,089	13,113	2,416	75,390	100,632	64,947	72,053	174,505	412,137
Imperial	Brawley city	28.6%	15.2%	15.7%	40.4%	24.9%	15.9%	15.4%	43.8%	100%	3,080	90	4	141	760	470	466	1,338	3,034
Imperial	Calexico city	25.5%	18.5%	17.1%	38.9%	25.3%	15.5%	15.3%	43.9%	100%	3,139	91	8	13	817	489	490	1,428	3,224
Imperial	Calipatria city	19.6%	16.2%	14.9%	49.3%	25.9%	15.8%	15.5%	42.9%	100%	187	5	0	48	37	22	22	63	144
Imperial	El Centro city	26.1%	14.3%	14.8%	44.8%	25.2%	15.9%	15.5%	43.3%	100%	2,118	64	8	265	487	300	297	840	1,924
Imperial	Holtville city	23.0%	20.4%	16.3%	40.3%	25.5%	15.3%	15.4%	43.8%	100%	222	7	1	20	54	31	32	92	209
Imperial	Imperial city	12.7%	13.1%	14.7%	59.5%	26.5%	16.1%	15.5%	41.9%	100%	1,367	32	1	91	349	205	202	553	1,309
Imperial	Westmorland city	35.9%	18.7%	13.6%	31.8%	24.2%	15.5%	15.6%	44.6%	100%	230	7	3	8	57	35	36	105	233
Imperial	Unincorporated	26.6%	15.6%	14.7%	43.1%	25.1%	15.8%	15.5%	43.5%	100%	7,085	182	25	819	1,633	1,001	1,001	2,839	6,474
Los Angeles	Agoura Hills city	8.2%	6.1%	13.8%	71.9%	27.0%	16.6%	17.1%	39.4%	100%	113	2	0	0	31	19	20	45	115
Los Angeles	Alhambra city	24.1%	17.9%	18.6%	39.4%	25.4%	15.4%	16.6%	42.6%	100%	1,580	52	0	141	380	224	246	642	1,492
Los Angeles	Arcadia city	16.6%	10.1%	15.6%	57.7%	26.1%	16.2%	16.9%	40.8%	100%	1,141	30	0	117	276	167	177	434	1,054
Los Angeles	Artesia city	22.8%	20.6%	18.3%	38.3%	25.5%	15.1%	16.6%	42.8%	100%	112	3	5	0	31	18	20	51	120
Los Angeles	Avalon city	22.3%	22.1%	12.3%	43.2%	25.5%	15.0%	17.2%	42.3%	100%	149	6	3	79	20	12	14	34	80
Los Angeles	Azusa city	24.3%	16.6%	20.8%	38.3%	25.4%	15.5%	16.4%	42.7%	100%	868	25	6	120	198	118	127	336	779
Los Angeles	Baldwin Park city	24.4%	18.6%	22.4%	34.5%	25.3%	15.3%	16.2%	43.1%	100%	528	14	15	0	142	83	90	242	557
Los Angeles	Bell city	36.7%	19.8%	17.8%	25.7%	24.1%	15.2%	16.7%	44.0%	100%	40	1	6	0	11	7	8	21	47
Los Angeles	Bellflower city	24.7%	19.0%	19.3%	37.1%	25.3%	15.3%	16.5%	42.9%	100%	91	3	0	115	1	1	0	0	2
Los Angeles	Bell Gardens city	33.2%	22.2%	20.3%	24.3%	24.5%	15.0%	16.4%	44.1%	100%	33	1	12	0	11	7	8	20	46
Los Angeles	Beverly Hills city	18.3%	9.1%	14.0%	58.7%	26.0%	16.3%	17.1%	40.7%	100%	271	9	34	324	1	1	1	0	3
Los Angeles	Bradbury city	2.8%	0.7%	7.7%	88.7%	27.5%	17.1%	17.7%	37.7%	100%	7	0	1	7	1	1	0	0	2
Los Angeles	Burbank city	20.0%	14.4%	18.6%	47.1%	25.8%	15.8%	16.6%	41.9%	100%	2,767	88	62	234	694	413	443	1,134	2,684
Los Angeles	Calabasas city	10.8%	4.4%	9.5%	75.3%	26.7%	16.8%	17.5%	39.0%	100%	325	7	0	3	88	54	57	131	330
Los Angeles	Carson city	15.7%	13.4%	18.6%	52.3%	26.2%	15.9%	16.6%	41.3%	100%	1,662	36	0	0	447	263	280	708	1,698
Los Angeles	Cerritos city	12.6%	9.6%	14.2%	63.5%	26.5%	16.2%	17.0%	40.2%	100%	84	2	0	0	23	14	14	35	86
Los Angeles	Claremont city	16.0%	10.8%	13.0%	60.1%	26.2%	16.1%	17.1%	40.6%	100%	372	9	0	8	98	59	64	152	373
Los Angeles	Commerce city	27.3%	17.2%	25.5%	30.1%	25.1%	15.5%	15.9%	43.6%	100%	44	1	0	0	12	7	7	20	46
Los Angeles	Compton city	32.7%	19.7%	19.7%	28.0%	25.0%	25.0%	25.0%	25.0%	100%	11	0	4	302	1	1	0	0	2
Los Angeles	Covina city	17.9%	15.5%	18.1%	48.5%	26.0%	15.6%	16.6%	41.7%	100%	310	9	2	90	60	35	38	97	230
Los Angeles	Cudahy city	28.2%	24.6%	23.8%	23.4%	25.0%	14.7%	16.1%	44.2%	100%	303	12	3	0	80	46	51	141	318
Los Angeles	Culver City city	17.5%	12.4%	15.6%	54.5%	26.0%	16.0%	16.9%	41.1%	100%	180	5	0	0	48	29	31	77	185
Los Angeles	Diamond Bar city	9.5%	9.0%	18.0%	63.5%	26.8%	16.3%	16.7%	40.2%	100%	1,122	23	0	0	308	182	190	466	1,146
Los Angeles	Downey city	20.5%	17.5%	18.1%	43.8%	25.7%	15.4%	16.6%	42.2%	100%	854	25	19	84	210	123	135	346	814
Los Angeles	Duarte city	20.7%	12.1%	21.6%	45.6%	25.7%	16.0%	16.3%	42.0%	100%	329	8	0	0	87	53	55	142	337
Los Angeles	El Monte city	31.6%	21.5%	19.1%	27.9%	24.6%	15.0%	16.5%	43.8%	100%	2,069	67	34	28	529	315	352	946	2,142
Los Angeles	El Segundo city	13.0%	11.7%	11.4%	63.9%	26.5%	16.0%	17.3%	40.2%	100%	60	2	7	0	18	11	12	28	69
Los Angeles	Gardena city	30.7%	17.5%	18.1%	33.7%	24.7%	15.4%	16.6%	43.2%	100%	394	12	0	9	98	60	66	173	397
Los Angeles	Glendale city	27.0%	14.7%	16.6%	41.8%	25.1%	15.7%	16.8%	42.4%	100%	2,291	77	61	411	508	310	337	862	2,017
Los Angeles	Glendora city	14.0%	13.1%	16.1%	56.7%	26.4%	15.9%	16.8%	40.9%	100%	661	15	9	0	171	100	108	267	646
Los Angeles	Hawaiian Gardens	28.8%	19.3%	20.1%	31.8%	24.9%	15.3%	16.4%	43.4%	100%	124	4	3	2	32	19	21	57	129

Source: http://www.scag.ca.gov/Documents/5thCyclePFinalRHNAplan.pdf and 5th Cycle RHNA Technical Appendix

SCAG Region 5th Cycle RHNA

		SCAG 2012 RHNA																	
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
		2012 RHNA original shares				2012 FINAL RHNA (contains 110% adjustment)[1]					2012 Draft RHNA Components**				2012 RHNA Allocation (Number of Households)				
County	**Place**	**% very low income households**	**% low income HHs**	**% moderate income HHs**	**% above moderate income HHs**	**% very low income households**	**% low income HHs**	**% moderate income HHs**	**% above moderate income HHs**	**% total**	**Household Growth (2014-2021)**	**Base Vacancy Needs**	**Total Replacement Needs**	**Vacancy Credit*** **	**Number of very low income HHs**	**Number of low income HHs**	**Number of moderate income HHs**	**above moderate income HHs**	**Total*** **
Los Angeles	Hawthorne city	29.5%	20.3%	19.6%	30.5%	24.8%	15.2%	16.5%	43.5%	100%	711	26	0	55	170	101	112	300	683
Los Angeles	Hermosa Beach cit	10.0%	11.3%	10.2%	68.5%	26.8%	16.1%	17.4%	39.7%	100%	1	0	0	0	1	1	0	0	2
Los Angeles	Hidden Hills city	2.0%	1.7%	3.0%	93.3%	27.6%	17.0%	18.2%	37.2%	100%	18	0	3	2	5	3	3	7	18
Los Angeles	Huntington Park cit	36.9%	25.2%	17.0%	20.9%	24.1%	14.7%	16.7%	44.5%	100%	845	31	18	0	216	128	149	402	895
Los Angeles	Industry city	8.9%	17.9%	24.4%	48.8%	25.0%	25.0%	25.0%	25.0%	100%	0	0	0	0	0	0	0	0	0
Los Angeles	Inglewood city	32.3%	20.1%	18.4%	29.2%	24.5%	15.2%	16.6%	43.7%	100%	1,159	39	75	261	250	150	167	446	1,013
Los Angeles	Irwindale city	18.8%	13.7%	20.9%	46.6%	25.9%	15.8%	16.4%	41.9%	100%	15	0	1	1	4	2	2	7	15
Los Angeles	La Canada Flintridg	7.4%	6.7%	8.1%	77.7%	27.0%	16.5%	17.6%	38.8%	100%	110	2	0	0	30	18	20	44	112
Los Angeles	La Habra Heights c	9.9%	6.4%	9.3%	74.4%	26.8%	16.6%	17.5%	39.1%	100%	117	2	1	1	32	19	21	47	119
Los Angeles	Lakewood city	12.9%	11.6%	17.4%	58.1%	26.5%	16.0%	16.7%	40.8%	100%	425	10	0	32	107	63	67	166	403
Los Angeles	La Mirada city	15.6%	11.2%	14.0%	59.2%	26.2%	16.1%	17.0%	40.7%	100%	230	5	0	0	62	37	40	96	235
Los Angeles	Lancaster city	29.0%	15.4%	19.3%	36.3%	24.9%	15.7%	16.5%	42.9%	100%	3,980	107	33	1,610	627	384	413	1,086	2,510
Los Angeles	La Puente city	24.2%	20.7%	19.2%	35.9%	25.4%	15.1%	16.5%	43.0%	100%	942	25	0	0	208	121	135	354	818
Los Angeles	La Verne city	17.0%	10.8%	16.6%	55.6%	26.1%	16.1%	16.8%	41.0%	100%	585	13	3	39	147	88	94	233	562
Los Angeles	Lawndale city	28.1%	18.1%	20.9%	32.9%	25.0%	15.4%	16.4%	43.3%	100%	368	13	0	0	96	57	62	166	381
Los Angeles	Lomita city	20.1%	13.5%	16.5%	49.9%	25.8%	15.8%	16.8%	41.6%	100%	36	1	9	0	12	7	8	20	47
Los Angeles	Long Beach city	27.3%	16.9%	17.7%	38.2%	25.1%	15.5%	16.7%	42.8%	100%	9,487	309	0	2,748	1,773	1,066	1,170	3,039	7,048
Los Angeles	Los Angeles city	29.6%	16.6%	16.2%	37.6%	24.8%	15.5%	16.8%	42.8%	100%	95,023	3,186	0	16,207	20,427	12,435	13,728	35,412	82,002
Los Angeles	Lynwood city	29.0%	21.9%	19.7%	29.3%	24.9%	15.0%	16.5%	43.6%	100%	453	14	27	0	123	72	81	218	494
Los Angeles	Malibu city	13.7%	6.9%	10.0%	69.4%	26.4%	16.5%	17.4%	39.6%	100%	130	3	3	198	1	1	0	0	2
Los Angeles	Manhattan Beach c	8.7%	6.8%	9.5%	75.0%	26.9%	16.5%	17.5%	39.1%	100%	37	1	0	0	10	6	7	15	38
Los Angeles	Maywood city	34.5%	24.4%	17.7%	23.4%	24.3%	14.8%	16.7%	44.2%	100%	50	2	1	0	13	8	9	23	53
Los Angeles	Monrovia city	20.2%	12.6%	17.4%	49.8%	25.8%	15.9%	16.7%	41.6%	100%	388	12	14	25	101	61	65	162	389
Los Angeles	Montebello city	26.0%	16.8%	19.8%	37.4%	25.2%	15.5%	16.5%	42.8%	100%	1,031	32	3	0	269	161	175	461	1,066
Los Angeles	Monterey Park city	27.3%	16.8%	14.9%	40.9%	25.0%	15.5%	17.0%	42.5%	100%	755	21	41	2	205	123	137	350	815
Los Angeles	Norwalk city	19.5%	14.8%	21.4%	44.3%	25.8%	15.7%	16.3%	42.1%	100%	187	5	9	0	52	31	33	85	201
Los Angeles	Palmdale city	22.9%	16.5%	18.8%	41.7%	25.5%	15.5%	16.6%	42.4%	100%	6,432	158	0	1,139	1,395	827	898	2,332	5,452
Los Angeles	Palos Verdes Estat	4.9%	3.5%	9.0%	82.7%	27.3%	16.8%	17.6%	38.3%	100%	3	0	15	2	4	3	3	6	16
Los Angeles	Paramount city	30.6%	20.3%	22.2%	27.0%	24.7%	15.2%	16.2%	43.9%	100%	151	5	0	51	26	16	17	46	105
Los Angeles	Pasadena city	23.5%	12.9%	15.9%	47.7%	25.4%	15.9%	16.9%	41.8%	100%	2,051	65	29	812	340	207	224	561	1,332
Los Angeles	Pico Rivera city	23.5%	14.3%	18.3%	43.8%	25.4%	15.8%	16.6%	42.2%	100%	829	20	0	0	217	131	140	362	850
Los Angeles	Pomona city	25.3%	18.6%	20.3%	35.8%	25.2%	15.3%	16.4%	43.0%	100%	3,862	110	0	346	919	543	592	1,572	3,626
Los Angeles	Rancho Palos Verd	9.2%	6.5%	10.8%	73.6%	26.9%	16.5%	17.4%	39.2%	100%	30	1	0	0	8	5	5	13	31
Los Angeles	Redondo Beach cit	12.5%	8.3%	13.3%	65.9%	26.5%	16.4%	17.1%	40.0%	100%	1,293	38	121	56	372	223	238	564	1,397
Los Angeles	Rolling Hills city	5.2%	6.5%	6.7%	81.6%	27.3%	16.5%	17.8%	38.4%	100%	9	0	2	5	2	1	1	2	6
Los Angeles	Rolling Hills Estate	6.7%	5.8%	5.0%	82.4%	27.1%	16.6%	17.9%	38.3%	100%	14	0	2	11	1	1	1	2	5
Los Angeles	Rosemead city	24.9%	22.3%	19.4%	33.4%	25.3%	15.0%	16.5%	43.2%	100%	550	17	35	0	153	88	99	262	602
Los Angeles	San Dimas city	16.5%	12.6%	16.6%	54.4%	26.1%	15.9%	16.8%	41.1%	100%	457	11	4	9	121	72	77	193	463
Los Angeles	San Fernando city	25.1%	19.0%	23.2%	32.8%	25.3%	15.3%	16.1%	43.3%	100%	221	6	5	15	55	32	35	95	217
Los Angeles	San Gabriel city	24.6%	15.6%	18.4%	41.3%	25.3%	15.6%	16.6%	42.4%	100%	958	29	0	57	236	142	154	398	930
Los Angeles	San Marino city	7.9%	6.3%	4.2%	81.6%	27.0%	16.6%	18.0%	38.4%	100%	2	0	0	0	1	1	0	0	2
Los Angeles	Santa Clarita city	13.5%	10.0%	14.2%	62.3%	26.4%	16.2%	17.0%	40.3%	100%	8,338	197	2	216	2,208	1,315	1,410	3,389	8,322
Los Angeles	Santa Fe Springs c	25.7%	14.3%	19.5%	40.5%	25.2%	15.8%	16.5%	42.5%	100%	350	9	0	35	82	50	53	139	324
Los Angeles	Santa Monica city	23.1%	11.1%	14.7%	51.0%	25.5%	16.1%	17.0%	41.5%	100%	1,745	64	83	218	428	263	283	700	1,674
Los Angeles	Sierra Madre city	14.9%	8.7%	13.6%	62.8%	26.3%	16.3%	17.1%	40.3%	100%	60	2	0	7	14	9	9	23	55
Los Angeles	Signal Hill city	16.9%	10.2%	19.0%	53.8%	26.1%	16.2%	16.5%	41.2%	100%	197	6	0	34	44	27	28	70	169

Source: http://www.scag.ca.gov/Documents/5thCyclePFinalRHNAplan.pdf and 5th Cycle RHNA Technical Appendix

SCAG Region 5th Cycle RHNA

		SCAG 2012 RHNA																	
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
		2012 RHNA original shares				2012 FINAL RHNA (contains 110% adjustment)[1]					2012 Draft RHNA Components**				2012 RHNA Allocation (Number of Households)				
County	**Place**	**% very low income households**	**% low income HHs**	**% moderate income HHs**	**% above moderate income HHs**	**% very low income households**	**% low income HHs**	**% moderate income HHs**	**% above moderate income HHs**	**% total**	**Household Growth (2014-2021)**	**Base Vacancy Needs**	**Total Replacement Needs**	**Vacancy Credit*** **	**Number of very low income HHs**	**Number of low income HHs**	**Number of moderate income HHs**	**above moderate income HHs**	**Total*** **
Los Angeles	South El Monte city	29.7%	23.4%	20.3%	26.6%	24.8%	14.9%	16.4%	43.9%	100%	162	5	6	0	43	25	28	76	172
Los Angeles	South Gate city	29.7%	21.4%	21.1%	27.8%	24.8%	15.1%	16.3%	43.8%	100%	1,172	37	53	0	314	185	205	558	1,262
Los Angeles	South Pasadena ci	16.9%	9.9%	14.8%	58.5%	26.1%	16.2%	17.0%	40.7%	100%	130	4	3	74	17	10	11	25	63
Los Angeles	Temple City city	15.4%	13.9%	19.4%	51.2%	26.2%	15.8%	16.5%	41.5%	100%	531	14	61	2	159	93	99	252	603
Los Angeles	Torrance city	16.4%	11.8%	16.3%	55.5%	26.1%	16.0%	16.8%	41.0%	100%	1,416	40	38	43	380	227	243	600	1,450
Los Angeles	Vernon city	21.7%	8.7%	4.3%	65.2%	0.0%	0.0%	0.0%	0.0%	0%	0	0	0	0	1	1	0	0	2
Los Angeles	Walnut city	8.4%	9.1%	13.2%	69.3%	26.9%	16.3%	17.1%	39.6%	100%	892	17	0	0	246	144	155	363	908
Los Angeles	West Covina city	17.9%	13.5%	17.9%	50.8%	26.0%	15.8%	16.7%	41.5%	100%	806	20	5	0	217	129	138	347	831
Los Angeles	West Hollywood cit	29.7%	15.4%	15.9%	38.9%	24.8%	15.7%	16.9%	42.7%	100%	408	16	0	347	19	12	13	33	77
Los Angeles	Westlake Village ci	7.6%	9.3%	9.7%	73.5%	27.0%	16.3%	17.5%	39.2%	100%	44	1	0	0	12	7	8	18	45
Los Angeles	Whittier city	18.8%	14.2%	17.6%	49.5%	25.9%	15.8%	16.7%	41.6%	100%	911	25	3	60	228	135	146	369	878
Los Angeles	Unincorporated	cumulative data not available				25.6%	15.6%	16.8%	42.0%	100%	30,574	804	269	1,503	7,854	4,650	5,060	12,581	30,145
Orange	Aliso Viejo city	10.6%	13.7%	20.7%	55.1%	23.9%	17.0%	18.2%	40.9%	100%	38	1	0	0	9	7	7	16	39
Orange	Anaheim city	30.4%	20.4%	19.5%	29.6%	21.9%	16.3%	18.3%	43.5%	100%	6,877	209	0	1,385	1,256	907	1,038	2,501	5,702
Orange	Brea city	20.2%	14.8%	21.0%	44.1%	22.9%	16.9%	18.2%	42.0%	100%	1,826	47	4	26	426	305	335	785	1,851
Orange	Buena Park city	25.6%	22.1%	19.6%	32.6%	22.4%	16.1%	18.3%	43.2%	100%	349	10	7	27	76	53	62	148	339
Orange	Costa Mesa city	25.1%	21.6%	20.3%	33.0%	24.8%	24.8%	25.0%	25.4%	100%	174	6	24	312	1	1	0	0	2
Orange	Cypress city	18.8%	15.8%	20.6%	44.8%	23.1%	16.8%	18.2%	42.0%	100%	295	7	6	0	71	50	56	131	308
Orange	Dana Point city	19.5%	17.5%	16.3%	46.7%	23.0%	16.6%	18.6%	41.8%	100%	474	13	17	178	76	53	61	137	327
Orange	Fountain Valley city	18.7%	14.7%	20.8%	45.8%	23.1%	16.9%	18.2%	41.9%	100%	350	8	0	0	83	59	65	151	358
Orange	Fullerton city	27.5%	16.9%	19.0%	36.6%	22.2%	16.6%	18.4%	42.8%	100%	2,163	62	32	416	411	299	337	794	1,841
Orange	Garden Grove city	30.4%	19.0%	20.5%	30.1%	21.9%	16.4%	18.2%	43.5%	100%	715	20	12	0	164	120	135	328	747
Orange	Huntington Beach c	19.5%	16.5%	18.1%	45.9%	23.0%	16.7%	18.4%	41.9%	100%	1,478	40	11	175	313	220	248	572	1,353
Orange	Irvine city	18.8%	11.9%	17.4%	52.0%	23.1%	17.1%	18.5%	41.3%	100%	12,686	380	0	918	2,817	2,034	2,239	5,059	12,149
Orange	Laguna Beach city	19.6%	11.8%	14.8%	53.8%	24.8%	24.8%	25.0%	25.4%	100%	32	1	1	172	1	1	0	0	2
Orange	Laguna Hills city	18.1%	12.5%	18.2%	51.2%	24.8%	24.8%	25.0%	25.4%	100%	124	3	0	166	1	1	0	0	2
Orange	Laguna Niguel city	15.8%	12.1%	17.8%	54.3%	23.4%	17.1%	18.5%	41.0%	100%	158	4	21	0	43	30	34	75	182
Orange	Laguna Woods city	52.0%	22.0%	11.4%	14.6%	24.8%	24.8%	25.0%	25.4%	100%	129	3	0	443	1	1	0	0	2
Orange	La Habra city	25.5%	22.1%	21.2%	31.3%	22.4%	16.1%	18.1%	43.3%	100%	135	4	0	135	1	1	1	1	4
Orange	Lake Forest city	13.3%	14.4%	19.4%	52.8%	23.6%	16.9%	18.3%	41.2%	100%	2,663	63	0	0	647	450	497	1,133	2,727
Orange	La Palma city	17.2%	15.4%	19.6%	47.8%	23.2%	16.8%	18.3%	41.7%	100%	9	0	0	0	2	2	2	3	9
Orange	Los Alamitos city	23.2%	12.8%	25.1%	38.9%	22.6%	17.1%	17.7%	42.6%	100%	55	2	4	0	14	10	11	26	61
Orange	Mission Viejo city	15.6%	14.2%	17.7%	52.4%	23.4%	16.9%	18.5%	41.2%	100%	173	4	0	0	42	29	33	73	177
Orange	Newport Beach city	16.6%	11.5%	12.9%	59.0%	23.3%	17.2%	19.0%	40.6%	100%	533	15	0	608	1	1	1	2	5
Orange	Orange city	21.1%	17.5%	18.5%	43.0%	22.8%	16.6%	18.4%	42.2%	100%	394	11	7	49	83	59	66	155	363
Orange	Placentia city	23.5%	14.2%	19.2%	43.1%	22.6%	16.9%	18.3%	42.2%	100%	479	12	1	0	112	81	90	209	492
Orange	Rancho Santa Mar	10.5%	14.0%	18.3%	57.2%	23.9%	16.9%	18.4%	40.7%	100%	12	0	1	31	1	1	0	0	2
Orange	San Clemente city	19.5%	15.5%	15.5%	49.5%	23.0%	16.8%	18.7%	41.5%	100%	662	17	4	101	134	95	108	244	581
Orange	San Juan Capistran	20.4%	16.0%	13.8%	49.8%	22.9%	16.7%	18.9%	41.5%	100%	625	14	0	2	147	104	120	267	638
Orange	Santa Ana city	31.5%	22.5%	21.2%	24.8%	21.8%	16.1%	18.1%	44.0%	100%	503	15	25	339	45	32	37	90	204
Orange	Seal Beach city	39.8%	15.8%	13.9%	30.4%	24.8%	24.8%	25.0%	25.4%	100%	19	0	10	186	1	1	0	0	2
Orange	Stanton city	32.0%	22.4%	21.3%	24.3%	21.8%	16.1%	18.1%	44.0%	100%	329	10	2	28	68	49	56	140	313
Orange	Tustin city	20.0%	20.6%	19.6%	39.9%	22.9%	16.3%	18.3%	42.5%	100%	1,219	36	127	155	283	195	224	525	1,227
Orange	Villa Park city	4.9%	10.5%	10.9%	73.8%	24.5%	17.3%	19.2%	39.1%	100%	14	0	0	0	3	2	3	6	14
Orange	Westminster city	31.7%	18.4%	19.9%	30.0%	24.8%	24.8%	25.0%	25.4%	100%	110	3	5	297	1	1	0	0	2
Orange	Yorba Linda city	11.5%	10.7%	14.1%	63.6%	23.8%	17.3%	18.9%	40.1%	100%	633	13	24	0	160	113	126	270	669
Orange	Unincorporated	15.3%	12.5%	16.0%	56.2%	23.4%	17.1%	18.7%	40.8%	100%	5,094	111	67	0	1,240	879	979	2,174	5,272

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SCAG Region 5th Cycle RHNA

		SCAG 2012 RHNA																	
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
		2012 RHNA original shares				2012 FINAL RHNA (contains 110% adjustment)[1]					2012 Draft RHNA Components**				2012 RHNA Allocation (Number of Households)				
County	**Place**	**% very low income households**	**% low income HHs**	**% moderate income HHs**	**% above moderate income HHs**	**% very low income households**	**% low income HHs**	**% moderate income HHs**	**% above moderate income HHs**	**% total**	**Household Growth (2014-2021)**	**Base Vacancy Needs**	**Total Replacement Needs**	**Vacancy Credit*** **	**Number of very low income HHs**	**Number of low income HHs**	**Number of moderate income HHs**	**above moderate income HHs**	**Total*** **
Riverside	Banning city	34.6%	22.7%	20.4%	22.3%	23.0%	16.0%	18.2%	42.8%	100%	4,120	101	8	437	872	593	685	1,642	3,792
Riverside	Beaumont city	23.1%	16.3%	16.5%	44.1%	24.2%	16.7%	18.5%	40.6%	100%	5,415	122	2	289	1,267	854	969	2,160	5,250
Riverside	Blythe city	37.3%	19.4%	14.5%	28.8%	22.7%	16.4%	18.7%	42.2%	100%	565	17	15	194	91	64	75	172	402
Riverside	Calimesa city	32.6%	15.3%	16.0%	36.0%	23.2%	16.8%	18.6%	41.4%	100%	2,439	51	1	150	543	383	433	982	2,341
Riverside	Canyon Lake city	11.8%	12.5%	12.6%	63.1%	25.3%	17.0%	18.9%	38.7%	100%	141	3	0	61	21	14	16	32	83
Riverside	Cathedral City city	30.0%	20.5%	17.4%	32.1%	23.5%	16.2%	18.4%	41.8%	100%	1,241	32	19	693	141	95	110	254	600
Riverside	Coachella city	34.7%	22.6%	22.1%	20.6%	23.0%	16.0%	18.0%	43.0%	100%	6,871	181	1	283	1,555	1,059	1,212	2,945	6,771
Riverside	Corona city	14.8%	12.5%	17.3%	55.5%	25.0%	17.0%	18.4%	39.5%	100%	1,081	27	5	343	192	128	142	308	770
Riverside	Desert Hot Springs	39.0%	21.6%	17.2%	22.1%	22.6%	16.1%	18.5%	42.8%	100%	4,944	151	3	903	946	661	772	1,817	4,196
Riverside	Eastvale city	new city				25.6%	17.1%	18.7%	38.6%	100%	1,578	32	0	147	374	250	274	565	1,463
Riverside	Hemet city	42.8%	20.2%	16.3%	20.7%	22.2%	16.3%	18.6%	43.0%	100%	2,797	74	0	2,267	134	96	112	262	604
Riverside	Indian Wells city	12.2%	9.6%	9.3%	68.9%	25.3%	17.3%	19.2%	38.2%	100%	291	6	1	138	40	27	31	62	160
Riverside	Indio city	28.5%	18.1%	18.2%	35.2%	23.6%	16.5%	18.4%	41.5%	100%	4,053	103	0	1,131	714	487	553	1,271	3,025
Riverside	Jurupa Valley city	new city				23.9%	16.1%	17.9%	42.1%	100%	1,975	49	0	313	409	275	307	721	1,712
Riverside	Lake Elsinore city	21.9%	16.4%	19.1%	42.7%	24.3%	16.7%	18.3%	40.8%	100%	5,211	131	11	424	1,196	801	897	2,035	4,929
Riverside	La Quinta city	14.5%	11.9%	20.2%	53.4%	25.0%	17.1%	18.2%	39.7%	100%	1,336	30	18	1,020	91	61	66	146	364
Riverside	Menifee city	26.2%	17.7%	18.4%	37.8%	23.9%	16.5%	18.3%	41.3%	100%	6,842	150	0	748	1,488	1,007	1,140	2,610	6,245
Riverside	Moreno Valley city	21.3%	17.9%	20.8%	39.9%	24.3%	16.5%	18.1%	41.1%	100%	7,114	182	15	1,142	1,500	993	1,112	2,564	6,169
Riverside	Murrieta city	13.5%	12.3%	17.1%	57.0%	25.1%	17.1%	18.5%	39.3%	100%	2,174	52	4	657	395	262	289	627	1,573
Riverside	Norco city	14.4%	12.8%	16.1%	56.7%	25.0%	17.0%	18.6%	39.4%	100%	809	17	4	12	205	136	151	326	818
Riverside	Palm Desert city	26.0%	17.6%	16.0%	40.4%	23.9%	16.5%	18.6%	41.0%	100%	1,960	50	0	1,596	98	67	76	172	413
Riverside	Palm Springs city	32.0%	20.4%	16.7%	30.9%	23.3%	16.3%	18.5%	42.0%	100%	2,010	55	8	1,802	63	43	50	116	272
Riverside	Perris city	24.9%	19.8%	23.7%	31.6%	24.0%	16.3%	17.8%	41.9%	100%	4,693	118	4	536	1,026	681	759	1,814	4,280
Riverside	Rancho Mirage city	22.1%	11.8%	15.3%	50.8%	24.3%	17.1%	18.6%	40.0%	100%	594	12	0	511	23	15	18	39	95
Riverside	Riverside city	22.7%	17.7%	19.5%	40.1%	24.2%	16.5%	18.2%	41.0%	100%	9,534	270	35	1,556	2,002	1,336	1,503	3,442	8,283
Riverside	San Jacinto city	33.5%	17.2%	19.7%	29.6%	23.1%	16.6%	18.2%	42.1%	100%	3,000	74	5	646	562	394	441	1,036	2,433
Riverside	Temecula city	13.2%	10.9%	19.3%	56.7%	25.2%	17.2%	18.2%	39.4%	100%	1,903	46	14	470	375	251	271	596	1,493
Riverside	Wildomar city	19.7%	15.0%	19.2%	46.0%	24.5%	16.8%	18.3%	40.4%	100%	2,620	60	1	146	621	415	461	1,038	2,535
Riverside	Unincorporated	cumulative data not available				23.8%	16.6%	18.4%	41.3%	100%	32,994	752	0	3,443	7,173	4,871	5,534	12,725	30,303

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		2012 RHNA original shares				2012 FINAL RHNA (contains 110% adjustment)*					2012 Draft RHNA Components**				2012 RHNA Allocation (Number of Households)				
County	**Place**	**% very low income households**	**% low income HHs**	**% moderate income HHs**	**% above moderate income HHs**	**% very low income households**	**% low income HHs**	**% moderate income HHs**	**% above moderate income HHs**	**% total**	**Household Growth (2014-2021)**	**Base Vacancy Needs**	**Total Replacement Needs**	**Vacancy Credit*** **	**Number of very low income HHs**	**Number of low income HHs**	**Number of moderate income HHs**	**above moderate income HHs**	**Total*** **
San Bernardino	Adelanto city	35.5%	17.4%	22.1%	25.0%	22.2%	16.5%	18.1%	43.1%	100%	3,276	91	8	534	633	459	513	1,236	2,841
San Bernardino	Apple Valley town	29.0%	16.7%	16.1%	38.2%	22.8%	16.6%	18.8%	41.8%	100%	4,055	98	0	819	764	541	622	1,407	3,334
San Bernardino	Barstow city	35.5%	14.5%	19.9%	30.0%	22.2%	16.8%	18.4%	42.6%	100%	1,456	44	4	662	188	138	154	363	843
San Bernardino	Big Bear Lake city	39.4%	23.1%	11.4%	26.1%	25.0%	25.0%	25.1%	24.8%	100%	188	5	11	776	1	1	0	0	2
San Bernardino	Chino city	13.9%	13.5%	18.4%	54.3%	24.3%	16.9%	18.5%	40.2%	100%	3,008	73	0	187	707	478	533	1,176	2,894
San Bernardino	Chino Hills city	7.0%	6.9%	12.5%	73.6%	25.0%	17.6%	19.1%	38.3%	100%	844	18	0	0	217	148	164	333	862
San Bernardino	Colton city	27.7%	21.8%	22.1%	28.4%	23.0%	16.1%	18.1%	42.8%	100%	2,265	67	17	425	443	302	347	831	1,923
San Bernardino	Fontana city	16.9%	16.0%	20.3%	46.8%	24.0%	16.7%	18.3%	40.9%	100%	6,385	155	0	564	1,442	974	1,090	2,471	5,977
San Bernardino	Grand Terrace city	21.4%	13.8%	19.3%	45.4%	23.6%	16.9%	18.4%	41.1%	100%	158	4	0	44	28	19	22	49	118
San Bernardino	Hesperia city	25.8%	19.2%	19.5%	35.5%	23.1%	16.4%	18.4%	42.1%	100%	2,416	60	7	768	398	274	314	729	1,715
San Bernardino	Highland city	25.2%	15.1%	15.8%	43.9%	23.2%	16.8%	18.8%	41.2%	100%	1,744	44	3	291	349	246	280	625	1,500
San Bernardino	Loma Linda city	25.9%	16.8%	17.9%	39.3%	23.1%	16.6%	18.6%	41.7%	100%	1,354	45	3	308	254	177	202	462	1,095
San Bernardino	Montclair city	23.0%	15.9%	24.0%	37.0%	23.4%	16.7%	18.0%	41.9%	100%	709	19	3	35	164	114	125	294	697
San Bernardino	Needles city	47.1%	16.6%	14.5%	21.9%	21.0%	16.6%	18.9%	43.4%	100%	359	10	3	191	38	29	34	80	181
San Bernardino	Ontario city	19.4%	18.3%	20.6%	41.7%	23.8%	16.5%	18.3%	41.5%	100%	10,921	310	22	392	2,592	1,745	1,977	4,547	10,861
San Bernardino	Rancho Cucamong	12.3%	12.1%	16.9%	58.7%	24.5%	17.1%	18.7%	39.8%	100%	1,002	26	9	188	209	141	158	340	848
San Bernardino	Redlands city	19.8%	15.7%	16.3%	48.3%	23.8%	16.7%	18.7%	40.8%	100%	2,765	74	8	418	579	396	453	1,001	2,429
San Bernardino	Rialto city	23.7%	19.7%	20.2%	36.4%	23.4%	16.3%	18.3%	42.0%	100%	3,304	85	0	674	636	432	496	1,151	2,715
San Bernardino	San Bernardino city	34.7%	20.1%	18.5%	26.6%	22.3%	16.3%	18.5%	43.0%	100%	6,116	183	113	2,028	980	696	808	1,900	4,384
San Bernardino	Twentynine Palms	32.2%	20.2%	17.8%	29.9%	22.5%	16.3%	18.6%	42.6%	100%	807	28	2	384	103	72	84	195	454
San Bernardino	Upland city	17.6%	15.4%	17.6%	49.3%	24.0%	16.7%	18.6%	40.7%	100%	1,945	54	3	412	382	260	294	653	1,589
San Bernardino	Victorville city	27.8%	15.3%	20.7%	36.2%	23.0%	16.8%	18.3%	42.0%	100%	8,679	230	42	1,579	1,698	1,207	1,342	3,124	7,371
San Bernardino	Yucaipa city	23.5%	16.0%	16.4%	44.0%	23.4%	16.7%	18.7%	41.2%	100%	1,942	44	13	395	376	261	299	669	1,605
San Bernardino	Yucca Valley town	33.6%	18.5%	17.9%	30.0%	22.4%	16.4%	18.6%	42.6%	100%	1,262	33	2	366	209	149	172	400	930
San Bernardino	Unincorporated	26.9%	18.0%	18.2%	37.0%	23.0%	16.5%	18.5%	41.9%	100%	3,662	89	197	4,392	9	6	7	17	39
San Bernardino	Camarillo city	21.0%	15.1%	18.8%	45.0%	24.1%	16.9%	18.6%	40.4%	100%	2,229	54	0	59	539	366	411	908	2,224
San Bernardino	Fillmore city	32.4%	18.1%	19.5%	30.0%	23.0%	16.6%	18.5%	41.9%	100%	714	18	2	40	160	112	128	294	694
San Bernardino	Moorpark city	14.7%	10.9%	18.0%	56.4%	24.7%	17.3%	18.7%	39.3%	100%	1,135	25	4	0	289	197	216	462	1,164
Ventura	Ojai city	29.6%	20.6%	14.8%	35.0%	23.3%	16.3%	19.0%	41.4%	100%	382	11	0	22	87	59	70	155	371
Ventura	Oxnard city	32.0%	21.2%	18.8%	28.1%	23.0%	16.3%	18.6%	42.1%	100%	7,090	200	11	0	1,688	1,160	1,351	3,102	7,301
Ventura	Port Hueneme city	31.1%	25.2%	22.8%	21.0%	23.1%	15.9%	18.2%	42.8%	100%	162	5	0	173	1	1	0	0	2
Ventura	San Buenaventura	27.6%	18.0%	19.5%	34.9%	23.5%	16.6%	18.5%	41.5%	100%	3,706	105	6	163	861	591	673	1,529	3,654
Ventura	Santa Paula city	38.8%	23.9%	15.8%	21.5%	22.3%	16.0%	18.9%	42.8%	100%	1,261	35	2	14	288	201	241	555	1,285
Ventura	Simi Valley city	16.3%	13.8%	21.0%	48.8%	24.6%	17.0%	18.4%	40.1%	100%	1,228	28	0	0	310	208	229	509	1,256
Ventura	Thousand Oaks cit	16.5%	12.4%	16.3%	54.8%	24.6%	17.1%	18.8%	39.5%	100%	188	4	0	0	47	32	36	77	192
Ventura	Unincorporated	20.6%	15.0%	17.5%	46.9%	24.2%	16.9%	18.7%	40.3%	100%	1,534	37	15	177	246	168	189	412	1,015

*2012 RHNA final income category distribution is based on 2005-09 ACS data, HCD's regional income category distribution, 110% social equity adjustment, and adjustments resulting from any incorporation agreements. Due to rounding, the Final 2012 RHNA Allocation may not follow the exact percentage.

**The Draft 2012 RHNA Allocation components do not total the Final RHNA Allocation due to adjustments resulting from the revision request process (La Puente and County of Ventura), and a correction made due to the inclusion of unincorporated county growth (Glendora). Final 2012 RHNA SCAG allocation was 412,137.

***Vacancy credit only applies to 5th cycle. No jurisdiction was given an allocation of less than 2 units after vacancy credit was applied.
In some local jurisdictions,the sum of the components may not equal to the Final RHNA Allocation.
Note: Share of households in each of the four RHNA income categories is determined by calculating the number of households in each income range by county median income.
This table does not display the share of types of housing units and their affordability, this information is about the number of households with incomes within each of the four income categories

Source: http://www.scag.ca.gov/Documents/5thCyclePFinalRHNAplan.pdf and 5th Cycle RHNA Technical Appendix

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(SCAG proposing 2020 jurisdictional RHNA allocation will include existing need plus projected need)

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		A	B	C	D	E	F	G	H	I	J	K	L
		Healthy Market Vacancy Rate		Cost-burdened			Overcrowded	19,155,405		Existing Need (368,433)		Projected Need	
										RHNA would include sum of columns I + J + K			
Place	County	Homeowner vacancy rate (1)	Rental vacancy rate (1)	Share of owner-occupied housing units where monthly housing costs are 30% or more of household income (2)	Share of renter households spending 30% or more on rent (2)	Share of renter households spending 50% or more on rent (2)	More than 1.0 occupants per room	DOF Population 1/1/2019	Share of DOF 1/1/2019 Regional Population (3)	70% share of Existing Need based on share of regional population (257,903)	30% share of Existing Need based on share of regional population in HQTAs (110,530)	2012 RHNA Totals [Placeholder for 2020 Projected Need] (4)	70% of existing need (Column I sample calc) is x% of 2012 Total RHNA [i.e., only 1 of 3 factors] allocation
Imperial County	Imperial	2.1%	4.0%	27.9%	50.6%	25.8%	10.6%	190,266	0.99%	2,562		16,551	15%
Los Angeles County	Los Angeles	1.0%	3.2%	36.7%	56.1%	30.1%	11.7%	10,253,716	53.53%	138,053		179,881	77%
Orange County	Orange	0.8%	3.2%	33.0%	55.0%	28.0%	8.9%	3,222,498	16.82%	43,387		37,966	114%
Riverside County	Riverside	1.9%	5.6%	34.4%	56.4%	29.3%	7.0%	2,440,124	12.74%	32,853		101,374	32%
San Bernardino Co	San Bernardino	1.9%	4.9%	32.7%	55.5%	28.7%	8.8%	2,192,203	11.44%	29,515		57,207	52%
Ventura County	Ventura	0.8%	3.5%	32.7%	55.3%	26.5%	6.8%	856,598	4.47%	11,533		19,158	60%
Brawley	Imperial	0.7%	4.4%	26.4%	49.9%	30.2%	9.9%	27,337	0.14%	368		3,034	12%
Calexico	Imperial	1.2%	2.2%	33.0%	61.3%	33.8%	12.7%	42,198	0.22%	568		3,224	18%
Calipatria	Imperial	0.0%	2.0%	31.8%	50.4%	31.8%	12.1%	7,281	0.04%	98		144	68%
El Centro	Imperial	2.8%	4.9%	27.6%	52.1%	22.0%	11.9%	46,248	0.24%	623		1,924	32%
Holtville	Imperial	0.0%	5.2%	22.0%	58.4%	37.3%	13.2%	6,779	0.04%	91		209	44%
Imperial	Imperial	0.0%	1.8%	22.9%	28.8%	13.2%	6.7%	19,929	0.10%	268		1,309	20%
Westmorland	Imperial	2.5%	6.4%	19.0%	56.4%	33.7%	12.1%	2,461	0.01%	33		233	14%
Remainder Unincor	Imperial	Data not available		28.9%	40.5%	18.2%	8.5%	38,033	0.20%	512		6,474	8%
Agoura Hills	Los Angeles	0.0%	4.1%	36.9%	51.7%	27.9%	1.7%	20,842	0.11%	281		115	244%
Alhambra	Los Angeles	1.4%	0.8%	33.1%	52.8%	28.5%	12.5%	86,931	0.45%	1,170		1,492	78%
Arcadia	Los Angeles	1.2%	3.9%	32.0%	47.3%	26.5%	3.5%	58,891	0.31%	793		1,054	75%
Artesia	Los Angeles	0.4%	5.5%	24.6%	59.3%	31.7%	13.7%	16,919	0.09%	228		120	190%
Avalon	Los Angeles	0.0%	8.7%	43.4%	48.6%	25.1%	16.7%	3,845	0.02%	52		80	65%
Azusa	Los Angeles	2.8%	2.0%	35.4%	59.4%	32.9%	13.3%	51,313	0.27%	691		779	89%
Baldwin Park	Los Angeles	0.8%	3.2%	34.9%	59.4%	29.3%	20.6%	77,286	0.40%	1,041		557	187%
Bell	Los Angeles	0.6%	2.0%	42.4%	61.3%	29.5%	25.4%	36,556	0.19%	492		47	1047%
Bellflower	Los Angeles	2.1%	6.7%	31.9%	59.4%	32.1%	14.1%	78,308	0.41%	1,054		2	52700%
Bell Gardens	Los Angeles	0.0%	1.8%	44.8%	65.2%	32.5%	33.7%	42,972	0.22%	579		46	1259%
Beverly Hills	Los Angeles	3.4%	4.1%	44.2%	48.2%	26.4%	2.7%	34,627	0.18%	466		3	15533%
Bradbury	Los Angeles	8.7%	6.8%	39.4%	16.2%	16.2%	0.0%	1,077	0.01%	15		2	750%
Burbank	Los Angeles	0.2%	1.4%	32.2%	54.8%	30.3%	5.2%	105,952	0.55%	1,427		2,684	53%
Calabasas	Los Angeles	0.8%	4.7%	43.5%	59.9%	33.7%	0.8%	24,239	0.13%	326		330	99%
Carson	Los Angeles	0.5%	1.5%	31.5%	52.4%	25.5%	10.4%	93,604	0.49%	1,260		1,698	74%
Cerritos	Los Angeles	1.1%	8.4%	28.2%	50.2%	26.7%	4.7%	50,711	0.26%	683		86	794%
Claremont	Los Angeles	0.6%	1.4%	28.7%	52.4%	27.5%	2.1%	36,511	0.19%	492		373	132%
Commerce	Los Angeles	1.5%	3.8%	39.5%	49.9%	23.0%	16.0%	13,021	0.07%	175		46	380%
Compton	Los Angeles	1.5%	3.3%	44.2%	61.8%	37.2%	22.0%	98,711	0.52%	1,329		2	66450%
Covina	Los Angeles	2.1%	2.5%	32.7%	53.3%	23.0%	6.0%	48,876	0.26%	658		230	286%
Cudahy	Los Angeles	3.2%	1.2%	39.6%	60.8%	31.2%	31.6%	24,264	0.13%	327		318	103%
Culver City	Los Angeles	0.0%	4.6%	35.0%	44.0%	22.1%	5.5%	40,173	0.21%	541		185	292%
Diamond Bar	Los Angeles	1.4%	5.0%	32.5%	50.4%	27.0%	2.6%	57,495	0.30%	774		1,146	68%
Downey	Los Angeles	1.3%	1.9%	38.1%	52.7%	21.7%	12.2%	114,212	0.60%	1,538		814	189%
Duarte	Los Angeles	0.5%	0.0%	30.6%	60.3%	31.9%	8.6%	21,952	0.11%	296		337	88%
El Monte	Los Angeles	0.9%	6.1%	35.7%	64.5%	34.8%	20.2%	117,204	0.61%	1,578		2,142	74%
El Segundo	Los Angeles	0.0%	2.1%	25.8%	40.1%	17.9%	3.6%	17,066	0.09%	230		69	333%
Gardena	Los Angeles	1.0%	3.6%	36.8%	58.1%	27.6%	9.4%	61,042	0.32%	822		397	207%
Glendale	Los Angeles	0.7%	2.8%	38.8%	58.3%	36.1%	7.9%	206,283	1.08%	2,777		2,017	138%
Glendora	Los Angeles	0.3%	3.6%	30.9%	46.7%	22.1%	3.6%	52,122	0.27%	702		646	109%
Hawaiian Gardens	Los Angeles	1.1%	3.5%	47.2%	58.9%	40.6%	20.3%	14,690	0.08%	198		129	153%
Hawthorne	Los Angeles	0.6%	2.6%	38.2%	56.2%	28.7%	18.0%	87,854	0.46%	1,183		683	173%

Data not available; SCAG has not provided HQTAs or population within HQTAs to calculate 30% distribution of existing need

Prepared by Center for Demographic Research, CSUF
5/9/2019

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(SCAG proposing 2020 jurisdictional RHNA allocation will include existing need plus projected need)

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		A	B	C	D	E	F	G	H	I	J	K	L
		Healthy Market Vacancy Rate		Cost-burdened			Overcrowded	19,155,405		Existing Need (368,433)		Projected Need	
										RHNA would include sum of columns I + J + K			
Place	County	Homeowner vacancy rate (1)	Rental vacancy rate (1)	Share of owner-occupied housing units where monthly housing costs are 30% or more of household income (2)	Share of renter households spending 30% or more on rent (2)	Share of renter households spending 50% or more on rent (2)	More than 1.0 occupants per room	DOF Population 1/1/2019	Share of DOF 1/1/2019 Regional Population (3)	70% share of Existing Need based on share of regional population (257,903)	30% share of Existing Need based on share of regional population in HQTAs (110,530)	2012 RHNA Totals [Placeholder for 2020 Projected Need] (4)	70% of existing need (Column I sample calc) is x% of 2012 Total RHNA [i.e., only 1 of 3 factors] allocation
Hermosa Beach	Los Angeles	0.8%	0.9%	30.0%	29.4%	14.5%	1.1%	19,847	0.10%	267		2	13350%
Hidden Hills	Los Angeles	0.0%	0.0%	44.8%	0.0%	0.0%	0.7%	1,885	0.01%	25		18	139%
Huntington Park	Los Angeles	0.0%	1.5%	45.7%	64.8%	32.6%	35.5%	59,350	0.31%	799		895	89%
Industry	Los Angeles	0.0%	0.0%	7.1%	16.9%	1.5%	16.5%	432	0.00%	6		0	#DIV/0!
Inglewood	Los Angeles	0.4%	1.0%	39.4%	61.0%	31.6%	11.9%	112,549	0.59%	1,515		1,013	150%
Irwindale	Los Angeles	0.0%	7.3%	43.1%	57.9%	14.0%	5.1%	1,506	0.01%	20		15	133%
La Canada Flintridg	Los Angeles	0.5%	3.8%	34.6%	48.0%	24.6%	1.8%	20,602	0.11%	277		112	247%
La Habra Heights	Los Angeles	2.3%	10.6%	32.7%	40.0%	17.3%	3.5%	5,485	0.03%	74		119	62%
Lakewood	Los Angeles	0.5%	7.5%	31.0%	52.8%	24.4%	5.3%	81,352	0.42%	1,095		403	272%
La Mirada	Los Angeles	1.1%	2.1%	30.0%	52.4%	25.1%	8.8%	49,558	0.26%	667		235	284%
Lancaster	Los Angeles	3.6%	7.3%	33.4%	50.2%	25.3%	3.8%	161,604	0.84%	2,176		2,510	87%
La Puente	Los Angeles	0.7%	3.7%	36.4%	52.8%	26.1%	21.6%	40,795	0.21%	549		818	67%
La Verne	Los Angeles	0.9%	0.5%	27.1%	56.4%	27.6%	3.0%	33,201	0.17%	447		562	80%
Lawndale	Los Angeles	0.4%	3.0%	39.7%	57.7%	25.5%	16.3%	33,436	0.17%	450		381	118%
Lomita	Los Angeles	0.8%	2.5%	30.5%	50.0%	21.5%	6.8%	20,763	0.11%	280		47	596%
Long Beach	Los Angeles	1.3%	3.4%	34.1%	52.6%	27.8%	12.6%	475,013	2.48%	6,395		7,048	91%
Los Angeles	Los Angeles	1.0%	3.3%	40.4%	57.8%	31.7%	13.4%	4,040,079	21.09%	54,395		82,002	66%
Lynwood	Los Angeles	1.3%	1.0%	46.5%	65.7%	34.7%	26.9%	71,343	0.37%	961		494	195%
Malibu	Los Angeles	2.9%	5.5%	36.2%	36.4%	26.4%	1.9%	12,046	0.06%	162		2	8100%
Manhattan Beach	Los Angeles	1.3%	3.9%	27.9%	34.7%	16.9%	1.8%	35,922	0.19%	484		38	1274%
Maywood	Los Angeles	0.6%	0.8%	33.1%	65.7%	33.2%	35.4%	27,971	0.15%	377		53	711%
Monrovia	Los Angeles	0.6%	3.0%	33.3%	50.4%	21.4%	4.4%	38,529	0.20%	519		389	133%
Montebello	Los Angeles	0.2%	7.4%	34.1%	58.4%	30.3%	11.4%	64,247	0.34%	865		1,066	81%
Monterey Park	Los Angeles	1.0%	1.7%	35.6%	58.9%	34.2%	10.6%	61,828	0.32%	832		815	102%
Norwalk	Los Angeles	1.8%	3.5%	36.5%	57.4%	28.4%	17.8%	106,744	0.56%	1,437		201	715%
Palmdale	Los Angeles	1.6%	4.8%	36.6%	60.5%	33.7%	8.6%	157,854	0.82%	2,125		5,452	39%
Palos Verdes Estat	Los Angeles	2.0%	8.8%	28.4%	36.4%	29.1%	0.9%	13,544	0.07%	182		16	1138%
Paramount	Los Angeles	1.9%	3.3%	36.8%	57.8%	30.6%	19.5%	55,497	0.29%	747		105	711%
Pasadena	Los Angeles	1.2%	2.9%	34.1%	51.9%	27.0%	5.8%	146,312	0.76%	1,970		1,332	148%
Pico Rivera	Los Angeles	0.5%	2.4%	35.2%	53.1%	24.4%	13.6%	64,033	0.33%	862		850	101%
Pomona	Los Angeles	1.5%	1.7%	37.2%	60.2%	32.6%	17.8%	154,310	0.81%	2,078		3,626	57%
Rancho Palos Verd	Los Angeles	0.6%	2.8%	33.5%	51.2%	26.6%	2.1%	42,560	0.22%	573		31	1848%
Redondo Beach	Los Angeles	1.8%	3.0%	33.8%	41.9%	20.4%	1.9%	68,473	0.36%	922		1,397	66%
Rolling Hills	Los Angeles	1.5%	23.3%	39.2%	38.1%	19.0%	0.8%	1,892	0.01%	25		6	417%
Rolling Hills Estates	Los Angeles	0.0%	4.0%	34.2%	45.1%	15.0%	1.1%	8,247	0.04%	111		5	2220%
Rosemead	Los Angeles	0.0%	1.2%	35.9%	59.2%	31.7%	18.9%	55,097	0.29%	742		602	123%
San Dimas	Los Angeles	2.4%	4.3%	33.5%	49.6%	29.2%	2.7%	34,584	0.18%	466		463	101%
San Fernando	Los Angeles	1.0%	1.6%	37.9%	58.1%	32.6%	16.9%	24,918	0.13%	335		217	154%
San Gabriel	Los Angeles	2.1%	3.5%	34.7%	55.5%	31.5%	10.5%	41,178	0.21%	554		930	60%
San Marino	Los Angeles	0.3%	0.0%	33.6%	39.2%	28.5%	1.9%	13,352	0.07%	180		2	9000%
Santa Clarita	Los Angeles	0.5%	3.0%	32.9%	57.6%	26.6%	6.1%	218,103	1.14%	2,936		8,322	35%
Santa Fe Springs	Los Angeles	0.6%	2.7%	36.0%	56.5%	31.5%	12.3%	18,261	0.10%	246		324	76%
Santa Monica	Los Angeles	1.5%	2.0%	36.1%	45.7%	23.1%	3.0%	93,593	0.49%	1,260		1,674	75%
Sierra Madre	Los Angeles	0.9%	2.6%	29.2%	38.3%	19.9%	2.0%	11,135	0.06%	150		55	273%
Signal Hill	Los Angeles	1.0%	1.3%	27.4%	58.9%	23.9%	9.8%	11,795	0.06%	159		169	94%
South El Monte	Los Angeles	1.1%	4.8%	34.8%	65.1%	35.4%	18.6%	21,293	0.11%	287		172	167%

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South Gate	Los Angeles	0.6%	1.6%	41.5%	62.1%	30.4%	24.6%	96,777	0.51%	1,303		1,262	103%
South Pasadena	Los Angeles	1.4%	4.1%	34.2%	43.5%	19.6%	2.5%	26,245	0.14%	353		63	560%
Temple City	Los Angeles	1.3%	3.2%	33.4%	55.5%	30.1%	9.0%	36,583	0.19%	493		603	82%
Torrance	Los Angeles	0.5%	2.0%	29.8%	48.3%	23.7%	5.9%	148,054	0.77%	1,993		1,450	137%
Vernon	Los Angeles	0.0%	0.0%	0.0%	26.1%	4.3%	10.0%	301	0.00%	4		2	200%
Walnut	Los Angeles	0.8%	1.1%	34.4%	49.5%	22.4%	2.2%	30,551	0.16%	411		908	45%
West Covina	Los Angeles	0.5%	4.1%	34.6%	54.7%	29.5%	7.5%	108,116	0.56%	1,456		831	175%
West Hollywood	Los Angeles	2.2%	3.6%	40.2%	46.7%	25.3%	1.3%	36,660	0.19%	494		77	642%
Westlake Village	Los Angeles	0.3%	7.2%	35.8%	49.0%	26.7%	0.6%	8,378	0.04%	113		45	251%
Whittier	Los Angeles	0.2%	3.6%	35.2%	53.3%	25.4%	8.2%	87,526	0.46%	1,178		878	134%
Remainder Unincor	Los Angeles	Data not available		35.9%	55.7%	30.3%	12.1%	1,046,858	5.47%	14,095		30,145	47%
Aliso Viejo	Orange	0.2%	3.5%	32.5%	48.1%	23.6%	2.5%	51,372	0.27%	692		39	1774%
Anaheim	Orange	0.6%	3.3%	33.7%	59.6%	30.6%	15.4%	359,339	1.88%	4,838		5,702	85%
Brea	Orange	0.8%	1.1%	31.1%	44.9%	21.9%	3.6%	45,606	0.24%	614		1,851	33%
Buena Park	Orange	0.8%	1.8%	34.7%	56.3%	28.9%	11.8%	83,384	0.44%	1,123		339	331%
Costa Mesa	Orange	0.2%	2.8%	33.1%	50.6%	27.1%	9.0%	115,830	0.60%	1,560		2	78000%
Cypress	Orange	0.6%	2.7%	30.0%	47.4%	18.4%	4.4%	49,833	0.26%	671		308	218%
Dana Point	Orange	1.5%	4.0%	40.4%	51.9%	27.9%	1.6%	34,249	0.18%	461		327	141%
Fountain Valley	Orange	0.2%	1.3%	33.3%	58.7%	28.2%	4.9%	56,652	0.30%	763		358	213%
Fullerton	Orange	1.1%	3.9%	33.6%	57.7%	28.1%	9.2%	142,824	0.75%	1,923		1,841	104%
Garden Grove	Orange	0.7%	1.6%	32.5%	60.6%	31.4%	14.6%	175,155	0.91%	2,358		747	316%
Huntington Beach	Orange	0.7%	2.4%	30.2%	49.3%	26.3%	3.7%	203,761	1.06%	2,743		1,353	203%
Irvine	Orange	0.8%	4.0%	33.2%	49.2%	25.2%	5.7%	280,202	1.46%	3,773		12,149	31%
Laguna Beach	Orange	2.4%	3.4%	30.6%	49.1%	24.4%	1.4%	23,358	0.12%	314		2	15700%
Laguna Hills	Orange	0.7%	7.7%	37.7%	52.5%	27.4%	4.6%	31,572	0.16%	425		2	21250%
Laguna Niguel	Orange	0.7%	4.1%	35.0%	59.1%	27.8%	2.4%	66,748	0.35%	899		182	494%
Laguna Woods	Orange	2.2%	6.6%	41.5%	70.7%	45.6%	0.2%	16,518	0.09%	222		2	11100%
La Habra	Orange	0.7%	5.5%	32.6%	50.0%	26.6%	13.5%	63,542	0.33%	856		4	21400%
Lake Forest	Orange	0.8%	3.9%	29.7%	54.9%	25.8%	4.9%	86,346	0.45%	1,163		2,727	43%
La Palma	Orange	0.6%	1.3%	22.5%	58.3%	23.3%	5.4%	15,820	0.08%	213		9	2367%
Los Alamitos	Orange	2.6%	1.6%	27.3%	50.6%	24.1%	3.9%	11,721	0.06%	158		61	259%
Mission Viejo	Orange	0.6%	4.6%	29.7%	56.9%	25.5%	1.7%	96,434	0.50%	1,298		177	733%
Newport Beach	Orange	1.8%	7.5%	36.4%	44.4%	25.2%	1.4%	87,180	0.46%	1,174		5	23480%
Orange	Orange	0.7%	3.6%	30.6%	53.7%	27.3%	8.3%	141,691	0.74%	1,908		363	526%
Placentia	Orange	0.4%	0.8%	31.8%	52.3%	23.0%	7.5%	52,333	0.27%	705		492	143%
Rancho Santa Marg	Orange	0.8%	2.9%	37.1%	57.9%	27.0%	2.5%	48,960	0.26%	659		2	32950%
San Clemente	Orange	0.5%	2.5%	35.2%	55.7%	29.6%	3.6%	65,405	0.34%	881		581	152%
San Juan Capistran	Orange	0.1%	1.5%	41.6%	63.5%	41.0%	6.5%	36,821	0.19%	496		638	78%
Santa Ana	Orange	1.0%	1.4%	33.9%	63.1%	30.4%	31.5%	337,716	1.76%	4,547		204	2229%
Seal Beach	Orange	1.1%	3.0%	23.1%	38.7%	16.9%	1.1%	25,073	0.13%	338		2	16900%
Stanton	Orange	2.3%	2.1%	36.8%	62.2%	34.4%	18.3%	39,307	0.21%	529		313	169%
Tustin	Orange	0.8%	3.9%	37.1%	53.7%	25.3%	11.1%	81,369	0.42%	1,096		1,227	89%
Villa Park	Orange	1.4%	5.3%	37.8%	32.7%	3.7%	0.9%	5,933	0.03%	80		14	571%
Westminster	Orange	0.5%	2.7%	33.7%	61.5%	34.8%	10.3%	92,610	0.48%	1,247		2	62350%
Yorba Linda	Orange	1.1%	5.1%	31.1%	59.0%	28.0%	2.1%	68,706	0.36%	925		669	138%
Remainder Unincor	Orange	Data not available		32.6%	55.7%	27.7%	4.0%	129,128	0.67%	1,739		5,272	33%

Data not available; SCAG has not provided HQTAs or population within HQTAs to calculate 30% distribution of existing need

For information - illustrative purposes:
Sample Scenario using 70/30 Allocation share and distribution of RHNA to jurisdictions
(SCAG proposing 2020 jurisdictional RHNA allocation will include existing need plus projected need)

DRAFT

		A	B	C	D	E	F	G	H	I	J	K	L
		Healthy Market Vacancy Rate		Cost-burdened			Overcrowded	19,155,405		Existing Need (368,433)		Projected Need	
										RHNA would include sum of columns I + J + K			
Place	County	Homeowner vacancy rate (1)	Rental vacancy rate (1)	Share of owner-occupied housing units where monthly housing costs are 30% or more of household income (2)	Share of renter households spending 30% or more on rent (2)	Share of renter households spending 50% or more on rent (2)	More than 1.0 occupants per room	DOF Population 1/1/2019	Share of DOF 1/1/2019 Regional Population (3)	70% share of Existing Need based on share of regional population (257,903)	30% share of Existing Need based on share of regional population in HQTAs (110,530)	2012 RHNA Totals [Placeholder for 2020 Projected Need] (4)	70% of existing need (Column I sample calc) is x% of 2012 Total RHNA [i.e., only 1 of 3 factors] allocation
Banning	Riverside	1.3%	4.5%	35.1%	60.1%	27.1%	5.6%	31,044	0.16%	418		3,792	11%
Beaumont	Riverside	1.4%	3.1%	33.4%	46.4%	23.7%	3.8%	48,401	0.25%	652		5,250	12%
Blythe	Riverside	2.6%	9.1%	28.4%	38.8%	19.8%	6.5%	19,428	0.10%	262		402	65%
Calimesa	Riverside	4.4%	4.6%	28.7%	43.5%	31.9%	3.0%	9,159	0.05%	123		2,341	5%
Canyon Lake	Riverside	1.8%	7.8%	36.1%	44.3%	28.7%	0.9%	11,285	0.06%	152		83	183%
Cathedral City	Riverside	2.2%	3.0%	40.5%	59.1%	29.6%	8.7%	54,907	0.29%	739		600	123%
Coachella	Riverside	0.4%	1.8%	51.8%	67.7%	35.6%	8.8%	46,351	0.24%	624		6,771	9%
Corona	Riverside	1.0%	3.4%	36.0%	62.5%	32.7%	6.2%	168,101	0.88%	2,263		770	294%
Desert Hot Springs	Riverside	4.1%	3.8%	35.6%	60.9%	38.1%	13.3%	29,251	0.15%	394		4,196	9%
Eastvale	Riverside	2.2%	7.6%	39.6%	47.6%	21.6%	3.6%	66,078	0.34%	890		1,463	61%
Hemet	Riverside	4.1%	7.4%	32.8%	62.0%	36.6%	6.1%	84,754	0.44%	1,141		604	189%
Indian Wells	Riverside	8.7%	12.8%	33.1%	76.3%	29.7%	0.3%	5,445	0.03%	73		160	46%
Indio	Riverside	2.0%	7.5%	38.3%	56.0%	28.3%	7.1%	89,406	0.47%	1,204		3,025	40%
Jurupa Valley	Riverside	0.4%	3.8%	32.2%	58.6%	32.1%	15.8%	106,318	0.56%	1,431		1,712	84%
Lake Elsinore	Riverside	0.8%	7.8%	33.7%	57.5%	30.4%	9.1%	62,949	0.33%	848		4,929	17%
La Quinta	Riverside	6.5%	9.8%	35.5%	45.0%	18.8%	3.5%	42,098	0.22%	567		364	156%
Menifee	Riverside	0.9%	2.3%	34.0%	58.7%	30.5%	2.9%	93,452	0.49%	1,258		6,245	20%
Moreno Valley	Riverside	1.3%	4.9%	33.4%	59.7%	29.8%	10.4%	208,297	1.09%	2,804		6,169	45%
Murrieta	Riverside	0.8%	3.0%	35.0%	56.9%	24.8%	3.6%	118,125	0.62%	1,590		1,573	101%
Norco	Riverside	1.7%	0.0%	33.9%	54.7%	22.6%	3.1%	26,386	0.14%	355		818	43%
Palm Desert	Riverside	6.1%	12.3%	35.3%	48.3%	25.0%	4.2%	53,625	0.28%	722		413	175%
Palm Springs	Riverside	5.1%	9.6%	35.4%	54.7%	28.1%	4.0%	48,733	0.25%	656		272	241%
Perris	Riverside	1.4%	4.4%	40.3%	57.9%	29.7%	15.0%	76,971	0.40%	1,036		4,280	24%
Rancho Mirage	Riverside	4.0%	13.5%	39.6%	56.1%	32.8%	1.1%	18,489	0.10%	249		95	262%
Riverside	Riverside	0.9%	5.8%	29.8%	56.9%	28.7%	9.4%	328,101	1.71%	4,417		8,283	53%
San Jacinto	Riverside	2.0%	6.5%	34.8%	56.0%	29.4%	7.4%	48,878	0.26%	658		2,433	27%
Temecula	Riverside	0.7%	4.7%	31.5%	52.0%	26.5%	3.2%	113,826	0.59%	1,533		1,493	103%
Wildomar	Riverside	0.5%	3.0%	31.2%	55.5%	30.2%	5.9%	36,066	0.19%	486		2,535	19%
Remainder Unincor	Riverside	Data not available		32.9%	52.6%	29.7%	6.9%	394,200	2.06%	5,307		30,303	18%
Adelanto	San Bernardino	3.4%	5.9%	37.2%	71.2%	49.1%	16.2%	35,136	0.18%	473		2,841	17%
Apple Valley	San Bernardino	1.6%	6.0%	32.7%	53.0%	28.1%	3.6%	73,464	0.38%	989		3,334	30%
Barstow	San Bernardino	3.1%	9.9%	19.5%	57.0%	28.8%	7.4%	24,150	0.13%	325		843	39%
Big Bear Lake	San Bernardino	9.1%	9.6%	35.7%	51.5%	26.5%	5.6%	5,461	0.03%	74		2	3700%
Chino	San Bernardino	1.5%	4.3%	35.4%	53.0%	26.9%	6.6%	89,829	0.47%	1,209		2,894	42%
Chino Hills	San Bernardino	0.8%	7.6%	33.0%	50.9%	18.1%	3.9%	84,364	0.44%	1,136		862	132%
Colton	San Bernardino	1.3%	8.9%	32.8%	60.1%	28.0%	11.0%	54,391	0.28%	732		1,923	38%
Fontana	San Bernardino	1.0%	2.4%	37.6%	57.4%	27.9%	12.6%	212,078	1.11%	2,855		5,977	48%
Grand Terrace	San Bernardino	0.9%	4.6%	30.5%	58.1%	26.5%	3.2%	12,654	0.07%	170		118	144%
Hesperia	San Bernardino	1.2%	2.0%	30.4%	54.4%	28.3%	8.1%	96,362	0.50%	1,297		1,715	76%
Highland	San Bernardino	0.2%	6.4%	31.4%	58.6%	33.6%	9.6%	55,778	0.29%	751		1,500	50%
Loma Linda	San Bernardino	3.4%	3.2%	27.9%	49.5%	23.8%	4.1%	24,335	0.13%	328		1,095	30%
Montclair	San Bernardino	0.4%	1.9%	30.5%	64.5%	27.5%	13.3%	39,563	0.21%	533		697	76%
Needles	San Bernardino	3.3%	12.3%	20.8%	44.1%	21.7%	3.8%	5,085	0.03%	68		181	38%
Ontario	San Bernardino	1.5%	3.9%	34.7%	60.0%	30.7%	11.5%	178,268	0.93%	2,400		10,861	22%
Rancho Cucamong	San Bernardino	1.2%	4.1%	33.4%	51.6%	24.3%	4.1%	179,412	0.94%	2,416		848	285%

Data not available; SCAG has not provided HQTAs or population within HQTAs to calculate 30% distribution of existing need

For information - illustrative purposes:
Sample Scenario using 70/30 Allocation share and distribution of RHNA to jurisdictions
(SCAG proposing 2020 jurisdictional RHNA allocation will include existing need plus projected need)

DRAFT

		A	B	C	D	E	F	G	H	I	J	K	L
		Healthy Market Vacancy Rate		Cost-burdened			Overcrowded	19,155,405		Existing Need (368,433)		Projected Need	
										RHNA would include sum of columns I + J + K			
Place	County	Homeowner vacancy rate (1)	Rental vacancy rate (1)	Share of owner-occupied housing units where monthly housing costs are 30% or more of household income (2)	Share of renter households spending 30% or more on rent (2)	Share of renter households spending 50% or more on rent (2)	More than 1.0 occupants per room	DOF Population 1/1/2019	Share of DOF 1/1/2019 Regional Population (3)	70% share of Existing Need based on share of regional population (257,903)	30% share of Existing Need based on share of regional population in HQTAs (110,530)	2012 RHNA Totals [Placeholder for 2020 Projected Need] (4)	70% of existing need (Column I sample calc) is x% of 2012 Total RHNA [i.e., only 1 of 3 factors] allocation
Redlands	San Bernardino	4.8%	5.6%	25.5%	49.8%	25.1%	5.5%	71,839	0.38%	967		2,429	40%
Rialto	San Bernardino	1.6%	2.8%	36.1%	57.5%	30.2%	14.6%	107,271	0.56%	1,444		2,715	53%
San Bernardino	San Bernardino	1.3%	6.0%	33.8%	61.4%	35.1%	16.3%	219,233	1.14%	2,952		4,384	67%
Twentynine Palms	San Bernardino	4.1%	7.2%	31.7%	42.3%	17.9%	2.1%	28,958	0.15%	390		454	86%
Upland	San Bernardino	0.8%	2.1%	32.3%	54.3%	29.6%	5.6%	78,481	0.41%	1,057		1,589	67%
Victorville	San Bernardino	3.4%	6.4%	33.7%	57.2%	31.1%	9.5%	126,543	0.66%	1,704		7,371	23%
Yucaipa	San Bernardino	1.7%	3.3%	32.1%	46.8%	24.6%	5.0%	54,844	0.29%	738		1,605	46%
Yucca Valley	San Bernardino	2.1%	3.7%	30.9%	55.1%	35.1%	1.4%	22,050	0.12%	297		930	32%
Remainder Unincor	San Bernardino	Data not available		30.6%	51.8%	26.3%	7.9%	312,654	1.63%	4,209		39	10792%
Camarillo	Ventura	0.4%	5.1%	30.5%	52.2%	22.8%	2.3%	69,880	0.36%	941		2,224	42%
Fillmore	Ventura	1.3%	7.1%	36.6%	66.4%	37.6%	13.1%	15,925	0.08%	214		694	31%
Moorpark	Ventura	0.9%	3.6%	30.5%	62.6%	26.8%	3.9%	37,020	0.19%	498		1,164	43%
Ojai	Ventura	0.0%	7.3%	37.2%	59.6%	36.0%	0.5%	7,769	0.04%	105		371	28%
Oxnard	Ventura	1.2%	3.1%	34.9%	58.8%	26.6%	18.4%	209,879	1.10%	2,826		7,301	39%
Port Hueneme	Ventura	4.2%	2.4%	42.9%	49.5%	23.3%	9.4%	23,526	0.12%	317		2	15850%
San Buenaventura	Ventura	0.4%	3.5%	30.4%	54.7%	25.1%	4.3%	108,170	0.56%	1,456		3,654	40%
Santa Paula	Ventura	0.8%	3.5%	32.9%	58.9%	32.6%	11.0%	30,779	0.16%	414		1,285	32%
Simi Valley	Ventura	0.7%	3.0%	33.5%	55.8%	29.2%	3.1%	127,716	0.67%	1,720		1,256	137%
Thousand Oaks	Ventura	0.7%	2.8%	32.5%	52.0%	25.0%	2.3%	129,557	0.68%	1,744		192	908%
Remainder Unincor	Ventura	Data not available		31.8%	51.1%	26.6%	5.3%	96,377	0.50%	1,298		1,015	128%
								19,155,405		257,906	110,530	412,137	
											368,433		

Data not available; SCAG has not provided HQTAs or population within HQTAs to calculate 30% distribution of existing need

Sources: U.S. Census Bureau American Community Survey 2013-2017 5-year estimates Tables DP04, B25014, B25070, S2503. (Columns A-F)
California State Dept. of Finance E-5, May 2019 (Columns G-H)

SCAG is proposing a separate, additional existing need allocation at the regional level of up to 368,433 (SCAG RHNA Subcommittee May 6, 2019 Agenda Item 6, Table 5)
SCAG proposes 2020 RHNA by jurisdiction would include 70/30 split for existing need plus projected need. Sample RHNA calculation of existing plus projected would be sum of columns I + J + K
SCAG has not reported what data year is used in their draft 70/30 existing need distribution for population share of the region or if population shares would be updated with more recent data.
(1)- SCAG is recommending the use of a heathly market vacancy rate of 1.5% for owner-occupied and 5.0% for renter-occupied units for the regional determination.
(2)- SCAG is recommending the use of the share of renter households earning below $50,000/year (roughly consistent with very low and low income categories) for the regional determination.
(3)- Note: Table's column H displays to hundredths. Excel table utilizes no rounding for calculating column I.
(4)- SCAG has not distributed "Projected Need" for jurisdictions; Column K is populated with the 2012 final RHNA allocations & serve as placeholder data to show an example of what the projected need could look lik

Does California really have a 3.5M housing shortage?

Below is an explanation of how the McKinsey Global Institute came up with California's housing shortage number by 2025.

2014 American Community Survey 1-Year Estimates

	California	New York	New Jersey	
Population	38,802,500	19,746,227	8,938,175	
Housing Units	13,901,594	8,191,528	3,591,847	NY/NJ average
Housing Units per 1,000 Population[1]	358	415	402	408 [2]

What CA's housing stock "should be" using NY/NJ rate of 406 housing units per 1,000 people	15,753,815	= (406 * (38,802,500 / 1,000)
CA's current (2014) housing stock	13,901,594	
CA's current (2014) backlog defined using NY/NJ's HU/ 1,000 POP rate of 406	1,852,221	= (15,753,815 - 13,901,594 = 1,852,221)
Round up 1.852M to 2.0M:	2.0M current (2014) shortfall of housing units	
Moody's Analytics Projected population growth by 2025 (unspecified/not disclosed) for CA, NY, & NJ AND housing "at same per capita rate as NY or NJ" Additional housing units needed to supply CA's population growth, AKA Future demand of housing by 2025 for CA[3]	1.5M	
CA's projected backlog using NY/NJ's housing unit per capita rates by 2025 (backlog plus future population growth)	2.0M + 1.5M = 3.5M shortfall by 2025 without expected construction	
If CA builds housing at average rates between 2005-2014, anticipated that 1.0M units will be constructed by 2025	1.0M units expected to be constructed by 2025	
CA's projected housing shortfall using NY/NJ's housing unit per capita rates by 2025	3.5M (projected 2025 shortage) - 1.0M (units to be constructed) = 2.5M gap by 2025 assuming NY/NJ rates	

3.5M does not account for housing projected to be built by 2025. MGI uses NY/NJ housing unit per 1,000 population rates as the ideal; using the NY/NJ rates, either California has a current (2014) shortage of 2.0M housing units or California is projected to have a shortage of 2.5M housing units by 2025.

[1](Housing Units / Population) * 1,000

[2]Report used rate of 406 instead of calculated average of 408.

[3]Formulas and input data not specified or shared in report.

McKinsey Global Institute, A Tool Kit to Close California's Housing Gap: 3.5 Million Homes by 2025, October 2016

https://www.mckinsey.com/~/media/McKinsey/Featured%20Insights/Urbanization/Closing%20Californias%20housing%20gap/Closing-Californias-housing-gap-Full-report.ashx

Sample Draft Household Income Ranges Using 2017 5-Year ACS Median Household Income and HUD/HCD Affordability Categories

		Extremely Low Income		Very Low Income		Low Income		Moderate Income		Above Moderate Income	
		0 - 30% AMI		30% - 50% AMI		50% - 80% AMI		80% - 120% AMI		120% or more AMI	
	Ranges:	0 - 30% AMI		30%+$1 - 50% AMI		50%+$1 - 80% AMI		80%+$1 - 120% AMI		120%+$1 or more AMI	
County	Med. Income	Low	High	Low	High	Low	High	Low	High	Low	High
Imperial	$44,779	$0	$13,434	$13,435	$22,390	$22,391	$35,823	$35,824	$53,735	$53,736	or more
Los Angeles	$61,015	$0	$18,305	$18,306	$30,508	$30,509	$48,812	$48,813	$73,218	$73,219	or more
Orange	$81,851	$0	$24,555	$24,556	$40,926	$40,927	$65,481	$65,482	$98,221	$98,222	or more
Riverside	$60,807	$0	$18,242	$18,243	$30,404	$30,405	$48,646	$48,647	$72,968	$72,969	or more
San Bernardino	$57,156	$0	$17,147	$17,148	$28,578	$28,579	$45,725	$45,726	$68,587	$68,588	or more
Ventura	$81,972	$0	$24,592	$24,593	$40,986	$40,987	$65,578	$65,579	$98,366	$98,367	or more

AMI- Area Median Income
Calculated using American Community Survey 2013-2017 5-Year Estimates, Table B19013 and
SCAG's income category definition of x% +$1 for next category's minimum/low.

When looking at share of households in the four affordability categories below, you are saying that x% of the households within that jurisdiction have incomes that are between A & B.

City of Anytown in Orange County, CA	Translates to:
10.6% % very low income households	10.6% of Anytown's households have incomes between 0 and $40,926.
9.4% % low income households	9.4% of Anytown's households have incomes between $40,927 and $65,481.
12.3% % moderate income households	12.3% of Anytown's households have incomes between $65,482 and $98,221.
67.6% % above moderate income households	67.6% of Anytown's households have incomes above $98,221.

These numbers and shares are about the income of households, not the type of housing units these households/people occupy.
Income levels are translated into types of housing units and housing density based on assumed housing costs for RHNA.
For example, households/people with above moderate incomes are more likely to afford a single family detached house or a household that has a very low income may likely live in an apartment or mobile home.