



**ORANGE COUNTY  
COUNCIL OF GOVERNMENTS**  
*Technical Advisory Committee*

**Meeting Date / Location**

**Tuesday, September 3, 2019**  
**9:30 A.M. – 12:00 P.M.**  
**IRVINE CITY HALL**  
**CONFERENCE AND TRAINING CENTER (CTC)**  
**1 CIVIC CENTER PLAZA**  
**IRVINE, CALIFORNIA 92623**

<b><u>Agenda Item</u></b>	<b><u>Staff</u></b>	<b><u>Page</u></b>
<b>INTRODUCTIONS</b>	(Chair Marika Poynter, City of Irvine)	
<b>PUBLIC COMMENTS</b>	(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**

- |           |   |                 |          |
|-----------|---|-----------------|----------|
| <b>1.</b> | <b>OCCOG TAC Meeting Minutes</b>  | (Chair Poynter) | <b>1</b> |
|           | ◆ Draft OCCOG TAC minutes for the August 6, 2019 meeting  |                 |          |
|           | <u>Recommended Action:</u> Approve OCCOG TAC minutes of August 6, 2019, as presented or amended |                 |          |

**PRESENTATIONS, DISCUSSION AND ACTION ITEMS, REPORTS**

- 2. Regional Housing Needs Assessment Update** (Chair Poynter and Ms. Diep) **5**  
– 60 minutes
- ◆ Proposed Regional Housing Needs Assessment Methodology Discussion
  - ◆ Regional Determination from the California Department of Housing and Community Development
- Recommended Action: Receive report. Discussion.
- 
- 3. Update on Regional Policy Issues** (Chair Poynter, Ms. Diep, Vice Chair Susan Kim, City of Anaheim) – 40 minutes **15**
- ◆ General Update on the Development of Connect SoCal – 2020 Regional Transportation Plan/Sustainable Communities Strategy – update on meeting the greenhouse gas emission reduction targets
  - ◆ Southern California Association of Governments Regional Council and Policy Committee meetings – September 5, 2019
- Recommended Action: Receive report. Discussion.

**REPORT FROM THE CHAIR****REPORT FROM THE OCCOG EXECUTIVE DIRECTOR****MATTERS FROM OCCOG TAC MEMBERS****ANNOUNCEMENTS FROM NON-MEMBERS****ITEMS FOR NEXT MEETING****IMPORTANT DATES OR UPCOMING EVENTS**

- ◆ September 5, 2019: Southern California Association of Governments Regional Council and Policy Committee Meetings
- ◆ September 19, 2019: Southern California Association of Governments Technical Working Group Meeting
- ◆ September 26, 2019: Orange County Council of Governments Board of Directors Meeting
- ◆ October 3, 2019: Southern California Association of Governments Regional Council and Policy Committee Meetings

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- ◆ October 7, 2019: Regional Housing Needs Assessment (RHNA) Subcommittee  
\*Determination of RHNA Preferred Methodology\*
- ◆ October 17, 2019: Southern California Association of Governments Technical Working  
Group Meeting
- ◆ October 21, 2019: Special Meeting of the Southern California Association of  
Governments Community, Economic and Human Development (CEHD) Meeting
- ◆ October 24, 2019: Orange County Council of Governments Board of Directors Meeting

**Adjourn to:   OCTOBER 1, 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 August 6, 2019

The Orange County Council of Governments Technical Advisory Committee (TAC) meeting of August 6, 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 9:35 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 July 2, 2019 were unanimously approved by the TAC as moved by Mr. Scott Reekstin, City of Tustin, and a second by Vice Chair Susan Kim, City of Anaheim.

**PRESENTATIONS, DISCUSSION AND ACTION ITEMS, REPORTS**

**2. 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 Housing Data Reporting, the 2020 Census LUCA feedback, and the 2020 Census New Construction Program.

January 1 – June 30, 2019 housing construction and demolition data was 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.

In reviewing data for multiple efforts, CDR has found inconsistencies in data collected and/or published by various sources. The following programs collect data: CDR's Housing Inventory System (HIS), Department of Finance Annual Housing Unit Survey, Housing Community Development Annual Progress Reports, U.S. Census Bureau Building Permits Survey, and Construction Industry Research Board (CIRB).

For those jurisdictions who participated in 2020 Census LUCA in 2018 will receive directions to access Census's responses regarding which listed addresses were accepted and which were not. FedEx'ed materials are going out this month to (only) the local/state/tribal government contacts who participated in 2017-18.

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Registration for the U.S. Census Bureau New Construction Program ended June 14, 2019. The New Construction Program is the opportunity 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, roof, door, windows) completed by Census Day.

Action: Received report.

**3. Regional Housing Needs Assessment (RHNA)**

Chair Poynter and Ms. Diep provided the OCCOG TAC with an update on the three draft Regional Housing Needs Assessment (RHNA) methodology options released by the Southern California Association of Governments (SCAG) Regional Council on August 1, 2019. Chair Poynter and Ms. Diep reviewed the RHNA estimator tool created by SCAG staff with jurisdictional staff. Ms. Diep pointed out issues associated with the CIRB data. Specifically, the permits issued per population appears to have inconsistencies. SCAG staff indicated that this data has been reviewed by jurisdictions through the Local Input Profile, however, only data for every other year is provided in the Local Input Profile. Therefore, it would be impossible for jurisdictions to accurately review their construction permit data. Ms. Diep is working with staff at CIRB to ensure the data is accurate and consistent.

Chair Poynter and Ms. Diep shared that RHNA estimator has limits and cannot calculate a regional need greater than 1,304,344.

Marnie Primmer, OCCOG Executive Director, shared that she wants to take the TAC's concerns to the OCCOG Board meeting on August 22, 2019. Ms. Primmer would like a comment letter that includes the overarching concerns of the TAC, realizing that a single option will not be recommended.

The TAC will continue to monitor the developments of the draft RHNA methodology.

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.

Action: Received report. Discussion

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**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 other 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**

- ◆ July 17, 2019: Southern California Association of Governments Technical Advisory Committee Technical Working Group
- ◆ July 22, 2019: Southern California Association of Governments Regional Housing Needs Assessment Subcommittee
- ◆ July 25, 2019: Orange County Council of Governments Board of Directors Meeting
- ◆ August 1, 2019: Southern California Association of Governments Regional Council and Policy Committee Meetings
- ◆ August 1, 2019: Release of draft Regional Housing Needs Assessment (RHNA) Methodology
- ◆ August 6, 2019: Orange County Council of Governments Technical Advisory Committee

**ADJOURNMENT**

The meeting was adjourned by Chair Poynter until Tuesday, August 6, 2019 at the City of Irvine City Hall, Conference and Training Center, 1 Civic Center Plaza, Irvine, California 92623.

Submitted by:

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Marika Poynter, City of Irvine  
OCCOG TAC Chair

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**Attendees List for August 6, 2019 Meeting**

Marika Poynter, City of Irvine  
Justin Equina, City of Irvine  
Adam Wood, BIA Orange County  
Nicolle Aube, City of Huntington Beach  
Maribeth Tinio, City of Brea  
Ashley Brodtkin, City of Orange  
Steven Giang, County of Orange  
Wendy Starks, Rancho Santa Margarita  
Scott Reekstin, City of Tustin  
Deborah Diep, Center for Demographic Research/California State University Fullerton  
Susan Kim, City of Anaheim  
Shaun Howard, City of Irvine (SCAG Scholarship Recipient)  
Chris Chung, City of Garden Grove  
Rubaiya Zaman, Center for Demographic Research/California State University Fullerton  
Melinda Whelan, City of Newport Beach  
Jaime Murillo, City of Newport Beach  
Virginia Gomez, Transportation Corridor Agencies  
Erich List, City of Laguna Niguel  
Sandie Kim, City of Westminster  
Andy Henderson, BIA Southern California  
Justin Arios, City of Costa Mesa  
Barry Curtis, City of Costa Mesa  
Daniel Inloes, City of Costa Mesa  
Jay Wu, City of Laguna Hills  
Izzak Mireles, City of Stanton  
Joel Rojas, City of San Juan Capistrano  
Joanna Chang, County of Orange  
Kyle Webber, City of San Clemente  
Christopher Wright, City of San Clemente  
Jonathan Hughes, Southern California Association of Governments  
Marnie Primmer, Orange County Council of Governments  
Warren Whiteaker, Orange County Transportation Authority  
Monique Alaniz-Flejter, City of Laguna Beach  
Alexa Smittle, City of Westminster  
Belinda Deines, City of Dana Point  
Larry Longenecker, City of Mission Viejo  
Nate Farnsworth, City of Yorba Linda  
Ron Santos, City of Lake Forest  
Melanie McCann, City of Santa Ana

Draft Shares based on HCD determination of 1,344,740

Option 1 assumes Projected Need of 465,730 calculated first and remainder as existing need (840,581) with equal share reallocation (not proportional)

<b>HCD shares</b>	26.1%	15.3%	16.7%	41.8%		26.1%	15.3%	16.7%	41.8%		26.1%	15.3%	16.7%	41.8%	
	350,998	206,338	225,152	562,252	1,344,740	350,998	206,338	225,152	562,252	1,344,740	350,998	206,338	225,152	562,252	1,344,740
Difference SCAG - HCD	7.9%	8.9%	8.8%	-25.6%		-1.0%	0.0%	-0.1%	1.1%		-1.5%	0.0%	0.1%	1.5%	
	106,262	119,740	118,880	-344,882		-13,273	-423	-767	14,463		-20,560	-324	1,026	19,857	
SCAG shares	34.0%	24.2%	25.6%	16.2%		25.1%	15.3%	16.7%	42.9%		24.6%	15.3%	16.8%	43.3%	
	457,260	326,078	344,032	217,370	1,344,740	337,725	205,915	224,385	576,715	1,344,740	330,438	206,014	226,178	582,109	1,344,740

city	OPTION 1					OPTION 2					OPTION 3				
	VLI	LI	MI	AMI	Total	VLI	LI	MI	AMI	Total	VLI	LI	MI	AMI	Total
Brawley city	710	444	431	600	2,185	408	224	218	685	1,535	1,541	848	822	2,586	5,797
Calexico city	1,333	822	785	1,240	4,181	614	329	309	1,118	2,370	1,490	799	750	2,716	5,755
Calipatria city	150	102	95	74	422	99	58	48	205	409	117	68	57	243	485
El Centro city	1,253	770	740	892	3,655	719	368	348	1,162	2,597	1,446	740	701	2,337	5,224
Holtville city	156	120	108	68	453	85	73	57	167	381	77	66	52	152	348
Imperial city	832	475	431	418	2,157	413	215	189	303	1,119	1,126	586	514	826	3,052
Westmorland city	49	36	33	15	132	30	22	16	71	138	9	7	5	23	44
Unincorporated Imperia	1,387	807	786	1,553	4,533	568	294	288	986	2,136	1,393	721	705	2,416	5,234
Agoura Hills city	412	291	288	42	1,033	394	234	199	344	1,171	177	105	89	154	525
Alhambra city	2,276	1,651	1,703	321	5,951	1,943	1,185	1,241	3,492	7,861	458	280	293	824	1,855
Arcadia city	1,259	827	863	551	3,499	1,058	586	625	1,219	3,488	788	437	465	907	2,597
Artesia city	311	219	214	69	813	263	148	114	425	950	101	57	44	163	365
Avalon city	75	55	53	12	195	55	36	27	98	216	42	27	20	75	165
Azusa city	981	653	674	402	2,710	887	448	469	1,447	3,251	714	360	377	1,164	2,615
Baldwin Park city	1,866	1,299	1,321	331	4,817	1,526	762	731	2,557	5,577	659	329	316	1,105	2,409
Bell city	1,010	743	773	48	2,574	710	412	475	1,843	3,440	54	31	36	140	262
Bell Gardens city	1,019	725	782	98	2,623	744	322	520	1,899	3,485	134	58	94	343	629
Bellflower city	1,368	982	1,021	43	3,415	1,149	577	658	2,067	4,451	57	28	32	102	219
Beverly Hills city	904	654	658	174	2,390	941	625	588	1,063	3,217	209	139	131	236	715
Bradbury city	20	13	14	6	53	20	12	12	17	60	5	3	3	4	15
Burbank city	2,928	2,044	2,087	840	7,898	2,470	1,433	1,431	3,562	8,897	1,166	676	676	1,682	4,200
Calabasas city	412	289	297	46	1,045	436	248	252	425	1,361	67	38	38	65	208
Carson city	2,193	1,465	1,477	779	5,914	1,680	905	872	2,123	5,580	1,482	798	769	1,872	4,921
Cerritos city	781	555	568	11	1,916	935	502	492	919	2,848	46	25	24	45	140
Claremont city	772	532	537	200	2,041	742	432	417	797	2,389	433	252	243	465	1,393
Commerce city	355	253	271	43	922	259	127	179	573	1,139	60	29	42	133	264
Compton city	2,311	1,675	1,732	181	5,899	1,764	982	1,058	3,671	7,474	286	159	171	595	1,211
Covina city	1,065	727	751	138	2,680	958	437	462	1,269	3,126	193	88	93	256	630
Cudahy city	703	508	536	79	1,826	476	244	320	1,218	2,258	100	51	67	255	473
Culver City city	1,079	764	776	106	2,725	1,078	616	586	1,219	3,500	179	102	97	203	582
Diamond Bar city	1,293	866	887	335	3,382	1,040	558	565	1,081	3,244	817	439	444	849	2,549
Downey city	2,601	1,813	1,851	197	6,463	2,419	1,149	1,117	3,265	7,952	722	343	334	975	2,373
Duarte city	459	322	327	85	1,192	388	218	209	532	1,348	255	144	137	350	887
El Monte city	3,019	2,096	2,261	1,291	8,667	2,001	1,069	1,353	4,567	8,990	2,185	1,168	1,477	4,986	9,816
El Segundo city	289	200	204	29	723	315	162	161	321	959	55	28	28	56	167



Draft Shares based on HCD determination of 1,344,740

Option 1 assumes Projected Need of 465,730 calculated first and remainder as existing need (840,581) with equal share reallocation (not proportional)

city	OPTION 1					OPTION 2					OPTION 3				
	VLI	LI	MI	AMI	Total	VLI	LI	MI	AMI	Total	VLI	LI	MI	AMI	Total
Gardena city	1,827	1,284	1,356	441	4,908	1,414	757	894	2,683	5,747	483	259	306	917	1,965
Glendale city	4,128	3,006	3,103	1,071	11,307	3,689	2,424	2,533	6,488	15,133	1,306	858	897	2,298	5,359
Glendora city	870	591	605	227	2,293	925	508	513	1,050	2,996	457	251	254	518	1,479
Hawaiian Gardens city	282	211	218	59	771	154	110	117	445	825	69	49	52	199	369
Hawthorne city	2,097	1,467	1,549	396	5,509	1,764	846	1,037	3,604	7,251	346	166	203	707	1,422
Hermosa Beach city	417	275	268	130	1,090	389	223	201	301	1,115	232	133	120	180	664
Hidden Hills city	30	20	22	6	78	36	19	22	29	106	17	9	10	14	50
Huntington Park city	1,764	1,319	1,386	377	4,846	1,032	721	853	2,972	5,578	358	250	296	1,031	1,935
Industry city	8	5	5	2	21	8	3	4	10	25	2	1	1	2	6
Inglewood city	3,515	2,451	2,598	1,410	9,974	2,286	1,257	1,472	4,872	9,887	1,716	944	1,105	3,656	7,421
Irwindale city	43	24	28	35	130	24	10	13	40	87	52	21	28	88	189
La Cañada Flintridge city	427	293	303	58	1,082	400	227	237	292	1,157	185	105	110	135	535
La Habra Heights city	117	77	78	17	288	114	57	54	84	308	51	25	24	37	137
La Mirada city	1,058	740	748	161	2,707	874	492	463	997	2,826	347	195	184	396	1,122
La Puente city	912	652	669	65	2,299	800	424	425	1,337	2,986	110	58	58	183	410
La Verne city	512	365	368	79	1,324	559	337	317	692	1,905	150	91	85	186	512
Lakewood city	1,788	1,220	1,256	302	4,566	1,474	757	780	1,651	4,662	609	313	322	682	1,927
Lancaster city	3,912	2,551	2,717	3,756	12,936	2,206	1,246	1,380	4,421	9,254	5,368	3,033	3,359	10,760	22,520
Lawndale city	962	674	706	59	2,401	881	391	469	1,416	3,156	102	45	55	165	367
Lomita city	462	327	336	67	1,193	395	214	222	611	1,443	87	47	49	135	319
Long Beach city	13,712	9,723	10,009	3,788	37,232	10,416	6,166	6,367	17,656	40,605	1,855	1,098	1,134	3,145	7,233
Los Angeles city	112,318	78,930	82,981	59,732	333,960	84,001	52,006	57,094	154,646	347,747	75,188	46,550	51,104	138,423	311,265
Lynwood city	1,953	1,374	1,469	271	5,067	1,498	697	961	3,068	6,225	492	229	316	1,007	2,043
Malibu city	183	134	135	16	468	205	138	131	202	677	30	20	19	30	100
Manhattan Beach city	468	331	338	9	1,145	709	388	381	555	2,034	25	14	13	20	72
Maywood city	767	579	602	66	2,013	474	351	395	1,352	2,573	80	59	66	228	433
Monrovia city	859	583	592	236	2,269	706	372	363	939	2,380	404	213	208	538	1,362
Montebello city	1,675	1,196	1,245	333	4,449	1,250	702	776	2,467	5,194	372	209	231	734	1,546
Monterey Park city	1,635	1,194	1,230	342	4,400	1,259	816	846	2,337	5,258	407	264	274	756	1,701
Norwalk city	2,176	1,544	1,557	123	5,400	1,867	958	835	2,717	6,377	201	103	90	292	686
Palmdale city	3,540	2,313	2,425	2,738	11,016	2,286	1,279	1,373	3,981	8,918	5,036	2,817	3,025	8,770	19,648
Palos Verdes Estates city	235	164	170	18	587	263	150	162	186	761	53	30	32	37	152
Paramount city	1,052	759	786	55	2,653	788	412	453	1,583	3,236	151	79	87	304	621
Pasadena city	3,175	2,252	2,260	1,035	8,723	2,953	1,867	1,767	4,032	10,620	1,448	915	866	1,976	5,206
Pico Rivera city	1,513	1,050	1,079	286	3,929	1,175	600	614	1,839	4,228	430	219	225	673	1,547
Pomona city	4,134	2,780	2,919	2,030	11,863	2,749	1,462	1,613	4,948	10,771	3,378	1,796	1,982	6,080	13,236
Rancho Palos Verdes city	755	540	551	7	1,852	803	463	442	682	2,390	25	15	14	21	75
Redondo Beach city	1,181	822	840	169	3,012	1,334	763	762	1,259	4,119	582	333	333	550	1,797
Rolling Hills city	34	23	24	5	86	38	19	23	27	106	15	8	9	10	41
Rolling Hills Estates city	165	113	114	20	412	164	91	87	122	463	56	31	30	42	159
Rosemead city	1,532	1,095	1,137	358	4,122	1,172	676	732	2,353	4,932	528	305	330	1,060	2,222

Draft Shares based on HCD determination of 1,344,740

Option 1 assumes Projected Need of 465,730 calculated first and remainder as existing need (840,581) with equal share reallocation (not proportional)

city	OPTION 1					OPTION 2					OPTION 3				
	VLI	LI	MI	AMI	Total	VLI	LI	MI	AMI	Total	VLI	LI	MI	AMI	Total
San Dimas city	616	446	454	18	1,534	595	356	336	741	2,028	92	55	52	114	313
San Fernando city	646	464	479	181	1,770	468	290	303	857	1,917	267	166	173	490	1,096
San Gabriel city	1,102	734	775	481	3,092	780	400	451	1,298	2,929	578	296	334	962	2,170
San Marino city	254	182	187	17	641	255	159	162	214	790	27	17	17	23	85
Santa Clarita city	5,987	3,812	3,823	2,634	16,256	4,099	2,186	2,118	4,229	12,632	4,513	2,407	2,332	4,656	13,907
Santa Fe Springs city	355	252	253	215	1,075	261	171	165	436	1,033	250	164	158	418	991
Santa Monica city	2,326	1,657	1,708	415	6,105	2,451	1,497	1,550	3,077	8,575	2,362	1,442	1,494	2,965	8,264
Sierra Madre city	217	153	156	8	535	206	110	105	205	625	43	23	22	43	130
Signal Hill city	310	211	223	67	812	316	160	187	406	1,068	113	57	67	145	381
South El Monte city	458	324	336	130	1,249	331	179	195	727	1,432	172	93	101	377	743
South Gate city	2,893	1,971	2,088	1,019	7,971	2,002	973	1,155	4,049	8,179	1,717	834	990	3,472	7,014
South Pasadena city	748	523	526	97	1,894	703	394	359	758	2,214	168	94	86	181	528
Temple City city	770	514	536	453	2,273	568	330	350	821	2,069	730	424	450	1,056	2,660
Torrance city	3,085	2,188	2,249	207	7,728	2,921	1,609	1,642	3,396	9,568	730	402	410	849	2,392
Vernon city	4	3	3	0	11	7	0	3	8	19	0	0	0	0	0
Walnut city	594	419	431	45	1,489	660	363	376	691	2,090	132	73	75	139	419
West Covina city	2,624	1,828	1,879	418	6,750	2,351	1,262	1,292	3,055	7,962	1,248	670	686	1,622	4,226
West Hollywood city	970	699	717	262	2,648	897	575	585	1,404	3,461	423	271	276	661	1,630
Westlake Village city	181	125	130	21	457	161	87	95	128	471	53	29	31	42	154
Whittier city	1,827	1,269	1,308	404	4,807	1,397	765	796	1,957	4,916	1,150	629	655	1,611	4,046
Unincorporated Los Ang	31,410	20,862	21,557	17,739	91,569	19,931	11,113	11,568	30,799	73,411	19,307	10,765	11,206	29,835	71,114
Aliso Viejo city	632	477	500	17	1,626	868	507	500	1,010	2,885	103	60	59	119	341
Anaheim city	6,837	5,225	5,663	1,934	19,659	5,810	3,828	4,586	12,630	26,854	4,758	3,135	3,756	10,343	21,991
Brea city	580	440	463	54	1,537	690	424	437	1,010	2,561	360	221	228	527	1,336
Buena Park city	1,938	1,469	1,594	688	5,689	1,397	925	1,089	2,780	6,192	1,090	722	849	2,167	4,828
Costa Mesa city	2,210	1,700	1,822	179	5,910	2,196	1,410	1,649	4,048	9,303	683	439	513	1,260	2,895
Cypress city	823	624	650	44	2,141	805	481	458	1,145	2,889	136	81	78	194	490
Dana Point city	543	406	441	81	1,471	506	303	366	749	1,923	181	108	131	268	689
Fountain Valley city	1,051	804	851	72	2,778	906	569	607	1,439	3,520	243	152	163	386	944
Fullerton city	2,889	2,197	2,361	737	8,184	2,278	1,480	1,699	4,446	9,902	1,438	934	1,072	2,807	6,252
Garden Grove city	4,227	3,295	3,528	730	11,780	3,011	2,115	2,437	7,050	14,613	823	578	666	1,927	3,993
Huntington Beach city	3,320	2,539	2,685	178	8,721	3,650	2,275	2,416	5,642	13,982	527	329	349	815	2,020
Irvine city	5,317	3,966	4,134	2,923	16,341	4,085	2,825	2,888	6,009	15,806	5,294	3,661	3,743	7,787	20,485
La Habra city	1,030	788	840	155	2,813	826	527	592	1,624	3,569	289	184	207	567	1,247
La Palma city	279	216	226	2	723	235	154	152	346	888	7	5	5	11	27
Laguna Beach city	345	267	281	6	900	358	250	255	448	1,312	1	1	1	1	4
Laguna Hills city	726	532	553	315	2,127	484	315	317	658	1,773	289	188	190	394	1,061
Laguna Niguel city	825	629	669	23	2,146	1,041	631	702	1,415	3,789	124	75	83	168	450
Laguna Woods city	255	209	229	11	704	110	124	176	517	928	12	13	19	55	99
Lake Forest city	1,154	860	905	162	3,081	1,367	811	840	1,831	4,849	312	185	192	418	1,107
Los Alamitos city	228	172	188	66	654	157	101	124	276	658	64	41	50	112	267

Draft Shares based on HCD determination of 1,344,740

Option 1 assumes Projected Need of 465,730 calculated first and remainder as existing need (840,581) with equal share reallocation (not proportional)

city	OPTION 1					OPTION 2					OPTION 3				
	VLI	LI	MI	AMI	Total	VLI	LI	MI	AMI	Total	VLI	LI	MI	AMI	Total
Mission Viejo city	1,573	1,202	1,261	14	4,050	1,585	987	982	1,907	5,461	207	129	128	249	712
Newport Beach city	1,216	928	994	107	3,245	1,460	966	1,093	1,773	5,292	644	426	482	783	2,336
Orange city	3,061	2,247	2,411	914	8,634	2,602	1,539	1,734	4,206	10,083	1,268	750	845	2,049	4,912
Placentia city	1,089	788	849	345	3,072	825	476	542	1,233	3,075	719	415	473	1,075	2,682
Rancho Santa Margarita	872	662	700	15	2,249	806	484	506	954	2,750	121	72	76	143	411
San Clemente city	1,017	758	817	170	2,763	1,029	625	720	1,386	3,760	372	226	261	502	1,361
San Juan Capistrano city	579	443	469	117	1,607	536	359	384	928	2,206	494	330	353	855	2,032
Santa Ana city	8,516	6,594	7,187	1,065	23,362	6,156	3,976	5,310	15,672	31,114	978	631	843	2,489	4,941
Seal Beach city	434	346	373	50	1,203	276	226	270	637	1,408	40	33	39	93	206
Stanton city	1,006	797	891	343	3,036	586	452	627	1,767	3,432	315	243	337	951	1,847
Tustin city	1,369	1,058	1,121	22	3,569	1,500	950	1,034	2,719	6,202	987	625	681	1,790	4,084
Villa Park city	104	80	84	3	271	100	67	69	98	333	16	11	11	16	53
Westminster city	2,215	1,770	1,913	345	6,243	1,439	1,178	1,434	3,839	7,891	325	266	324	867	1,782
Yorba Linda city	833	633	667	11	2,144	1,169	720	735	1,235	3,859	141	87	88	148	464
Unincorporated Orange	3,277	2,282	2,459	1,813	9,831	2,303	1,431	1,572	2,677	7,983	5,780	3,590	3,943	6,717	20,030
Banning city	822	603	701	801	2,927	331	212	292	909	1,743	794	508	699	2,178	4,177
Beaumont city	1,641	1,096	1,119	1,444	5,300	757	464	468	1,029	2,718	3,250	1,993	2,010	4,418	11,672
Blythe city	392	318	357	242	1,309	187	157	207	540	1,091	446	376	496	1,290	2,608
Calimesa city	547	338	442	837	2,165	120	70	96	229	514	1,137	660	914	2,170	4,881
Canyon Lake city	206	152	159	28	546	193	113	119	209	634	65	38	40	71	214
Cathedral City city	1,226	924	1,048	962	4,159	618	423	550	1,493	3,084	1,708	1,168	1,521	4,126	8,523
Coachella city	1,480	1,235	1,484	3,184	7,383	413	351	448	1,391	2,603	5,137	4,373	5,583	17,322	32,415
Corona city	2,643	1,959	2,050	682	7,334	2,623	1,627	1,723	3,577	9,550	2,210	1,370	1,452	3,014	8,045
Desert Hot Springs city	846	775	939	2,031	4,592	227	223	289	903	1,643	1,715	1,687	2,180	6,819	12,402
Eastvale City	1,108	802	822	275	3,007	1,189	743	736	1,044	3,711	988	617	612	868	3,086
Hemet city	2,029	1,602	1,952	3,250	8,834	791	618	845	2,506	4,760	2,603	2,032	2,779	8,243	15,657
Indian Wells city	107	80	86	49	323	84	59	66	97	306	100	70	78	115	363
Indio city	2,320	1,690	1,843	2,712	8,564	1,093	745	842	2,340	5,021	3,500	2,386	2,696	7,492	16,074
Jurupa Valley City	2,141	1,600	1,639	791	6,171	1,545	1,002	983	2,517	6,047	1,748	1,133	1,111	2,847	6,838
La Quinta city	800	589	630	424	2,443	619	413	459	873	2,364	733	489	543	1,033	2,798
Lake Elsinore city	2,426	1,602	1,663	2,487	8,179	948	579	601	1,408	3,535	5,238	3,202	3,320	7,783	19,542
Menifee city	2,600	1,788	1,879	2,468	8,735	1,331	830	878	2,209	5,248	3,888	2,425	2,564	6,452	15,329
Moreno Valley city	4,180	2,866	3,006	2,720	12,772	3,093	1,754	1,860	5,002	11,709	6,014	3,410	3,618	9,726	22,767
Murrieta city	2,267	1,630	1,666	887	6,450	1,931	1,195	1,182	2,326	6,634	1,108	686	678	1,335	3,808
Norco city	479	365	377	7	1,227	452	276	268	486	1,482	18	11	11	20	60
Palm Desert city	1,085	810	839	837	3,571	707	490	505	1,310	3,012	1,204	835	860	2,232	5,131
Palm Springs city	832	659	710	601	2,803	553	433	492	1,260	2,737	1,104	864	982	2,516	5,465
Perris city	2,215	1,464	1,601	2,283	7,564	1,102	639	726	1,989	4,456	4,123	2,390	2,716	7,437	16,666
Rancho Mirage city	525	410	426	522	1,884	243	188	195	412	1,038	700	540	561	1,185	2,986
Riverside city	6,070	4,545	4,716	2,445	17,775	4,730	3,114	3,207	7,806	18,856	6,210	4,088	4,210	10,249	24,757
San Jacinto city	1,294	884	1,000	1,523	4,700	614	373	451	1,307	2,745	2,174	1,321	1,598	4,628	9,722

Draft Shares based on HCD determination of 1,344,740

Option 1 assumes Projected Need of 465,730 calculated first and remainder as existing need (840,581) with equal share reallocation (not proportional)

city	OPTION 1					OPTION 2					OPTION 3				
	VLI	LI	MI	AMI	Total	VLI	LI	MI	AMI	Total	VLI	LI	MI	AMI	Total
Temecula city	2,475	1,735	1,767	1,218	7,195	1,917	1,190	1,181	2,105	6,393	3,368	2,090	2,075	3,697	11,231
Wildomar city	1,135	745	745	989	3,614	567	334	325	799	2,026	2,054	1,211	1,175	2,893	7,332
Unincorporated Riversic	13,287	9,392	10,228	14,701	47,608	5,383	3,593	4,003	9,180	22,159	14,403	9,614	10,712	24,562	59,290
Adelanto city	957	873	971	1,879	4,680	303	299	341	1,030	1,973	1,956	1,931	2,203	6,649	12,739
Apple Valley town	1,845	1,230	1,420	1,808	6,303	992	573	717	1,844	4,126	2,361	1,364	1,707	4,389	9,821
Barstow city	565	487	557	667	2,276	219	209	260	694	1,381	775	739	918	2,454	4,886
Big Bear Lake city	111	82	90	95	379	68	47	54	139	307	137	95	109	282	624
Chino city	1,928	1,365	1,368	1,041	5,702	1,460	927	873	1,784	5,045	3,793	2,408	2,268	4,635	13,104
Chino Hills city	1,401	1,012	1,054	351	3,818	1,499	937	948	1,354	4,738	1,648	1,031	1,042	1,490	5,211
Colton city	1,633	1,123	1,285	1,179	5,221	885	486	639	1,794	3,805	1,459	802	1,053	2,958	6,271
Fontana city	4,930	3,421	3,579	2,916	14,845	3,609	2,176	2,251	4,924	12,961	7,856	4,737	4,900	10,719	28,212
Grand Terrace city	252	166	181	138	737	203	103	120	285	711	235	120	139	331	824
Hesperia city	2,867	2,043	2,275	3,518	10,702	1,211	810	932	2,459	5,412	6,344	4,247	4,886	12,885	28,361
Highland city	1,298	976	1,066	729	4,070	746	516	597	1,329	3,188	1,382	955	1,106	2,462	5,905
Loma Linda city	595	427	464	379	1,866	426	265	301	765	1,757	529	329	375	951	2,184
Montclair city	692	509	537	177	1,915	684	392	411	1,185	2,673	1,097	629	659	1,901	4,285
Needles city	91	74	83	46	294	44	38	51	153	286	40	35	47	139	260
Ontario city	4,090	2,828	2,934	3,246	13,098	2,580	1,570	1,599	4,268	10,017	8,810	5,362	5,459	14,575	34,206
Rancho Cucamonga city	2,997	2,163	2,293	934	8,388	2,987	1,846	1,969	3,319	10,120	2,890	1,786	1,905	3,211	9,792
Redlands city	1,591	1,175	1,245	733	4,745	1,058	704	749	1,524	4,035	1,164	774	824	1,677	4,440
Rialto city	2,534	1,818	1,960	1,007	7,318	1,823	1,035	1,184	3,103	7,145	3,355	1,906	2,178	5,711	13,150
San Bernardino city	5,218	4,099	4,479	1,494	15,290	3,163	2,365	2,978	8,345	16,851	928	694	874	2,449	4,946
Twentynine Palms city	589	412	495	514	2,009	338	195	285	808	1,626	544	313	459	1,299	2,614
Upland city	1,821	1,328	1,405	767	5,321	1,254	793	842	1,831	4,721	1,694	1,071	1,138	2,474	6,376
Victorville city	3,163	2,276	2,632	3,505	11,576	1,549	1,033	1,285	3,240	7,107	5,574	3,718	4,622	11,657	25,571
Yucaipa city	1,321	1,004	1,053	1,001	4,378	723	527	548	1,282	3,080	1,676	1,221	1,270	2,971	7,138
Yucca Valley town	429	339	385	338	1,493	242	190	239	568	1,238	335	264	331	787	1,717
Unincorporated San Ber	5,259	3,902	4,205	2,671	16,037	4,257	2,775	3,125	7,995	18,151	4,256	2,774	3,124	7,994	18,148
Camarillo city	991	793	857	252	2,893	992	717	801	1,556	4,066	405	293	327	635	1,660
Fillmore city	256	210	232	175	874	170	136	159	429	894	190	152	178	478	997
Moorpark city	660	499	532	239	1,930	629	407	430	788	2,254	322	208	220	404	1,155
Ojai city	128	104	114	20	366	95	69	84	188	436	19	14	17	37	87
Oxnard city	3,332	2,583	2,926	1,512	10,353	2,575	1,645	2,200	5,690	12,111	2,001	1,279	1,710	4,422	9,412
Port Hueneme city	400	323	348	44	1,114	275	182	213	651	1,321	25	17	19	60	121
San Buenaventura (Veni	1,667	1,351	1,455	754	5,227	1,329	1,011	1,117	2,808	6,265	1,251	952	1,051	2,645	5,899
Santa Paula city	530	455	503	274	1,762	277	261	317	873	1,729	240	226	275	756	1,497
Simi Valley city	2,286	1,811	1,929	512	6,538	1,862	1,282	1,354	2,791	7,290	915	630	665	1,371	3,581
Thousand Oaks city	2,445	1,939	2,082	546	7,012	1,908	1,342	1,462	2,564	7,276	1,557	1,095	1,194	2,094	5,940
Unincorporated Ventur	1,636	1,324	1,426	296	4,682	1,300	961	1,072	2,081	5,413	276	204	228	442	1,150

Draft Shares based on HCD determination of 1,344,740

Option 1 assumes Projected Need of 465,730 calculated first and remainder as existing need (840,581) with equal share reallocation (not proportional)

**HCD shares**

Difference SCAG - HCD

SCAG shares

city	OPTION 1				OPTION 2				OPTION 3			
	VLI	LI	MI	AMI	VLI	LI	MI	AMI	VLI	LI	MI	AMI
Brawley city	32.5%	20.3%	19.7%	27.5%	26.6%	14.6%	14.2%	44.6%	26.6%	14.6%	14.2%	44.6%
Calexico city	31.9%	19.7%	18.8%	29.7%	25.9%	13.9%	13.0%	47.2%	25.9%	13.9%	13.0%	47.2%
Calipatria city	35.6%	24.2%	22.6%	17.5%	24.1%	14.1%	11.8%	50.0%	24.1%	14.1%	11.8%	50.0%
El Centro city	34.3%	21.1%	20.2%	24.4%	27.7%	14.2%	13.4%	44.7%	27.7%	14.2%	13.4%	44.7%
Holtville city	34.5%	26.4%	23.9%	15.1%	22.2%	19.1%	15.0%	43.7%	22.2%	19.1%	15.0%	43.7%
Imperial city	38.6%	22.0%	20.0%	19.4%	36.9%	19.2%	16.8%	27.1%	36.9%	19.2%	16.8%	27.1%
Westmorland city	36.9%	26.9%	24.6%	11.6%	21.4%	15.7%	11.3%	51.6%	21.4%	15.7%	11.3%	51.6%
Unincorporated Imperia	30.6%	17.8%	17.4%	34.3%	26.6%	13.8%	13.5%	46.2%	26.6%	13.8%	13.5%	46.2%
Agoura Hills city	39.9%	28.1%	27.9%	4.1%	33.7%	20.0%	17.0%	29.4%	33.7%	20.0%	17.0%	29.4%
Alhambra city	38.2%	27.7%	28.6%	5.4%	24.7%	15.1%	15.8%	44.4%	24.7%	15.1%	15.8%	44.4%
Arcadia city	36.0%	23.6%	24.7%	15.8%	30.3%	16.8%	17.9%	34.9%	30.3%	16.8%	17.9%	34.9%
Artesia city	38.3%	27.0%	26.3%	8.4%	27.7%	15.6%	12.0%	44.7%	27.7%	15.6%	12.0%	44.7%
Avalon city	38.3%	28.1%	27.4%	6.3%	25.5%	16.6%	12.3%	45.5%	25.5%	16.6%	12.3%	45.5%
Azusa city	36.2%	24.1%	24.9%	14.8%	27.3%	13.8%	14.4%	44.5%	27.3%	13.8%	14.4%	44.5%
Baldwin Park city	38.7%	27.0%	27.4%	6.9%	27.4%	13.7%	13.1%	45.9%	27.4%	13.7%	13.1%	45.9%
Bell city	39.2%	28.9%	30.0%	1.9%	20.6%	12.0%	13.8%	53.6%	20.6%	12.0%	13.8%	53.6%
Bell Gardens city	38.8%	27.6%	29.8%	3.7%	21.3%	9.2%	14.9%	54.5%	21.3%	9.2%	14.9%	54.5%
Bellflower city	40.1%	28.8%	29.9%	1.3%	25.8%	13.0%	14.8%	46.4%	25.8%	13.0%	14.8%	46.4%
Beverly Hills city	37.8%	27.4%	27.5%	7.3%	29.3%	19.4%	18.3%	33.1%	29.3%	19.4%	18.3%	33.1%
Bradbury city	37.6%	25.4%	26.1%	10.8%	32.6%	19.1%	19.6%	28.7%	32.6%	19.1%	19.6%	28.7%
Burbank city	37.1%	25.9%	26.4%	10.6%	27.8%	16.1%	16.1%	40.0%	27.8%	16.1%	16.1%	40.0%
Calabasas city	39.5%	27.7%	28.4%	4.4%	32.0%	18.2%	18.5%	31.2%	32.0%	18.2%	18.5%	31.2%
Carson city	37.1%	24.8%	25.0%	13.2%	30.1%	16.2%	15.6%	38.0%	30.1%	16.2%	15.6%	38.0%
Cerritos city	40.8%	29.0%	29.7%	0.6%	32.8%	17.6%	17.3%	32.3%	32.8%	17.6%	17.3%	32.3%
Claremont city	37.8%	26.0%	26.3%	9.8%	31.1%	18.1%	17.5%	33.4%	31.1%	18.1%	17.5%	33.4%
Commerce city	38.5%	27.4%	29.4%	4.7%	22.8%	11.2%	15.7%	50.3%	22.8%	11.2%	15.7%	50.3%
Compton city	39.2%	28.4%	29.4%	3.1%	23.6%	13.1%	14.2%	49.1%	23.6%	13.1%	14.2%	49.1%
Covina city	39.7%	27.1%	28.0%	5.1%	30.7%	14.0%	14.8%	40.6%	30.7%	14.0%	14.8%	40.6%
Cudahy city	38.5%	27.8%	29.4%	4.3%	21.1%	10.8%	14.2%	53.9%	21.1%	10.8%	14.2%	53.9%
Culver City city	39.6%	28.0%	28.5%	3.9%	30.8%	17.6%	16.7%	34.8%	30.8%	17.6%	16.7%	34.8%
Diamond Bar city	38.2%	25.6%	26.2%	9.9%	32.1%	17.2%	17.4%	33.3%	32.1%	17.2%	17.4%	33.3%
Downey city	40.2%	28.1%	28.6%	3.0%	30.4%	14.5%	14.1%	41.1%	30.4%	14.5%	14.1%	41.1%
Duarte city	38.5%	27.0%	27.4%	7.1%	28.8%	16.2%	15.5%	39.5%	28.8%	16.2%	15.5%	39.5%
El Monte city	34.8%	24.2%	26.1%	14.9%	22.3%	11.9%	15.0%	50.8%	22.3%	11.9%	15.0%	50.8%
El Segundo city	40.0%	27.7%	28.3%	4.1%	32.8%	16.9%	16.8%	33.5%	32.8%	16.9%	16.8%	33.5%

Draft Shares based on HCD determination of 1,344,740

Option 1 assumes Projected Need of 465,730 calculated first and remainder as existing need (840,581) with equal share reallocation (not proportional)

city	OPTION 1				OPTION 2				OPTION 3			
	VLI	LI	MI	AMI	VLI	LI	MI	AMI	VLI	LI	MI	AMI
Gardena city	37.2%	26.2%	27.6%	9.0%	24.6%	13.2%	15.6%	46.7%	24.6%	13.2%	15.6%	46.7%
Glendale city	36.5%	26.6%	27.4%	9.5%	24.4%	16.0%	16.7%	42.9%	24.4%	16.0%	16.7%	42.9%
Glendora city	37.9%	25.8%	26.4%	9.9%	30.9%	16.9%	17.1%	35.0%	30.9%	16.9%	17.1%	35.0%
Hawaiian Gardens city	36.5%	27.4%	28.3%	7.7%	18.6%	13.3%	14.2%	53.9%	18.6%	13.3%	14.2%	53.9%
Hawthorne city	38.1%	26.6%	28.1%	7.2%	24.3%	11.7%	14.3%	49.7%	24.3%	11.7%	14.3%	49.7%
Hermosa Beach city	38.3%	25.2%	24.6%	11.9%	34.9%	20.0%	18.1%	27.0%	34.9%	20.0%	18.1%	27.0%
Hidden Hills city	39.0%	26.2%	27.7%	7.1%	33.8%	18.1%	20.5%	27.6%	33.8%	18.1%	20.5%	27.6%
Huntington Park city	36.4%	27.2%	28.6%	7.8%	18.5%	12.9%	15.3%	53.3%	18.5%	12.9%	15.3%	53.3%
Industry city	39.1%	24.6%	25.3%	11.0%	33.2%	13.7%	14.2%	39.0%	33.2%	13.7%	14.2%	39.0%
Inglewood city	35.2%	24.6%	26.0%	14.1%	23.1%	12.7%	14.9%	49.3%	23.1%	12.7%	14.9%	49.3%
Irwindale city	33.1%	18.8%	21.3%	26.8%	27.5%	11.3%	14.7%	46.5%	27.5%	11.3%	14.7%	46.5%
La Cañada Flintridge city	39.5%	27.1%	28.0%	5.3%	34.6%	19.6%	20.5%	25.3%	34.6%	19.6%	20.5%	25.3%
La Habra Heights city	40.5%	26.8%	27.0%	5.8%	37.0%	18.4%	17.5%	27.1%	37.0%	18.4%	17.5%	27.1%
La Mirada city	39.1%	27.3%	27.6%	6.0%	30.9%	17.4%	16.4%	35.3%	30.9%	17.4%	16.4%	35.3%
La Puente city	39.7%	28.4%	29.1%	2.8%	26.8%	14.2%	14.2%	44.8%	26.8%	14.2%	14.2%	44.8%
La Verne city	38.7%	27.5%	27.8%	6.0%	29.3%	17.7%	16.7%	36.3%	29.3%	17.7%	16.7%	36.3%
Lakewood city	39.2%	26.7%	27.5%	6.6%	31.6%	16.2%	16.7%	35.4%	31.6%	16.2%	16.7%	35.4%
Lancaster city	30.2%	19.7%	21.0%	29.0%	23.8%	13.5%	14.9%	47.8%	23.8%	13.5%	14.9%	47.8%
Lawndale city	40.1%	28.1%	29.4%	2.5%	27.9%	12.4%	14.9%	44.9%	27.9%	12.4%	14.9%	44.9%
Lomita city	38.8%	27.4%	28.2%	5.6%	27.4%	14.8%	15.4%	42.4%	27.4%	14.8%	15.4%	42.4%
Long Beach city	36.8%	26.1%	26.9%	10.2%	25.7%	15.2%	15.7%	43.5%	25.7%	15.2%	15.7%	43.5%
Los Angeles city	33.6%	23.6%	24.8%	17.9%	24.2%	15.0%	16.4%	44.5%	24.2%	15.0%	16.4%	44.5%
Lynwood city	38.6%	27.1%	29.0%	5.3%	24.1%	11.2%	15.4%	49.3%	24.1%	11.2%	15.4%	49.3%
Malibu city	39.1%	28.5%	28.9%	3.5%	30.3%	20.4%	19.4%	29.9%	30.3%	20.4%	19.4%	29.9%
Manhattan Beach city	40.8%	28.9%	29.5%	0.7%	34.9%	19.1%	18.8%	27.3%	34.9%	19.1%	18.8%	27.3%
Maywood city	38.1%	28.7%	29.9%	3.3%	18.4%	13.6%	15.4%	52.6%	18.4%	13.6%	15.4%	52.6%
Monrovia city	37.8%	25.7%	26.1%	10.4%	29.6%	15.6%	15.2%	39.5%	29.6%	15.6%	15.2%	39.5%
Montebello city	37.6%	26.9%	28.0%	7.5%	24.1%	13.5%	14.9%	47.5%	24.1%	13.5%	14.9%	47.5%
Monterey Park city	37.2%	27.1%	27.9%	7.8%	23.9%	15.5%	16.1%	44.4%	23.9%	15.5%	16.1%	44.4%
Norwalk city	40.3%	28.6%	28.8%	2.3%	29.3%	15.0%	13.1%	42.6%	29.3%	15.0%	13.1%	42.6%
Palmdale city	32.1%	21.0%	22.0%	24.9%	25.6%	14.3%	15.4%	44.6%	25.6%	14.3%	15.4%	44.6%
Palos Verdes Estates city	40.0%	27.9%	29.0%	3.1%	34.5%	19.7%	21.3%	24.5%	34.5%	19.7%	21.3%	24.5%
Paramount city	39.7%	28.6%	29.6%	2.1%	24.3%	12.7%	14.0%	48.9%	24.3%	12.7%	14.0%	48.9%
Pasadena city	36.4%	25.8%	25.9%	11.9%	27.8%	17.6%	16.6%	38.0%	27.8%	17.6%	16.6%	38.0%
Pico Rivera city	38.5%	26.7%	27.5%	7.3%	27.8%	14.2%	14.5%	43.5%	27.8%	14.2%	14.5%	43.5%
Pomona city	34.8%	23.4%	24.6%	17.1%	25.5%	13.6%	15.0%	45.9%	25.5%	13.6%	15.0%	45.9%
Rancho Palos Verdes city	40.7%	29.2%	29.7%	0.4%	33.6%	19.4%	18.5%	28.5%	33.6%	19.4%	18.5%	28.5%
Redondo Beach city	39.2%	27.3%	27.9%	5.6%	32.4%	18.5%	18.5%	30.6%	32.4%	18.5%	18.5%	30.6%
Rolling Hills city	39.8%	26.5%	28.3%	5.4%	35.6%	18.1%	21.2%	25.0%	35.6%	18.1%	21.2%	25.0%
Rolling Hills Estates city	40.0%	27.4%	27.7%	4.9%	35.4%	19.6%	18.8%	26.2%	35.4%	19.6%	18.8%	26.2%
Rosemead city	37.2%	26.6%	27.6%	8.7%	23.8%	13.7%	14.8%	47.7%	23.8%	13.7%	14.8%	47.7%

Draft Shares based on HCD determination of 1,344,740

Option 1 assumes Projected Need of 465,730 calculated first and remainder as existing need (840,581) with equal share reallocation (not proportional)

city	OPTION 1				OPTION 2				OPTION 3			
	VLI	LI	MI	AMI	VLI	LI	MI	AMI	VLI	LI	MI	AMI
San Dimas city	40.2%	29.1%	29.6%	1.2%	29.3%	17.5%	16.6%	36.5%	29.3%	17.5%	16.6%	36.5%
San Fernando city	36.5%	26.2%	27.1%	10.2%	24.4%	15.1%	15.8%	44.7%	24.4%	15.1%	15.8%	44.7%
San Gabriel city	35.6%	23.7%	25.1%	15.6%	26.6%	13.7%	15.4%	44.3%	26.6%	13.7%	15.4%	44.3%
San Marino city	39.7%	28.4%	29.2%	2.7%	32.3%	20.1%	20.5%	27.1%	32.3%	20.1%	20.5%	27.1%
Santa Clarita city	36.8%	23.4%	23.5%	16.2%	32.5%	17.3%	16.8%	33.5%	32.5%	17.3%	16.8%	33.5%
Santa Fe Springs city	33.0%	23.5%	23.5%	20.0%	25.2%	16.6%	16.0%	42.2%	25.2%	16.6%	16.0%	42.2%
Santa Monica city	38.1%	27.1%	28.0%	6.8%	28.6%	17.5%	18.1%	35.9%	28.6%	17.5%	18.1%	35.9%
Sierra Madre city	40.6%	28.7%	29.2%	1.6%	32.9%	17.6%	16.7%	32.8%	32.9%	17.6%	16.7%	32.8%
Signal Hill city	38.2%	26.0%	27.5%	8.3%	29.5%	15.0%	17.5%	38.0%	29.5%	15.0%	17.5%	38.0%
South El Monte city	36.7%	25.9%	26.9%	10.4%	23.1%	12.5%	13.6%	50.8%	23.1%	12.5%	13.6%	50.8%
South Gate city	36.3%	24.7%	26.2%	12.8%	24.5%	11.9%	14.1%	49.5%	24.5%	11.9%	14.1%	49.5%
South Pasadena city	39.5%	27.6%	27.8%	5.1%	31.8%	17.8%	16.2%	34.2%	31.8%	17.8%	16.2%	34.2%
Temple City city	33.9%	22.6%	23.6%	19.9%	27.4%	16.0%	16.9%	39.7%	27.4%	16.0%	16.9%	39.7%
Torrance city	39.9%	28.3%	29.1%	2.7%	30.5%	16.8%	17.2%	35.5%	30.5%	16.8%	17.2%	35.5%
Vernon city	42.4%	26.8%	30.7%	0.0%	36.8%	2.2%	18.0%	43.1%	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Walnut city	39.9%	28.1%	29.0%	3.0%	31.6%	17.4%	18.0%	33.1%	31.6%	17.4%	18.0%	33.1%
West Covina city	38.9%	27.1%	27.8%	6.2%	29.5%	15.9%	16.2%	38.4%	29.5%	15.9%	16.2%	38.4%
West Hollywood city	36.6%	26.4%	27.1%	9.9%	25.9%	16.6%	16.9%	40.6%	25.9%	16.6%	16.9%	40.6%
Westlake Village city	39.7%	27.3%	28.4%	4.5%	34.1%	18.6%	20.1%	27.1%	34.1%	18.6%	20.1%	27.1%
Whittier city	38.0%	26.4%	27.2%	8.4%	28.4%	15.6%	16.2%	39.8%	28.4%	15.6%	16.2%	39.8%
Unincorporated Los Ang	34.3%	22.8%	23.5%	19.4%	27.1%	15.1%	15.8%	42.0%	27.1%	15.1%	15.8%	42.0%
Aliso Viejo city	38.9%	29.3%	30.7%	1.0%	30.1%	17.6%	17.3%	35.0%	30.1%	17.6%	17.3%	35.0%
Anaheim city	34.8%	26.6%	28.8%	9.8%	21.6%	14.3%	17.1%	47.0%	21.6%	14.3%	17.1%	47.0%
Brea city	37.8%	28.6%	30.1%	3.5%	26.9%	16.6%	17.1%	39.4%	26.9%	16.6%	17.1%	39.4%
Buena Park city	34.1%	25.8%	28.0%	12.1%	22.6%	14.9%	17.6%	44.9%	22.6%	14.9%	17.6%	44.9%
Costa Mesa city	37.4%	28.8%	30.8%	3.0%	23.6%	15.2%	17.7%	43.5%	23.6%	15.2%	17.7%	43.5%
Cypress city	38.4%	29.1%	30.4%	2.1%	27.9%	16.6%	15.9%	39.6%	27.9%	16.6%	15.9%	39.6%
Dana Point city	36.9%	27.6%	30.0%	5.5%	26.3%	15.7%	19.0%	38.9%	26.3%	15.7%	19.0%	38.9%
Fountain Valley city	37.8%	28.9%	30.6%	2.6%	25.7%	16.2%	17.2%	40.9%	25.7%	16.2%	17.2%	40.9%
Fullerton city	35.3%	26.8%	28.8%	9.0%	23.0%	14.9%	17.2%	44.9%	23.0%	14.9%	17.2%	44.9%
Garden Grove city	35.9%	28.0%	30.0%	6.2%	20.6%	14.5%	16.7%	48.2%	20.6%	14.5%	16.7%	48.2%
Huntington Beach city	38.1%	29.1%	30.8%	2.0%	26.1%	16.3%	17.3%	40.4%	26.1%	16.3%	17.3%	40.4%
Irvine city	32.5%	24.3%	25.3%	17.9%	25.8%	17.9%	18.3%	38.0%	25.8%	17.9%	18.3%	38.0%
La Habra city	36.6%	28.0%	29.9%	5.5%	23.2%	14.8%	16.6%	45.5%	23.2%	14.8%	16.6%	45.5%
La Palma city	38.6%	29.8%	31.3%	0.3%	26.5%	17.4%	17.1%	39.0%	26.5%	17.4%	17.1%	39.0%
Laguna Beach city	38.3%	29.7%	31.3%	0.7%	27.3%	19.1%	19.4%	34.2%	27.3%	19.1%	19.4%	34.2%
Laguna Hills city	34.2%	25.0%	26.0%	14.8%	27.3%	17.7%	17.9%	37.1%	27.3%	17.7%	17.9%	37.1%
Laguna Niguel city	38.5%	29.3%	31.2%	1.1%	27.5%	16.6%	18.5%	37.4%	27.5%	16.6%	18.5%	37.4%
Laguna Woods city	36.2%	29.8%	32.5%	1.6%	11.9%	13.4%	19.0%	55.7%	11.9%	13.4%	19.0%	55.7%
Lake Forest city	37.5%	27.9%	29.4%	5.3%	28.2%	16.7%	17.3%	37.8%	28.2%	16.7%	17.3%	37.8%
Los Alamitos city	34.9%	26.2%	28.8%	10.1%	23.9%	15.3%	18.8%	42.0%	23.9%	15.3%	18.8%	42.0%

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Option 1 assumes Projected Need of 465,730 calculated first and remainder as existing need (840,581) with equal share reallocation (not proportional)

city	OPTION 1				OPTION 2				OPTION 3			
	VLI	LI	MI	AMI	VLI	LI	MI	AMI	VLI	LI	MI	AMI
Mission Viejo city	38.8%	29.7%	31.1%	0.4%	29.0%	18.1%	18.0%	34.9%	29.0%	18.1%	18.0%	34.9%
Newport Beach city	37.5%	28.6%	30.6%	3.3%	27.6%	18.3%	20.7%	33.5%	27.6%	18.3%	20.7%	33.5%
Orange city	35.5%	26.0%	27.9%	10.6%	25.8%	15.3%	17.2%	41.7%	25.8%	15.3%	17.2%	41.7%
Placentia city	35.5%	25.7%	27.7%	11.2%	26.8%	15.5%	17.6%	40.1%	26.8%	15.5%	17.6%	40.1%
Rancho Santa Margarita	38.8%	29.4%	31.1%	0.7%	29.3%	17.6%	18.4%	34.7%	29.3%	17.6%	18.4%	34.7%
San Clemente city	36.8%	27.5%	29.6%	6.2%	27.4%	16.6%	19.2%	36.9%	27.4%	16.6%	19.2%	36.9%
San Juan Capistrano city	36.0%	27.6%	29.2%	7.2%	24.3%	16.3%	17.4%	42.1%	24.3%	16.3%	17.4%	42.1%
Santa Ana city	36.5%	28.2%	30.8%	4.6%	19.8%	12.8%	17.1%	50.4%	19.8%	12.8%	17.1%	50.4%
Seal Beach city	36.1%	28.8%	31.0%	4.2%	19.6%	16.0%	19.1%	45.2%	19.6%	16.0%	19.1%	45.2%
Stanton city	33.1%	26.2%	29.3%	11.3%	17.1%	13.2%	18.3%	51.5%	17.1%	13.2%	18.3%	51.5%
Tustin city	38.4%	29.6%	31.4%	0.6%	24.2%	15.3%	16.7%	43.8%	24.2%	15.3%	16.7%	43.8%
Villa Park city	38.4%	29.5%	31.0%	1.1%	29.9%	20.2%	20.7%	29.3%	29.9%	20.2%	20.7%	29.3%
Westminster city	35.5%	28.4%	30.6%	5.5%	18.2%	14.9%	18.2%	48.7%	18.2%	14.9%	18.2%	48.7%
Yorba Linda city	38.9%	29.5%	31.1%	0.5%	30.3%	18.7%	19.0%	32.0%	30.3%	18.7%	19.0%	32.0%
Unincorporated Orange	33.3%	23.2%	25.0%	18.4%	28.9%	17.9%	19.7%	33.5%	28.9%	17.9%	19.7%	33.5%
Banning city	28.1%	20.6%	24.0%	27.4%	19.0%	12.2%	16.7%	52.1%	19.0%	12.2%	16.7%	52.1%
Beaumont city	31.0%	20.7%	21.1%	27.2%	27.8%	17.1%	17.2%	37.9%	27.8%	17.1%	17.2%	37.9%
Blythe city	29.9%	24.3%	27.3%	18.5%	17.1%	14.4%	19.0%	49.4%	17.1%	14.4%	19.0%	49.4%
Calimesa city	25.3%	15.6%	20.4%	38.7%	23.3%	13.5%	18.7%	44.4%	23.3%	13.5%	18.7%	44.4%
Canyon Lake city	37.8%	27.9%	29.1%	5.1%	30.5%	17.8%	18.7%	33.0%	30.5%	17.8%	18.7%	33.0%
Cathedral City city	29.5%	22.2%	25.2%	23.1%	20.0%	13.7%	17.8%	48.4%	20.0%	13.7%	17.8%	48.4%
Coachella city	20.0%	16.7%	20.1%	43.1%	15.8%	13.5%	17.2%	53.4%	15.8%	13.5%	17.2%	53.4%
Corona city	36.0%	26.7%	27.9%	9.3%	27.5%	17.0%	18.0%	37.5%	27.5%	17.0%	18.0%	37.5%
Desert Hot Springs city	18.4%	16.9%	20.5%	44.2%	13.8%	13.6%	17.6%	55.0%	13.8%	13.6%	17.6%	55.0%
Eastvale City	36.8%	26.7%	27.3%	9.1%	32.0%	20.0%	19.8%	28.1%	32.0%	20.0%	19.8%	28.1%
Hemet city	23.0%	18.1%	22.1%	36.8%	16.6%	13.0%	17.8%	52.6%	16.6%	13.0%	17.8%	52.6%
Indian Wells city	33.2%	24.8%	26.7%	15.3%	27.5%	19.2%	21.6%	31.7%	27.5%	19.2%	21.6%	31.7%
Indio city	27.1%	19.7%	21.5%	31.7%	21.8%	14.8%	16.8%	46.6%	21.8%	14.8%	16.8%	46.6%
Jurupa Valley City	34.7%	25.9%	26.6%	12.8%	25.6%	16.6%	16.3%	41.6%	25.6%	16.6%	16.3%	41.6%
La Quinta city	32.7%	24.1%	25.8%	17.4%	26.2%	17.5%	19.4%	36.9%	26.2%	17.5%	19.4%	36.9%
Lake Elsinore city	29.7%	19.6%	20.3%	30.4%	26.8%	16.4%	17.0%	39.8%	26.8%	16.4%	17.0%	39.8%
Menifee city	29.8%	20.5%	21.5%	28.3%	25.4%	15.8%	16.7%	42.1%	25.4%	15.8%	16.7%	42.1%
Moreno Valley city	32.7%	22.4%	23.5%	21.3%	26.4%	15.0%	15.9%	42.7%	26.4%	15.0%	15.9%	42.7%
Murrieta city	35.1%	25.3%	25.8%	13.8%	29.1%	18.0%	17.8%	35.1%	29.1%	18.0%	17.8%	35.1%
Norco city	39.0%	29.7%	30.7%	0.5%	30.5%	18.6%	18.1%	32.8%	30.5%	18.6%	18.1%	32.8%
Palm Desert city	30.4%	22.7%	23.5%	23.4%	23.5%	16.3%	16.8%	43.5%	23.5%	16.3%	16.8%	43.5%
Palm Springs city	29.7%	23.5%	25.3%	21.5%	20.2%	15.8%	18.0%	46.0%	20.2%	15.8%	18.0%	46.0%
Perris city	29.3%	19.4%	21.2%	30.2%	24.7%	14.3%	16.3%	44.6%	24.7%	14.3%	16.3%	44.6%
Rancho Mirage city	27.9%	21.8%	22.6%	27.7%	23.4%	18.1%	18.8%	39.7%	23.4%	18.1%	18.8%	39.7%
Riverside city	34.1%	25.6%	26.5%	13.8%	25.1%	16.5%	17.0%	41.4%	25.1%	16.5%	17.0%	41.4%
San Jacinto city	27.5%	18.8%	21.3%	32.4%	22.4%	13.6%	16.4%	47.6%	22.4%	13.6%	16.4%	47.6%



Draft Shares based on HCD determination of 1,344,740

Option 1 assumes Projected Need of 465,730 calculated first and remainder as existing need (840,581) with equal share reallocation (not proportional)

city	OPTION 1				OPTION 2				OPTION 3			
	VLI	LI	MI	AMI	VLI	LI	MI	AMI	VLI	LI	MI	AMI
Temecula city	34.4%	24.1%	24.6%	16.9%	30.0%	18.6%	18.5%	32.9%	30.0%	18.6%	18.5%	32.9%
Wildomar city	31.4%	20.6%	20.6%	27.4%	28.0%	16.5%	16.0%	39.5%	28.0%	16.5%	16.0%	39.5%
Unincorporated Riverside	27.9%	19.7%	21.5%	30.9%	24.3%	16.2%	18.1%	41.4%	24.3%	16.2%	18.1%	41.4%
Adelanto city	20.4%	18.7%	20.7%	40.2%	15.4%	15.2%	17.3%	52.2%	15.4%	15.2%	17.3%	52.2%
Apple Valley town	29.3%	19.5%	22.5%	28.7%	24.0%	13.9%	17.4%	44.7%	24.0%	13.9%	17.4%	44.7%
Barstow city	24.8%	21.4%	24.5%	29.3%	15.9%	15.1%	18.8%	50.2%	15.9%	15.1%	18.8%	50.2%
Big Bear Lake city	29.2%	21.7%	23.8%	25.2%	22.0%	15.2%	17.5%	45.2%	22.0%	15.2%	17.5%	45.2%
Chino city	33.8%	23.9%	24.0%	18.3%	28.9%	18.4%	17.3%	35.4%	28.9%	18.4%	17.3%	35.4%
Chino Hills city	36.7%	26.5%	27.6%	9.2%	31.6%	19.8%	20.0%	28.6%	31.6%	19.8%	20.0%	28.6%
Colton city	31.3%	21.5%	24.6%	22.6%	23.3%	12.8%	16.8%	47.2%	23.3%	12.8%	16.8%	47.2%
Fontana city	33.2%	23.0%	24.1%	19.6%	27.8%	16.8%	17.4%	38.0%	27.8%	16.8%	17.4%	38.0%
Grand Terrace city	34.2%	22.5%	24.6%	18.7%	28.5%	14.5%	16.8%	40.1%	28.5%	14.5%	16.8%	40.1%
Hesperia city	26.8%	19.1%	21.3%	32.9%	22.4%	15.0%	17.2%	45.4%	22.4%	15.0%	17.2%	45.4%
Highland city	31.9%	24.0%	26.2%	17.9%	23.4%	16.2%	18.7%	41.7%	23.4%	16.2%	18.7%	41.7%
Loma Linda city	31.9%	22.9%	24.9%	20.3%	24.2%	15.1%	17.2%	43.5%	24.2%	15.1%	17.2%	43.5%
Montclair city	36.1%	26.6%	28.0%	9.2%	25.6%	14.7%	15.4%	44.3%	25.6%	14.7%	15.4%	44.3%
Needles city	31.0%	25.2%	28.2%	15.6%	15.3%	13.3%	18.0%	53.4%	15.3%	13.3%	18.0%	53.4%
Ontario city	31.2%	21.6%	22.4%	24.8%	25.8%	15.7%	16.0%	42.6%	25.8%	15.7%	16.0%	42.6%
Rancho Cucamonga city	35.7%	25.8%	27.3%	11.1%	29.5%	18.2%	19.5%	32.8%	29.5%	18.2%	19.5%	32.8%
Redlands city	33.5%	24.8%	26.2%	15.5%	26.2%	17.4%	18.6%	37.8%	26.2%	17.4%	18.6%	37.8%
Rialto city	34.6%	24.8%	26.8%	13.8%	25.5%	14.5%	16.6%	43.4%	25.5%	14.5%	16.6%	43.4%
San Bernardino city	34.1%	26.8%	29.3%	9.8%	18.8%	14.0%	17.7%	49.5%	18.8%	14.0%	17.7%	49.5%
Twentynine Palms city	29.3%	20.5%	24.6%	25.6%	20.8%	12.0%	17.5%	49.7%	20.8%	12.0%	17.5%	49.7%
Upland city	34.2%	25.0%	26.4%	14.4%	26.6%	16.8%	17.8%	38.8%	26.6%	16.8%	17.8%	38.8%
Victorville city	27.3%	19.7%	22.7%	30.3%	21.8%	14.5%	18.1%	45.6%	21.8%	14.5%	18.1%	45.6%
Yucaipa city	30.2%	22.9%	24.0%	22.9%	23.5%	17.1%	17.8%	41.6%	23.5%	17.1%	17.8%	41.6%
Yucca Valley town	28.8%	22.7%	25.8%	22.7%	19.5%	15.4%	19.3%	45.8%	19.5%	15.4%	19.3%	45.8%
Unincorporated San Bern	32.8%	24.3%	26.2%	16.7%	23.5%	15.3%	17.2%	44.0%	23.5%	15.3%	17.2%	44.0%
Camarillo city	34.3%	27.4%	29.6%	8.7%	24.4%	17.6%	19.7%	38.3%	24.4%	17.6%	19.7%	38.3%
Fillmore city	29.3%	24.1%	26.5%	20.1%	19.0%	15.2%	17.8%	47.9%	19.0%	15.2%	17.8%	47.9%
Moorpark city	34.2%	25.9%	27.6%	12.4%	27.9%	18.0%	19.1%	35.0%	27.9%	18.0%	19.1%	35.0%
Ojai city	35.0%	28.5%	31.0%	5.5%	21.8%	15.9%	19.2%	43.1%	21.8%	15.9%	19.2%	43.1%
Oxnard city	32.2%	25.0%	28.3%	14.6%	21.3%	13.6%	18.2%	47.0%	21.3%	13.6%	18.2%	47.0%
Port Hueneme city	35.9%	29.0%	31.2%	3.9%	20.8%	13.8%	16.1%	49.3%	20.8%	13.8%	16.1%	49.3%
San Buenaventura (Ven	31.9%	25.8%	27.8%	14.4%	21.2%	16.1%	17.8%	44.8%	21.2%	16.1%	17.8%	44.8%
Santa Paula city	30.1%	25.8%	28.6%	15.5%	16.0%	15.1%	18.4%	50.5%	16.0%	15.1%	18.4%	50.5%
Simi Valley city	35.0%	27.7%	29.5%	7.8%	25.5%	17.6%	18.6%	38.3%	25.5%	17.6%	18.6%	38.3%
Thousand Oaks city	34.9%	27.7%	29.7%	7.8%	26.2%	18.4%	20.1%	35.2%	26.2%	18.4%	20.1%	35.2%
Unincorporated Ventura	34.9%	28.3%	30.5%	6.3%	24.0%	17.8%	19.8%	38.4%	24.0%	17.8%	19.8%	38.4%



# Connect SoCal Plan Performance: Greenhouse Gas Targets

Presentation to Technical Working Group

Sarah Jepson, Acting Director

Planning

August 15, 2019

[www.scag.ca.gov](http://www.scag.ca.gov)



# SB 375 Requirements

- Develop and adopt a Sustainable Communities Strategy (SCS) as part of Regional Transportation Plan (RTP)
- If regional GHG targets not met with an SCS, develop and adopt an Alternative Planning Strategy (APS) separate from RTP
- Achieve per capita regional GHG emissions reduction targets
- Prepare Technical Methodology to estimate GHG emissions from SCS/APS
- Implement extensive public participation process
- Informational meetings in each county to present draft SCS/APS

## 1. Higher 2035 Regional GHG Emissions Reduction Target

Year	Reduction from 2005 Levels		
	Connect SoCal Targets	2016 RTP/SCS Targets	Difference
2020	8%	8%	0%
2035	19%	13%	6%

## 2. Fewer Years to Achieve the Higher 2035 GHG Reduction Target

- 15 years for Connect SoCal vs. 19 years for 2016 RTP/SCS

## 3. Greater Penalty

- Impacted SB 1 Funding Programs (per law):
  - ✓ Solutions for Congested Corridors
  - ✓ Trade Corridor Enhancement Program (TCEP)
- Risk of Reduced Competitiveness in other SB 1 Funded Programs

1. New Activity-Based Regional Transportation Demand Model (RTDM)
  - Different and more sophisticated/complex modeling platform from previous trip-based RTDM
  - First application for SCAG's RTP/SCS
  - A lot of time is needed to complete all required testing
  - Much bigger model data output

## 2. Data Challenges for New Strategies

- Changing workplace and micromobility reflect emerging trends and new services
- Potential challenges and constraints:
  - ✓ Collecting consistent data from a variety of jurisdictions
  - ✓ Making accurate estimates due to lack of complete data sets



# Connect SoCal GHG Emissions Estimates for 2035

## I. On-Model Strategies

- 1) Local Pricing Strategies
- 2) Express Lane Pricing
- 3) Improved Bike Infrastructure
- 4) Infill development and increased density near transit infrastructure
- 5) Mileage-Based User Fee
- 6) New/Enhanced Transit Projects
- 7) Land Use Strategies
- 8) Transportation Demand Management

GHG Emissions Reduction Estimate  
(as of August 15):

**-11% to -13%**

# Connect SoCal GHG Emissions Estimates for 2035 (cont.)

## II. Off-Model Strategies

- Bike Share and Micromobility
- Car Share
- Co-Working
- Electric Vehicle Charging/Incentives
- Pedestrian Infrastructure
- Multimodal Dedicated Lanes
- Safe Routes to School
- Transit/TNC Partnership Program
- TDM & AVR for Job Centers
- Parking Deregulation

GHG Emissions Reduction Estimate:  
(as of August 15)

-6% to -7%

# Implementation Vision



Greater Local Control, Greater Local Responsibility

Regional Partnerships

Accelerated Action: Faster, Cheaper Solutions

Enhanced Regional Initiatives

# DRAFT Regional Initiatives



Connect SoCal: DRAFT Regional Initiatives	FY 20 Activities (Examples)
System Preservation & Resilience	<ul style="list-style-type: none"> <li>• Caltrans Vulnerability Assessments</li> <li>• Regional Resilience Study</li> <li>• Local Adaptation/ Resilience Planning</li> </ul>
Safety	<ul style="list-style-type: none"> <li>• High Injury Network Mapping</li> <li>• Local Safety Plans/Vision Zero</li> <li>• Technology Solutions</li> </ul>
Complete Streets	<ul style="list-style-type: none"> <li>• Curbside Management Study</li> <li>• Go Human Pilot Projects</li> <li>• Local Plans, Pilot Projects</li> </ul>
Clean Tech	<ul style="list-style-type: none"> <li>• Low Emission Zone-Pilots</li> <li>• EV Infrastructure Studies</li> </ul>
Mobility Innovation (Policies, Programs, Partnerships)	<ul style="list-style-type: none"> <li>• Mobility Innovations and Incentives – Pilot</li> <li>• Last Mile Delivery Pilot Program</li> <li>• School Trip Strategy</li> <li>• Tourism &amp; Travel</li> <li>• Senior Mobility Solutions</li> </ul>

# DRAFT Regional Initiatives



Connect SoCal: DRAFT Regional Initiatives	FY 20 Activities (Examples)
Housing Supportive Infrastructure/Affordable Housing	<ul style="list-style-type: none"> <li>• AB 101 Program Development</li> <li>• SB 743 Mitigation</li> <li>• EIFD</li> </ul>
Advanced Mitigation	<ul style="list-style-type: none"> <li>• Regional Greenprint</li> </ul>
Smart Cities/IT Infrastructure	<ul style="list-style-type: none"> <li>• Future of Work Place</li> <li>• Future Communities Initiative Pilot Projects</li> <li>• AB 101 Program Development (e-permitting)</li> </ul>
Planning Innovation	<ul style="list-style-type: none"> <li>• Regional Data Platform</li> <li>• Activity Based Model</li> <li>• Enhanced Scenario Planning</li> <li>• Sustainable Communities Program/Pilot Projects</li> <li>• MPO Collaborations</li> </ul>



Thank You

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