Planning Directors Forum
Monday, August 31, 2020
1:30 – 3:00 p.m.
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AGENDA

1. **Introductions (All)**

2. **2022 Regional Growth Forecast (Heather Adamson, AMBAG)**

   The regional growth forecast projects the region's population, employment and housing numbers for the tri-county area of Monterey County, San Benito County and Santa Cruz County. The revised draft regional and subregional forecasts have been prepared and will be presented by AMBAG staff.

3. **2045 Metropolitan Transportation Plan/Sustainable Communities Strategy (MTP/SCS) Update (Heather Adamson, AMBAG)**

   AMBAG staff will provide an update on the development of the 2045 MTP/SCS including the process to update the land use inputs and mapping for the SCS.

4. **Regional Early Action Program (REAP) Funding (Paul Hierling, AMBAG and Mary Gilbert, SBtCOG)**

   AMBAG and SBtCOG staff will provide an update on the REAP funding available to all local jurisdictions for housing planning activities.

5. **Next Steps/Adjourn**

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TO:	**AMBAG Planning Directors Forum**
FROM:	**Heather Adamson, Director of Planning**
SUBJECT:	**Revised Draft 2022 Regional Growth Forecast Update**
MEETING DATE:	**August 31, 2020**
RECOMMENDATION:	**DISCUSSION**

Staff will provide an update on the revised draft 2022 Regional Growth Forecast including subregional allocations. Planning Directors are asked to review the revised draft regional and subregional growth forecast numbers.

BACKGROUND/DISCUSSION:

Every four years, AMBAG updates its regional forecast for population, housing and employment to support the development of the Metropolitan Transportation Plan/Sustainable Communities Strategy (MTP/SCS), Regional Travel Demand Model and other planning efforts.

The regional growth forecast projects the region's population, employment and housing numbers for the tri-county area of Monterey County, San Benito County and Santa Cruz County. The purpose of the regional growth forecast is to show likely changes in employment, population and housing in the region between 2015 and 2045, based on the most current information available. As growth patterns change over time, the forecast is updated on a regular basis to reflect the most current and accurate information available.

This forecast is used to inform regional and local planning projects such as the MTP/SCS, transportation projects, corridor studies, and economic activity analyses. Results from this forecast are used as inputs in the Regional Travel Demand Model to forecast travel patterns.

In the 2022 RGF for the AMBAG region, employment is expected to grow at a rate slightly lower than the rate predicted in the 2018 RGF, and population is expected to

grow more slowly. Overall, the draft 2022 housing forecast is lower than the prior forecast, reflecting recent changes in demographic trends.

Recent Updates

In March 2020, the Board accepted a preliminary draft RGF for planning purposes and directed staff to begin the disaggregation at the jurisdiction level. Since that time, the California Department of Finance issued revised population and housing estimates. The updated estimates, which now provide data through 2020, resulted in a reduction in regional population relative to the base-year inputs that had been used in the RGF accepted in March.
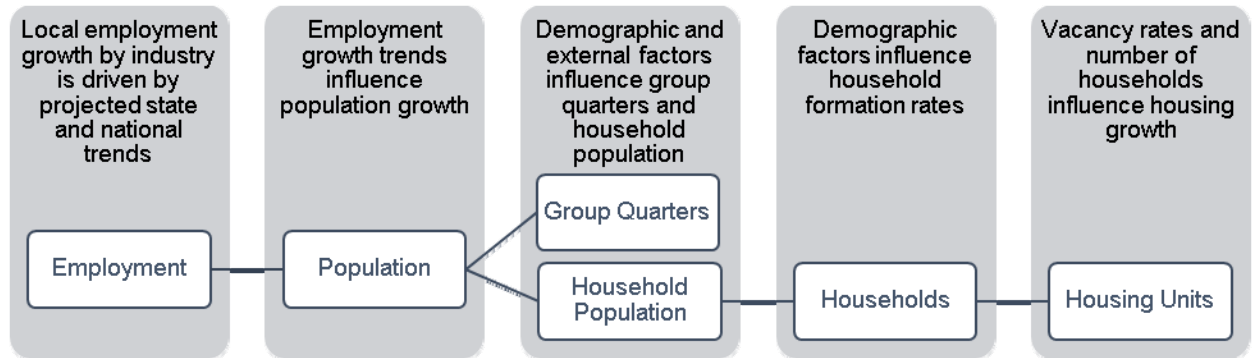
In addition, local review found a discrepancy whereby employment in Soledad at the Salinas Valley State Prison and Correctional Training Facility in Soledad was dramatically underreported in the source data. At the request of the City of Soledad staff, AMBAG staff investigated the discrepancy and found that a correction should be made—adding 2,325 jobs to the city and the region in the base year.

To accommodate this new information, AMBAG and the consultant produced a revised regional growth forecast and subregional allocation that incorporates the revised data.

Methodology

As shown in the flow chart below, the forecast is based on a methodology that predicts employment growth using a model based on local data as well as state and national trends. Population growth is then driven by employment growth. Household and housing growth are driven by population growth, demographic factors, and external factors (explained below). This approach was vetted and approved by the AMBAG Board of Directors in 2014 for use in the 2035 MTP/SCS, and again in 2018 for use in the 2040 MTP/SCS. While the methodology for the Draft 2022 RGF remains the same as the prior two forecasts, the models have been updated to include current data, a revised base year of 2015 and a new horizon year of 2045.

Regional Forecast Process

Employment: Employment growth by industry is driven by projected national and statewide trends for all industries in the region using a shift-share model.

Population: Employment growth trends influence population growth. The forecast of total population is based on historical trends in the ratio of population to employment in the AMBAG region.

Projections of demographic characteristics (i.e., population by age, sex, and race/ethnicity) in the 2022 RGF rely on a proportional approach based on demographic projections from the California Department of Finance (DOF).

Household Population and Households: Demographic factors such as age, sex, and race/ethnicity, and external factors such as major group quarters facilities like colleges and universities, and correctional facilities, influence the household population and household formation rates (i.e., the number of people per household).

Housing Units: Housing projections are driven by the household population projection, demographic characteristics of the household population (age, sex, race/ethnicity), household formation rates, and housing vacancy rates. Vacancy rates refer to the proportion of vacant, habitable housing units divided by the number of available housing units.

Data sources include the California Department of Finance, California Employment Development Department, Caltrans, U.S. Bureau of Labor Statistics, and U.S. Census Bureau.

Subregional Allocation Process

Following the preparation of the regional forecast figures, AMBAG staff and the consultant began the process of disaggregating the figures to each of the jurisdictions using historical data to develop a baseline disaggregated forecast.

Unlike the regional forecast, in which employment growth drives population and housing growth, the employment forecast is separate from the population and housing forecast in the subregional allocation. This separation reflects differing economic and demographic forces at the regional and local levels.

Employment: For the county-level forecast, employment growth by industry is driven by historical trends (i.e., shift-share model). Total growth across the three counties is constrained by the region-level forecast. For each jurisdiction (cities and unincorporated balance of county), employment growth by industry is a constant share of the jurisdiction's parent county's growth in that industry.

Population: The jurisdiction level forecast is driven by three factors:
1. Historical trends (i.e. shift-share model)
2. Anticipated future developments such as housing projects under development that are likely to be occupied within the forecast horizon
3. External factors (e.g. universities, military, correctional facilities)

Each county's population forecast is a sum of the jurisdiction-level forecasts. All levels (county, city, unincorporated area) are constrained by the region-level forecast.

Household Population and Households: Demographic factors (e.g. age, race/ethnicity) and external factors (e.g. major group quarters facilities like colleges and universities, correctional facilities, etc.) influence the household population and household formation rates (i.e. the number of people per household).
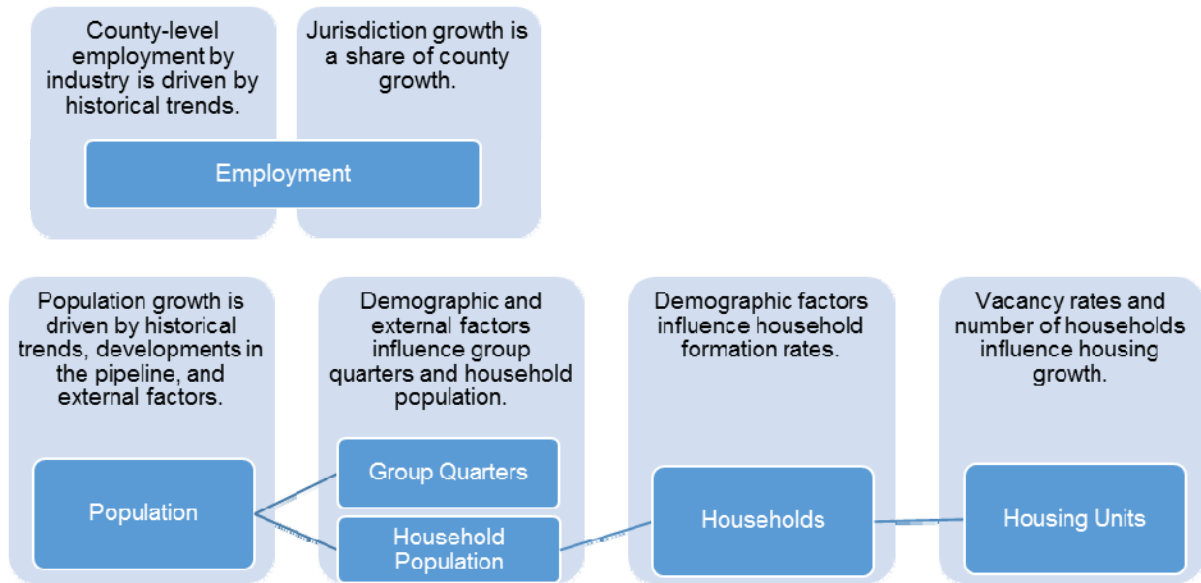
Housing Units: Vacancy rates and the number of households influence housing growth.

Data sources include the California Department of Finance, California Employment Development Department, InfoUSA and the U.S. Census Bureau.

This process resulted in a preliminary draft forecast at the jurisdictional level that was used for discussion purposes with staff at each of the cities and counties within the region. In addition to the cities and counties, AMBAG staff met with staff from the University of California, Santa Cruz and California State University, Monterey Bay to discuss the results. Adjustments were made to the preliminary draft forecast based on these meetings to incorporate growth on the basis of planned developments, specific and General Plan research and economic development plans. These efforts resulted in a revised draft forecast.

To date, AMBAG staff has conducted more than 60 one-on-one meetings with the local jurisdictions, the Local Agency Formation Commissions and both major universities during the forecasting process. These one-on-one meetings occurred between August 2019 and July 2020. In addition, AMBAG discussed the draft regional growth forecast estimates and recent trends at the Planning Directors Forum in August 2019 and January 2020. A list of the forecast one-on-one meetings is included as Attachment 3.

The revised draft growth forecast figures, including subregional allocations, are included as Attachments 1 and 2 respectively.

Next Steps

The AMBAG Board of Directors will be asked to accept the 2022 Regional Growth Forecast, including the subregional allocations, for planning purposes as part of the continued development of the 2045 Metropolitan Transportation Plan/Sustainable Communities Strategy. This allows AMBAG to stay on schedule for a June 2022 adoption of the 2045 MTP/SCS. AMBAG will continue to work closely with local jurisdictions and gather information to ensure that the most current local data is incorporated into the forecast and to ensure consensus on the process. A fourth round of one-on-one meetings are being held in August/September 2020 to discuss the revised draft disaggregated forecast.

Once the 2022 Regional Growth Forecast has been finalized, AMBAG staff will be reaching out to each local jurisdiction to verify and update each of the traffic analysis zones (TAZs) using the new forecast. This is a crucial step as it will be used for modeling purposes in the Regional Travel Demand Model.

ATTACHMENTS:

1. Revised Draft 2022 Regional Growth Forecast Summary
2. Revised Draft 2022 Subregional Growth Forecast Summary
3. 2022 Regional Growth Forecast One-On-One Meetings

Attachment 1: Revised Draft 2022 Regional Growth Forecast Summary

Historical and Forecast Jobs, Population, and Housing, 2000-2045

	Historical					Revised Draft 2022 Regional Growth Forecast				
	2000	2005	2010	2015	2020	2025	2030	2035	2040	2045
Jobs (total, all industries)	**354,535**	**359,435**	**351,735**	**377,335**	**406,280**	**410,017**	**418,132**	**425,845**	**434,147**	**442,824**
Agriculture (field work)	28,586	30,557	32,644	36,587	40,066	40,091	40,211	40,339	40,468	40,597
Manufacturing	22,831	19,085	16,348	17,656	19,728	19,802	19,916	20,016	20,120	20,224
Site-based Skilled Trade	39,650	41,048	33,921	38,116	42,895	43,741	44,852	45,637	46,635	47,682
Wholesale (incl. ag)	25,383	26,834	27,852	30,553	33,283	32,768	33,169	33,477	33,784	34,096
Retail (incl. farm stands)	44,257	43,481	40,613	43,261	42,080	42,205	42,530	43,018	43,509	44,009
Financial and Professional Services	42,237	38,970	35,496	35,988	37,135	37,434	38,498	39,619	40,760	41,911
Education	23,873	25,243	26,601	27,125	29,875	30,070	30,737	31,403	32,194	33,084
Health Care and Social Assistance	32,619	36,119	39,919	43,619	47,358	48,886	50,189	51,529	52,918	54,373
Other Services	55,024	55,657	54,683	61,875	68,516	69,056	71,222	73,227	75,249	77,289
Public (excl. educ. & health care)	25,798	26,630	27,199	26,980	29,651	29,799	30,238	30,662	31,229	31,900
Self-employed	14,277	15,811	16,459	15,575	15,693	16,165	16,570	16,918	17,281	17,659
Population	**710,598**	**719,561**	**732,708**	**762,241**	**774,729**	**796,600**	**818,100**	**833,200**	**846,600**	**856,900**
Household Population	680,087	n/a	700,207	728,352	740,321	759,254	777,619	790,321	800,726	809,948
Group Quarters	30,511	n/a	32,501	33,889	34,408	37,346	40,481	42,879	45,874	46,952
Households	**228,260**	**234,869**	**236,059**	**238,862**	**243,863**	**252,561**	**261,478**	**267,688**	**271,643**	**274,911**
Avg Household Size	3.0	n/a	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9
Housing	**247,080**	**256,467**	**260,256**	**262,660**	**267,812**	**277,214**	**287,460**	**294,955**	**299,628**	**303,226**
Vacancy Rate	7.6%	8.4%	9.3%	9.1%	8.9%	8.9%	9.0%	9.2%	9.3%	9.3%

Sources:

Jobs: Data for 2000-2019 from California Employment Development Department, InfoUSA, and AMBAG. Forecast data 2020-2045 are from AMBAG and PRB.

Population, Households, Housing: Data for 2000 and 2010 reflect decennial Census counts as of April 1 of each year. Data for 2005, 2015, and 2020 are from the California Department of Finance E-5 and E-8 population and housing estimates and reflect values as of January 1 of each year. Forecast data are from AMBAG and PRB and reflect values as of January 1 of each year.

Historical and Forecast Jobs, Population, and Housing, with Change Over Time, 2000-2045

	Historical					Revised Draft 2022 Regional Growth Forecast				
	2000	2005	2010	2015	2020	2025	2030	2035	2040	2045
Jobs (total, all industries)	354,535	359,435	351,735	377,335	406,280	410,017	418,132	425,845	434,147	442,824
Change from Prior Period		4,900	-7,700	25,600	28,945	3,737	8,115	7,713	8,302	8,677
Percent Change from Prior Period		1%	-2%	7%	8%	1%	2%	2%	2%	2%
Population	710,598	719,561	732,708	762,241	774,729	796,600	818,100	833,200	846,600	856,900
Change from Prior Period		8,963	13,147	29,533	12,488	21,871	21,500	15,100	13,400	10,300
Percent Change from Prior Period		1%	2%	4%	2%	3%	3%	2%	2%	1%
Housing	247,080	256,467	260,256	262,660	267,812	277,214	287,460	294,955	299,628	303,226
Change from Prior Period		9,387	3,789	2,404	5,152	9,402	10,246	7,495	4,673	3,598
Percent Change from Prior Period		4%	1%	1%	2%	4%	4%	3%	2%	1%

Sources:

Jobs: California Employment Development Department, InfoUSA, and AMBAG forecast.

Population, Households, Housing: Data for 2000 and 2010 reflect decennial Census counts as of April 1 of each year. Data for 2005, 2015, and 2020 are from the California Department of Finance E-5 and E-8 population and housing estimates and reflect values as of January 1 of each year. Forecast data are from AMBAG and PRB and reflect values as of January 1 of each year

REVISED DRAFT 2022 Regional Growth Forecast
AMBAG Region and Jurisdictions

	POPULATION								Change 2015-2045	
	2010	2015	2020	2025	2030	2035	2040	2045	Numeric	%
AMBAG Region	732,708	762,241	774,729	796,600	818,100	833,200	846,600	856,900	94,659	12%
Monterey County	**415,057**	**430,310**	**441,143**	**452,761**	**467,068**	**476,028**	**483,884**	**491,443**	**61,133**	**14%**
Carmel-By-The-Sea	3,722	3,854	3,949	3,946	3,954	3,964	3,974	3,984	130	3%
Del Rey Oaks	1,624	1,663	1,662	1,693	1,734	1,859	2,330	2,650	987	59%
Gonzales	8,187	8,441	8,506	9,650	13,492	14,630	15,398	15,711	7,270	86%
Greenfield	16,330	17,172	18,284	19,342	19,734	19,961	20,202	20,433	3,261	19%
King City	12,874	13,736	14,797	15,376	16,101	16,689	16,881	17,064	3,328	24%
Marina	19,718	21,057	22,321	23,723	25,126	26,713	28,433	30,044	8,987	43%
Marina NSP	19,084	20,037	21,371	22,293	22,841	23,238	23,768	24,237	4,200	21%
CSUMB (portion)	634	1,020	950	1,430	2,285	3,475	4,665	5,807	4,787	469%
Monterey	27,810	28,086	28,170	28,044	28,650	29,032	29,342	29,639	1,553	6%
Monterey NSP	23,583	24,095	24,749	24,623	25,229	25,611	25,921	26,218	2,123	9%
DLI & Naval Postgrad	4,227	3,991	3,421	3,421	3,421	3,421	3,421	3,421	-570	-14%
Pacific Grove	15,041	15,460	15,265	15,290	15,395	15,530	15,676	15,817	357	2%
Salinas	150,441	158,059	162,222	166,226	170,459	173,393	175,358	177,128	19,069	12%
Sand City	334	361	385	430	516	756	1,012	1,198	837	232%
Seaside	33,025	33,815	33,537	34,497	35,107	35,634	36,582	38,316	4,501	13%
Seaside NSP	26,836	25,835	26,345	27,285	27,850	28,317	29,205	30,881	5,046	20%
Fort Ord (portion)	4,473	4,163	3,083	3,083	3,083	3,083	3,083	3,083	-1,080	-26%
CSUMB (portion)	1,716	3,817	4,109	4,129	4,174	4,234	4,294	4,352	535	14%
Soledad	25,738	24,597	25,301	26,112	26,824	27,697	28,419	29,133	4,536	18%
Soledad NSP	15,690	16,298	17,190	18,001	18,713	19,586	20,308	21,022	4,724	29%
SVSP & CTF	10,048	8,299	8,111	8,111	8,111	8,111	8,111	8,111	-188	-2%
Balance Of County	100,213	104,009	106,744	108,432	109,976	110,170	110,277	110,326	6,317	6%
San Benito County	**55,269**	**58,138**	**62,353**	**65,198**	**66,886**	**68,649**	**69,560**	**70,490**	**12,352**	**21%**
Hollister	34,928	37,314	40,646	41,604	42,327	42,921	43,345	43,599	6,285	17%
San Juan Bautista	1,862	1,945	2,112	2,149	2,195	2,246	2,274	2,300	355	18%
Balance Of County	18,479	18,879	19,595	21,445	22,364	23,482	23,941	24,591	5,712	30%
Santa Cruz County	**262,382**	**273,793**	**271,233**	**278,641**	**284,146**	**288,523**	**293,156**	**294,967**	**21,174**	**8%**
Capitola	9,918	10,224	10,108	10,485	10,794	10,957	11,049	11,126	902	9%
Santa Cruz	59,946	64,223	64,424	68,845	72,218	75,257	78,828	79,534	15,311	24%
Santa Cruz NSP	43,614	46,947	45,324	47,845	49,118	49,957	50,828	51,534	4,587	10%
UCSC	16,332	17,276	19,100	21,000	23,100	25,300	28,000	28,000	10,724	62%
Scotts Valley	11,580	11,946	11,693	11,718	11,837	11,867	11,868	12,010	64	1%
Watsonville	51,199	52,410	51,515	52,918	54,270	55,138	55,786	56,344	3,934	8%
Balance Of County	129,739	134,990	133,493	134,675	135,027	135,304	135,625	135,953	963	1%

REVISED DRAFT 2022 Regional Growth Forecast
AMBAG Region and Jurisdictions

	HOUSING								Change 2015-2045	
	2010	2015	2020	2025	2030	2035	2040	2045	Numeric	%
AMBAG Region	260,256	262,660	267,812	277,214	287,555	295,120	299,773	303,366	40,706	15%
Monterey County	**137,910**	**139,177**	**141,764**	**146,716**	**153,852**	**159,120**	**162,637**	**165,368**	**26,191**	**19%**
Carmel-By-The-Sea	3,417	3,417	3,437	3,437	3,442	3,450	3,453	3,459	42	1%
Del Rey Oaks	741	741	741	757	779	838	1,052	1,195	454	61%
Gonzales	1,989	1,987	1,987	2,399	3,630	4,182	4,474	4,626	2,639	133%
Greenfield	3,752	3,794	3,981	4,364	4,796	5,107	5,234	5,318	1,524	40%
King City	3,218	3,283	3,432	3,672	4,002	4,282	4,356	4,403	1,120	34%
Marina	7,200	7,334	7,784	8,277	8,837	9,265	9,521	9,693	2,359	32%
Marina NSP	7200	7334	7,784	8,277	8,832	9,205	9,445	9,617	2283	0.311
CSUMB (portion)	0	0	0	0	5	60	76	76	76	--
Monterey	13,584	13,637	13,705	13,705	13,920	14,209	14,402	14,549	912	7%
Monterey NSP	13,152	13,205	13,273	13,273	13,488	13,777	13,970	14,117	912	7%
Defence Lang. Inst. & Nav	432	432	432	432	432	432	432	432	0	0%
Pacific Grove	8,169	8,184	8,201	8,214	8,272	8,346	8,415	8,483	299	4%
Salinas	42,651	43,001	43,411	45,552	48,673	50,953	52,214	53,135	10,134	24%
Sand City	145	176	189	198	228	333	446	526	350	199%
Seaside	10,872	10,913	10,920	11,437	11,925	12,243	12,594	13,182	2,269	21%
Seaside NSP	9507	8908	8,942	9,429	9,888	10,185	10,521	11,097	2189	0.246
Fort Ord (portion)	1,119	1,119	1,119	1,119	1,119	1,119	1,119	1,119	0	0%
CSUMB (portion)	246	886	859	889	918	939	954	966	80	0.09
Soledad	3,876	3,927	4,137	4,433	4,733	5,024	5,240	5,426	1,499	38%
Soledad NSP	3,876	3,927	4,137	4,433	4,733	5,024	5,240	5,426	1,499	38%
SVSP & CTF	0	0	0	0	0	0	0	0	0	--
Balance Of County	38,296	38,783	39,839	40,271	40,615	40,888	41,236	41,373	2,590	7%
San Benito County	**17,870**	**18,262**	**19,913**	**21,290**	**22,502**	**23,521**	**23,893**	**24,201**	**5,939**	**33%**
Hollister	10,401	10,757	11,917	12,401	12,877	13,201	13,354	13,422	2,665	25%
San Juan Bautista	745	750	819	847	887	919	931	941	191	25%
Balance Of County	6,724	6,755	7,177	8,042	8,738	9,401	9,608	9,838	3,083	46%
Santa Cruz County	**104,476**	**105,221**	**106,135**	**109,208**	**111,201**	**112,479**	**113,243**	**113,797**	**8,576**	**8%**
Capitola	5,534	5,537	5,554	5,786	5,970	6,009	6,017	6,017	480	9%
Santa Cruz	23,316	23,535	23,954	24,988	25,578	25,974	26,295	26,525	2,990	13%
Santa Cruz NSP	23,316	23,005	23,424	24,422	24,970	25,342	25,663	25,892	2,887	13%
UCSC	0	530	530	566	608	632	632	633	103	19%
Scotts Valley	4,610	4,691	4,739	4,798	4,846	4,869	4,887	4,930	239	5%
Watsonville	14,089	14,131	14,226	14,829	15,629	16,108	16,347	16,519	2,388	17%
Balance Of County	56,927	57,327	57,662	58,807	59,178	59,519	59,697	59,806	2,479	4%

Note: Housing forecast for universities reflects housing demand unmet by dorms, not necessarily housing units on campus.

REVISED DRAFT 2022 Regional Growth Forecast
AMBAG Region and Jurisdictions

	2010	2015	EMPLOYMENT 2020	2025	2030	2035	2040	2045	Change 2015-2045 Numeric	%
AMBAG Region Total	351,730	377,335	406,280	410,017	418,132	425,845	434,147	442,824	65,489	17%
Monterey County	**209,147**	**225,268**	**243,015**	**245,055**	**249,615**	**253,942**	**258,620**	**263,507**	**38,239**	**17%**
Carmel-By-The-Sea		3,353	3,566	3,593	3,674	3,752	3,833	3,915	562	17%
Del Rey Oaks		705	748	753	774	794	815	834	129	18%
Gonzales		5,764	6,326	6,383	6,534	6,662	6,790	6,922	1,158	20%
Greenfield		7,227	7,882	7,948	8,061	8,177	8,298	8,424	1,197	17%
King City		7,573	8,195	8,248	8,371	8,511	8,669	8,832	1,259	17%
Marina		6,107	6,548	6,621	6,765	6,899	7,055	7,217	1,110	18%
Monterey		38,133	40,989	41,527	42,506	43,457	44,470	45,515	7,382	19%
Pacific Grove		7,470	8,016	8,061	8,152	8,244	8,343	8,446	976	13%
Salinas		73,009	78,874	79,577	81,080	82,512	84,069	85,703	12,694	17%
Sand City		1,966	2,092	2,102	2,151	2,188	2,224	2,259	293	15%
Seaside		9,667	10,476	10,589	10,833	11,072	11,325	11,583	1,916	20%
Soledad		8,532	9,010	9,079	9,161	9,235	9,333	9,462	930	11%
Unincorporated Monterey		55,762	60,293	60,574	61,553	62,439	63,396	64,395	8,633	15%
San Benito County	**20,260**	**21,631**	**23,263**	**23,571**	**24,201**	**24,778**	**25,398**	**26,038**	**4,407**	**20%**
Hollister		14,428	15,492	15,728	16,207	16,655	17,121	17,613	3,185	22%
San Juan Bautista		515	557	569	580	588	603	613	98	19%
Unincorporated San Benito		6,688	7,214	7,274	7,414	7,535	7,674	7,812	1,124	17%
Santa Cruz County	**122,323**	**130,436**	**140,002**	**141,391**	**144,316**	**147,125**	**150,129**	**153,279**	**22,843**	**18%**
Capitola		11,666	12,250	12,376	12,633	12,902	13,181	13,459	1,793	15%
Santa Cruz		40,840	43,865	44,317	45,594	46,863	48,213	49,647	8,807	22%
Scotts Valley		9,458	10,109	10,185	10,345	10,489	10,637	10,797	1,339	14%
Watsonville		26,403	28,514	28,765	29,156	29,505	29,896	30,305	3,902	15%
Unincorporated Santa Cruz		42,069	45,264	45,748	46,588	47,366	48,202	49,071	7,002	17%

Important Note:

Independent rounding results in some cases in which parts do not sum to the total.

Data Sources:

Population and Housing: 2010 and 2015 from the California Department of Finance; 2020-2045 Draft 2022 Regional Growth Forecast from AMBAG and the Population Reference Bureau

Employment: 2010 and 2015 from AMBAG based on data from California Employment Development Department and InfoUSA; 2020-2045 Draft 2022 Regional Growth Forecast from AMBAG and the Population Reference Bureau

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2020 Regional Growth Forecast
One-on-One Meetings
Round 1

Agency	Meeting Date	Meeting Time	AMBAG Attendees*	Other Attendees*
City of Gonzales	9/3/2019	1:30 PM	Maura Twomey, Heather Adamson and Paul Hierling	Matthew Sundt
City of Hollister	9/10/2019	1:30 PM	Maura Twomey, Heather Adamson and Paul Hierling	Abraham Prado and Jamila Saqqa
City of Marina	8/21/2019	11:00 AM	Maura Twomey, Heather Adamson and Paul Hierling	Fred Aegerter, Christy Hopper and Matt Mogensen
City of Salinas	8/28/2019	1:30 PM	Maura Twomey, Heather Adamson and Paul Hierling	Megan Hunter and Adam Garrett
City of Santa Cruz	8/23/2019	1:00 PM	Maura Twomey, Heather Adamson and Paul Hierling	Lee Butler
City of Seaside	9/10/2019	11:00 AM	Heather Adamson and Paul Hierling	Rick Medina
County of Monterey	8/7/2019	4:00 PM	Maura Twomey, Heather Adamson and Paul Hierling	Brandon Swanson and John Dugan
County of Monterey	8/12/2019	3:15 PM	Paul Hierling	Darby Marshall and Anastacia Wyatt
County of San Benito	9/4/2019	1:00 PM	Maura Twomey, Heather Adamson and Paul Hierling	Harry Mavrogenes, Taven Kinison Brown and Jamila Saqqa
County of Santa Cruz	8/23/2019	3:00 PM	Maura Twomey, Heather Adamson and Paul Hierling	Kathy Molloy and Stephanie Hansen

*All attendees were at the meeting in person unless otherwise noted.

2022 Regional Growth Forecast
One-on-One Meetings
Round 2

Agency	Meeting Date	Time	AMBAG Attendees*	Jurisdiction Attendees*
City of Capitola	2/3/2020	9:30 AM	Heather Adamson	Katie Herlihy
City of Carmel-By-The-Sea	2/5/2020	9:30 AM	Maura Twomey, Gina Schmidt, Miranda Taylor	Marnie Waffle
City of Del Rey Oaks	2/13/2020	11:00 AM	Heather Adamson and Miranda Taylor	Dino Pick and Denise Duffy
City of Gonzales	2/7/2020	2:00 PM	Heather Adamson	Matthew Sundt
City of Greenfield	3/3/2020	9:00 AM	Heather Adamson, Maura Twomey and Miranda Taylor	Paul Mugan
City of Hollister	3/10/2020	2:00 PM	Heather Adamson	Abraham Prado, Jamila Saqqa, Eva Kelly and Ambur Cameron
City of King City	3/10/2020	11:00 AM	Heather Adamson, Maura Twomey and Miranda Taylor	Doreen Liberto-Blanck and Maricruz Aguilar-Navarro
City of Marina	2/26/2020	2:30 PM	Heather Adamson, Maura Twomey and Miranda Taylor	Christy Hopper and Lisa Berkley
City of Monterey	2/4/2020	1:00 PM	Heather Adamson, Maura Twomey, Miranda Taylor	Kim Cole
City of Pacific Grove	2/5/2020	11:30 AM	Maura Twomey, Gina Schmidt, Miranda Taylor	Anastazia Aziz and Alyson Hunter
City of Salinas	3/2/2020	10:00 AM	Heather Adamson and Miranda Taylor	Megan Hunter and Tara Hullingers
City of San Juan Bautista	2/24/2020	9:00 AM	Heather Adamson	Don Reynolds and Mary Gilbert (SBtCOG)
City of Sand City	2/11/2020	3:00 PM	Heather Adamson, Maura Twomey, Miranda Taylor	Chuck Pooler and Aaron Blair
City of Santa Cruz	3/9/2020	11:00 AM	Heather Adamson	Lee Butler, Katherine Donovan and Eric Marlatt
City of Scotts Valley	2/3/2020	11:30 AM	Heather Adamson	Taylor Bateman
City of Seaside	3/3/2020	2:00 PM	Heather Adamson, Maura Twomey, Paul Hierling and Miranda Taylor	Kurt Overmeyer, Gloria Stearns and Sharon Mikesell
City of Soledad	2/24/2020	1:30 PM	Heather Adamson and Miranda Taylor	Brent Slama
City of Watsonville	2/21/2020	10:00 AM	Heather Adamson	Suzi Merriam and Justin Meek
	2/21/2020	10:00 AM	Heather Adamson	Suzi Merriam and Justin Meek
County of Monterey	3/17/2020	2:30 PM	Heather Adamson (phone) and Paul Hierling (phone)	Brandon Swanson (phone)
County of San Benito	3/4/2020	3:00 PM	Heather Adamson and Maura Twomey	Harry Mavrogenes and Taven Kinison Brown

County of Santa Cruz	3/9/2020	3:00 PM	Heather Adamson	Kathy Molloy, Paia Levine, Barbara Mason, Stephanie Hansen and Anais Schenk
CSU Monterey Bay	2/5/2020	3:00 PM	Maura Twomey, Gina Schmidt, Miranda Taylor	Anya Spear and Matt McCluney
Monterey County LAFCO	2/11/2020	1:00 PM	Heather Adamson, Maura Twomey, Miranda Taylor	Kate McKenna
Santa Cruz County LAFCO	2/21/2020	1:00 PM	Heather Adamson	Joe Serrano
UC Santa Cruz	2/25/2020	10:30 AM	Heather Adamson	Jolie Kerns and Oxo Slayer

Agency	Meeting Date	Meeting Time	Location	AMBAG Attendees	Jurisdiction Attendees
City of Capitola	5/19/2020	1:00 PM	GoTo Meeting	Maura Twomey, Heather Adamson, Paul Hierling, and Miranda Taylor	Katie Herlihy
City of Carmel-By-The-Sea	5/26/2020	1:00 PM	GoTo Meeting	Maura Twomey, Heather Adamson, Paul Hierling, and Miranda Taylor	Marnie Waffle
City of Del Rey Oaks	6/17/2020	4:00 PM	GoTo Meeting	Maura Twomey, Heather Adamson, Paul Hierling, and Miranda Taylor	Dino Pick and Denise Duffy
City of Gonzales	5/26/2020	3:00 PM	GoTo Meeting	Heather Adamson, Paul Hierling, and Miranda Taylor	Matthew Sundt
City of Greenfield	6/11/2020	11:00 AM	GoTo Meeting	Maura Twomey, Heather Adamson, and Miranda Taylor	Paul Mugan
City of Hollister	5/29/2020	10:00 AM	GoTo Meeting	Maura Twomey, Heather Adamson, Paul Hierling, and Miranda Taylor	Abraham Prado, Jamila Saqqa, Eva Kelly and Ambur Cameron from Hollister; Mary Gilbert from SBtCOG. Additionally, various consulants for the Hollister General Plan attended this meeting.
City of King City	6/2/2020	1:00 PM	GoTo Meeting	Heather Adamson and Miranda Taylor	Doreen Liberto-Blanck and Maricruz Aguilar-Navarro
City of Marina	5/28/2020	10:00 AM	GoTo Meeting	Maura Twomey, Heather Adamson, Paul Hierling, and Miranda Taylor	Christy Hopper and Fred Aegerter
City of Monterey	5/29/2020	1:00 PM	GoTo Meeting	Maura Twomey, Heather Adamson, Paul Hierling, and Miranda Taylor	Kimberly Cole
City of Pacific Grove	5/19/2020	3:00 PM	GoTo Meeting	Maura Twomey, Heather Adamson, Paul Hierling, and Miranda Taylor	Anastazia Aziz, Alyson Hunter and Terri Schaeffer
City of Salinas	6/8/2020	2:00 PM	GoTo Meeting	Maura Twomey, Heather Adamson, Paul Hierling, and Miranda Taylor	Megan Hunter, Tara Hullinger, and Jonathan Moore
City of San Juan Bautista	6/1/2020	1:30 PM	GoTo Meeting	Maura Twomey, Heather Adamson, Paul Hierling, and Miranda Taylor	Don Reynolds and Mary Gilbert from SBtCOG
City of Sand City	6/17/2020	9:00 AM	GoTo Meeting	Heather Adamson, Paul Hierling, and Miranda Taylor	Chuck Pooler and Aaron Blair
City of Santa Cruz	5/18/2020	9:00 AM	GoTo Meeting	Maura Twomey, Heather Adamson, Paul Hierling, and Miranda Taylor	Lee Butler, Katherine Donovan, Bonnie Lipscomb, Eric Marlatt and Matt Vanhua
City of Scotts Valley	6/3/2020	1:00 PM	GoTo Meeting	Maura Twomey, HPaul Hierling, and Miranda Taylor	Taylor Bateman

City of Seaside	6/11/2020	4:00 PM	GoTo Meeting	Maura Twomey, Heather Adamson, Paul Hierling, and Miranda Taylor	Kurt Overmeyer and Gloria Stearns
City of Soledad	6/16/2020	1:00 PM	GoTo Meeting	Maura Twomey, Heather Adamson, Paul Hierling, and Miranda Taylor	Brent Slama
City of Watsonville	6/2/2020	3:00 PM	GoTo Meeting	Maura Twomey, Heather Adamson, Paul Hierling, and Miranda Taylor	Suzi Merriam and Justin Meek
County of Monterey	6/3/2020	9:00 AM	GoTo Meeting	Maura Twomey, Paul Hierling, and Miranda Taylor	Brandon Swanson, John Dugan and Anastacia Wyatt
County of Monterey	6/29/2020	1:00 PM	GoTo Meeting	Maura Twomey, Paul Hierling, Miranda Taylor and Beth Jarosz (consultant)	Brandon Swanson, John Dugan, Craig Spencer and Anastacia Wyatt
County of San Benito	6/1/2020	9:00 AM	GoTo Meeting	Maura Twomey, Heather Adamson, Paul Hierling, and Miranda Taylor	Harry Mavrogenes, Tave Kinison Brown and Mary Gilbert from SBtCOG
County of Santa Cruz	5/18/2020	3:00 PM	GoTo Meeting	Maura Twomey, Heather Adamson, Paul Hierling, and Miranda Taylor	Paia Levine, Barbara Mason, Anais Schenk, Kathy Molly, Stephanie Hansen
CSU Monterey Bay	6/16/2020	3:00 PM	GoTo Meeting	Maura Twomey, Heather Adamson, Paul Hierling, and Miranda Taylor	Anya Spear, Matt McCluney, and Kathleen Ventimiglia
CSU Monterey Bay	7/10/2020	1:00 PM	GoTo Meeting	Heather Adamson and Beth Jarosz (consultant)	Matt McCluney and Kathleen Ventimiglia
UC Santa Cruz	6/15/2020	3:00 PM	GoTo Meeting	Maura Twomey, Heather Adamson, Paul Hierling, and Miranda Taylor	Oxo Slayer

ASSOCIATION OF MONTEREY BAY AREA GOVERNMENTS

MEMORANDUM

TO:	**AMBAG Planning Directors Forum**
FROM:	**Heather Adamson, Director of Planning**
SUBJECT:	**2045 Metropolitan Transportation Plan/Sustainable Communities Strategy Update**
MEETING DATE:	**August 31, 2020**
RECOMMENDATION:	**INFORMATION**

Receive an update on the development of the 2045 Metropolitan Transportation Plan/Sustainable Communities Strategy (MTP/SCS).

BACKGROUND/ DISCUSSION:

AMBAG adopted the 2040 Metropolitan Transportation Plan/Sustainable Communities Strategy (MTP/SCS) in June 2018. Federal and state law requires that AMBAG prepare a long-range transportation plan every four years. In accordance with state and federal guidelines, the 2045 MTP/SCS is scheduled for adoption by the Board of Directors in June 2022. Staff developed the 2045 MTP/SCS Plan Work Program and Schedule which was approved by the AMBAG Board of Directors in April 2019. The 2045 MTP/SCS activities underway are highlighted below.

2045 MTP/SCS Performance Measures

The 2045 MTP/SCS performance measures used to evaluate each of the policy goals have been updated and new metrics added (Attachment 1). Performance measures allow us to quantify regional goals, estimate the impacts of proposed investments, and evaluate progress over time. The AMBAG Board of Directors accepted the updated performance measures for the 2045 MTP/SCS in February 2020. AMBAG staff is currently developing methodologies to calculate the new measures to be included in the 2045 MTP/SCS.

Transportation Project List

AMBAG is working with the RTPAs, transit operators, Caltrans and local jurisdictions to update the transportation project list for the 2045 MTP/SCS using the TELUS database. AMBAG and RTPA staff are making changes to existing 2040 MTP/SCS projects, such as changes to cost estimates and project phasing, as well as adding new projects or identifying projects that have been completed. SCCRTC staff is working with local jurisdictions and other project sponsors to obtain updates to local projects that will be then entered into the TELUS database.

Land Use Inputs and Mapping Updates

AMBAG staff will begin to work with local jurisdictions to update land use inputs for the PlaceTypes and Opportunity Area maps for the SCS. The PlaceTypes maps will be updated for 2020 and 2045 using an online tool. AMBAG staff will hold online training sessions for all local jurisdictions staff to attend to update land uses in their respective jurisdictions. Local jurisdiction planning staff are asked to attend one training to learn on to update the land uses using the online tool. The revisions to the PlaceType maps are due in December 2020.

Beginning in early 2021, AMBAG will also work with local jurisdiction planning staff to update the Opportunity Area (OA) maps for the SCS. Similar to the PlaceType map update process, AMBAG is expecting to use an online tool to update the maps and will hold training sessions in 2021.

2045 MTP/SCS Financial Assumptions and Scenario Development

AMBAG has been working with our transportation partners to develop financial assumptions for the MTP/SCS through 2045. The financial assumptions will guide how much local, state and federal funding will be reasonably available for the transportation investments included in the 2045 MTP/SCS. Information on future revenues available will be presented to the Planning Directors Forum at a future meeting.

Beginning later this year, MTP/SCS scenarios will be developed and evaluated. The scenarios will include various combinations of land use assumptions and various multimodal transportation improvements and investments. The scenarios will be evaluated using the Regional Travel Demand Model.

Next Steps

Staff will continue to develop the various components of the 2045 MTP/SCS working with the Planning Directors Forum, Technical Advisory Committees, partner agencies and key stakeholders.

Attachments:
1. 2045 MTP/SCS Performance Measures
2. Draft Environmental Justice Definitions

2045 MTP/SCS – Regional Performance Measures
August 2020

Access and Mobility

- Commute Travel Time (minutes)
- Work Trips Within 30 Minutes (percentage)
- Population Within 30 Minutes of Parks (percentage)*
- Population Within 30 Minutes of Healthcare (percentage)*
- Daily Vehicle Delay Per Capita (minutes)*

Economic Vitality

- Population Near High Quality Transit (percentage)*
- Jobs Near High Quality Transit (percentage)
- Daily Truck Delay (hours)
- Income Consumed by Out of Pocket Transportation Costs (percentage)*

Environment

- GHG Reductions (Percent reduction from 2005 baseline)
- Open Space Consumed (acres)
- Farmland Converted (acres)

Healthy Communities

- Growth in Opportunity Areas (percentage)*
- Alternative Transportation Trips (percentage)
- Population Near Bike facilities (percentage)*
- Jobs Near Bike Facilities (percentage)*
- Peak Period Congested Vehicle Miles of Travel (miles)

Social Equity

- Distribution of MTP/SCS Investments (percentage)
  - Low income areas
  - Non low income areas
  - Minority areas

- o Non minority areas
- o Low mobility (zero car households and aged populations)*
- o Low community Engagement (linguistic isolation and education attainment)*
- Access to Transit within 1/2 mile (percentage)
  - o Low income population
  - o Non low income population
  - o Minority population
  - o Non minority population
  - o Low mobility (zero car households and aged populations)*
  - o Low community engagement (linguistic isolation and education attainment)*

System Preservation and Safety

- Maintain the Transportation System (percentage)
- Fatalities and Injuries per 1,000 VMT
- Annual Projected Bike/Pedestrian Fatalities and Injuries per 1,000 VMT

* Denotes new performance metric
Note: Low income and minority populations definitions will be revised.

2045 MTP/SCS
Environmental Justice Definitions and Thresholds
Draft for Discussion

Minority: The definition of minority individual was considered any non white or mixed race person according to the 2015 5-Year American Community Survey (ACS) data. Conversely, a non minority individual was considered any white or non Hispanic person. For the purposes of this analysis, a tract was considered to be predominantly minority if greater than 65% of the total population was non white. This is the same definition used in the adopted 2040 MTP/SCS.

Low Income: AMBAG chose to use 200% of the federal poverty level for 2015 as the definition for low income. This reflects the higher cost of living in the AMBAG region. For the purpose of this analysis, a tract was considered predominantly low income if greater than 33% of residing families earned less than 200% of the federal poverty level annually.

Low Mobility:

Aged Population: Population aged 65 and over that had income below the poverty level are considered low mobility. For this analysis, a tract was considered low mobility if 15% of the population aged 65 and over had income below the poverty level.

Zero-Car Households: Households that have zero-vehicle ownership fall into the low mobility category. For this analysis, a tract was considered low mobility if 15% of the households in the tract have zero-car ownership.

Disability: Census reports disability in six categories: Hearing difficulty, vision difficulty, cognitive difficulty, ambulatory difficulty, self-care difficulty, and independent living difficulty. For this analysis, all categories of disability are used. Tracts with 11.12% disabled population, or the highest 20% above the regional average, was selected.

Low Community Engagement:

Limited English Proficiency: Households where English is not the primary language and English is not spoken "very well." A tract was considered to have low community engagement if 15% of the tract were households where English is not spoken "very well."

Educational Attainment: Population over age 25 who have not earned a high school diploma. A tract was considered to have low community engagement if 15% of the tract is over the age of 25 without a high school diploma.

Note: 2015 American Community Survey (ACS) data was used to analyze the existing conditions for the 2015 base year for use in the 2045 MTP/SCS.