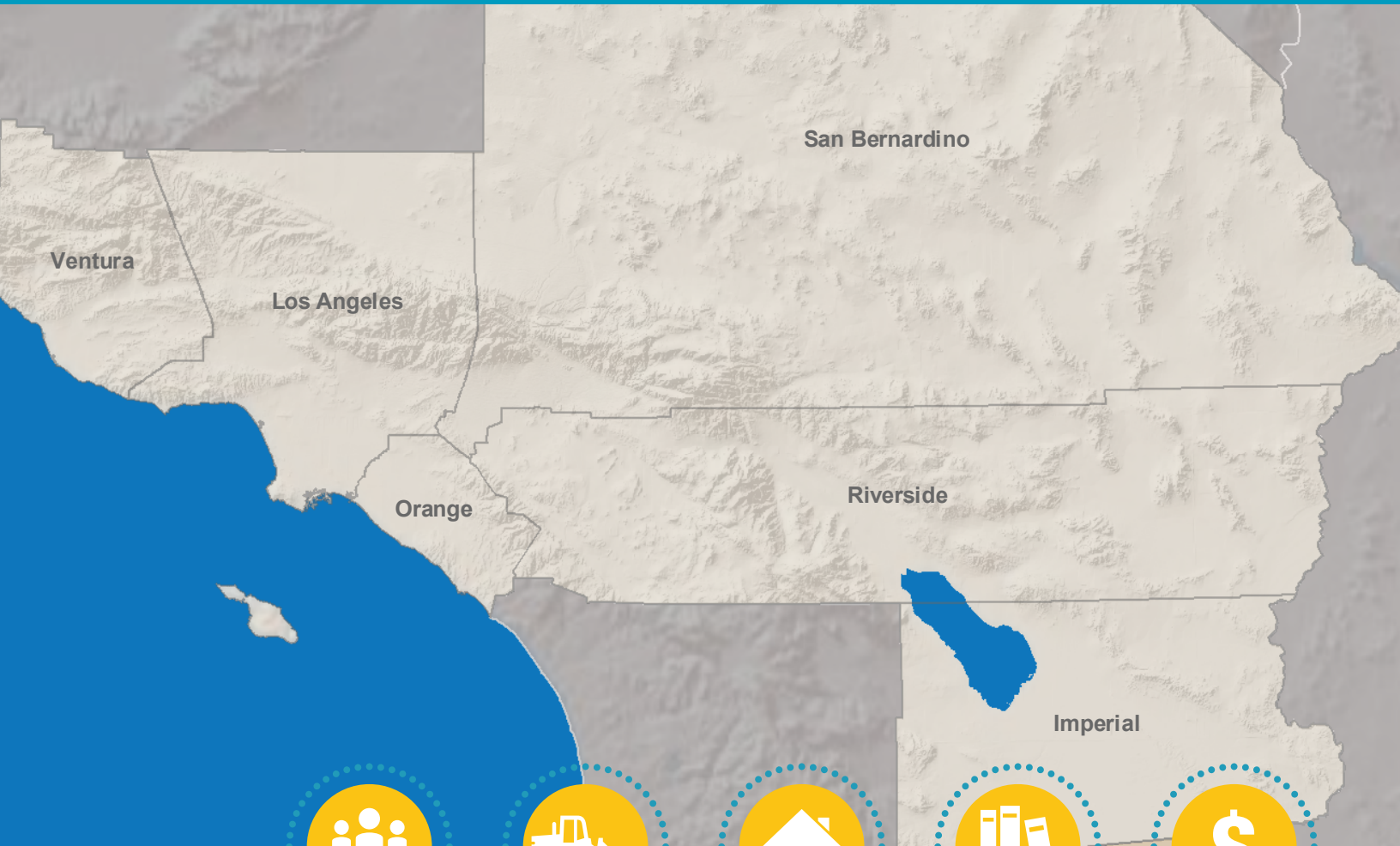


# AUGUST 2020 MONTHLY ECONOMIC REPORT

MODELING AND FORECASTING DEPARTMENT



## ABOUT THIS REPORT

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

## ABOUT SCAG

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



For more information, please contact:

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*Modeling and Forecasting Department*

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

\* Not seasonally-adjusted

FIGURE 1

2018-2020  
Employment

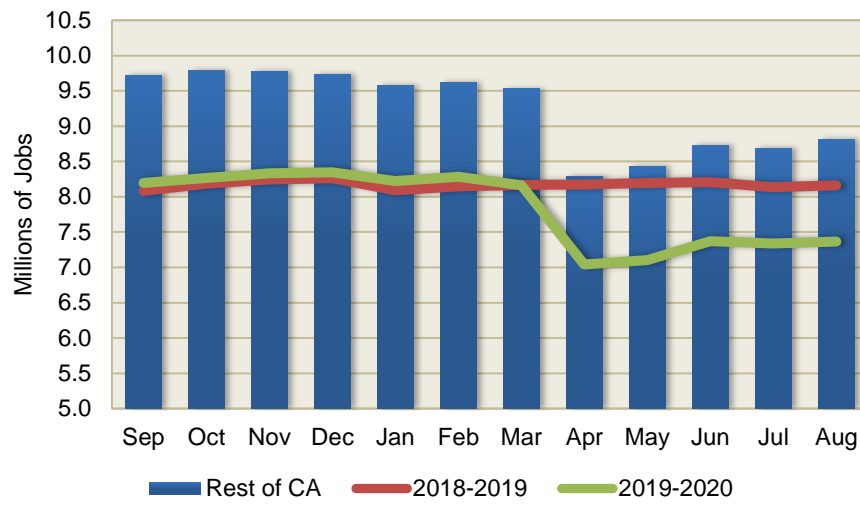


FIGURE 2

Change in Employment  
From Previous Year

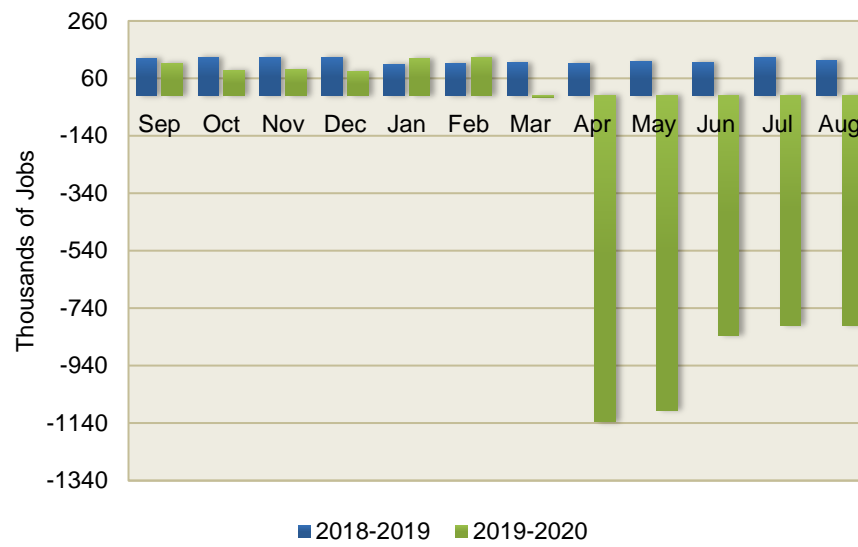


FIGURE 3

Comparative  
Unemployment Rates  
SCAG Region vs. U.S.  
2019-2020

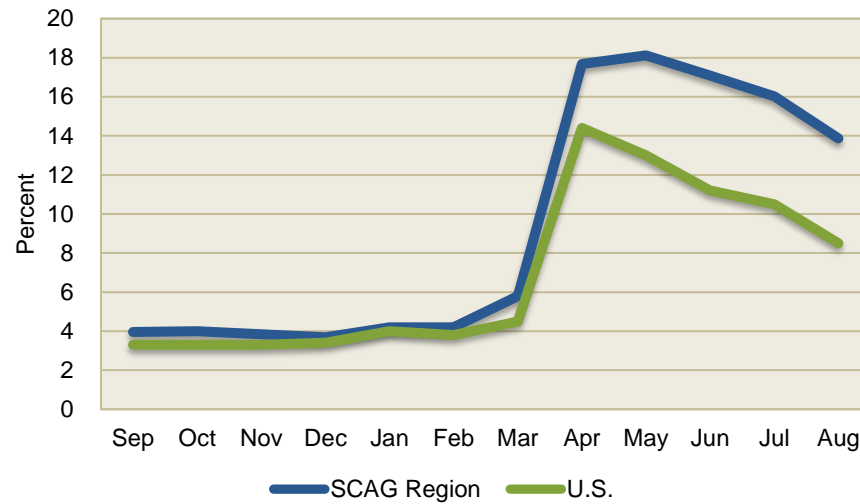
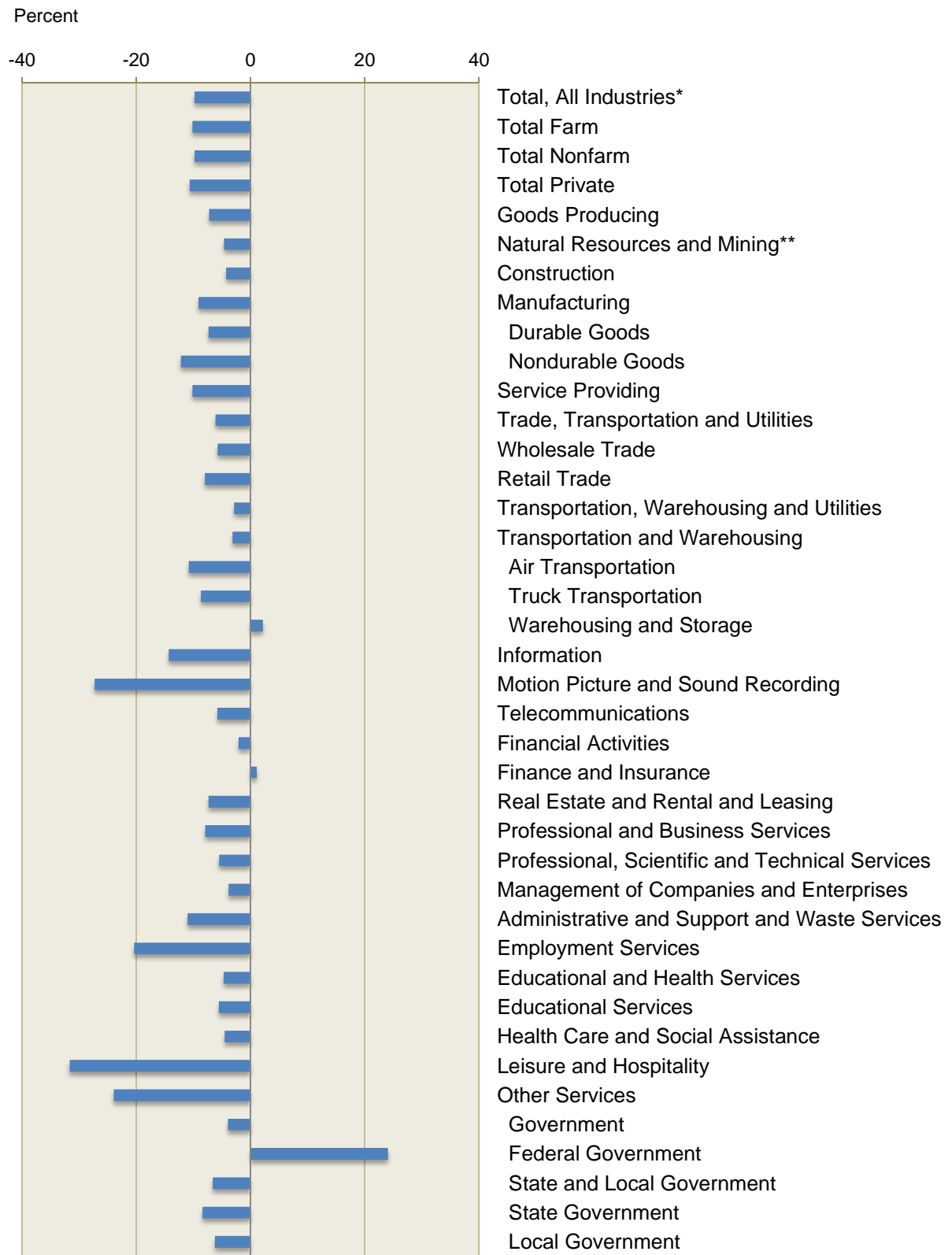


FIGURE 4

**Percentage Change in Employment by Major Sector**

(Aug. 2019 - Aug. 2020)  
SCAG Region

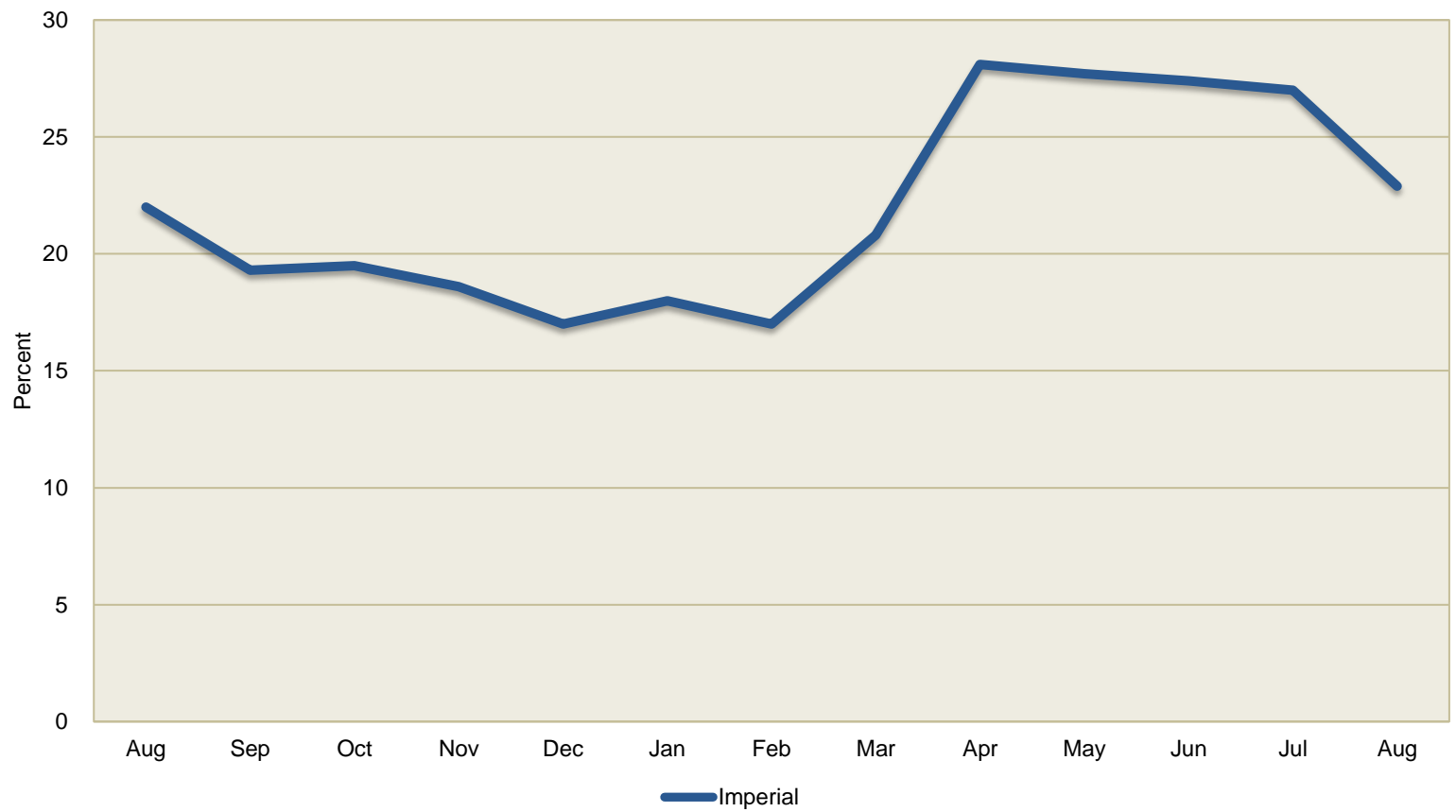
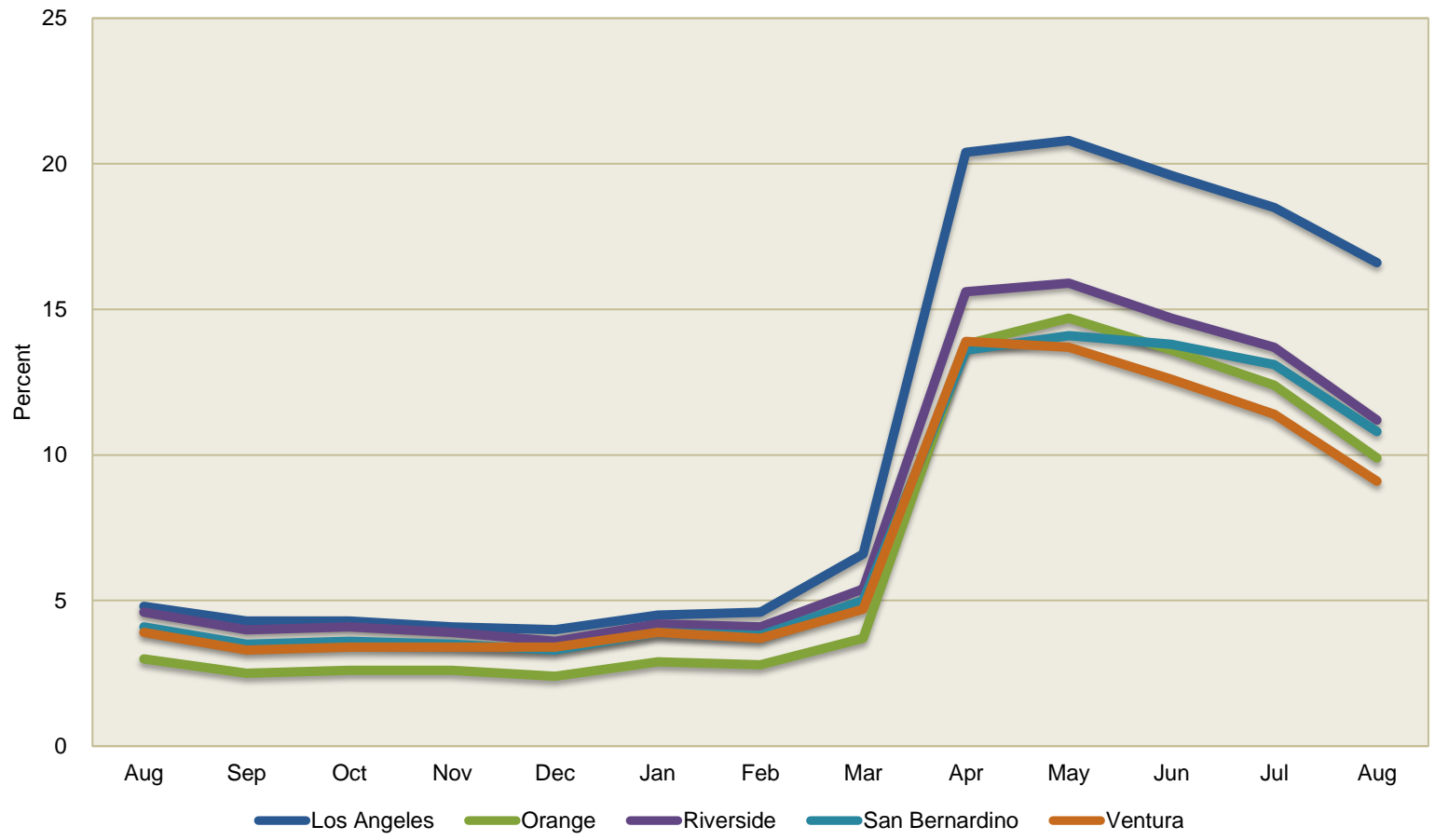


\* Excludes self employed, unpaid family members, household domestic workers, and workers on strike.

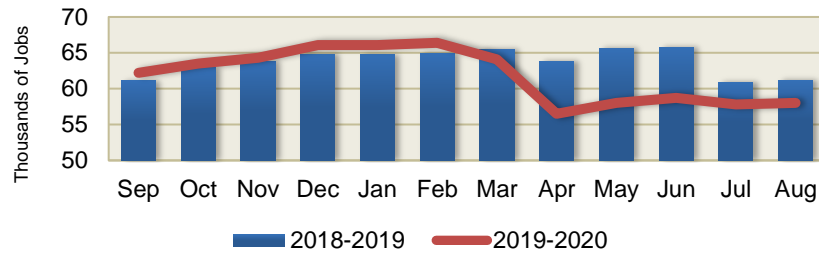
\*\* For Imperial County, includes construction.

**FIGURE 5**  
**Comparative Unemployment Rates**  
**2019-2020**

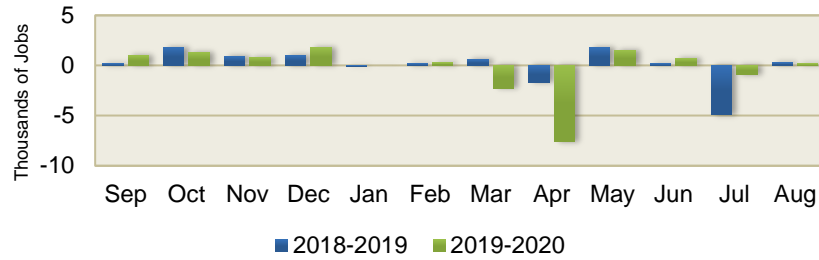
Counties in SCAG Region  
 2019-2020



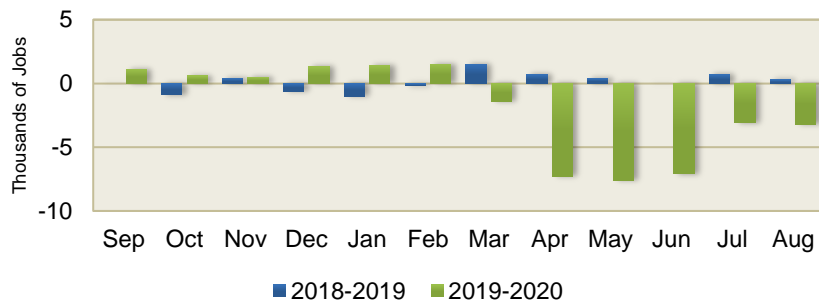
**FIGURE 6-1**  
Imperial County  
**Wage and Salary**  
2018-2020



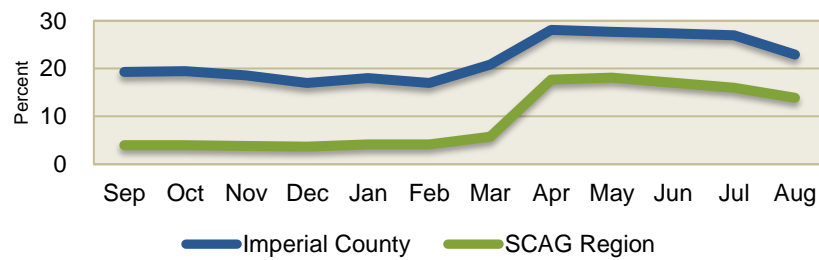
**FIGURE 6-2**  
Imperial County  
**Change in Employment**  
From Previous month



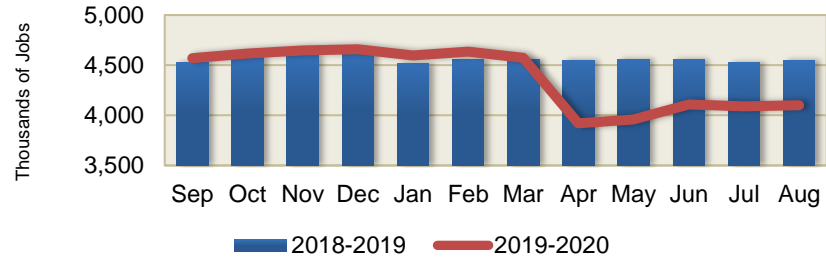
**FIGURE 6-3**  
Imperial County  
**Change in Employment**  
From Previous year



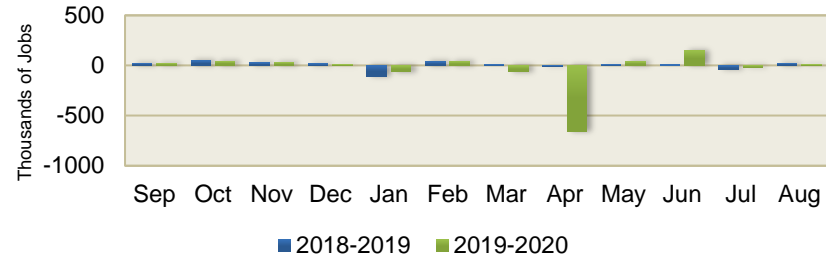
**FIGURE 6-4**  
Imperial County  
**Comparative**  
**Unemployment Rates**  
2019-2020



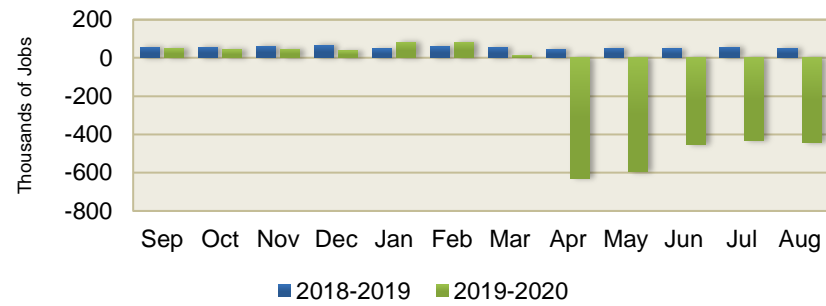
**FIGURE 7-1**  
Los Angeles County  
**Wage and Salary**  
2018-2020



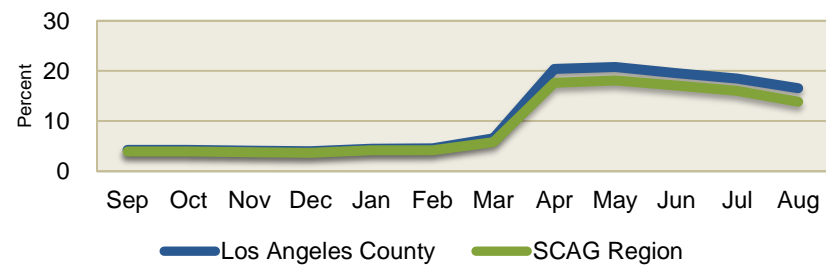
**FIGURE 7-2**  
Los Angeles County  
**Change in Employment**  
From Previous month



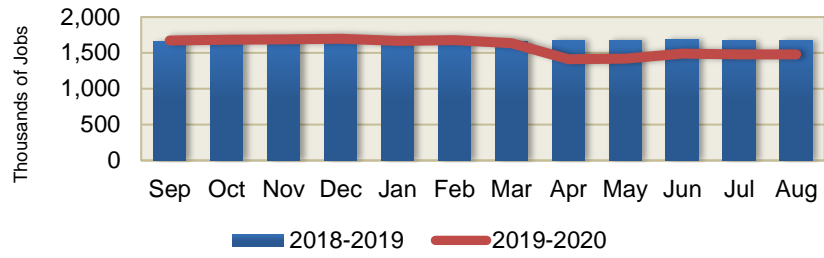
**FIGURE 7-3**  
Los Angeles County  
**Change in Employment**  
From Previous year



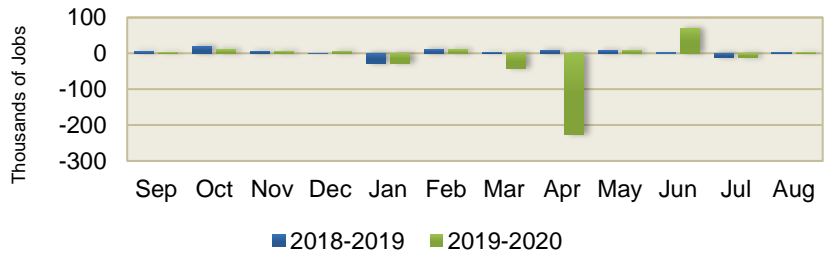
**FIGURE 7-4**  
Los Angeles County  
**Comparative**  
**Unemployment Rates**  
2019-2020



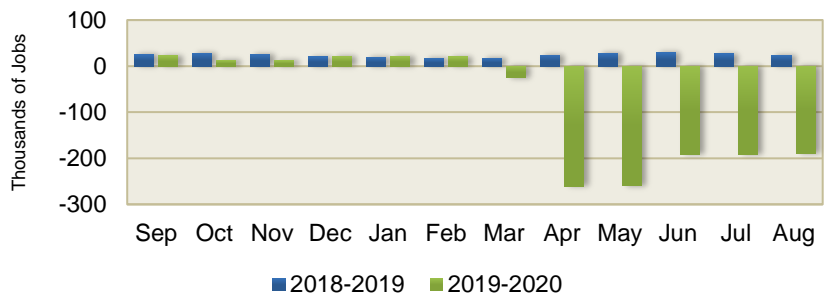
**FIGURE 8-1**  
Orange County  
**Wage and Salary**  
2018-2020



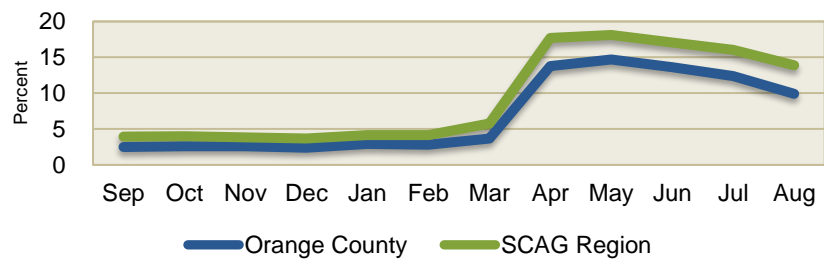
**FIGURE 8-2**  
Orange County  
**Change in Employment**  
From Previous month



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

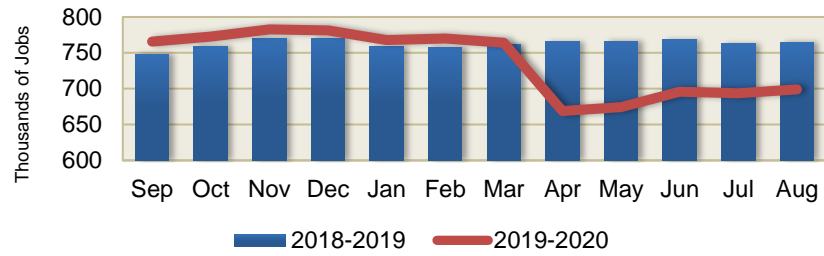


**FIGURE 8-4**  
Orange County  
**Comparative**  
**Unemployment Rates**  
2019-2020

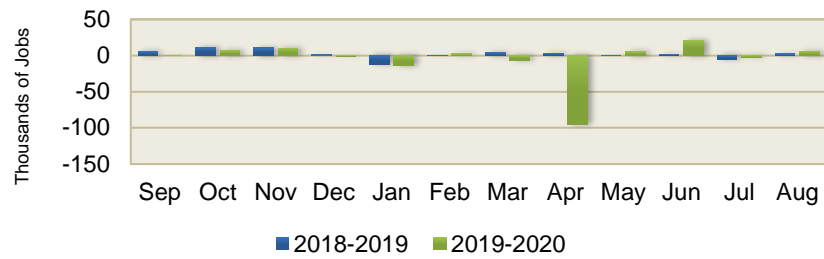




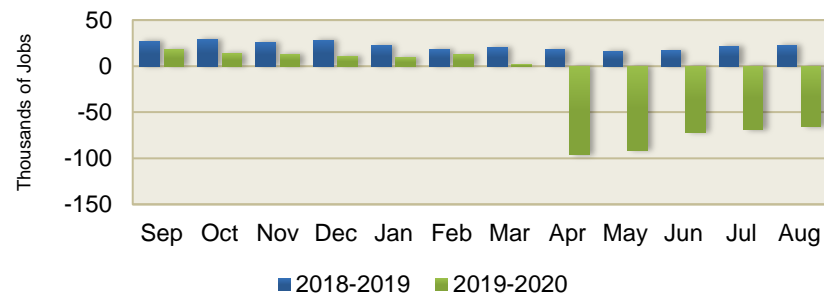
**FIGURE 9-1**  
Riverside County  
**Wage and Salary**  
2018-2020



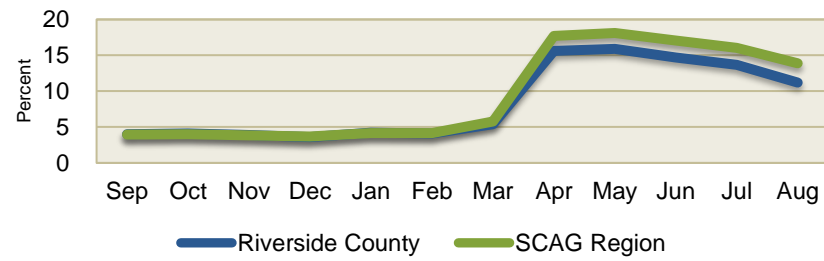
**FIGURE 9-2**  
Riverside County  
**Change in Employment**  
From Previous month



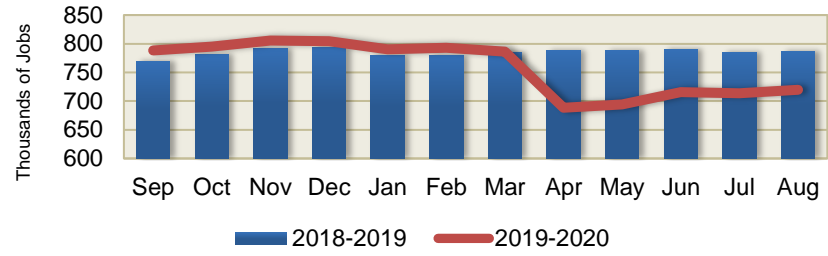
**FIGURE 9-3**  
Riverside County  
**Change in Employment**  
From Previous year



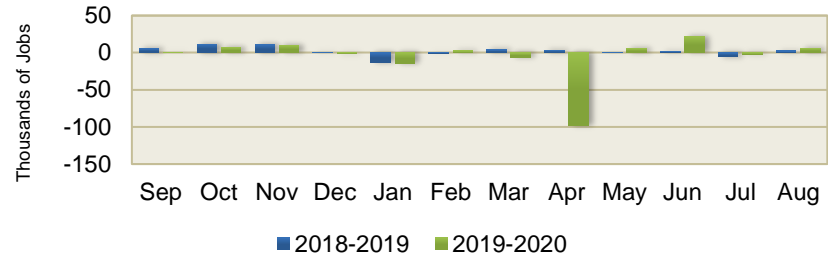
**FIGURE 9-4**  
Riverside County  
**Comparative**  
**Unemployment Rates**  
2019-2020



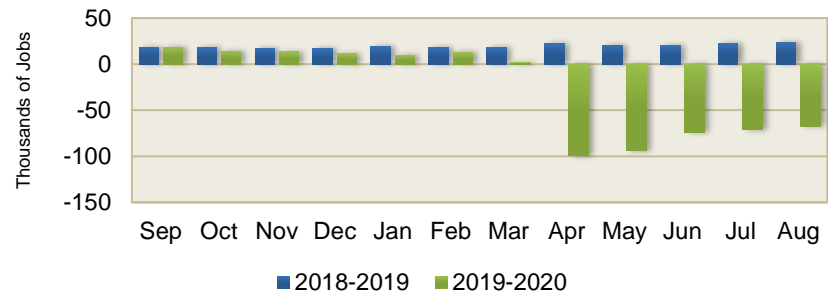
**FIGURE 10-1**  
San Bernardino County  
**Wage and Salary**  
2018-2020



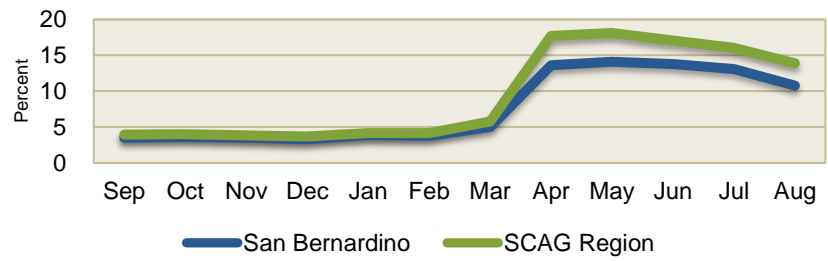
**FIGURE 10-2**  
San Bernardino County  
**Change in Employment**  
From Previous month



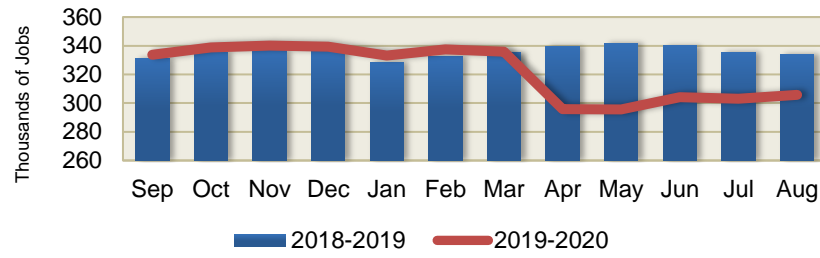
**FIGURE 10-3**  
San Bernardino County  
**Change in Employment**  
From Previous year  
(Thousands of Jobs)



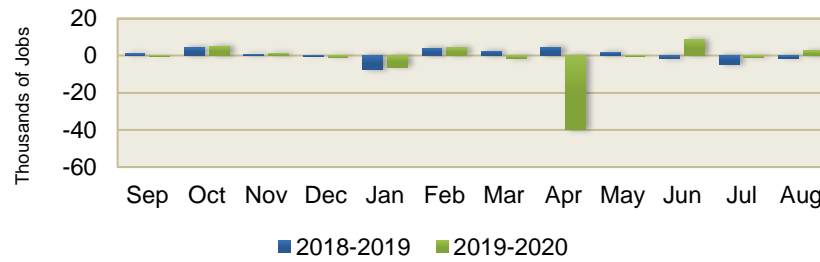
**FIGURE 10-4**  
San Bernardino County  
**Comparative**  
**Unemployment Rates**  
2019-2020



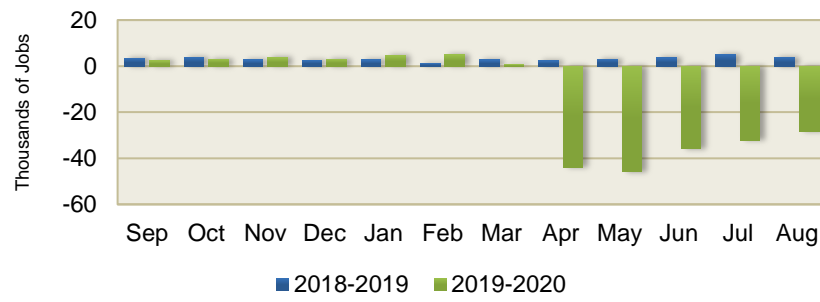
**FIGURE 11-1**  
Ventura County  
**Wage and Salary**  
2018-2020



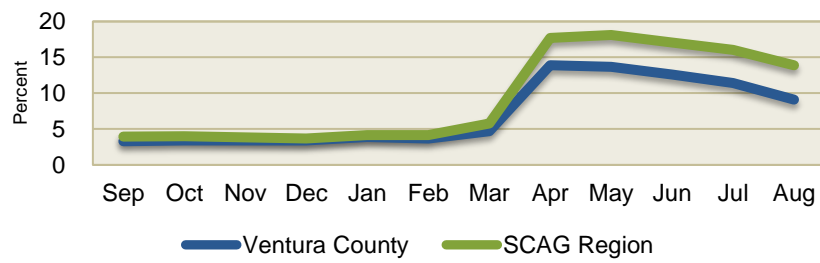
**FIGURE 11-2**  
Ventura County  
**Change in Employment**  
From Previous month



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



**FIGURE 11-4**  
Ventura County  
**Comparative**  
**Unemployment Rates**  
2019-2020



FIGURES 12-18 ARE BASED ON COMBINED TOTAL FOR THE REGION'S COUNTIES.

FIGURE 12

2018-2020  
Building Permits  
Single Family

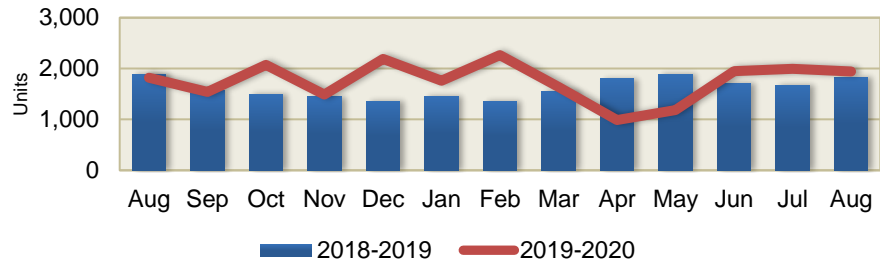


FIGURE 13

Building Permits  
Multi Family

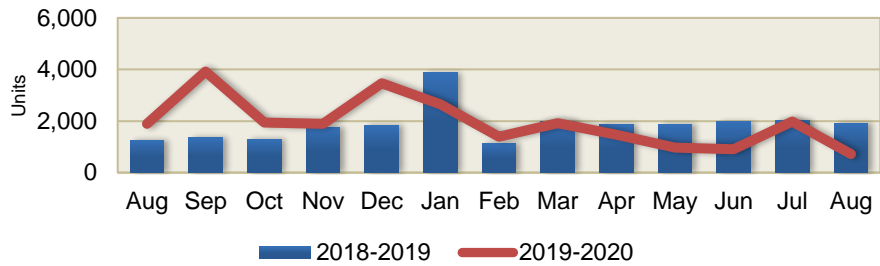


FIGURE 14

Valuation of Total  
Building Permits

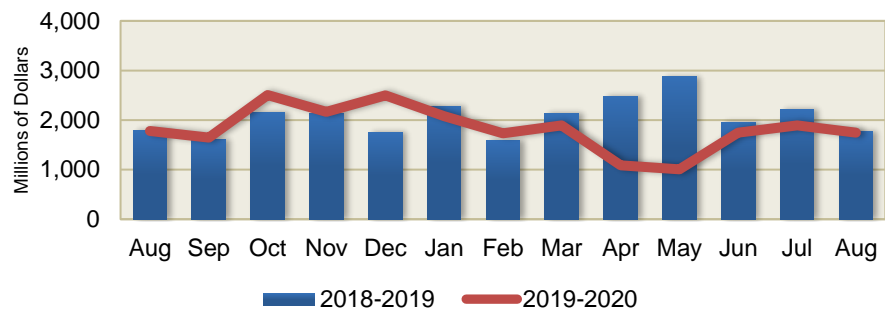


FIGURE 15

Valuation of Residential Building Permits

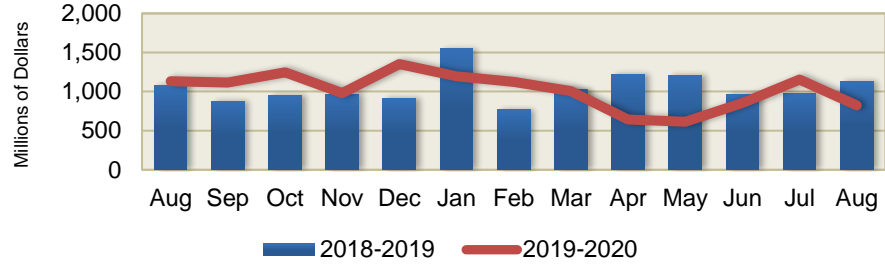


FIGURE 16

Valuation of Commercial Building Permits

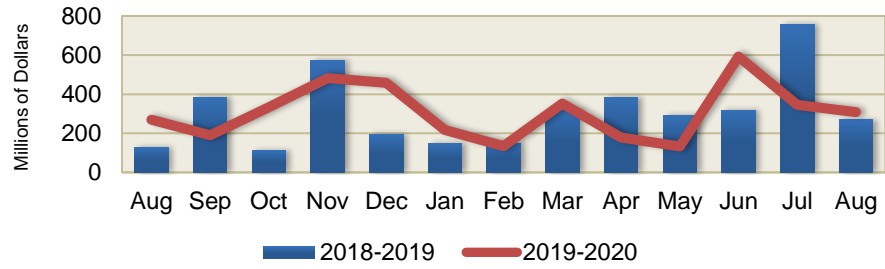


FIGURE 17

Valuation of Industrial Building Permits

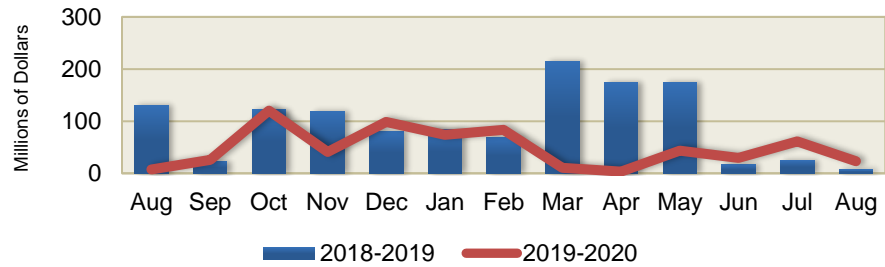


FIGURE 18

Valuation of Other Building Permits

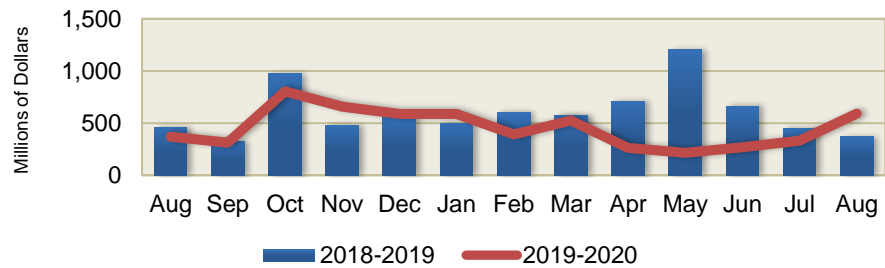


FIGURE 19

**Comparative Building Permits ( Residential )**

Southern California Association of Governments' Counties (Units)

2019-2020

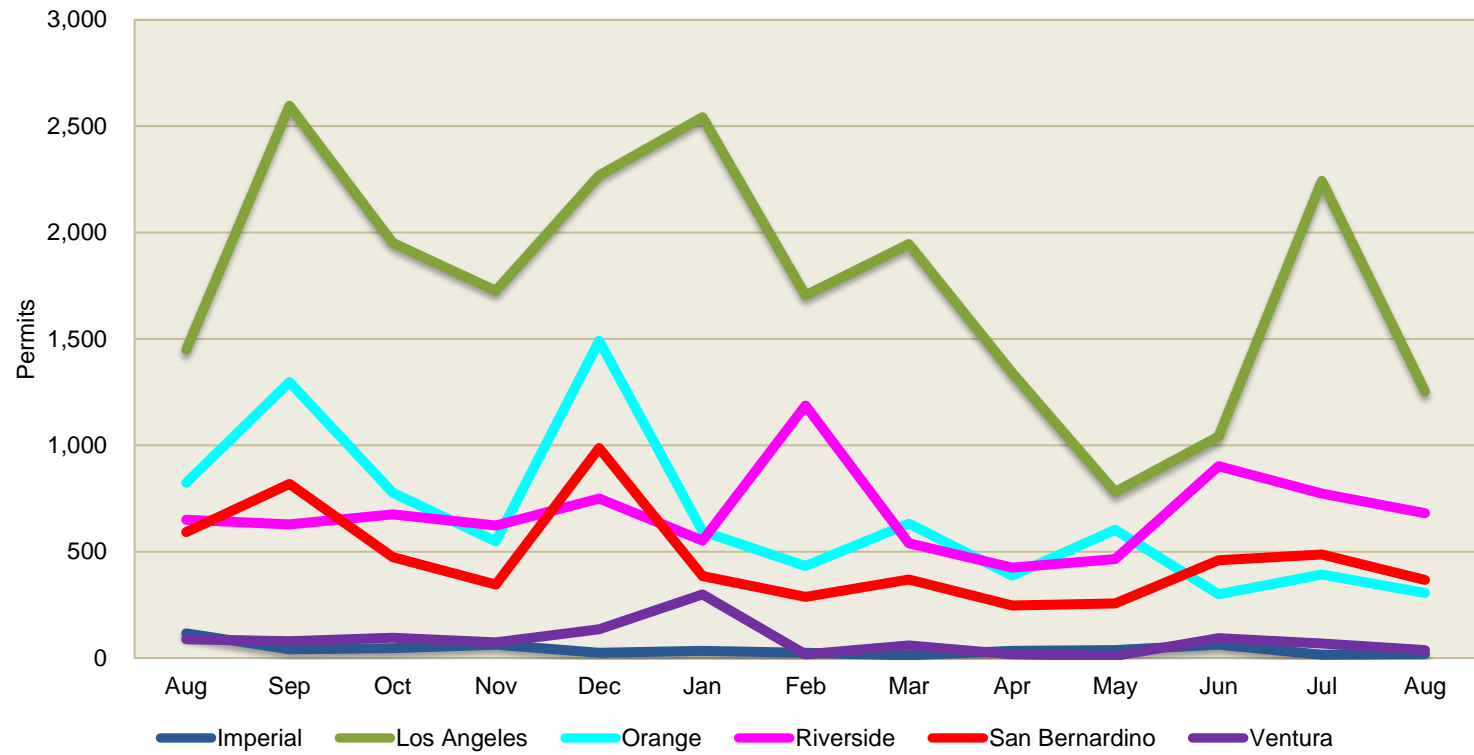


FIGURE 20

**Comparative Building Permits (Total valuation)**

Southern California Association of Governments' Counties (Millions of Dollars)

2019-2020

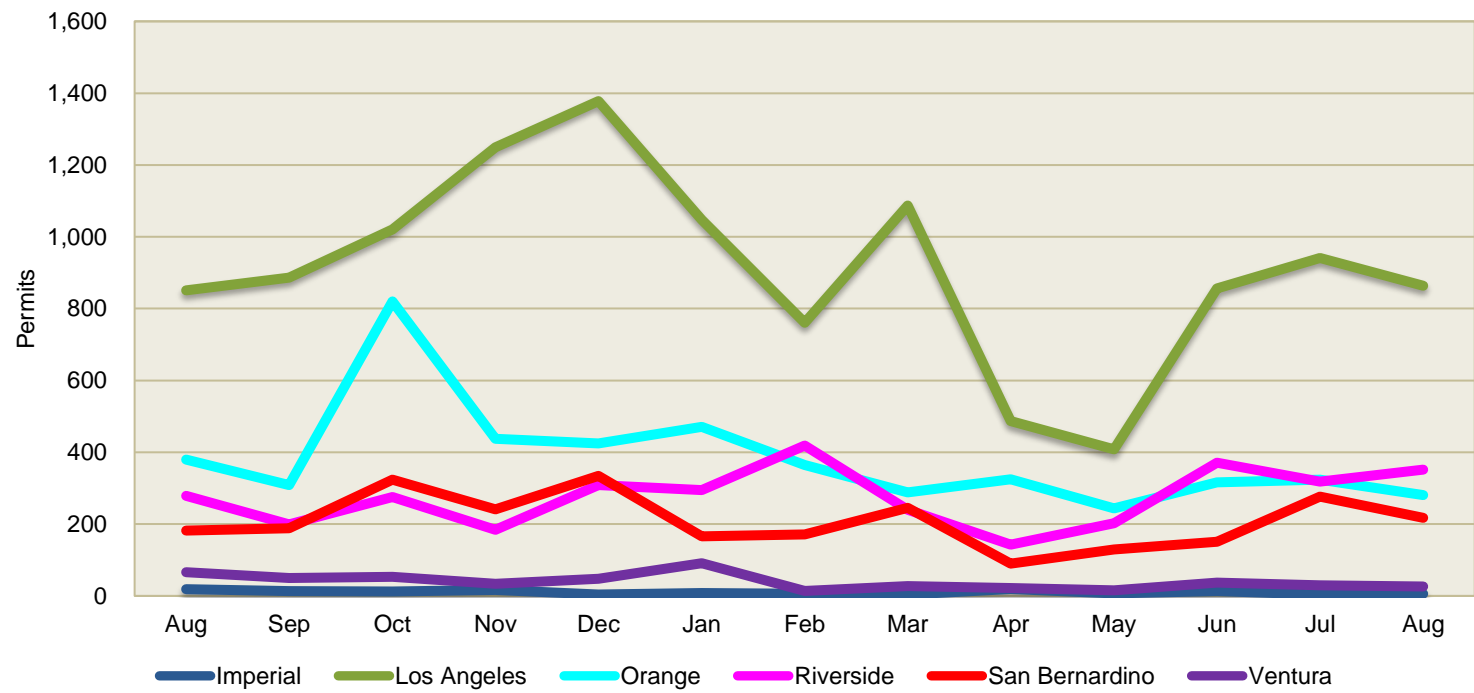


FIGURE 21

**Comparative Building Permits (Residential valuation)**

Southern California Association of Governments' Counties (Millions of Dollars)  
2019-2020

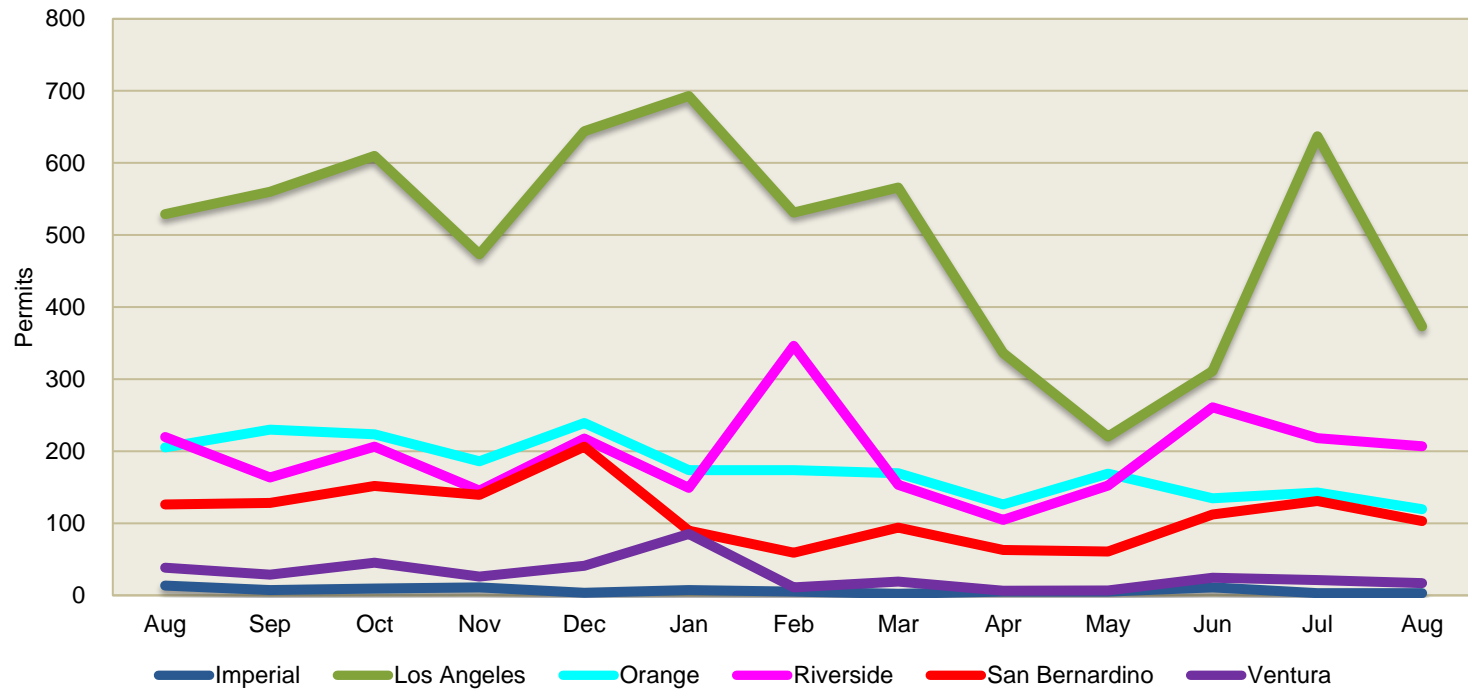
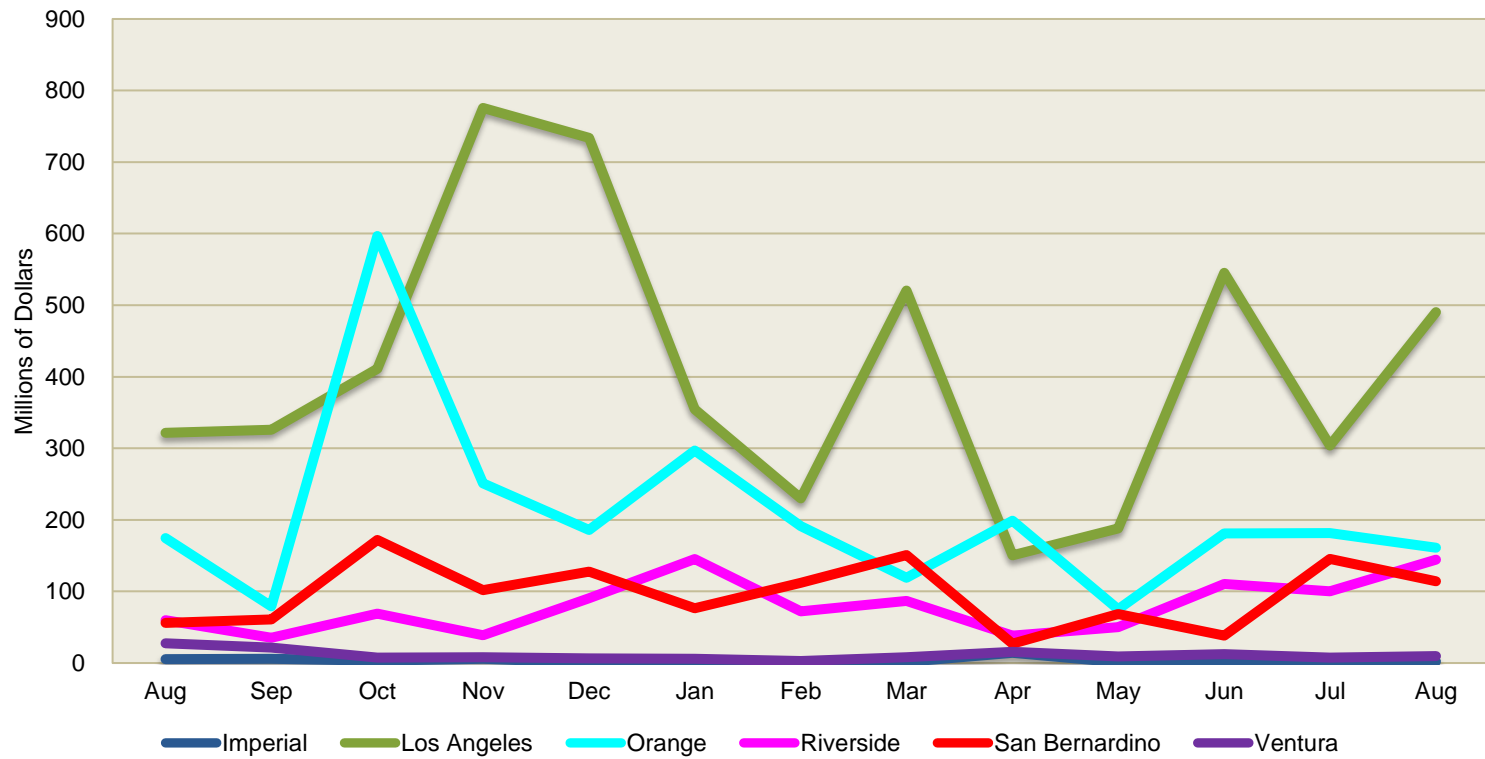


FIGURE 22

**Comparative Building Permits (Non-Residential valuation)**

Southern California Association of Governments' Counties (Millions of Dollars)  
2019-2020



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

COUNTY/MSA	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	% of Region Total Latest Month
<b>IMPERIAL</b>														
2018-2019	60.9	61.1	62.9	63.8	64.8	64.7	64.9	65.5	63.8	65.6	65.8	60.9	61.2	0.7%
2019-2020	61.2	62.2	63.5	64.3	66.1	66.1	66.4	64.1	56.5	58.0	58.7	57.8	58.0	0.8%
<b>LOS ANGELES</b>														
2018-2019	4,497.2	4,522.1	4,572.8	4,602.3	4,621.5	4,514.3	4,553.6	4,560.2	4,548.4	4,556.0	4,561.3	4,522.7	4,547.1	55.7%
2019-2020	4,547.1	4,571.1	4,615.0	4,648.5	4,658.7	4,596.0	4,636.8	4,573.6	3,920.1	3,960.3	4,107.2	4,090.8	4,102.6	55.7%
<b>ORANGE</b>														
2018-2019	1,647.5	1,652.3	1,671.5	1,678.1	1,676.8	1,648.7	1,659.5	1,662.9	1,672.1	1,679.8	1,680.9	1,669.5	1,671.3	20.5%
2019-2020	1,671.3	1,674.9	1,684.7	1,690.9	1,697.3	1,669.8	1,679.6	1,637.7	1,411.8	1,420.2	1,489.1	1,478.1	1,481.8	20.1%
<b>RIVERSIDE</b>														
2018-2019	742.5	747.8	759.2	769.8	770.6	758.2	758.0	761.9	765.2	765.8	767.9	762.6	764.9	9.4%
2019-2020	764.9	765.6	772.7	782.7	781.4	767.6	770.2	764.1	668.9	674.5	695.7	693.4	699.2	9.5%
<b>SAN BERNARDINO</b>														
2018-2019	764.1	769.6	781.3	792.2	793.1	780.4	780.1	784.2	787.6	788.2	790.4	784.9	787.2	9.6%
2019-2020	787.2	787.9	795.2	805.5	804.3	790.1	792.7	786.4	688.4	694.2	716.0	713.6	719.7	9.8%
<b>VENTURA</b>														
2018-2019	330.1	331.2	335.6	336.4	336.1	328.5	332.5	335.0	339.6	341.5	339.9	335.3	333.9	4.1%
2019-2020	333.9	333.6	338.7	340.1	339.2	333.1	337.4	335.8	295.8	295.6	304.1	303.1	305.7	4.1%
<b>SCAG REGION</b>														
2018-2019														
	8,042.3	8,084.1	8,183.3	8,242.6	8,262.8	8,094.8	8,148.6	8,169.7	8,176.7	8,196.9	8,206.2	8,135.9	8,165.6	100.0%
2019-2020	8,165.6	8,195.3	8,269.8	8,332.0	8,347.0	8,222.7	8,283.1	8,161.6	7,041.5	7,102.7	7,370.7	7,336.8	7,367.0	100.0%
(12MMA)*	8,172.3	8,181.5	8,188.7	8,196.2	8,203.2	8,213.9	8,225.1	8,224.4	8,129.8	8,038.6	7,969.0	7,902.4	7,835.9	

\* 12 Month Moving Average (12MMA for July 2020)=Average of August 2019 through August 2020

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

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

COUNTY/MSA	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
<b>IMPERIAL</b>													
2018-2019	0.7	0.2	1.8	0.9	1.0	-0.1	0.2	0.6	-1.7	1.8	0.2	-4.9	0.3
2019-2020	0.3	1.0	1.3	0.8	1.8	0.0	0.3	-2.3	-7.6	1.5	0.7	-0.9	0.2
<b>LOS ANGELES</b>													
2018-2019	31.2	24.9	50.7	29.5	19.2	-107.2	39.3	6.6	-11.8	7.6	5.3	-38.6	24.4
2019-2020	24.4	24.0	43.9	33.5	10.2	-62.7	40.8	-63.2	-653.5	40.2	146.9	-16.4	11.8
<b>ORANGE</b>													
2018-2019	4.5	4.8	19.2	6.6	-1.3	-28.1	10.8	3.4	9.2	7.7	1.1	-11.4	1.8
2019-2020	1.8	3.6	9.8	6.2	6.4	-27.5	9.8	-41.9	-225.9	8.4	68.9	-11.0	3.7
<b>RIVERSIDE</b>													
2018-2019	1.2	5.3	11.4	10.6	0.8	-12.3	-0.2	3.9	3.3	0.6	2.1	-5.3	2.3
2019-2020	2.3	0.7	7.1	10.0	-1.2	-13.8	2.6	-6.2	-95.2	5.6	21.2	-2.3	5.9
<b>SAN BERNARDINO</b>													
2018-2019	1.2	5.5	11.7	10.9	0.8	-12.7	-0.3	4.1	3.4	0.6	2.2	-5.5	2.3
2019-2020	2.3	0.7	7.3	10.3	-1.3	-14.2	2.6	-6.3	-97.9	5.7	21.8	-2.3	6.0
<b>VENTURA</b>													
2018-2019	-0.1	1.1	4.4	0.8	-0.3	-7.6	4.0	2.5	4.6	1.9	-1.6	-4.6	-1.4
2019-2020	-1.4	-0.3	5.1	1.4	-0.9	-6.1	4.3	-1.6	-40.0	-0.2	8.5	-1.0	2.6
<b>SCAG REGION</b>													
2018-2019	38.7	41.8	99.2	59.3	20.2	-168.0	53.8	21.1	7.0	20.2	9.3	-70.3	29.7
2019-2020	29.7	29.7	74.5	62.2	15.0	-124.3	60.4	-121.5	-1,120.1	61.2	268.0	-33.9	30.2

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



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

COUNTY/MSA	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	% Change in Latest Month
<b>IMPERIAL</b>														
2018-2019	1.3	0.0	-0.9	0.4	-0.6	-1.0	-0.2	1.5	0.7	0.4	0.0	0.7	0.3	0.5%
2019-2020	0.3	1.1	0.6	0.5	1.3	1.4	1.5	-1.4	-7.3	-7.6	-7.1	-3.1	-3.2	-5.2%
<b>LOS ANGELES</b>														
2018-2019	67.3	55.5	56.4	61.4	66.0	47.2	58.1	54.4	44.7	51.5	46.9	56.7	49.9	1.1%
2019-2020	49.9	49.0	42.2	46.2	37.2	81.7	83.2	13.4	-628.3	-595.7	-454.1	-431.9	-444.5	-9.8%
<b>ORANGE</b>														
2018-2019	32.0	25.3	28.2	25.4	20.0	19.1	16.7	17.4	24.2	28.1	29.2	26.5	23.8	1.4%
2019-2020	23.8	22.6	13.2	12.8	20.5	21.1	20.1	-25.2	-260.3	-259.6	-191.8	-191.4	-189.5	-11.3%
<b>RIVERSIDE</b>														
2018-2019	30.5	27.2	28.9	25.5	28.4	22.3	18.2	19.8	17.6	15.7	16.6	21.3	22.4	3.0%
2019-2020	22.4	17.8	13.5	12.9	10.9	9.4	12.2	2.1	-96.3	-91.4	-72.3	-69.2	-65.6	-8.6%
<b>SAN BERNARDINO</b>														
2018-2019	17.1	18.5	17.8	17.2	16.8	19.0	17.8	18.2	22.0	20.2	20.2	22.0	23.1	3.0%
2019-2020	23.1	18.3	13.9	13.3	11.2	9.7	12.6	2.2	-99.2	-94.0	-74.4	-71.3	-67.6	-8.6%
<b>VENTURA</b>														
2018-2019	4.9	3.5	3.8	2.7	2.6	2.7	1.3	2.7	2.4	3.1	3.6	5.1	3.8	1.2%
2019-2020	3.8	2.4	3.1	3.7	3.1	4.6	4.9	0.8	-43.8	-45.9	-35.8	-32.2	-28.2	-8.4%
<b>SCAG REGION</b>														
2018-2019	153.1	130.0	134.2	132.6	133.2	109.3	111.9	114.0	111.6	119.0	116.5	132.3	123.3	1.5%
2019-2020	123.3	111.2	86.5	89.4	84.2	127.9	134.5	-8.1	-1,135.2	-1,094.2	-835.5	-799.1	-798.6	-9.8%

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

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

AREA	2019					2020							
	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
<b>UNITED STATES</b>	3.8	3.3	3.3	3.3	3.4	4.0	3.8	4.5	14.4	13.0	11.2	10.5	8.5
<b>CALIFORNIA</b>	4.2	3.6	3.7	3.7	3.7	4.3	4.3	5.8	16.2	16.0	15.1	13.9	11.6
<b>SCAG REGION</b>	4.5	4.0	4.0	3.8	3.7	4.2	4.2	5.8	17.7	18.1	17.1	16.0	13.9
<b>IMPERIAL</b>	22.0	19.3	19.5	18.6	17.0	18.0	17.0	20.8	28.1	27.7	27.4	27.0	22.9
<b>LOS ANGELES</b>	4.8	4.3	4.3	4.1	4.0	4.5	4.6	6.6	20.4	20.8	19.6	18.5	16.6
<b>ORANGE</b>	3.0	2.5	2.6	2.6	2.4	2.9	2.8	3.7	13.8	14.7	13.6	12.4	9.9
<b>RIVERSIDE</b>	4.6	4.0	4.1	3.9	3.6	4.2	4.1	5.4	15.6	15.9	14.7	13.7	11.2
<b>SAN BERNARDINO</b>	4.1	3.5	3.6	3.5	3.3	3.9	3.8	5.0	13.6	14.1	13.8	13.1	10.8
<b>VENTURA</b>	3.9	3.3	3.4	3.4	3.4	3.9	3.7	4.7	13.9	13.7	12.6	11.4	9.1
<b>SCAG-US</b>	0.7	0.7	0.7	0.5	0.3	0.2	0.4	1.3	3.3	5.1	5.9	5.5	5.4
Difference between SCAG and U.S. Unemployment Rate													

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

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

	Jobs by Sector (Thousands)						Change in Employment from Year Earlier (Thousands)					REGION TOTAL		
	Imperial	Los Angeles	Orange	Riverside/ San Bernardino		Ventura	TOTAL	Imperial	Los Angeles	Orange	Riverside/ San Bernardino		Thousands	Percent
				Bernardino	San Bernardino						Bernardino	San Bernardino		
2016-2019														
<b>Total, All Industries*</b>	58.0	4,102.6	1,481.8	1,418.9	305.7	7,367.0	-3.2	-444.5	-189.5	-133.2	-28.2	-798.6	-9.8%	
Total Farm	9.0	4.1	1.5	11.8	20.6	47.0	-0.2	-0.6	-0.4	-0.9	-3.2	-5.3	-10.1%	
Total Nonfarm	49.0	4,098.5	1,480.3	1,407.1	285.1	7,320.0	-3.0	-443.9	-189.1	-132.3	-25.0	-793.3	-9.8%	
Total Private	31.3	3,551.4	1,337.2	1,165.5	243.7	6,329.1	-2.2	-424.0	-182.9	-122.3	-21.5	-752.9	-10.6%	
Goods Producing	4.0	461.9	247.7	194.4	43.1	951.1	0.3	-32.0	-21.6	-18.7	-1.9	-73.9	-7.2%	
Natural Resources and Mining**	2.0	1.9	0.4	1.0	0.9	6.2	0.0	0.0	0.0	-0.2	-0.1	-0.3	-4.6%	
Construction	NA	146.4	105.3	103.4	17.3	372.4	NA	-5.8	-3.4	-7.1	-0.2	-16.5	-4.2%	
Manufacturing	2.0	313.6	142.0	90.0	24.9	572.5	0.3	-26.2	-18.2	-11.4	-1.6	-57.1	-9.1%	
Durable Goods	0.5	194.2	105.9	58.2	17.9	376.7	0.0	-8.4	-13.2	-6.8	-1.5	-29.9	-7.4%	
Non-durable Goods	1.5	119.4	36.1	31.8	7.0	195.8	0.3	-17.8	-5.0	-4.6	-0.1	-27.2	-12.2%	
Service Providing	45.0	3,636.6	1,232.6	1,212.7	242.0	6,368.9	-3.3	-411.9	-167.5	-113.6	-23.1	-719.4	-10.1%	
Trade, Transportation and Utilities	11.5	796.9	239.1	375.7	50.9	1,474.1	-0.2	-53.7	-19.6	-15.7	-7.0	-96.2	-6.1%	
Wholesale Trade	1.7	206.9	71.5	67.8	12.1	360.0	-0.1	-13.4	-8.4	1.1	-1.2	-22.0	-5.8%	
Retail Trade	7.6	385.2	137.8	163.2	32.7	726.5	-0.1	-29.2	-11.4	-16.5	-5.6	-62.8	-8.0%	
Transportation, Warehousing and Utilities	2.2	204.8	29.8	144.7	6.1	387.6	0.0	-11.1	0.2	-0.3	-0.2	-11.4	-2.9%	
Transportation and Warehousing	NA	192.3	26.8	139.9	5.2	364.2	NA	-11.5	0.0	-0.3	-0.1	-11.9	-3.2%	
Air Transportation	NA	32.3	NA	NA	NA	32.3	NA	-3.9	NA	NA	NA	-3.9	-10.8%	
Truck Transportation	NA	30.8	NA	26.0	NA	56.8	NA	-3.5	NA	-1.9	NA	-5.4	-8.7%	
Warehousing and Storage	NA	20.1	5.7	81.1	NA	106.9	NA	-0.5	0.2	2.6	NA	2.3	2.2%	
Information	0.3	182.7	21.9	9.6	3.9	218.4	0.0	-29.3	-4.3	-1.9	-0.9	-36.4	-14.3%	
Motion Picture and Sound Recording	NA	92.3	NA	NA	NA	92.3	NA	-34.6	NA	NA	NA	-34.6	-27.3%	
Telecommunications	NA	17.5	5.8	4.3	NA	27.6	NA	-0.4	-0.4	-0.9	NA	-1.7	-5.8%	
Financial Activities	1.2	221.1	114.1	43.7	16.0	396.1	0.0	-4.0	-4.1	-0.7	0.3	-8.5	-2.1%	
Finance and Insurance														
Real Estate and Rental and Leasing	NA	141.2	76.3	23.9	11.2	252.6	NA	5.4	-2.1	-0.2	-0.3	2.8	1.1%	
Professional and Business Services	NA	79.9	37.8	19.8	4.8	142.3	NA	-9.4	-2.0	-0.5	0.6	-11.3	-7.4%	
Professional, Scientific and Technical Services	2.6	593.6	303.1	146.7	44.1	1,090.1	0.1	-53.2	-28.9	-11.4	-0.6	-94.0	-7.9%	
Management of Companies and Enterprises	NA	284.3	126.9	38.8	18.7	468.7	NA	-18.0	-5.9	-4.3	1.0	-27.2	-5.5%	
Administrative and Support and Waste Services	NA	58.7	38.0	8.8	7.9	113.4	NA	-3.6	-0.9	-0.1	0.1	-4.5	-3.8%	
Employment Services	NA	250.6	138.2	99.1	17.5	505.4	NA	-31.6	-22.1	-7.0	-1.7	-62.4	-11.0%	
Educational and Health Services	NA	82.4	61.1	40.4	7.2	191.1	NA	-23.9	-19.4	-4.4	-1.2	-48.9	-20.4%	
Educational Services	7.6	802.2	214.7	243.4	46.6	1,314.5	-1.4	-36.9	-17.1	-7.3	-1.6	-64.3	-4.7%	
Health Care and Social Assistance	NA	121.8	26.6	16.7	NA	165.1	NA	-5.0	-2.9	-1.8	NA	-9.7	-5.5%	
Leisure and Hospitality	NA	680.4	188.1	226.7	NA	1,095.2	NA	-31.9	-14.2	-5.5	NA	-51.6	-4.5%	
Other Services	3.2	372.1	156.0	117.8	31.4	680.5	-1.0	-176.5	-75.4	-54.6	-7.8	-315.3	-31.7%	
Government	0.9	120.9	40.6	34.2	7.7	204.3	0.0	-38.4	-11.9	-12.0	-2.0	-64.3	-23.9%	
Federal Government	17.7	547.1	143.1	241.6	41.4	990.9	-0.8	-19.9	-6.2	-10.0	-3.5	-40.4	-3.9%	
State and Local Government	2.5	61.4	13.3	25.4	8.2	110.8	0.4	14.0	2.2	4.1	0.8	21.5	24.1%	
State Government	15.2	485.7	129.8	216.2	33.2	880.1	-1.2	-33.9	-8.4	-14.1	-4.3	-61.9	-6.6%	
Local Government	2.8	77.6	29.1	28.5	2.7	140.7	0.0	-10.3	-1.5	-1.0	-0.1	-12.9	-8.4%	
Local Government Education	12.4	408.1	100.7	187.7	30.5	739.4	-1.2	-23.6	-6.9	-13.1	-4.2	-49.0	-6.2%	
Local Government Education	NA	186.7	58.4	107.1	15.7	367.9	NA	-17.9	-4.5	-10.9	-2.8	-36.1	-8.9%	

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

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

\*\* For Imperial County, includes construction.

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

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

AREA		2019					2020							
		Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
UNITED STATES 2019-2020	Civilian Labor Force	164,019.0	163,943.0	164,576.0	164,386.0	164,007.0	163,497.0	164,235.0	162,537.0	155,830.0	157,975.0	160,883.0	161,374.0	160,966.0
	Civilian Employment	157,816.0	158,478.0	159,067.0	158,945.0	158,504.0	156,994.0	158,017.0	155,167.0	133,326.0	137,461.0	142,811.0	144,492.0	147,224.0
	Civilian Unemployment	6,203.0	5,465.0	5,510.0	5,441.0	5,503.0	6,504.0	6,218.0	7,370.0	22,504.0	20,514.0	18,072.0	16,882.0	13,742.0
	Civilian Unemployment Rate	3.8%	3.3%	3.3%	3.3%	3.4%	4.0%	3.8%	4.5%	14.4%	13.0%	11.2%	10.5%	8.5%
CALIFORNIA	Civilian Labor Force	19,428.9	19,505.8	19,538.3	19,534.6	19,470.1	19,477.4	19,528.5	19,192.1	18,518.3	18,423.4	18,928.4	18,919.9	18,729.4
	Civilian Employment	18,620.5	18,801.6	18,812.4	18,816.6	18,758.9	18,637.4	18,686.1	18,085.7	15,524.5	15,473.9	16,076.2	16,295.3	16,557.6
	Civilian Unemployment	808.4	704.3	725.9	718.0	711.2	840.0	842.4	1,106.4	2,993.8	2,949.4	2,852.1	2,624.6	2,171.8
	Civilian Unemployment Rate	4.2%	3.6%	3.7%	3.7%	3.7%	4.3%	4.3%	5.8%	16.2%	16.0%	15.1%	13.9%	11.6%
<b>SCAG REGION</b>	Civilian Labor Force	9,287.7	9,349.4	9,371.9	9,400.7	9,373.1	9,382.8	9,417.5	9,142.4	8,800.5	8,761.6	9,064.5	9,097.7	8,994.3
	Civilian Employment	8,872.7	8,980.0	8,997.8	9,039.7	9,027.6	8,989.8	9,023.0	8,613.3	7,244.2	7,174.4	7,515.3	7,640.4	7,746.5
	Civilian Unemployment	415.0	369.7	374.1	361.0	345.4	393.0	394.5	529.0	1,556.3	1,587.3	1,549.1	1,457.5	1,248.0
	Civilian Unemployment Rate	4.5%	4.0%	4.0%	3.8%	3.7%	4.2%	4.2%	5.8%	17.7%	18.1%	17.1%	16.0%	13.9%
SCAG share (%)	Civilian Labor Force	47.8%	47.9%	48.0%	48.1%	48.1%	48.2%	48.2%	47.6%	47.5%	47.6%	47.9%	48.1%	48.0%
	Civilian Employment	47.7%	47.8%	47.8%	48.0%	48.1%	48.2%	48.3%	47.6%	46.7%	46.4%	46.7%	46.9%	46.8%
	Civilian Unemployment	51.3%	52.5%	51.5%	50.3%	48.6%	46.8%	46.8%	47.8%	52.0%	53.8%	54.3%	55.5%	57.5%
IMPERIAL	Civilian Labor Force	72.3	71.3	72.6	72.4	71.9	72.4	71.7	73.1	71.9	71.8	73.2	71.7	69.2
	Civilian Employment	56.4	57.5	58.4	58.9	59.6	59.4	59.4	57.9	51.7	51.9	53.1	52.4	53.4
	Civilian Unemployment	15.9	13.8	14.2	13.5	12.2	13.0	12.2	15.2	20.2	19.9	20.1	19.4	15.9
LOS ANGELES	Civilian Labor Force	5,112.5	5,152.4	5,157.9	5,177.1	5,158.2	5,189.2	5,222.8	4,996.6	4,756.9	4,716.1	4,924.5	4,956.7	4,929.6
	Civilian Employment	4,868.2	4,929.8	4,936.2	4,963.4	4,951.1	4,956.9	4,984.6	4,669.1	3,787.6	3,735.5	3,958.9	4,040.1	4,111.4
	Civilian Unemployment	244.3	222.7	221.7	213.7	207.1	232.2	238.2	327.5	969.3	980.6	965.5	916.7	818.3
ORANGE	Civilian Labor Force	1,617.6	1,629.5	1,632.0	1,630.1	1,631.1	1,622.1	1,623.9	1,587.7	1,540.3	1,547.6	1,594.6	1,590.5	1,556.2
	Civilian Employment	1,569.5	1,588.5	1,589.0	1,588.3	1,592.0	1,575.5	1,578.4	1,528.6	1,327.7	1,320.5	1,377.0	1,393.7	1,402.4
	Civilian Unemployment	48.1	41.0	43.0	41.8	39.1	46.6	45.5	59.0	212.6	227.1	217.6	196.8	153.8
RIVERSIDE	Civilian Labor Force	1,101.1	1,105.9	1,110.8	1,116.2	1,111.9	1,106.1	1,104.7	1,098.8	1,085.2	1,085.9	1,101.1	1,103.1	1,082.9
	Civilian Employment	1,050.1	1,061.7	1,065.3	1,073.1	1,071.3	1,059.3	1,059.0	1,039.7	915.7	913.0	939.3	951.8	962.1
	Civilian Unemployment	51.1	44.2	45.5	43.1	40.6	46.8	45.7	59.1	169.5	172.8	161.9	151.3	120.7
SAN BERNARDINO	Civilian Labor Force	964.4	968.9	973.3	978.9	975.5	970.0	969.7	964.1	933.9	934.8	958.2	963.0	949.9
	Civilian Employment	925.0	935.1	938.1	944.7	943.3	932.1	932.6	915.9	806.6	803.3	826.0	836.7	847.6
	Civilian Unemployment	39.4	33.9	35.2	34.2	32.2	37.9	37.0	48.2	127.3	131.4	132.2	126.3	102.4
VENTURA	Civilian Labor Force	419.7	421.4	425.3	426.0	424.5	423.0	424.7	422.1	412.3	405.5	412.9	412.7	406.5
	Civilian Employment	403.5	407.4	410.8	411.3	410.3	406.6	409.0	402.1	354.9	350.1	361.0	365.7	369.6
	Civilian Unemployment	16.2	14.1	14.5	14.7	14.2	16.4	15.8	20.0	57.4	55.4	51.9	47.0	36.9

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

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

COUNTY/MSA	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	% of Region Total Latest Month
<b>IMPERIAL</b>														
2018-2019	35	17	18	3	5	9	12	24	11	3	43	22	28	1.5%
2019-2020	28	41	41	14	19	34	23	10	29	28	63	16	20	1.0%
<b>LOS ANGELES</b>														
2018-2019	448	383	454	482	427	468	401	457	479	594	493	429	457	25.1%
2019-2020	457	441	573	403	543	592	579	461	331	317	374	510	629	32.3%
<b>ORANGE</b>														
2018-2019	377	337	218	265	189	240	223	236	352	285	192	293	271	14.9%
2019-2020	271	211	347	214	261	193	305	291	96	169	233	262	252	13.0%
<b>RIVERSIDE</b>														
2018-2019	690	559	528	503	458	465	445	512	602	603	589	492	586	32.2%
2019-2020	586	458	625	510	676	540	1170	533	373	459	895	718	671	34.5%
<b>SAN BERNARDINO</b>														
2018-2019	265	205	225	147	230	216	211	266	289	341	352	372	395	21.7%
2019-2020	395	326	409	295	624	360	176	291	145	204	345	447	337	17.3%
<b>VENTURA</b>														
2018-2019	62	61	54	43	51	52	60	53	62	63	35	66	85	4.7%
2019-2020	85	61	76	50	68	45	11	54	14	10	41	41	36	1.9%
<b>REGION</b>														
2018-2019	1,877	1,562	1,497	1,443	1,360	1,450	1,352	1,548	1,795	1,889	1,704	1,674	1,822	100.0%
2019-2020	1,822	1,538	2,071	1,486	2,191	1,764	2,264	1,640	988	1,187	1,951	1,994	1,945	100.0%

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

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

COUNTY/MSA	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	% of Region Total Latest Month
<b>IMPERIAL</b>														
2018-2019	2	2	4	0	42	2	0	171	2	6	31	35	88	4.6%
2019-2020	88	0	6	48	5	0	2	3	5	9	0	0	0	0.0%
<b>LOS ANGELES</b>														
2018-2019	643	804	1131	875	1601	2175	577	1222	855	1449	1064	969	992	52.3%
2019-2020	992	2155	1378	1323	1725	1951	1125	1485	1010	464	667	1733	624	86.7%
<b>ORANGE</b>														
2018-2019	493	480	61	532	66	999	81	392	618	162	533	751	553	29.2%
2019-2020	553	1086	430	334	1230	402	127	340	291	433	67	131	54	7.5%
<b>RIVERSIDE</b>														
2018-2019	38	16	24	282	6	547	21	7	175	158	274	145	64	3.4%
2019-2020	64	170	50	113	74	13	17	6	52	7	7	56	9	1.3%
<b>SAN BERNARDINO</b>														
2018-2019	55	42	13	44	81	55	236	33	193	62	12	124	197	10.4%
2019-2020	197	493	66	50	363	26	111	78	102	53	115	39	31	4.3%
<b>VENTURA</b>														
2018-2019	34	9	71	12	36	87	231	172	6	17	52	0	3	0.2%
2019-2020	3	18	19	24	68	254	7	6	4	0	53	28	2	0.3%
<b>REGION</b>														
2018-2019	1,265	1,353	1,304	1,745	1,832	3,865	1,146	1,997	1,849	1,854	1,966	2,024	1,897	100.0%
2019-2020	1,897	3,922	1,949	1,892	3,465	2,646	1,389	1,918	1,464	966	909	1,987	720	100.0%

Prepared by Modeling and Forecasting Department  
 Southern California Association of Governments (SCAG)



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

COUNTY/MSA	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	% of Region Total Latest Month
<b>IMPERIAL</b>														
2018-2019	51.8	9.5	6.4	15.2	13.2	2.7	3.5	30.6	14.8	4.1	21.2	10.9	18.9	1.1%
2019-2020	18.9	13.5	12.6	17.2	4.0	8.0	6.2	4.1	19.4	6.7	13.6	4.3	5.6	0.3%
<b>LOS ANGELES</b>														
2018-2019	688.2	687.6	1,216.5	990.6	923.6	1,104.0	700.4	925.2	960.0	1,768.6	1,065.9	1,235.3	850.8	47.9%
2019-2020	850.8	886.1	1,020.8	1,249.1	1,377.8	1,047.4	760.9	1,086.8	486.6	408.3	856.7	941.1	863.9	49.5%
<b>ORANGE</b>														
2018-2019	449.6	457.1	350.1	675.7	327.1	630.2	316.3	506.6	782.3	345.9	341.4	501.0	380.0	21.4%
2019-2020	380.0	308.9	820.1	437.1	425.0	470.5	365.0	288.3	325.1	243.8	316.0	323.8	280.8	16.1%
<b>RIVERSIDE</b>														
2018-2019	374.0	284.8	301.6	285.7	296.9	315.3	258.5	368.5	431.3	402.9	291.9	247.6	279.2	15.7%
2019-2020	279.2	198.9	275.2	183.7	308.3	294.6	418.7	240.4	142.8	202.7	371.1	318.3	351.3	20.1%
<b>SAN BERNARDINO</b>														
2018-2019	175.9	122.0	208.7	140.9	154.8	167.3	247.1	257.6	236.7	298.9	176.9	173.2	182.0	10.2%
2019-2020	182.0	188.9	323.5	241.6	334.3	166.1	171.2	245.0	90.0	129.5	150.7	276.5	217.2	12.4%
<b>VENTURA</b>														
2018-2019	58.3	45.3	69.2	25.8	36.2	57.9	58.1	46.8	59.4	52.4	62.8	44.2	66.1	3.7%
2019-2020	66.1	50.5	52.7	34.2	47.8	91.1	13.9	27.5	21.9	15.7	36.9	29.2	26.7	1.5%
<b>REGION</b>														
2018-2019	1,797.8	1,606.3	2,152.4	2,133.9	1,751.8	2,277.3	1,583.9	2,135.2	2,484.4	2,872.7	1,960.1	2,212.3	1,777.0	100.0%
2019-2020	1,777.0	1,646.7	2,504.9	2,162.9	2,497.2	2,077.7	1,736.0	1,892.1	1,085.8	1,006.6	1,745.0	1,893.3	1,745.5	100.0%

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

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

COUNTY/MSA	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	% of Region Total Latest Month
<b>IMPERIAL</b>														
2018-2019	6.9	4.2	4.6	0.5	3.4	1.9	2.4	19.2	3.0	2.0	12.0	6.7	13.6	1.2%
2019-2020	13.6	7.6	9.4	11.0	3.6	7.3	5.0	2.2	5.1	5.4	11.1	3.3	3.3	0.4%
<b>LOS ANGELES</b>														
2018-2019	450.0	384.0	543.9	424.6	557.1	826.7	358.4	524.4	530.0	657.8	445.8	438.5	528.9	46.7%
2019-2020	528.9	559.9	609.9	473.4	644.2	693.0	531.0	566.2	336.2	220.4	311.3	637.3	373.6	45.4%
<b>ORANGE</b>														
2018-2019	288.0	212.9	126.3	269.5	111.4	375.7	129.5	194.6	319.7	180.4	157.0	210.0	205.2	18.1%
2019-2020	205.2	229.8	223.4	185.8	239.2	173.8	173.8	169.4	126.1	168.7	134.9	142.5	119.6	14.5%
<b>RIVERSIDE</b>														
2018-2019	216.0	185.1	155.4	192.2	130.4	217.8	139.9	157.2	240.9	207.8	214.6	169.3	219.6	19.4%
2019-2020	219.6	163.6	206.2	145.2	217.5	149.3	346.3	153.6	104.8	152.5	260.9	218.2	206.8	25.1%
<b>SAN BERNARDINO</b>														
2018-2019	83.5	61.3	77.9	58.9	84.1	73.7	89.7	91.7	107.5	126.0	104.7	121.0	125.9	11.1%
2019-2020	125.9	128.2	151.6	139.6	206.3	89.6	59.2	94.0	62.9	61.1	112.3	131.1	103.0	12.5%
<b>VENTURA</b>														
2018-2019	37.3	29.6	38.0	20.4	29.6	49.1	46.8	38.8	23.8	32.7	28.3	31.4	38.5	3.4%
2019-2020	38.5	28.9	45.4	26.1	41.2	85.2	11.1	19.2	6.5	6.8	24.7	21.5	16.9	2.0%
<b>REGION</b>														
2018-2019	1,081.6	877.1	946.0	966.1	915.9	1,545.0	766.7	1,026.0	1,224.8	1,206.7	962.6	977.1	1,131.8	100.0%
2019-2020	1,131.8	1,118.1	1,245.8	981.1	1,352.1	1,198.2	1,126.4	1,004.6	641.5	614.9	855.2	1,154.0	823.1	100.0%

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

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

COUNTY/MSA	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	% of Region Total Latest Month
<b>IMPERIAL</b>														
2018-2019	9.6	4.0	0.8	12.2	8.2	0.0	0.0	0.0	2.5	0.0	7.5	1.2	1.6	0.6%
2019-2020	1.6	1.9	1.0	5.0	0.0	0.0	0.0	1.1	0.0	0.1	0.5	0.0	1.4	0.5%
<b>LOS ANGELES</b>														
2018-2019	48.5	151.3	50.3	409.1	106.3	63.9	78.6	69.0	105.9	165.1	185.0	569.3	92.5	34.4%
2019-2020	92.5	160.0	104.1	281.1	374.7	167.2	37.0	210.3	23.5	101.0	447.7	145.5	189.2	61.4%
<b>ORANGE</b>														
2018-2019	49.9	134.5	3.3	117.5	58.4	48.9	11.2	155.3	193.4	22.4	76.9	150.3	125.7	46.7%
2019-2020	125.7	1.0	189.5	133.0	12.3	11.2	67.5	37.0	129.8	5.2	104.6	79.2	102.5	33.3%
<b>RIVERSIDE</b>														
2018-2019	15.5	71.2	49.4	18.5	11.7	27.3	15.3	65.8	37.1	42.2	16.9	20.4	33.6	12.5%
2019-2020	33.6	15.0	8.9	14.2	10.1	33.4	23.4	53.5	12.0	21.6	17.4	28.2	13.0	4.2%
<b>SAN BERNARDINO</b>														
2018-2019	3.7	21.6	6.3	12.6	6.8	9.0	43.9	27.9	41.6	61.6	18.5	10.3	15.6	5.8%
2019-2020	15.6	12.4	30.7	47.9	60.6	4.3	6.3	48.9	10.2	4.8	19.2	93.0	1.9	0.6%
<b>VENTURA</b>														
2018-2019	0.4	0.2	1.0	0.0	0.6	0.0	1.3	0.0	0.3	0.2	12.5	5.3	0.0	0.0%
2019-2020	0.0	0.0	0.0	0.7	0.2	0.9	0.0	1.8	3.5	0.0	3.5	0.0	0.0	0.0%
<b>REGION</b>														
2018-2019	127.5	382.8	111.1	569.9	192.0	149.0	150.3	318.1	380.8	291.4	317.3	756.8	269.0	100.0%
2019-2020	269.0	190.3	334.2	481.9	457.9	216.9	134.3	352.5	179.0	132.7	592.8	345.9	308.1	100.0%

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

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

COUNTY/MSA	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	% of Region Total Latest Month
<b>IMPERIAL</b>														
2018-2019	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
2019-2020	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
<b>LOS ANGELES</b>														
2018-2019	0.0	4.9	11.4	0.0	34.7	0.0	0.0	39.3	10.7	0.9	9.7	0.9	0.3	3.4%
2019-2020	0.3	0.6	0.0	1.4	0.0	2.8	0.0	1.3	0.0	10.1	1.0	7.8	0.3	0.0%
<b>ORANGE</b>														
2018-2019	0.0	0.0	0.0	24.3	0.0	0.0	0.2	0.0	0.0	0.9	0.0	0.0	0.0	0.0%
2019-2020	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.1	1.2	1.2	3.8	0.0%
<b>RIVERSIDE</b>														
2018-2019	74.9	0.1	0.0	47.2	22.3	28.8	68.3	99.7	106.2	97.8	5.8	17.7	6.9	94.1%
2019-2020	6.9	0.0	10.0	3.5	49.1	50.1	18.5	0.7	0.0	0.6	25.9	25.9	7.7	0.0%
<b>SAN BERNARDINO</b>														
2018-2019	54.7	18.4	105.2	46.2	22.1	54.8	0.0	75.6	57.0	61.5	1.1	6.9	0.2	2.5%
2019-2020	0.2	25.1	110.2	34.8	49.3	21.2	64.6	8.7	3.3	28.1	1.3	26.5	11.8	0.0%
<b>VENTURA</b>														
2018-2019	0.0	0.0	5.9	0.0	1.3	0.0	0.0	0.0	0.0	12.3	0.0	0.0	0.0	0.0%
2019-2020	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9	0.0	0.0	0.0	0.0%
<b>REGION</b>														
2018-2019	129.6	23.4	122.6	117.7	80.4	83.6	68.5	214.5	173.9	173.3	16.7	25.6	7.3	100.0%
2019-2020	7.3	25.7	120.2	41.0	98.4	74.1	83.1	10.6	3.3	43.7	29.4	61.4	23.5	0.0%

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





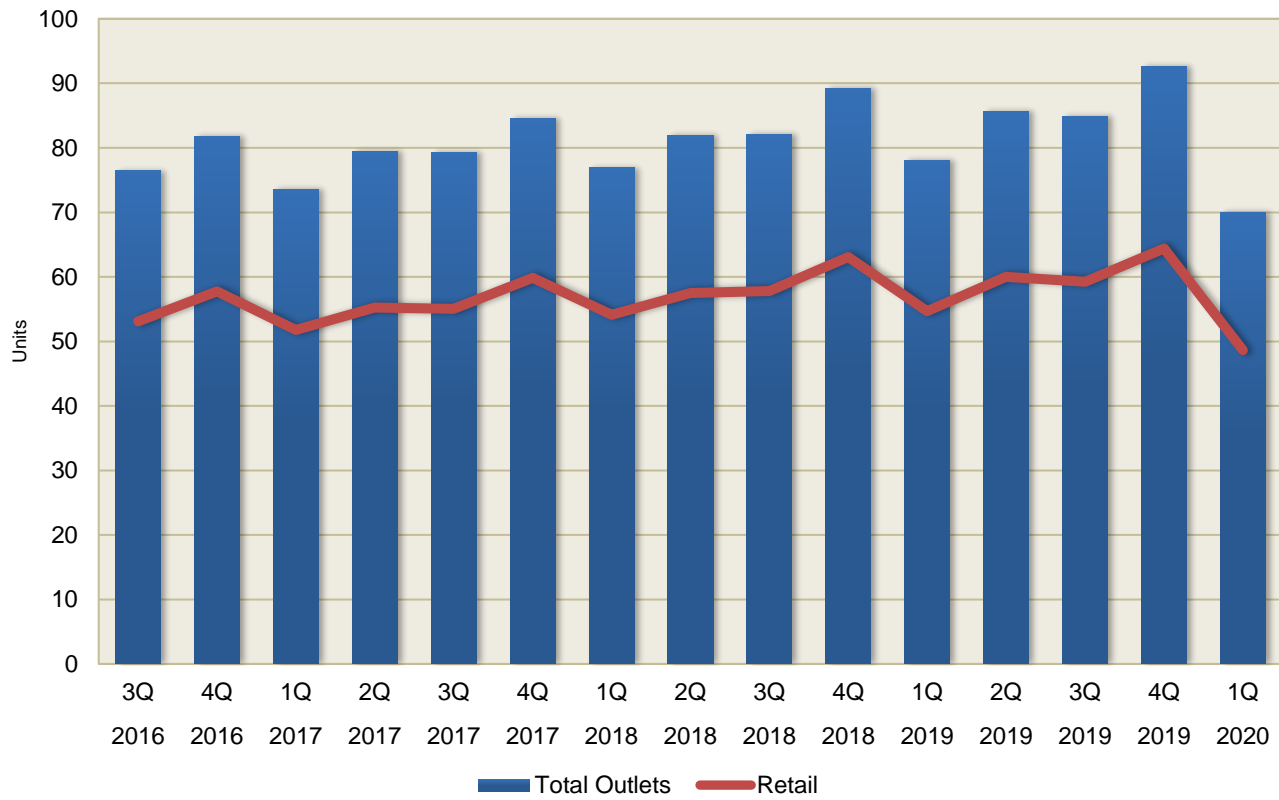
**TABLE 13 SCAG REGION BUILDING PERMITS (VALUATION / MILLION DOLLARS, OTHERS )**

COUNTY/MSA	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	% of Region Total Latest Month
<b>IMPERIAL</b>														
2018-2019	35.3	1.2	1.1	2.5	1.6	0.8	1.1	11.4	9.3	2.1	1.6	2.9	3.6	1.0%
2019-2020	3.6	4.1	2.1	1.1	0.4	0.7	1.2	0.8	14.2	1.2	2.0	1.0	0.9	0.2%
<b>LOS ANGELES</b>														
2018-2019	189.7	147.4	610.8	156.9	225.4	213.3	263.5	292.4	313.3	944.8	425.5	226.6	229.1	62.1%
2019-2020	229.1	165.6	306.8	493.2	359.0	184.4	192.8	309.0	127.0	76.8	96.7	150.5	300.8	50.9%
<b>ORANGE</b>														
2018-2019	111.7	109.7	220.5	264.3	157.4	205.6	175.4	156.7	269.2	142.3	107.4	140.6	49.1	13.3%
2019-2020	49.1	78.0	407.3	117.0	173.4	285.5	123.7	82.0	69.3	69.8	75.3	100.9	55.0	9.3%
<b>RIVERSIDE</b>														
2018-2019	67.6	28.4	96.8	27.9	132.5	41.3	35.1	45.8	47.2	55.1	54.6	40.1	19.1	5.2%
2019-2020	19.1	20.3	50.0	20.9	31.6	61.8	30.6	32.6	26.1	28.0	67.0	46.1	123.8	21.0%
<b>SAN BERNARDINO</b>														
2018-2019	34.0	20.7	19.2	23.1	41.8	29.8	113.6	62.4	30.6	49.8	52.5	35.0	40.3	10.9%
2019-2020	40.3	23.1	31.1	19.3	18.1	51.1	41.1	93.5	13.5	35.4	18.0	25.9	100.5	17.0%
<b>VENTURA</b>														
2018-2019	20.7	15.5	24.3	5.5	4.8	8.8	9.9	8.0	35.4	7.2	22.1	7.6	27.5	7.5%
2019-2020	27.5	21.6	7.3	7.5	6.3	5.0	2.8	6.5	11.9	4.0	8.7	7.7	9.8	1.7%
<b>REGION</b>														
2018-2019	459.0	323.0	972.8	480.1	563.5	499.7	598.5	576.7	704.9	1,201.3	663.6	452.8	368.8	100.0%
2019-2020	368.8	312.6	804.7	658.9	588.8	588.4	392.2	524.3	262.0	215.3	267.7	332.1	590.8	100.0%

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

FIGURE 23

**Taxable Sales**  
**Total All Outlets and Retail**  
 2016-2020  
 (Billions of Dollars)



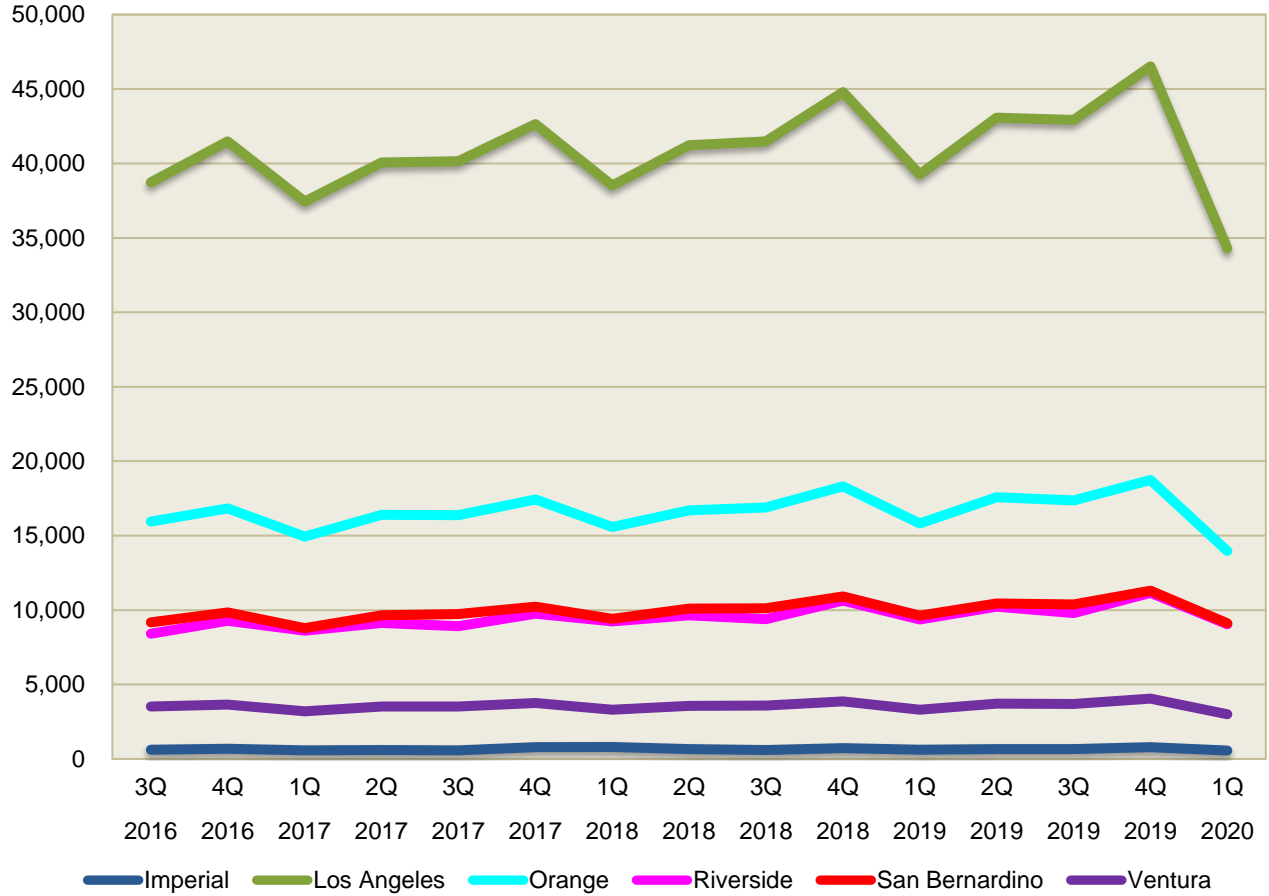
\* Figure 23 is based on combined total for the region's counties.

FIGURE 24

**Taxable Sales (Total All Outlets )**

Southern California Association of  
Governments' Counties

2016-2020



**TABLE 14 SCAG REGION TAXABLE SALES (MILLIONS, TOTAL ALL OUTLETS)**

COUNTY/MSA	2016		2017		2018		2019		2020		% of Region Total Latest Quarter					
	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q		1Q				
<b>IMPERIAL</b>																
2016-2019	628	692	587	595	588	792	804	670	593	727	629	673	669	798	565	0.8%
<b>LOS ANGELES</b>																
2016-2019	38,724	41,488	37,436	40,062	40,139	42,643	38,523	41,219	41,490	44,792	39,276	43,068	42,912	46,521	34,298	49.0%
<b>ORANGE</b>																
2016-2019	15,953	16,833	14,933	16,398	16,386	17,432	15,584	16,691	16,893	18,301	15,819	17,578	17,366	18,737	13,969	20.0%
<b>RIVERSIDE</b>																
2016-2019	8,412	9,279	8,620	9,129	8,911	9,748	9,250	9,646	9,395	10,629	9,373	10,223	9,804	11,158	9,042	12.9%
<b>SAN BERNARDINO</b>																
2016-2019	9,178	9,834	8,788	9,654	9,730	10,227	9,419	10,102	10,113	10,920	9,637	10,445	10,384	11,304	9,120	13.0%
<b>VENTURA</b>																
2016-2019	3,519	3,662	3,196	3,519	3,533	3,754	3,312	3,562	3,589	3,861	3,318	3,709	3,699	4,054	3,004	4.3%
<b>REGION</b>																
2016-2019	76,414	81,787	73,560	79,356	79,287	84,596	76,892	81,890	82,073	89,228	78,052	85,696	84,833	92,571	69,998	100.0%

Prepared by Research, Analysis and Information Services Department  
 Southern California Association of Governments (SCAG)  
 Source: California Board of Equalization

**TABLE 15 SCAG REGION TAXABLE SALES (MILLIONS, RETAIL STORES)**

COUNTY/MSA	2016		2017		2018		2019		2020		% of Region Total Latest Quarter					
	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q		1Q				
<b>IMPERIAL</b>																
2016-2019	379	461	405	412	402	493	434	428	401	516	434	458	429	530	398	0.8%
<b>LOS ANGELES</b>																
2016-2019	27,603	29,822	26,771	28,517	28,359	30,651	27,732	29,443	29,742	32,228	28,081	30,737	30,479	32,841	24,335	50.0%
<b>ORANGE</b>																
2016-2019	10,780	11,551	10,156	11,004	11,106	11,999	10,602	11,395	11,575	12,506	10,688	11,867	11,808	12,681	9,373	19.3%
<b>RIVERSIDE</b>																
2016-2019	5,820	6,618	6,200	6,418	6,228	7,009	6,645	6,922	6,769	7,707	6,763	7,334	6,970	7,953	6,450	13.3%
<b>SAN BERNARDINO</b>																
2016-2019	6,012	6,599	5,929	6,367	6,365	6,942	6,292	6,682	6,661	7,271	6,322	6,915	6,856	7,471	5,888	12.1%
<b>VENTURA</b>																
2016-2019	2,514	2,674	2,329	2,540	2,561	2,771	2,428	2,602	2,628	2,828	2,413	2,687	2,682	2,919	2,190	4.5%
<b>REGION</b>																
2016-2019	53,108	57,725	51,790	55,259	55,021	59,865	54,133	57,471	57,777	63,057	54,701	59,999	59,225	64,395	48,633	100.0%

Prepared by Research, Analysis and Information Services Department  
 Southern California Association of Governments (SCAG)  
 Source: California Board of Equalization



## MAIN OFFICE

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