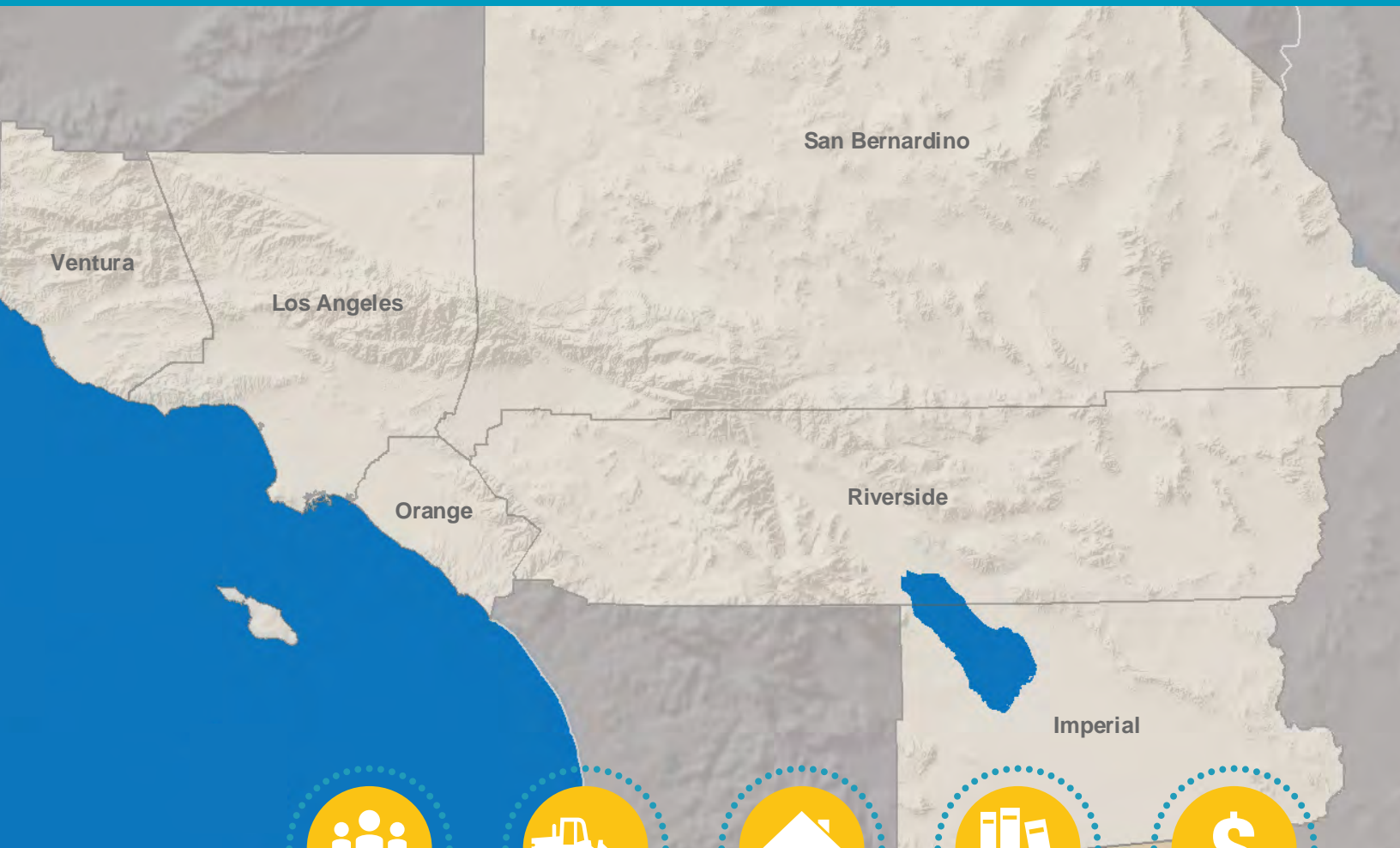


OCTOBER 2020 MONTHLY ECONOMIC REPORT

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.



For more information, please contact:

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Senior Regional Planner
Modeling and Forecasting Department

Email: choj@scag.ca.gov

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

* Not seasonally-adjusted

FIGURE 1

**2018-2020
Employment**

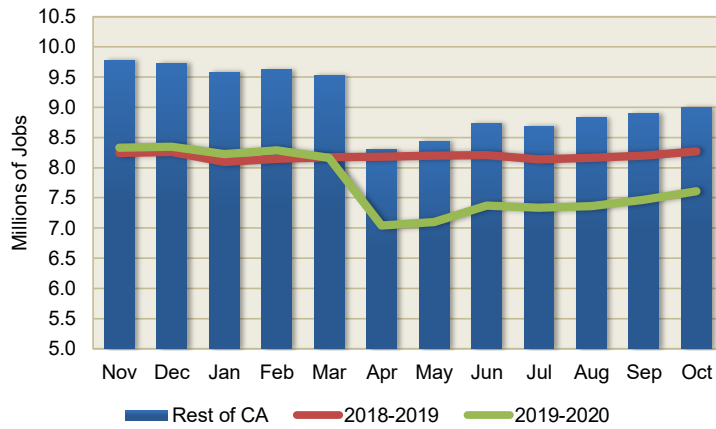


FIGURE 2

**Change in Employment
From Previous Year**

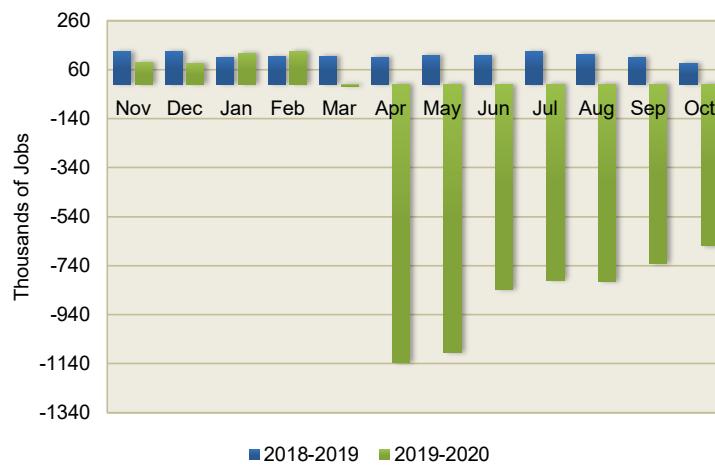


FIGURE 3

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

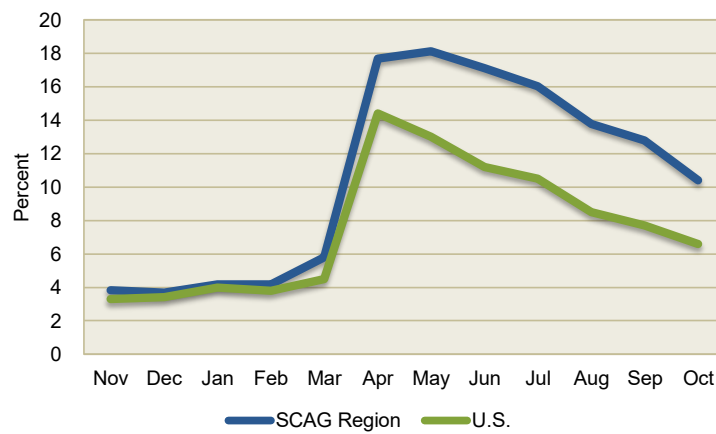
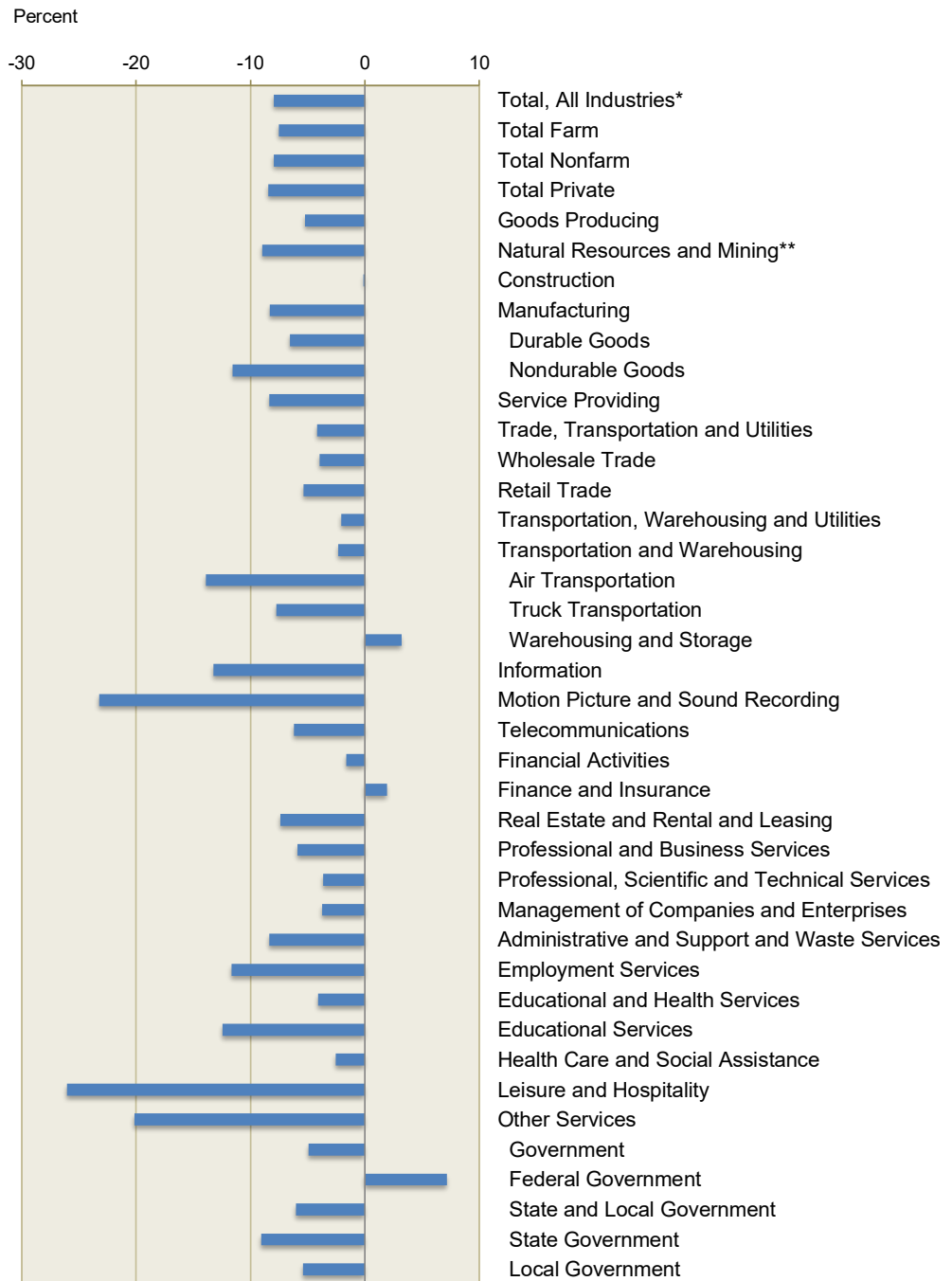


FIGURE 4

Percentage Change in Employment by Major Sector

(Oct. 2019 - Oct. 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

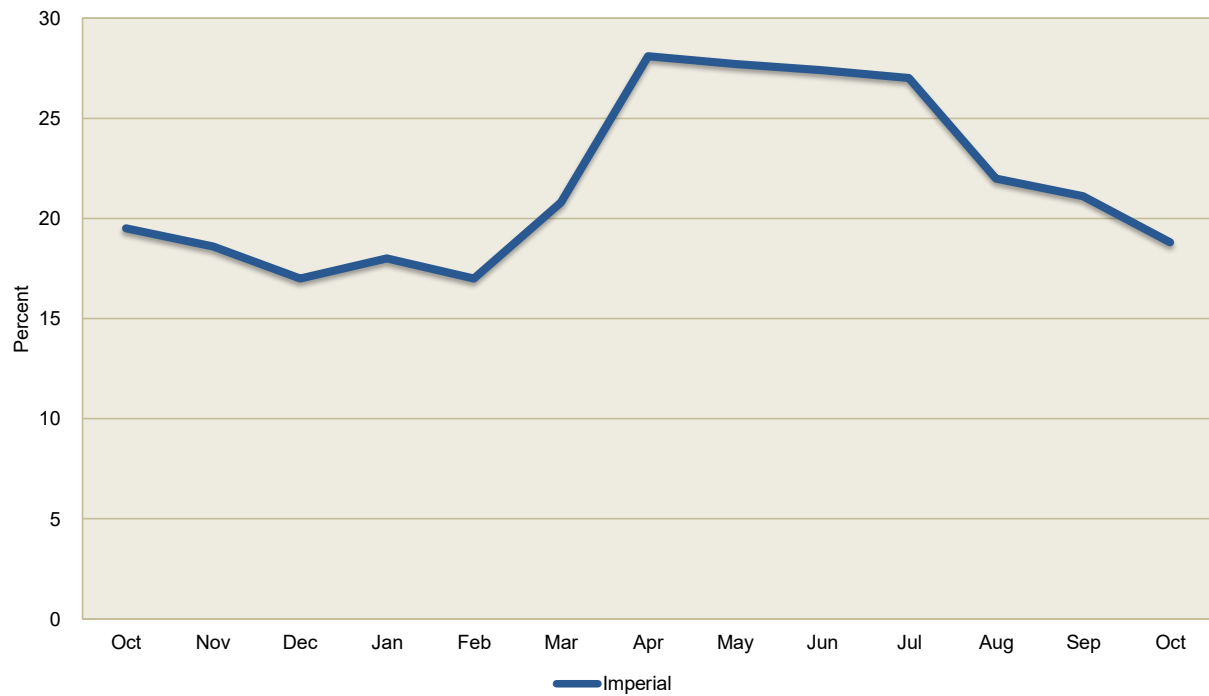
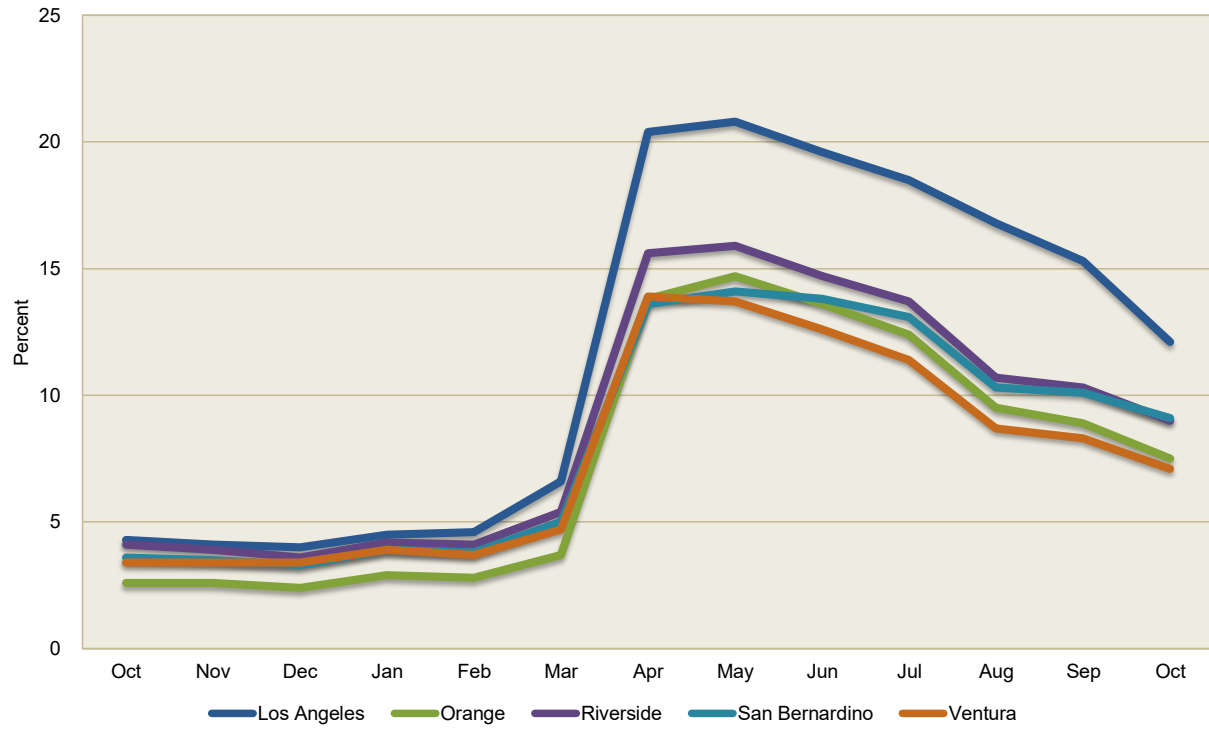


FIGURE 6-1
Imperial County
Wage and Salary
2018-2020

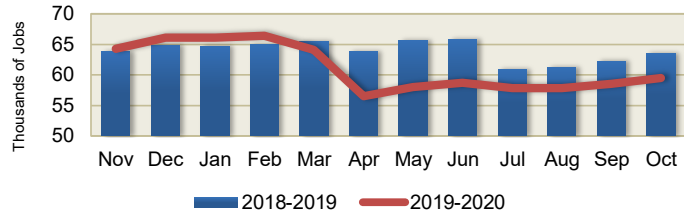


FIGURE 6-2
Imperial County
Change in Employment
From Previous month

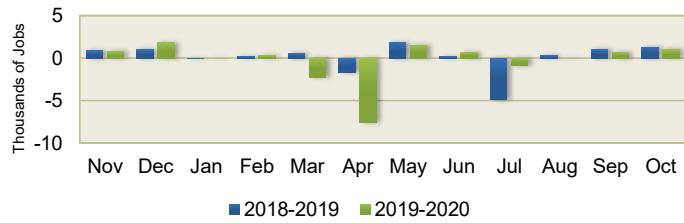


FIGURE 6-3
Imperial County
Change in Employment
From Previous year

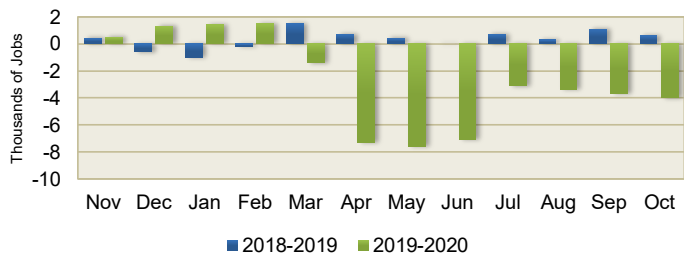


FIGURE 6-4
Imperial County
Comparative
Unemployment Rates
2019-2020

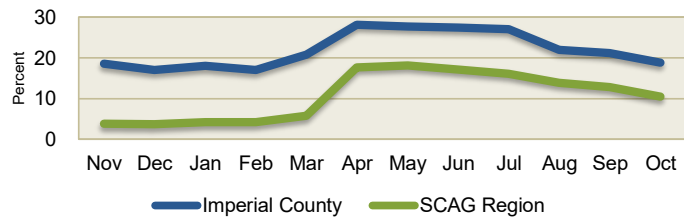


FIGURE 7-1
Los Angeles County
Wage and Salary
2018-2020

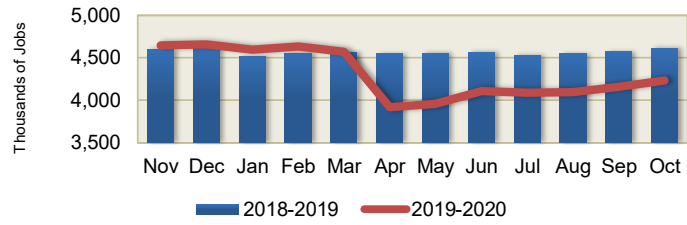


FIGURE 7-2
Los Angeles County
Change in Employment
From Previous month

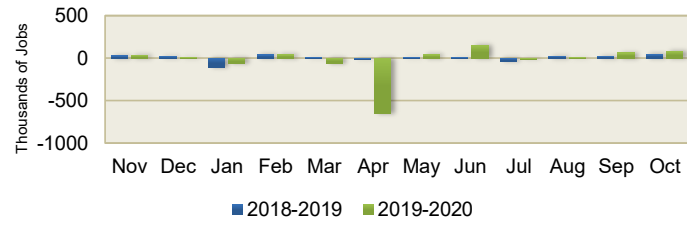


FIGURE 7-3
Los Angeles County
Change in Employment
From Previous year

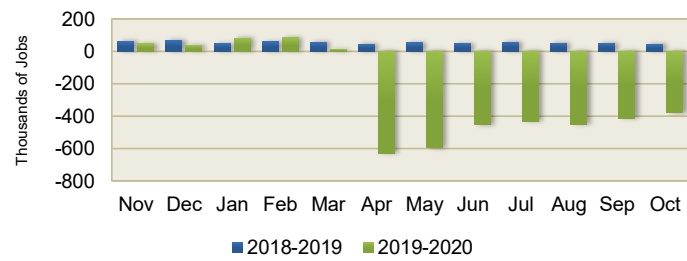


FIGURE 7-4
Los Angeles County
Comparative
Unemployment Rates
2019-2020

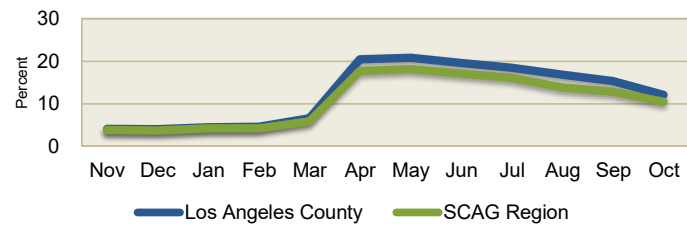


FIGURE 8-1
Orange County
Wage and Salary
2018-2020

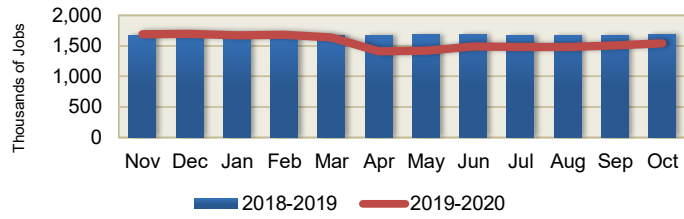


FIGURE 8-2
Orange County
Change in Employment
From Previous month

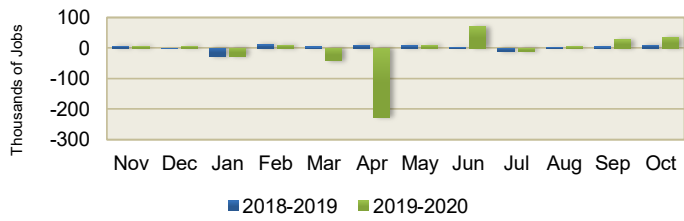


FIGURE 8-3
Orange County
Change in Employment
From Previous year

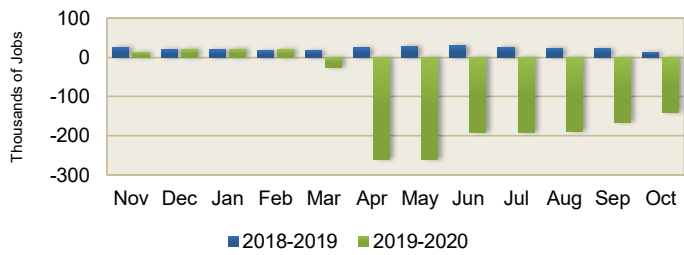


FIGURE 8-4
Orange County
Comparative
Unemployment Rates
2019-2020

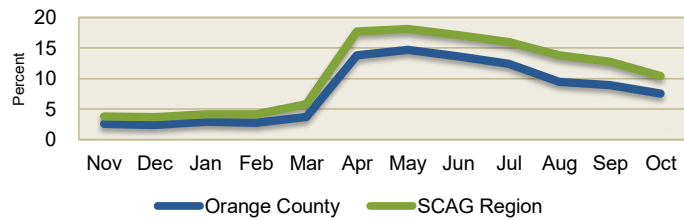


FIGURE 9-1
Riverside County
Wage and Salary
2018-2020

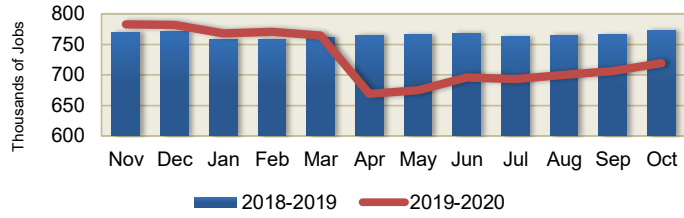


FIGURE 9-2
Riverside County
Change in Employment
From Previous month

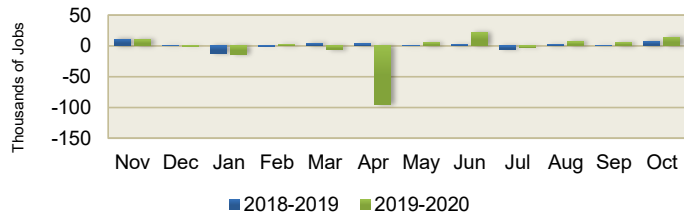


FIGURE 9-3
Riverside County
Change in Employment
From Previous year

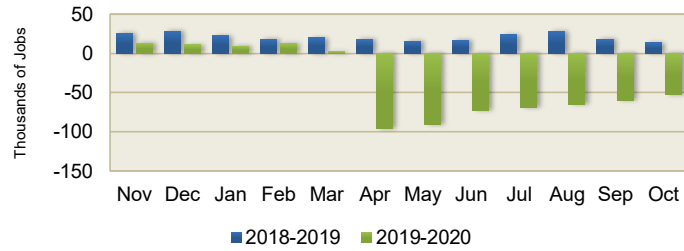


FIGURE 9-4
Riverside County
Comparative
Unemployment Rates
2019-2020

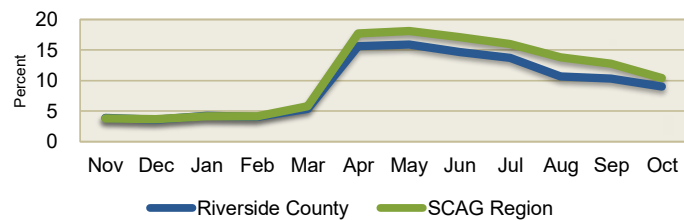


FIGURE 10-1
San Bernardino County
Wage and Salary
2018-2020

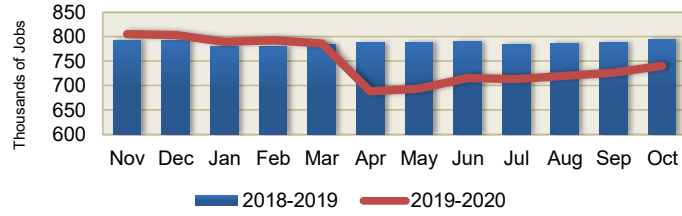


FIGURE 10-2
San Bernardino County
Change in Employment
From Previous month

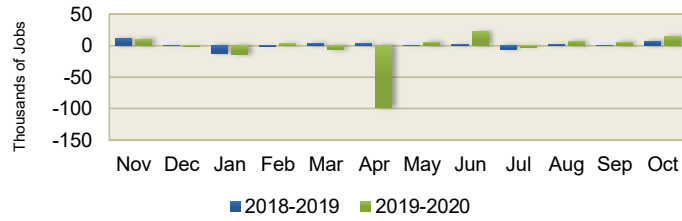


FIGURE 10-3
San Bernardino County
Change in Employment
From Previous year
(Thousands of Jobs)

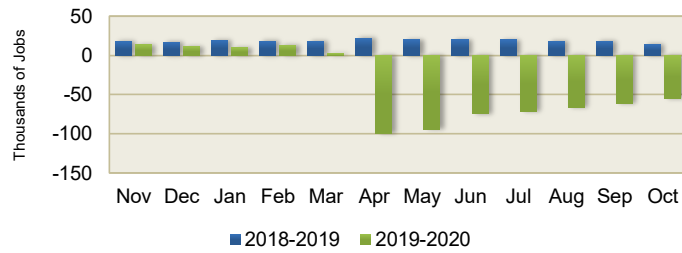


FIGURE 10-4
San Bernardino County
Comparative
Unemployment Rates
2019-2020

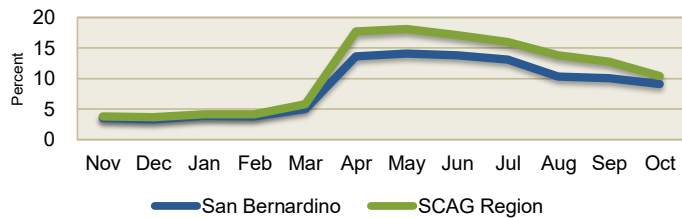


FIGURE 11-1
Ventura County
Wage and Salary
2018-2020

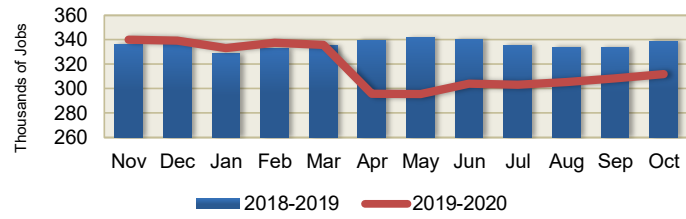


FIGURE 11-2
Ventura County
Change in Employment
From Previous month

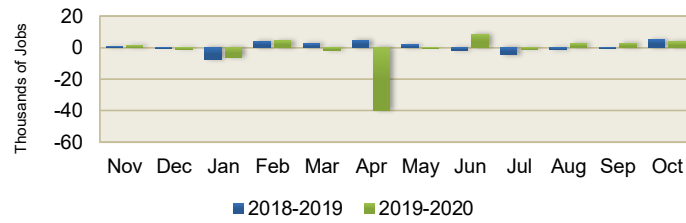


FIGURE 11-3
Ventura County
Change in Employment
From Previous year

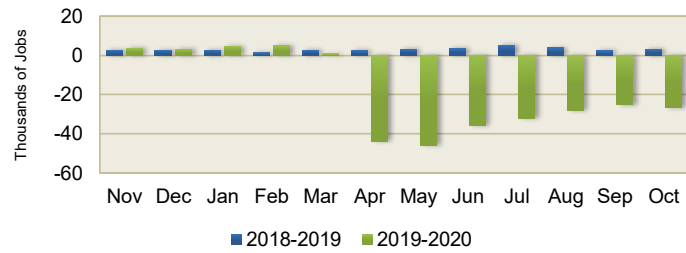
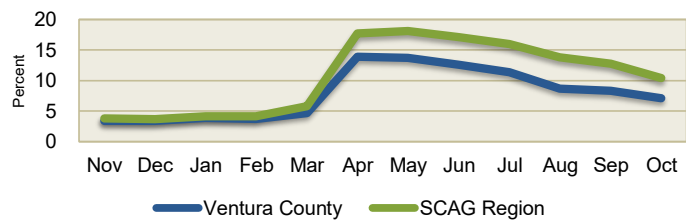


FIGURE 11-4
Ventura County
Comparative
Unemployment Rates
2019-2020



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

FIGURE 12

2018-2020
Building Permits
Single Family

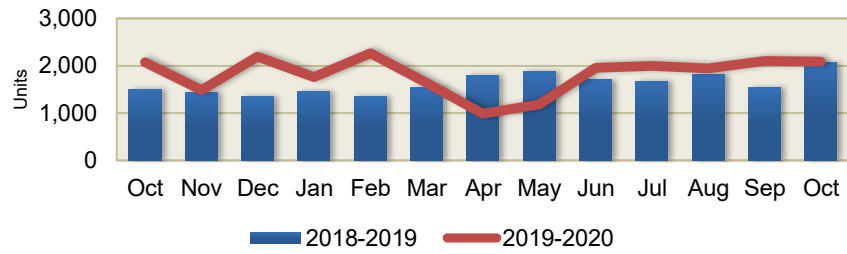


FIGURE 13

Building Permits
Multi Family

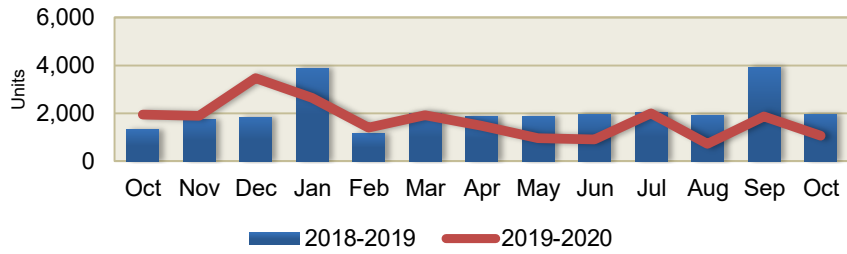


FIGURE 14

Valuation of Total
Building Permits

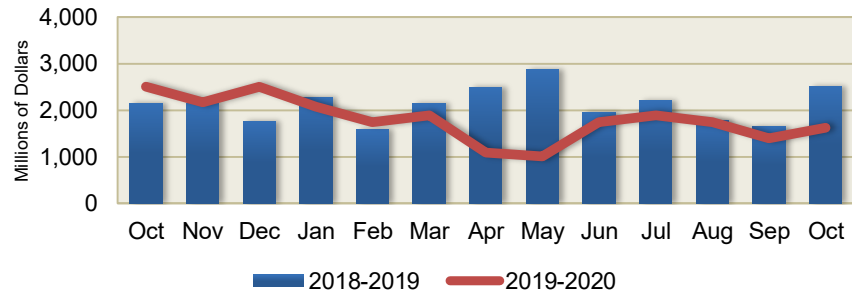


FIGURE 15

Valuation of Residential Building Permits

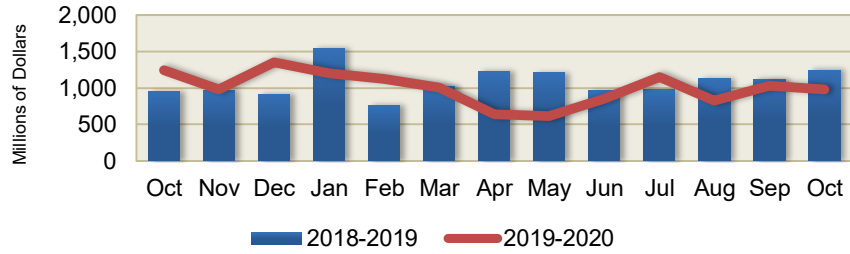


FIGURE 16

Valuation of Commercial Building Permits

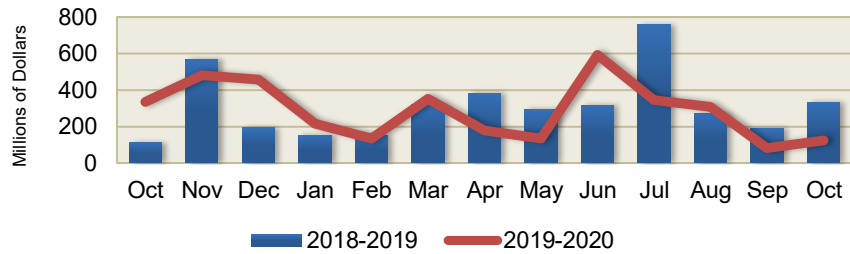


FIGURE 17

Valuation of Industrial Building Permits

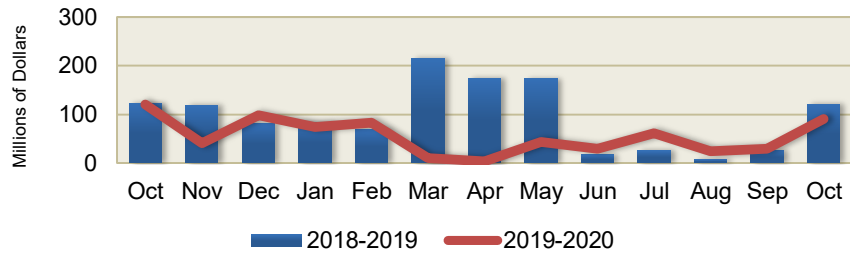


FIGURE 18

Valuation of Other Building Permits

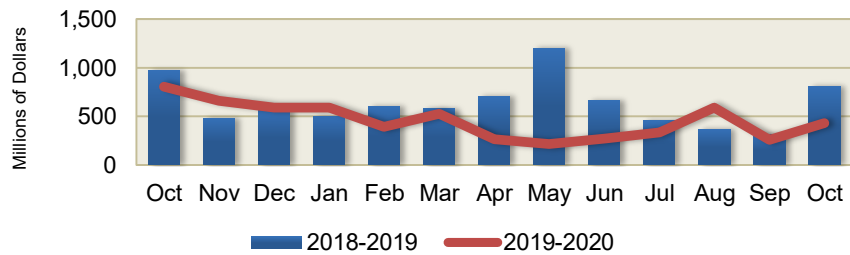


FIGURE 19

Comparative Building Permits (Residential)

Southern California Association of Governments' Counties (Units)

2019-2020

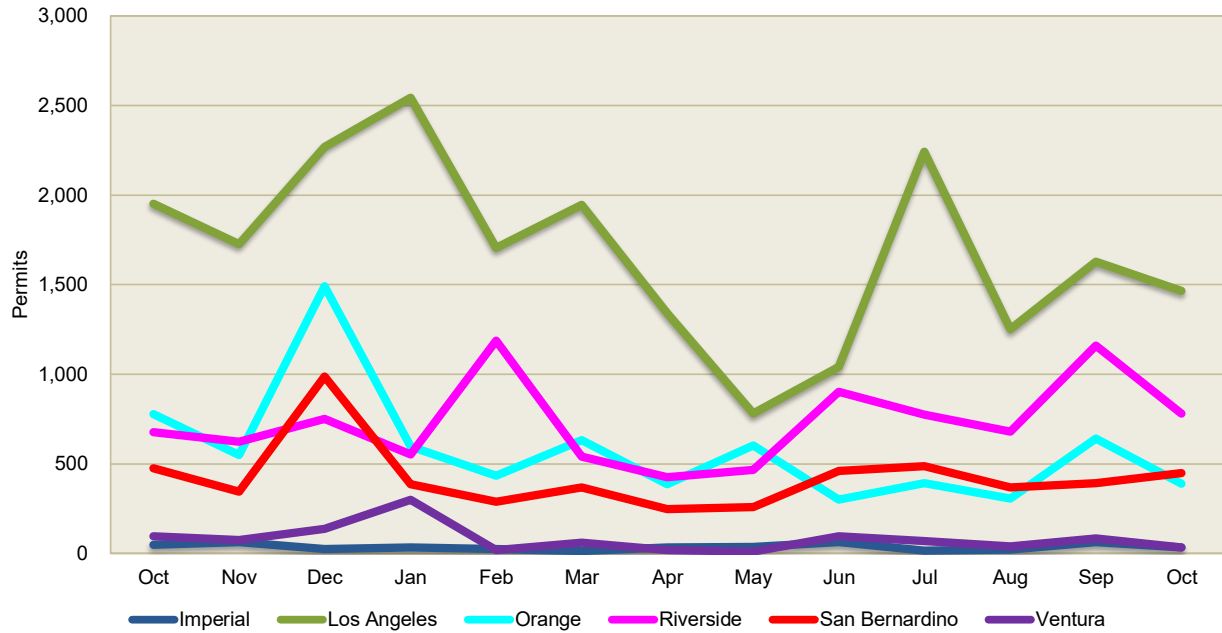


FIGURE 20

Comparative Building Permits (Total valuation)

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

2019-2020

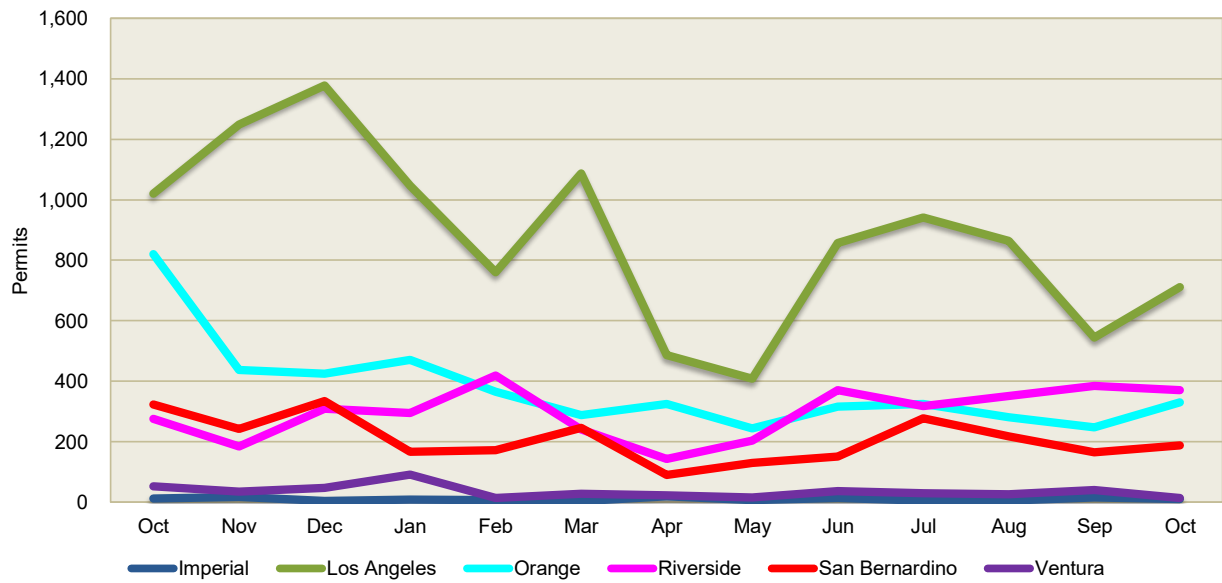


FIGURE 21

Comparative Building Permits (Residential valuation)

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

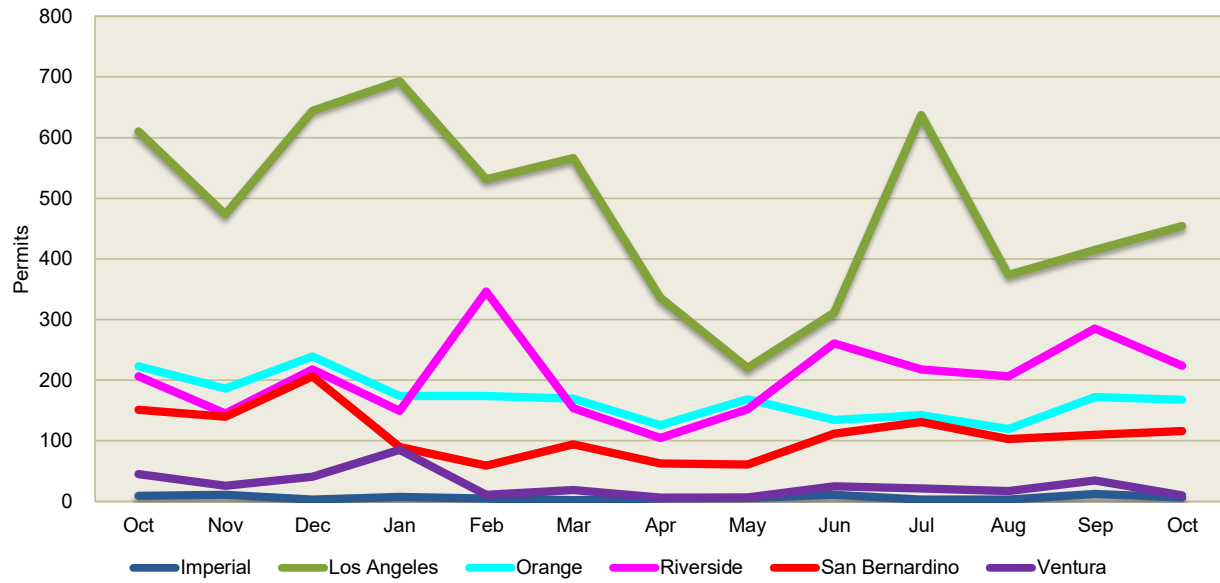


FIGURE 22

Comparative Building Permits (Non-Residential valuation)

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

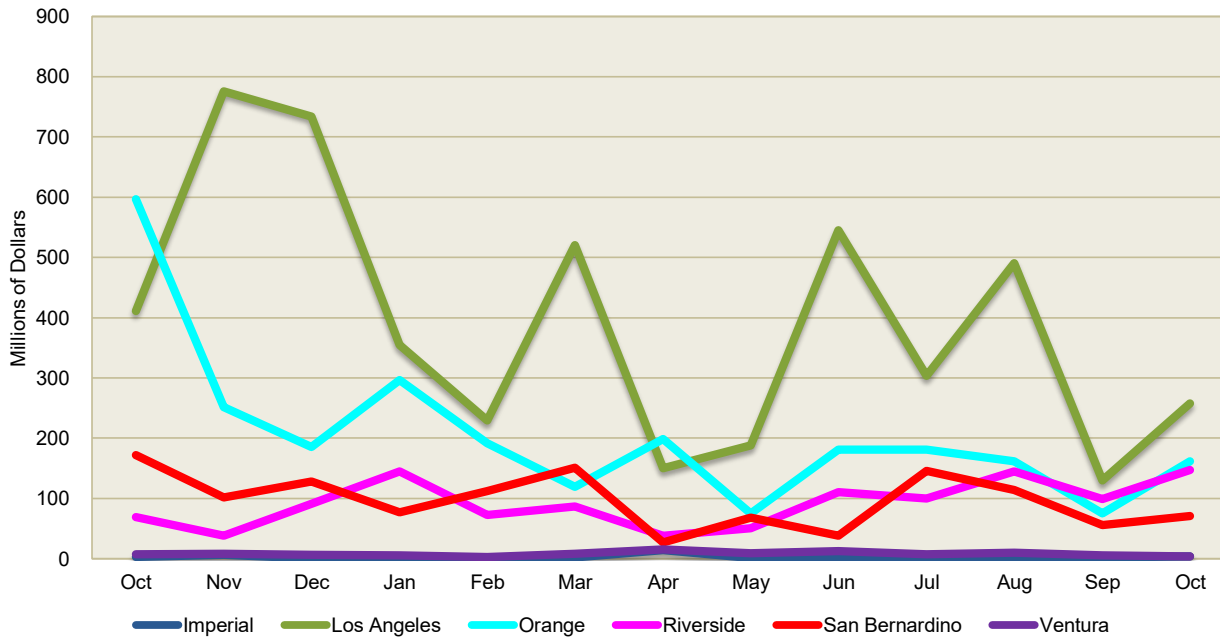


TABLE 1 WAGE AND SALARY EMPLOYMENT (THOUSAND JOBS) in SCAG REGION

COUNTY/MSA	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	% of Region Total Latest Month
IMPERIAL														
2018-2019	62.9	63.8	64.8	64.7	64.9	65.5	63.8	65.6	65.8	60.9	61.2	62.2	63.5	0.8%
2019-2020	63.5	64.3	66.1	66.1	66.4	64.1	56.5	58.0	58.7	57.8	57.8	58.5	59.5	0.8%
LOS ANGELES														
2018-2019	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	4,571.1	4,615.0	55.8%
2019-2020	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	4,095.8	4,156.5	4,235.5	55.7%
ORANGE														
2018-2019	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	1,674.9	1,684.7	20.4%
2019-2020	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	1,482.6	1,509.2	1,543.3	20.3%
RIVERSIDE														
2018-2019	759.2	769.8	770.6	758.2	758.0	761.9	765.2	765.8	767.9	762.6	764.9	765.6	772.7	9.3%
2019-2020	772.7	782.7	781.4	767.6	770.2	764.1	668.9	674.5	695.7	693.4	700.1	705.7	719.6	9.5%
SAN BERNARDINO														
2018-2019	781.3	792.2	793.1	780.4	780.1	784.2	787.6	788.2	790.4	784.9	787.2	787.9	795.2	9.6%
2019-2020	795.2	805.5	804.3	790.1	792.7	786.4	688.4	694.2	716.0	713.6	720.6	726.3	740.6	9.7%
VENTURA														
2018-2019	335.6	336.4	336.1	328.5	332.5	335.0	339.6	341.5	339.9	335.3	333.9	333.6	338.7	4.1%
2019-2020	338.7	340.1	339.2	333.1	337.4	335.8	295.8	295.6	304.1	303.1	305.6	308.3	311.9	4.1%
SCAG REGION														
2018-2019														
	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	8,195.3	8,269.8	100.0%
2019-2020	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	7,362.5	7,464.5	7,610.4	100.0%
(12MMA)*	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	7,835.5	7,774.6	7,719.6	

* 12 Month Moving Average (12MMA for Oct 2020)=Average of October 2019 through October 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	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
IMPERIAL													
2018-2019	1.8	0.9	1.0	-0.1	0.2	0.6	-1.7	1.8	0.2	-4.9	0.3	1.0	1.3
2019-2020	1.3	0.8	1.8	0.0	0.3	-2.3	-7.6	1.5	0.7	-0.9	0.0	0.7	1.0
LOS ANGELES													
2018-2019	50.7	29.5	19.2	-107.2	39.3	6.6	-11.8	7.6	5.3	-38.6	24.4	24.0	43.9
2019-2020	43.9	33.5	10.2	-62.7	40.8	-63.2	-653.5	40.2	146.9	-16.4	5.0	60.7	79.0
ORANGE													
2018-2019	19.2	6.6	-1.3	-28.1	10.8	3.4	9.2	7.7	1.1	-11.4	1.8	3.6	9.8
2019-2020	9.8	6.2	6.4	-27.5	9.8	-41.9	-225.9	8.4	68.9	-11.0	4.5	26.6	34.1
RIVERSIDE													
2018-2019	11.4	10.6	0.8	-12.3	-0.2	3.9	3.3	0.6	2.1	-5.3	2.3	0.7	7.1
2019-2020	7.1	10.0	-1.2	-13.8	2.6	-6.2	-95.2	5.6	21.2	-2.3	6.8	5.6	13.9
SAN BERNARDINO													
2018-2019	11.7	10.9	0.8	-12.7	-0.3	4.1	3.4	0.6	2.2	-5.5	2.3	0.7	7.3
2019-2020	7.3	10.3	-1.3	-14.2	2.6	-6.3	-97.9	5.7	21.8	-2.3	7.0	5.7	14.3
VENTURA													
2018-2019	4.4	0.8	-0.3	-7.6	4.0	2.5	4.6	1.9	-1.6	-4.6	-1.4	-0.3	5.1
2019-2020	5.1	1.4	-0.9	-6.1	4.3	-1.6	-40.0	-0.2	8.5	-1.0	2.5	2.7	3.6
SCAG REGION													
2018-2019	99.2	59.3	20.2	-168.0	53.8	21.1	7.0	20.2	9.3	-70.3	29.7	29.7	74.5
2019-2020	74.5	62.2	15.0	-124.3	60.4	-121.5	-1,120.1	61.2	268.0	-33.9	25.7	102.0	145.9

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	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	% Change in Latest Month
IMPERIAL														
2018-2019	-0.9	0.4	-0.6	-1.0	-0.2	1.5	0.7	0.4	0.0	0.7	0.3	1.1	0.6	1.0%
2019-2020	0.6	0.5	1.3	1.4	1.5	-1.4	-7.3	-7.6	-7.1	-3.1	-3.4	-3.7	-4.0	-6.3%
LOS ANGELES														
2018-2019	56.4	61.4	66.0	47.2	58.1	54.4	44.7	51.5	46.9	56.7	49.9	49.0	42.2	0.9%
2019-2020	42.2	46.2	37.2	81.7	83.2	13.4	-628.3	-595.7	-454.1	-431.9	-451.3	-414.6	-379.5	-8.2%
ORANGE														
2018-2019	28.2	25.4	20.0	19.1	16.7	17.4	24.2	28.1	29.2	26.5	23.8	22.6	13.2	0.8%
2019-2020	13.2	12.8	20.5	21.1	20.1	-25.2	-260.3	-259.6	-191.8	-191.4	-188.7	-165.7	-141.4	-8.4%
RIVERSIDE														
2018-2019	28.9	25.5	28.4	22.3	18.2	19.8	17.6	15.7	16.6	23.6	27.8	17.8	13.5	1.8%
2019-2020	13.5	12.9	10.9	9.4	12.2	2.1	-96.3	-91.4	-72.3	-69.2	-64.8	-59.9	-53.1	-6.9%
SAN BERNARDINO														
2018-2019	17.8	17.2	16.8	19.0	17.8	18.2	22.0	20.2	20.2	19.7	17.7	18.3	13.9	1.8%
2019-2020	13.9	13.3	11.2	9.7	12.6	2.2	-99.2	-94.0	-74.4	-71.3	-66.6	-61.6	-54.6	-6.9%
VENTURA														
2018-2019	3.8	2.7	2.6	2.7	1.3	2.7	2.4	3.1	3.6	5.1	3.8	2.4	3.1	0.9%
2019-2020	3.1	3.7	3.1	4.6	4.9	0.8	-43.8	-45.9	-35.8	-32.2	-28.3	-25.3	-26.8	-7.9%
SCAG REGION														
2018-2019	134.2	132.6	133.2	109.3	111.9	114.0	111.6	119.0	116.5	132.3	123.3	111.2	86.5	1.1%
2019-2020	86.5	89.4	84.2	127.9	134.5	-8.1	-1,135.2	-1,094.2	-835.5	-799.1	-803.1	-730.8	-659.4	-8.0%

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														
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	
UNITED STATES	3.3	3.3	3.4	4.0	3.8	4.5	14.4	13.0	11.2	10.5	8.5	7.7	6.6	3.3	3.3	3.4	4.0	3.8	4.5	14.4	13.0	11.2	10.5	8.5	7.7	6.6	
CALIFORNIA	3.7	3.7	3.7	4.3	4.3	5.8	16.2	16.0	15.1	13.9	11.3	10.7	9.0	3.7	3.7	3.7	4.3	4.3	5.8	16.2	16.0	15.1	13.9	11.3	10.7	9.0	
SCAG REGION	4.0	3.8	3.7	4.2	4.2	5.8	17.7	18.1	17.1	16.0	13.8	12.8	10.4	4.0	3.8	3.7	4.2	4.2	5.8	17.7	18.1	17.1	16.0	13.8	12.8	10.4	
IMPERIAL	19.5	18.6	17.0	18.0	17.0	20.8	28.1	27.7	27.4	27.0	22.0	21.1	18.8	19.5	18.6	17.0	18.0	17.0	20.8	28.1	27.7	27.4	27.0	22.0	21.1	18.8	
LOS ANGELES	4.3	4.1	4.0	4.5	4.6	6.6	20.4	20.8	19.6	18.5	16.8	15.3	12.1	4.3	4.1	4.0	4.5	4.6	6.6	20.4	20.8	19.6	18.5	16.8	15.3	12.1	
ORANGE	2.6	2.6	2.4	2.9	2.8	3.7	13.8	14.7	13.6	12.4	9.5	8.9	7.5	2.6	2.6	2.4	2.9	2.8	3.7	13.8	14.7	13.6	12.4	9.5	8.9	7.5	
RIVERSIDE	4.1	3.9	3.6	4.2	4.1	5.4	15.6	15.9	14.7	13.7	10.7	10.3	9.0	4.1	3.9	3.6	4.2	4.1	5.4	15.6	15.9	14.7	13.7	10.7	10.3	9.0	
SAN BERNARDINO	3.6	3.5	3.3	3.9	3.8	5.0	13.6	14.1	13.8	13.1	10.3	10.1	9.1	3.6	3.5	3.3	3.9	3.8	5.0	13.6	14.1	13.8	13.1	10.3	10.1	9.1	
VENTURA	3.4	3.4	3.4	3.9	3.7	4.7	13.9	13.7	12.6	11.4	8.7	8.3	7.1	3.4	3.4	3.4	3.9	3.7	4.7	13.9	13.7	12.6	11.4	8.7	8.3	7.1	
SCAG-US	0.7	0.5	0.3	0.2	0.4	1.3	3.3	5.1	5.9	5.5	5.3	5.1	3.8	0.7	0.5	0.3	0.2	0.4	1.3	3.3	5.1	5.9	5.5	5.3	5.1	3.8	
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	San		
Total, All Industries*	59.5	4,235.5	1,543.3	1,460.2	311.9	7,610.4	-4.0	-379.5	-141.4	-107.7	-26.8	-659.4	-8.0%	
Total Farm	10.0	4.2	1.5	13.3	21.3	50.3	-0.1	-0.4	-0.5	-0.3	-2.8	-4.1	-7.5%	
Total Nonfarm	49.5	4,231.3	1,541.8	1,446.9	290.6	7,560.1	-3.9	-379.1	-140.9	-107.4	-24.0	-655.3	-8.0%	
Total Private	31.7	3,655.1	1,385.7	1,196.4	248.3	6,517.2	-2.4	-353.6	-131.2	-95.6	-18.3	-601.1	-8.4%	
Goods Producing	3.8	467.6	254.8	194.9	42.9	964.0	0.1	-24.7	-13.2	-13.4	-2.0	-53.2	-5.2%	
Natural Resources and Mining**	2.0	1.8	0.4	1.0	0.9	6.1	-0.1	-0.2	0.0	-0.2	-0.1	-0.6	-9.0%	
Construction	NA	151.3	110.5	105.3	17.2	384.3	NA	-0.5	2.0	-1.8	-0.2	-0.5	-0.1%	
Manufacturing	1.8	314.5	143.9	88.6	24.8	573.6	0.2	-24.0	-15.2	-11.4	-1.7	-52.1	-8.3%	
Durable Goods	0.5	193.5	107.6	57.4	17.9	376.9	0.0	-7.8	-10.6	-6.7	-1.3	-26.4	-6.5%	
Nondurable Goods	1.3	121.0	36.3	31.2	6.9	196.7	0.2	-16.2	-4.6	-4.7	-0.4	-25.7	-11.6%	
Service Providing	45.7	3,763.7	1,287.0	1,252.0	247.7	6,596.1	-4.0	-354.4	-127.7	-94.0	-22.0	-602.1	-8.4%	
Trade, Transportation and Utilities	11.8	816.8	244.1	386.7	52.5	1,511.9	0.0	-35.6	-14.7	-10.5	-5.2	-66.0	-4.2%	
Wholesale Trade	1.7	213.5	71.4	66.8	12.2	365.6	-0.1	-6.2	-7.6	0.0	-1.2	-15.1	-4.0%	
Retail Trade	7.8	396.9	141.9	170.5	34.1	751.2	0.0	-19.6	-8.2	-10.8	-3.9	-42.5	-5.4%	
Transportation, Warehousing and Utilities	2.3	206.4	30.8	149.4	6.2	395.1	0.1	-9.8	1.1	0.3	-0.1	-8.4	-2.1%	
Transportation and Warehousing	NA	193.8	28.0	144.6	5.3	371.7	NA	-10.3	1.1	0.3	0.0	-8.9	-2.3%	
Air Transportation	NA	31.0	NA	NA	NA	31.0	NA	-5.0	NA	NA	NA	-5.0	-13.9%	
Truck Transportation	NA	31.5	NA	25.7	NA	57.2	NA	-2.8	NA	-2.0	NA	-4.8	-7.7%	
Warehousing and Storage	NA	20.3	5.9	85.6	NA	111.8	NA	-0.4	0.3	3.6	NA	3.5	3.2%	
Information	0.2	191.1	22.0	9.6	4.0	226.9	-0.1	-28.2	-3.9	-1.7	-0.7	-34.6	-13.2%	
Motion Picture and Sound Recording	NA	103.1	NA	NA	NA	103.1	NA	-31.2	NA	NA	NA	-31.2	-23.2%	
Telecommunications	NA	17.2	5.7	4.3	NA	27.2	NA	-0.5	-0.4	-0.9	NA	-1.8	-6.2%	
Financial Activities	1.2	223.3	114.2	44.4	15.9	399.0	0.0	-1.5	-4.5	-0.3	-0.2	-6.5	-1.6%	
Finance and Insurance	NA	141.3	78.5	23.8	11.1	254.7	NA	5.7	0.0	-0.3	-0.5	4.9	2.0%	
Real Estate and Rental and Leasing	NA	82.0	35.7	20.6	4.8	143.1	NA	-7.2	-4.5	0.0	0.3	-11.4	-7.4%	
Professional and Business Services	2.6	603.6	317.0	149.5	45.1	1,117.8	0.1	-46.4	-15.0	-8.6	-0.2	-70.1	-5.9%	
Professional, Scientific and Technical Services	NA	287.5	131.6	40.3	19.1	478.5	NA	-15.6	-1.4	-2.0	0.8	-18.2	-3.7%	
Management of Companies and Enterprises	NA	59.4	37.6	9.1	7.9	114.0	NA	-3.3	-1.4	0.2	0.1	-4.4	-3.7%	
Administrative and Support and Waste Services	NA	256.7	147.8	100.1	18.1	522.7	NA	-27.5	-12.2	-6.8	-1.1	-47.6	-8.3%	
Employment Services	NA	89.7	70.6	43.4	7.7	211.4	NA	-16.0	-9.4	-1.8	-0.7	-27.9	-11.7%	
Educational and Health Services	7.6	823.0	220.2	248.9	47.6	1,347.3	-1.7	-35.2	-13.2	-5.5	-1.7	-57.3	-4.1%	
Educational Services	NA	127.2	28.2	17.6	NA	173.0	NA	-16.4	-5.0	-3.2	NA	-24.6	-12.4%	
Health Care and Social Assistance	NA	695.8	192.0	231.3	NA	1,119.1	NA	-18.8	-8.2	-2.3	NA	-29.3	-2.6%	
Leisure and Hospitality	3.6	402.6	171.5	125.3	32.3	735.3	-0.8	-148.7	-55.9	-47.3	-6.5	-259.2	-26.1%	
Other Services	0.9	127.1	41.9	37.1	8.0	215.0	0.0	-33.3	-10.8	-8.3	-1.8	-54.2	-20.1%	
Government	17.8	576.2	156.1	250.5	42.3	1,042.9	-1.5	-25.5	-9.7	-11.8	-5.7	-54.2	-4.9%	
Federal Government	2.4	51.1	11.6	23.1	7.6	95.8	0.3	3.4	0.8	1.8	0.1	6.4	7.2%	
State and Local Government	15.4	525.1	144.5	227.4	34.7	947.1	-1.8	-28.9	-10.5	-13.6	-5.8	-60.6	-6.0%	
State Government	2.8	82.8	31.6	29.9	2.8	149.9	0.0	-10.3	-2.4	-1.9	-0.3	-14.9	-9.0%	
Local Government	12.6	442.3	112.9	197.5	31.9	797.2	-1.8	-18.6	-8.1	-11.7	-5.5	-45.7	-5.4%	
Local Government Education	NA	221.0	71.8	117.6	17.1	427.5	NA	-15.1	-6.4	-9.0	-5.0	-35.5	-7.7%	

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			Apr	May	Jun	Jul	Aug	Sep	Oct
		Oct	Nov	Dec	Jan	Feb	Mar							
UNITED STATES 2019-2020	Civilian Labor Force	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	160,073.0	161,053.0
	Civilian Employment	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	147,796.0	150,433.0
	Civilian Unemployment	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	12,277.0	10,620.0
	Civilian Unemployment Rate	3.3%	3.3%	3.4%	4.0%	3.8%	4.5%	14.4%	13.0%	11.2%	10.5%	8.5%	7.7%	6.6%
CALIFORNIA	Civilian Labor Force	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	18,678.6	18,730.8	19,341.6
	Civilian Employment	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	16,558.7	16,724.9	17,605.3
	Civilian Unemployment	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	2,119.9	2,006.0	1,736.3
	Civilian Unemployment Rate	3.7%	3.7%	3.7%	4.3%	4.3%	5.8%	16.2%	16.0%	15.1%	13.9%	11.3%	10.7%	9.0%
SCAG REGION	Civilian Labor Force	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	8,981.5	9,029.1	9,314.3
	Civilian Employment	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	7,743.5	7,873.7	8,344.8
	Civilian Unemployment	374.1	361.0	345.4	393.0	394.5	529.0	1,556.3	1,587.3	1,549.1	1,457.5	1,238.0	1,155.3	969.7
	Civilian Unemployment Rate	4.0%	3.8%	3.7%	4.2%	4.2%	5.8%	17.7%	18.1%	17.1%	16.0%	13.8%	12.8%	10.4%
SCAG share (%)	Civilian Labor Force	48.0%	48.1%	48.1%	48.2%	48.2%	47.6%	47.5%	47.6%	47.9%	48.1%	48.1%	48.2%	48.2%
	Civilian Employment	47.8%	48.0%	48.1%	48.2%	48.3%	47.6%	46.7%	46.4%	46.7%	46.9%	46.8%	47.1%	47.4%
	Civilian Unemployment	51.5%	50.3%	48.6%	46.8%	46.8%	47.8%	52.0%	53.8%	54.3%	55.5%	58.4%	57.6%	55.8%
IMPERIAL	Civilian Labor Force	72.6	72.4	71.9	72.4	71.7	73.1	71.9	71.8	73.2	71.7	68.2	67.5	68.7
	Civilian Employment	58.4	58.9	59.6	59.4	59.4	57.9	51.7	51.9	53.1	52.4	53.2	53.2	55.8
	Civilian Unemployment	14.2	13.5	12.2	13.0	12.2	15.2	20.2	19.9	20.1	19.4	15.0	14.3	13.0
LOS ANGELES	Civilian Labor Force	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	4,935.7	4,962.4	5,089.8
	Civilian Employment	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	4,107.5	4,202.3	4,476.4
	Civilian Unemployment	221.7	213.7	207.1	232.2	238.2	327.5	969.3	980.6	965.5	916.7	828.2	760.1	613.4
ORANGE	Civilian Labor Force	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	1,549.7	1,562.8	1,625.5
	Civilian Employment	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	1,402.6	1,423.4	1,502.8
	Civilian Unemployment	43.0	41.8	39.1	46.6	45.5	59.0	212.6	227.1	217.6	196.8	147.1	139.4	122.7
RIVERSIDE	Civilian Labor Force	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	1,077.7	1,081.0	1,122.1
	Civilian Employment	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	962.7	969.2	1,021.0
	Civilian Unemployment	45.5	43.1	40.6	46.8	45.7	59.1	169.5	172.8	161.9	151.3	114.9	111.8	101.1
SAN BERNARDINO	Civilian Labor Force	973.3	978.9	975.5	970.0	969.7	964.1	933.9	934.8	958.2	963.0	945.6	949.3	988.2
	Civilian Employment	938.1	944.7	943.3	932.1	932.6	915.9	806.6	803.3	826.0	836.7	848.1	853.2	898.7
	Civilian Unemployment	35.2	34.2	32.2	37.9	37.0	48.2	127.3	131.4	132.2	126.3	97.5	96.1	89.5
VENTURA	Civilian Labor Force	425.3	426.0	424.5	423.0	424.7	422.1	412.3	405.5	412.9	412.7	404.6	406.0	420.0
	Civilian Employment	410.8	411.3	410.3	406.6	409.0	402.1	354.9	350.1	361.0	365.7	369.3	372.3	390.1
	Civilian Unemployment	14.5	14.7	14.2	16.4	15.8	20.0	57.4	55.4	51.9	47.0	35.3	33.6	30.0

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	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	% of Region Total Latest Month
IMPERIAL														
2018-2019	18	3	5	9	12	24	11	3	43	22	28	41	41	2.0%
2019-2020	41	14	19	34	23	10	29	28	63	16	20	38	33	1.6%
LOS ANGELES														
2018-2019	454	482	427	468	401	457	479	594	493	429	457	441	573	27.7%
2019-2020	573	403	543	592	579	461	331	317	374	510	629	559	693	33.1%
ORANGE														
2018-2019	218	265	189	240	223	236	352	285	192	293	271	211	347	16.8%
2019-2020	347	214	261	193	305	291	96	169	233	262	252	255	275	13.2%
RIVERSIDE														
2018-2019	528	503	458	465	445	512	602	603	589	492	586	458	625	30.2%
2019-2020	625	510	676	540	1170	533	373	459	895	718	671	852	731	35.0%
SAN BERNARDINO														
2018-2019	225	147	230	216	211	266	289	341	352	372	395	326	409	19.7%
2019-2020	409	295	624	360	176	291	145	204	345	447	337	346	348	16.6%
VENTURA														
2018-2019	54	43	51	52	60	53	62	63	35	66	85	61	76	3.7%
2019-2020	76	50	68	45	11	54	14	10	41	41	36	57	11	0.5%
REGION														
2018-2019	1,497	1,443	1,360	1,450	1,352	1,548	1,795	1,889	1,704	1,674	1,822	1,538	2,071	100.0%
2019-2020	2,071	1,486	2,191	1,764	2,264	1,640	988	1,187	1,951	1,994	1,945	2,107	2,091	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	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	% of Region Total Latest Month
IMPERIAL														
2018-2019	4	0	42	2	0	171	2	6	31	35	88	0	6	0.3%
2019-2020	6	48	5	0	2	3	5	9	0	0	0	24	0	0.0%
LOS ANGELES														
2018-2019	1131	875	1601	2175	577	1222	855	1449	1064	969	992	2155	1378	70.7%
2019-2020	1378	1323	1725	1951	1125	1485	1010	464	667	1733	624	1069	772	72.9%
ORANGE														
2018-2019	61	532	66	999	81	392	618	162	533	751	553	1086	430	22.1%
2019-2020	430	334	1230	402	127	340	291	433	67	131	54	385	115	10.9%
RIVERSIDE														
2018-2019	24	282	6	547	21	7	175	158	274	145	64	170	50	2.6%
2019-2020	50	113	74	13	17	6	52	7	7	56	9	307	50	4.7%
SAN BERNARDINO														
2018-2019	13	44	81	55	236	33	193	62	12	124	197	493	66	3.4%
2019-2020	66	50	363	26	111	78	102	53	115	39	31	45	99	9.3%
VENTURA														
2018-2019	71	12	36	87	231	172	6	17	52	0	3	18	19	1.0%
2019-2020	19	24	68	254	7	6	4	0	53	28	2	27	23	2.2%
REGION														
2018-2019	1,304	1,745	1,832	3,865	1,146	1,997	1,849	1,854	1,966	2,024	1,897	3,922	1,949	100.0%
2019-2020	1,949	1,892	3,465	2,646	1,389	1,918	1,464	966	909	1,987	720	1,857	1,059	100.0%

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

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

COUNTY/MSA	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	% of Region Total Latest Month
IMPERIAL														
2018-2019	6.4	15.2	13.2	2.7	3.5	30.6	14.8	4.1	21.2	10.9	18.9	13.5	12.6	0.5%
2019-2020	12.6	17.2	4.0	8.0	6.2	4.1	19.4	6.7	13.6	4.3	5.6	14.7	10.2	0.6%
LOS ANGELES														
2018-2019	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	886.1	1,020.8	40.8%
2019-2020	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	544.5	711.8	43.8%
ORANGE														
2018-2019	350.1	675.7	327.1	630.2	316.3	506.6	782.3	345.9	341.4	501.0	380.0	308.9	820.1	32.7%
2019-2020	820.1	437.1	425.0	470.5	365.0	288.3	325.1	243.8	316.0	323.8	280.8	247.2	329.9	20.3%
RIVERSIDE														
2018-2019	301.6	285.7	296.9	315.3	258.5	368.5	431.3	402.9	291.9	247.6	279.2	198.9	275.2	11.0%
2019-2020	275.2	183.7	308.3	294.6	418.7	240.4	142.8	202.7	371.1	318.3	351.3	384.3	370.8	22.8%
SAN BERNARDINO														
2018-2019	208.7	140.9	154.8	167.3	247.1	257.6	236.7	298.9	176.9	173.2	182.0	188.9	323.5	12.9%
2019-2020	323.5	241.6	334.3	166.1	171.2	245.0	90.0	129.5	150.7	276.5	217.2	165.6	187.0	11.5%
VENTURA														
2018-2019	69.2	25.8	36.2	57.9	58.1	46.8	59.4	52.4	62.8	44.2	66.1	50.5	52.7	2.1%
2019-2020	52.7	34.2	47.8	91.1	13.9	27.5	21.9	15.7	36.9	29.2	26.7	40.4	14.3	0.9%
REGION														
2018-2019	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	1,646.7	2,504.9	100.0%
2019-2020	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	1,396.7	1,624.1	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	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	% of Region Total Latest Month
IMPERIAL														
2018-2019	4.6	0.5	3.4	1.9	2.4	19.2	3.0	2.0	12.0	6.7	13.6	7.6	9.4	0.8%
2019-2020	9.4	11.0	3.6	7.3	5.0	2.2	5.1	5.4	11.1	3.3	3.3	12.5	6.5	0.7%
LOS ANGELES														
2018-2019	543.9	424.6	557.1	826.7	358.4	524.4	530.0	657.8	445.8	438.5	528.9	559.9	609.9	49.0%
2019-2020	609.9	473.4	644.2	693.0	531.0	566.2	336.2	220.4	311.3	637.3	373.6	414.5	454.3	46.4%
ORANGE														
2018-2019	126.3	269.5	111.4	375.7	129.5	194.6	319.7	180.4	157.0	210.0	205.2	229.8	223.4	17.9%
2019-2020	223.4	185.8	239.2	173.8	173.8	169.4	126.1	168.7	134.9	142.5	119.6	171.9	168.1	17.2%
RIVERSIDE														
2018-2019	155.4	192.2	130.4	217.8	139.9	157.2	240.9	207.8	214.6	169.3	219.6	163.6	206.2	16.5%
2019-2020	206.2	145.2	217.5	149.3	346.3	153.6	104.8	152.5	260.9	218.2	206.8	285.3	223.6	22.8%
SAN BERNARDINO														
2018-2019	77.9	58.9	84.1	73.7	89.7	91.7	107.5	126.0	104.7	121.0	125.9	128.2	151.6	12.2%
2019-2020	151.6	139.6	206.3	89.6	59.2	94.0	62.9	61.1	112.3	131.1	103.0	109.9	116.1	11.9%
VENTURA														
2018-2019	38.0	20.4	29.6	49.1	46.8	38.8	23.8	32.7	28.3	31.4	38.5	28.9	45.4	3.6%
2019-2020	45.4	26.1	41.2	85.2	11.1	19.2	6.5	6.8	24.7	21.5	16.9	34.7	10.7	1.1%
REGION														
2018-2019	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	1,118.1	1,245.8	100.0%
2019-2020	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	1,028.9	979.2	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	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	% of Region Total Latest Month
IMPERIAL														
2018-2019	0.8	12.2	8.2	0.0	0.0	0.0	2.5	0.0	7.5	1.2	1.6	1.9	1.0	0.3%
2019-2020	1.0	5.0	0.0	0.0	0.0	1.1	0.0	0.1	0.5	0.0	1.4	0.0	0.0	0.0%
LOS ANGELES														
2018-2019	50.3	409.1	106.3	63.9	78.6	69.0	105.9	165.1	185.0	569.3	92.5	160.0	104.1	31.2%
2019-2020	104.1	281.1	374.7	167.2	37.0	210.3	23.5	101.0	447.7	145.5	189.2	28.7	85.4	68.2%
ORANGE														
2018-2019	3.3	117.5	58.4	48.9	11.2	155.3	193.4	22.4	76.9	150.3	125.7	1.0	189.5	56.7%
2019-2020	189.5	133.0	12.3	11.2	67.5	37.0	129.8	5.2	104.6	79.2	102.5	10.9	21.4	17.1%
RIVERSIDE														
2018-2019	49.4	18.5	11.7	27.3	15.3	65.8	37.1	42.2	16.9	20.4	33.6	15.0	8.9	2.7%
2019-2020	8.9	14.2	10.1	33.4	23.4	53.5	12.0	21.6	17.4	28.2	13.0	40.1	13.8	11.0%
SAN BERNARDINO														
2018-2019	6.3	12.6	6.8	9.0	43.9	27.9	41.6	61.6	18.5	10.3	15.6	12.4	30.7	9.2%
2019-2020	30.7	47.9	60.6	4.3	6.3	48.9	10.2	4.8	19.2	93.0	1.9	0.5	4.7	3.8%
VENTURA														
2018-2019	1.0	0.0	0.6	0.0	1.3	0.0	0.3	0.2	12.5	5.3	0.0	0.0	0.0	0.0%
2019-2020	0.0	0.7	0.2	0.9	0.0	1.8	3.5	0.0	3.5	0.0	0.0	1.3	0.0	0.0%
REGION														
2018-2019	111.1	569.9	192.0	149.0	150.3	318.1	380.8	291.4	317.3	756.8	269.0	190.3	334.2	100.0%
2019-2020	334.2	481.9	457.9	216.9	134.3	352.5	179.0	132.7	592.8	345.9	308.1	81.5	125.3	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	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	% of Region Total Latest Month
IMPERIAL														
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%
LOS ANGELES														
2018-2019	11.4	0.0	34.7	0.0	0.0	39.3	10.7	0.9	9.7	0.9	0.3	0.6	0.0	0.0%
2019-2020	0.0	1.4	0.0	2.8	0.0	1.3	0.0	10.1	1.0	7.8	0.3	4.0	0.0	0.0%
ORANGE														
2018-2019	0.0	24.3	0.0	0.0	0.2	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0%
2019-2020	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.1	1.2	1.2	3.8	0.7	0.1	0.0%
RIVERSIDE														
2018-2019	0.0	47.2	22.3	28.8	68.3	99.7	106.2	97.8	5.8	17.7	6.9	0.0	10.0	8.3%
2019-2020	10.0	3.5	49.1	50.1	18.5	0.7	0.0	0.6	25.9	25.9	7.7	0.0	69.6	0.0%
SAN BERNARDINO														
2018-2019	105.2	46.2	22.1	54.8	0.0	75.6	57.0	61.5	1.1	6.9	0.2	25.1	110.2	91.7%
2019-2020	110.2	34.8	49.3	21.2	64.6	8.7	3.3	28.1	1.3	26.5	11.8	25.2	21.3	0.0%
VENTURA														
2018-2019	5.9	0.0	1.3	0.0	0.0	0.0	0.0	12.3	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	4.9	0.0	0.0	0.0	0.0	0.0	0.0%
REGION														
2018-2019	122.6	117.7	80.4	83.6	68.5	214.5	173.9	173.3	16.7	25.6	7.3	25.7	120.2	100.0%
2019-2020	120.2	41.0	98.4	74.1	83.1	10.6	3.3	43.7	29.4	61.4	23.5	29.8	91.0	0.0%

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

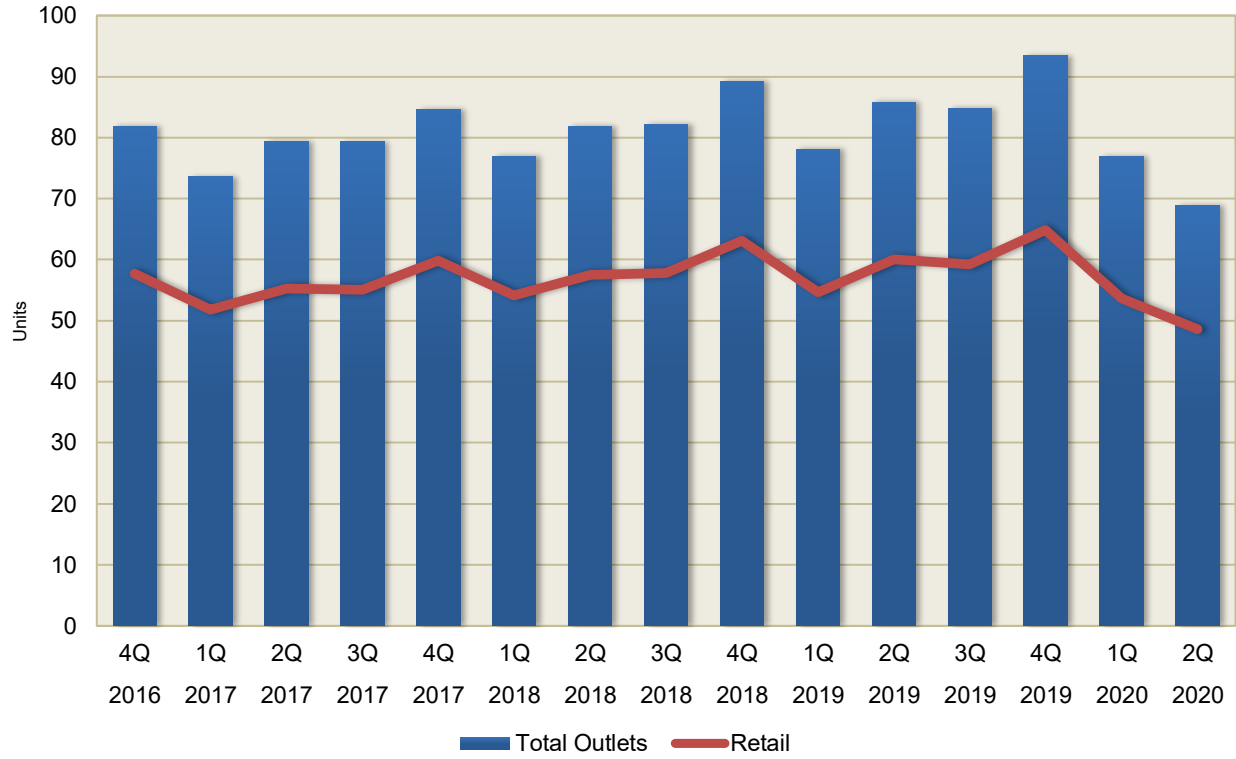
TABLE 13 SCAG REGION BUILDING PERMITS (VALUATION / MILLION DOLLARS, OTHERS)

COUNTY/MSA	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	% of Region Total Latest Month
IMPERIAL														
2018-2019	1.1	2.5	1.6	0.8	1.1	11.4	9.3	2.1	1.6	2.9	3.6	4.1	2.1	0.3%
2019-2020	2.1	1.1	0.4	0.7	1.2	0.8	14.2	1.2	2.0	1.0	0.9	2.2	3.7	0.9%
LOS ANGELES														
2018-2019	610.8	156.9	225.4	213.3	263.5	292.4	313.3	944.8	425.5	226.6	229.1	165.6	306.8	38.1%
2019-2020	306.8	493.2	359.0	184.4	192.8	309.0	127.0	76.8	96.7	150.5	300.8	97.3	172.1	40.2%
ORANGE														
2018-2019	220.5	264.3	157.4	205.6	175.4	156.7	269.2	142.3	107.4	140.6	49.1	78.0	407.3	50.6%
2019-2020	407.3	117.0	173.4	285.5	123.7	82.0	69.3	69.8	75.3	100.9	55.0	63.8	140.3	32.7%
RIVERSIDE														
2018-2019	96.8	27.9	132.5	41.3	35.1	45.8	47.2	55.1	54.6	40.1	19.1	20.3	50.0	6.2%
2019-2020	50.0	20.9	31.6	61.8	30.6	32.6	26.1	28.0	67.0	46.1	123.8	58.9	63.8	14.9%
SAN BERNARDINO														
2018-2019	19.2	23.1	41.8	29.8	113.6	62.4	30.6	49.8	52.5	35.0	40.3	23.1	31.1	3.9%
2019-2020	31.1	19.3	18.1	51.1	41.1	93.5	13.5	35.4	18.0	25.9	100.5	30.0	44.8	10.5%
VENTURA														
2018-2019	24.3	5.5	4.8	8.8	9.9	8.0	35.4	7.2	22.1	7.6	27.5	21.6	7.3	0.9%
2019-2020	7.3	7.5	6.3	5.0	2.8	6.5	11.9	4.0	8.7	7.7	9.8	4.3	3.7	0.9%
REGION														
2018-2019	972.8	480.1	563.5	499.7	598.5	576.7	704.9	1,201.3	663.6	452.8	368.8	312.6	804.7	100.0%
2019-2020	804.7	658.9	588.8	588.4	392.2	524.3	262.0	215.3	267.7	332.1	590.8	256.5	428.5	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

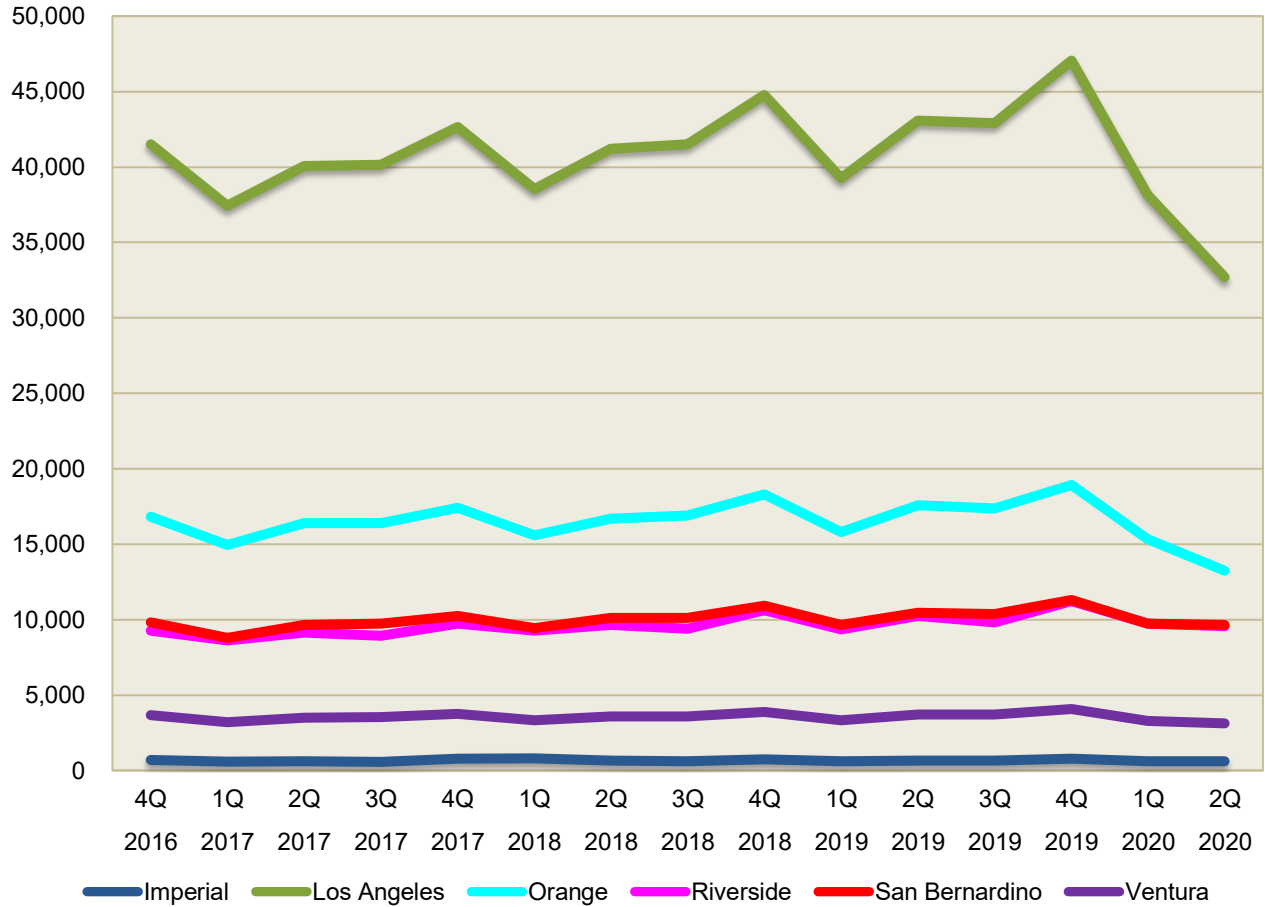


TABLE 14 SCAG REGION TAXABLE SALES (MILLIONS, TOTAL ALL OUTLETS)

COUNTY/MSA	2016				2017				2018				2019				2020		% of Region Total Latest Quarter
	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q				
IMPERIAL																			
2016-2019	692	587	595	588	792	804	670	593	727	629	673	669	794	621	615	0.9%			
LOS ANGELES																			
2016-2019	41,488	37,436	40,062	40,139	42,643	38,523	41,219	41,490	44,792	39,276	43,068	42,912	47,058	38,140	32,702	47.5%			
ORANGE																			
2016-2019	16,833	14,933	16,398	16,386	17,432	15,584	16,691	16,893	18,301	15,819	17,578	17,366	18,927	15,332	13,243	19.2%			
RIVERSIDE																			
2016-2019	9,279	8,620	9,129	8,911	9,748	9,250	9,646	9,395	10,629	9,373	10,223	9,804	11,227	9,715	9,554	13.9%			
SAN BERNARDINO																			
2016-2019	9,834	8,788	9,654	9,730	10,227	9,419	10,102	10,113	10,920	9,637	10,445	10,384	11,302	9,741	9,634	14.0%			
VENTURA																			
2016-2019	3,662	3,196	3,519	3,533	3,754	3,312	3,562	3,589	3,861	3,318	3,709	3,699	4,075	3,277	3,124	4.5%			
REGION																			
2016-2019	81,787	73,560	79,356	79,287	84,596	76,892	81,890	82,073	89,228	78,052	85,696	84,833	93,382	76,827	68,872	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
	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q				
IMPERIAL																			
2016-2019	461	405	412	402	493	434	428	401	516	434	458	429	532	435	374	0.8%			
LOS ANGELES																			
2016-2019	29,822	26,771	28,517	28,359	30,651	27,732	29,443	29,742	32,228	28,081	30,737	30,479	33,148	27,205	23,373	48.1%			
ORANGE																			
2016-2019	11,551	10,156	11,004	11,106	11,999	10,602	11,395	11,575	12,506	10,688	11,867	11,808	12,772	10,318	9,201	18.9%			
RIVERSIDE																			
2016-2019	6,618	6,200	6,418	6,228	7,009	6,645	6,922	6,769	7,707	6,763	7,334	6,970	7,996	6,917	6,912	14.2%			
SAN BERNARDINO																			
2016-2019	6,599	5,929	6,367	6,365	6,942	6,292	6,682	6,661	7,271	6,322	6,915	6,856	7,492	6,317	6,458	13.3%			
VENTURA																			
2016-2019	2,674	2,329	2,540	2,561	2,771	2,428	2,602	2,628	2,828	2,413	2,687	2,682	2,913	2,398	2,302	4.7%			
REGION																			
2016-2019	57,725	51,790	55,259	55,021	59,865	54,133	57,471	57,777	63,057	54,701	59,999	59,225	64,854	53,591	48,620	100.0%			

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



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