

TABLE 3.17-3 Summary of Existing (2019) Trip Length and Duration

COUNTY	AVERAGE PERSON TRIP LENGTH		AVERAGE HOME-TO-WORK TRIP DURATION (MINUTES)		
	TRIP PURPOSE	AVERAGE PERSON TRIP LENGTH (MILES)	VEHICLE TRIPS (A.M. ONLY)	TRANSIT TRIPS (A.M. ONLY)	WALK/BIKE TRIPS (AM ONLY)
Imperial	Home-Based Work Trips	15.20	17.83	57.56	20.64
	Non-Work Trips	3.77			
Los Angeles	Home-Based Work Trips	15.32	29.35	65.56	25.26
	Non-Work Trips	6.12			
Orange	Home-Based Work Trips	15.20	23.45	81.66	22.82
	Non-Work Trips	6.09			
Riverside	Home-Based Work Trips	21.11	31.77	93.25	22.97
	Non-Work Trips	6.28			
San Bernardino	Home-Based Work Trips	21.51	32.52	108.95	22.86
	Non-Work Trips	6.12			
Ventura	Home-Based Work Trips	16.50	28.51	107.99	21.22
	Non-Work Trips	5.73			
Region	Home-Based Work Trips	16.63	28.73	69.56	24.24
	Non-Work Trips	6.10	—	—	—

Source: SCAG Modeling (2023)

Table Notes: Only considers Home to work/business direct trips. Numbers may not sum to total due to rounding.

TABLE 3.17-4 Existing (2019) Travel Mode Split (Percentage of County Total)

COUNTY	PERSON TRIP TYPE	DRIVE ALONE	2-PERSON CARPOOL	3-PERSON CARPOOL	AUTO PASSENGER TRIP	TRANSIT	NON-MOTORIZED	TOTAL
Imperial	Home Based Work	61.6%	11.2%	10.9%	4.5%	0.2%	11.6%	100.0%
	All Daily Trips	30.2%	13.3%	10.4%	27.9%	1.1%	17.1%	100.0%
Los Angeles	Home Based Work	65.5%	9.6%	7.4%	6.5%	5.4%	5.7%	100.0%
	All Daily Trips	35.9%	12.8%	9.2%	27.8%	3.5%	10.9%	100.0%
Orange	Home Based Work	72.9%	9.1%	7.5%	5.4%	0.9%	4.2%	100.0%
	All Daily Trips	39.5%	12.5%	9.1%	28.1%	1.2%	9.5%	100.0%
Riverside	Home Based Work	71.8%	10.3%	8.7%	4.8%	0.8%	3.6%	100.0%
	All Daily Trips	35.3%	12.9%	10.3%	31.3%	1.4%	8.8%	100.0%
San Bernardino	Home Based Work	71.3%	10.5%	8.7%	5.0%	1.1%	3.3%	100.0%
	All Daily Trips	37.1%	13.5%	10.1%	28.8%	1.5%	9.0%	100.0%
Ventura	Home Based Work	72.2%	8.4%	6.7%	4.7%	0.6%	7.5%	100.0%
	All Daily Trips	37.4%	12.0%	9.2%	28.0%	1.2%	12.3%	100.0%
Total	Home Based Work	68.4%	9.6%	7.7%	5.8%	3.4%	5.1%	100.0%
	All Daily Trips	36.6%	12.8%	9.5%	28.4%	2.5%	10.3%	100.0%

Source: SCAG Modeling (2023)

Table Note: Numbers in each column may not add up precisely due to rounding.

TABLE 3.17-11 Daily Transit Boardings

DAILY TRANSIT BOARDING	EXISTING (2019)	2050 PLAN
Commuter Rail	46,537	232,397
Local Bus	1,238,924	3,009,374
Local Rail	330,055	894,343
Bus Rapid Transit	25,615	92,091
Express Bus	18,717	25,604
HSR	0	10,779
Rapid Bus	187,831	125,549
Transitway	40,568	47,835
Total (Transit)	1,888,246	4,437,972

Source: SCAG Modeling (2023)

Table Note: Numbers may not sum to total due to rounding.

TABLE 3.17-13 VMT 2019 and 2050 by County

COUNTY	IN THOUSANDS ¹			
	2019		2050 PLAN	
	LIGHT-MEDIUM DUTY VEHICLES	ALL VEHICLES	LIGHT-MEDIUM DUTY VEHICLES	ALL VEHICLES
Imperial	6,000	7,000	7,000	9,000
Los Angeles	207,000	220,000	188,000	206,000
Orange	72,000	77,000	70,000	75,000
Riverside	54,000	59,000	63,000	72,000
San Bernardino	57,000	63,000	63,000	72,000
Ventura	18,000	19,000	16,000	17,000
SCAG Region	414,000	444,000	407,000	450,000

Source: SCAG modeling (2023)

Table Notes: Numbers may not sum to total due to rounding.

1. Numbers are rounded to nearest thousand.

TABLE 3.17-15 VMT per Capita by County (2019 and 2050)

COUNTY	TOTAL VMT PER CAPITA			
	LIGHT/MEDIUM-DUTY VEHICLES		ALL VEHICLES	
	2019	2050	2019	2050
Imperial	32.98	35.04	38.47	42.31
Los Angeles	20.61	17.40	21.93	19.05
Orange	22.65	20.28	23.97	21.82
Riverside	22.67	21.18	24.77	23.95
San Bernardino	26.24	23.83	28.87	27.27
Ventura	20.63	18.54	21.94	20.16
Regional	21.99	19.44	23.60	21.52

Source: SCAG modeling (2023); SCAG 2023c

Table Note: Numbers may not sum to total due to rounding.

TABLE 3.17-16 Total Daily Vehicle Hours of Delay (2019 and 2050)

COUNTY	2019	2050 PLAN
Imperial	6,726	11,207
Los Angeles	1,533,818	1,095,027
Orange	364,635	242,399
Riverside	142,765	167,402
San Bernardino	169,850	161,121
Ventura	64,782	33,840
Regional	2,282,577	1,710,995

Source: SCAG modeling (2023)

Table Note: Numbers may not sum to total due to rounding.

TABLE 3.17-17 Percent of PM Work Trips Completed within 45 Minutes

COUNTY	2019	2050 PLAN
Single Occupant Vehicles		
Imperial	89.09%	85.32%
Los Angeles	74.04%	84.50%
Orange	85.98%	91.30%
Riverside	71.16%	83.74%
San Bernardino	68.41%	80.86%
Ventura	77.34%	86.16%
Region	75.69%	85.31%
High Occupancy Vehicles		
Imperial	88.87%	78.40%
Los Angeles	75.80%	83.35%
Orange	86.19%	90.18%
Riverside	71.48%	83.42%
San Bernardino	72.22%	80.94%
Ventura	79.83%	87.36%
Region	77.01%	84.44%
Transit		
Imperial	46.00%	25.40%
Los Angeles	37.22%	39.54%
Orange	42.07%	45.40%
Riverside	59.56%	55.90%
San Bernardino	55.06%	47.72%
Ventura	46.63%	54.04%
Region	38.87%	41.70%

Source: SCAG Modeling (2023)

Table Note: Numbers may not sum to total due to rounding.

TABLE 3.19-11 2050 Plan Lane Miles by County

COUNTY	FREEWAY (MIXED-FLOW)	TOLL*	TRUCK	EXPRESSWAY/PARKWAY	PRINCIPAL ARTERIAL	MINOR ARTERIAL	COLLECTOR	FREEWAY (HOV)	RAMP	TOTAL (ALL FACILITIES)
Imperial	417	—	—	324	413	529	2,479	—	38	4,199
Los Angeles	4,684	376	141	206	7,909	8,965	7,085	354	925	30,645
Orange	1,424	521	16	4	3,853	3,087	1,101	145	376	10,525
Riverside	1,937	221	13	122	1,359	3,695	5,837	80	361	13,625
San Bernardino	2,596	280	55	263	1,992	4,623	6,800	138	352	17,098
Ventura	570	—	—	—	848	989	1,076	68	122	3,673
Total	11,627	1,398	224	918	16,372	21,888	24,377	786	2,173	79,764

Source: SCAG Transportation Modeling (2023)

Table Notes: Numbers may not sum to total due to rounding.

* Toll includes truck and High-occupancy toll (HOT)

TABLE 4-6 VMT 2050 by County

COUNTY	IN THOUSANDS ^a			
	2050 NO PLAN		2050 PLAN	
	LIGHT-MEDIUM-DUTY VEHICLES	ALL VEHICLES	LIGHT-MEDIUM-DUTY VEHICLES	ALL VEHICLES
Imperial	7,000	9,000	7,000	9,000
Los Angeles	205,000	223,000	188,000	206,000
Orange	73,000	78,000	70,000	75,000
Riverside	65,000	73,000	63,000	72,000
San Bernardino	67,000	76,000	63,000	72,000
Ventura	17,000	18,000	16,000	17,000
SCAG Region	434,000	477,000	407,000	450,000

Source: SCAG Connect SoCal 2024 modeling (2023)

Table Note:

a. Numbers are rounded to nearest thousand and may not sum to totals.

TABLE 4-7 Population and VMT (2050)

	2050 NO PLAN	2050 PLAN	2050 PLAN VS. 2050 NO PLAN
Total Population	20,909,000	20,909,000	0%
Light-Duty Vehicle VMT	433,567,363	406,531,128	-6.2%
Total VMT	477,132,165	449,922,574	-5.7%
VMT per Capita Light-Duty Vehicles	20.74	19.44	-6.2%
VMT per Capita All Vehicles	22.82	21.52	-5.7%

Source: SCAG Connect SoCal 2024 modeling (2023)

Table Note: Numbers may not sum to total due to rounding.

TABLE 4-8 Daily Transit Boardings

DAILY TRANSIT BOARDING	2050 NO PLAN	2050 PLAN
Commuter Rail	53,011	232,397
Local Bus	1,933,545	3,009,374
Local Rail	554,161	894,343
Bus Rapid Transit	35,658	92,091
Express Bus	21,876	25,604
HSR	0	10,779
Rapid Bus	62,270	125,549
Transitway	41,514	47,835
Total (Transit)	2,702,034	4,437,972

Source: SCAG Connect SoCal 2024 (2023)

Table Note: Numbers may not sum to total due to rounding.

TABLE 4-9 Percentage of Mode Share on Transit and Active Transportation

MODE SHARE	2050 NO PLAN	2050 PLAN
Walk	8.8%	10.2%
Bike	1.6%	3.5%
Transit	2.9%	4.3%
Total	13.3%	17.9%

Source: SCAG Connect SoCal 2024 modeling (2023)

Table Note: Numbers may not sum to total due to rounding.

TABLE 4-10 Total Daily Vehicle Hours of Delay (2050)

COUNTY	2050 NO PLAN	2050 PLAN
Imperial	17,139	11,207
Los Angeles	1,321,497	1,095,027
Orange	346,065	242,399
Riverside	237,612	167,402
San Bernardino	295,584	161,121
Ventura	54,020	33,840
Regional	2,271,918	1,710,995

Source: SCAG modeling (2023)

Table Note: Numbers may not sum to total due to rounding.

TABLE 4-11 Percent of PM Work Trips Completed within 45 Minutes

COUNTY	2050 NO PLAN	2050 PLAN
Autos – Single Occupancy Vehicles		
Imperial	84.82%	85.32%
Los Angeles	77.98%	84.50%
Orange	88.12%	91.30%
Riverside	77.99%	83.74%
San Bernardino	74.39%	80.86%
Ventura	81.64%	86.16%
Region	79.66%	85.31%
Autos – High Occupancy Vehicles		
Imperial	80.37%	78.40%
Los Angeles	79.69%	83.35%
Orange	88.04%	90.18%
Riverside	77.95%	83.42%
San Bernardino	76.06%	80.94%
Ventura	83.18%	87.36%
Region	80.67%	84.44%
Transit		
Imperial	31.25%	25.40%
Los Angeles	37.87%	39.54%
Orange	38.51%	45.40%
Riverside	54.57%	55.90%
San Bernardino	47.84%	47.72%
Ventura	45.49%	54.04%
Region	38.61%	41.70%

Source: SCAG modeling (2023)

Table Note: Numbers are rounded to nearest thousand and may not sum precisely.