

5.3 Base Year household/population demographics

The base year for SACSIM19 is 2016. The ACS data, tract level 5-year sample 2012-2016, provides a comprehensive demographic portrait of the region’s population. Based on these ACS tract level totals and ACS Public Use Microdata Sample (PUMS) data, SACOG uses a software tool PopGEN to develop a representative, or synthetic, population to use to model travel within the region using SACSIM.

Table 5-1 through Table 5-5 provide demographic distributions of the five main control variables at county-level in 2016 representative population file. Although reported here at county level, these control variables were established at census tract level.

Table 5-1 Household Size Distribution

SACSIM19 Representative Sample Data

County	1 person	2 persons	3 persons	4+ persons
El Dorado*	21%	40%	17%	22%
Placer*	24%	36%	15%	24%
Sacramento	27%	31%	16%	27%
Sutter	22%	30%	17%	31%
Yolo	24%	32%	18%	27%
Yuba	20%	32%	17%	31%
Total	25%	33%	16%	26%

Source: SACOG 2020.

Based on American Community Survey 2012 5-year Sample data, excludes Tahoe Basin.

Table 5-2 Workers per Household Distribution

SACSIM19 Representative Sample Data

County	0 worker	1 workers	2 workers	3+ persons
El Dorado*	32%	37%	28%	4%
Placer*	30%	35%	29%	6%
Sacramento	27%	40%	27%	6%
Sutter	29%	38%	26%	7%
Yolo	26%	36%	31%	7%
Yuba	32%	40%	24%	5%
Total	28%	38%	28%	6%

Source: SACOG 2020.

Based on American Community Survey 2012 5-year Sample data, excludes Tahoe Basin.

Table 5-3 Household Income Distribution

SACSIM19 Representative Sample Data

County	< \$20K	\$20K - \$40K	\$40K - \$60K	\$60K - \$100K	\$100K+
El Dorado*	11%	16%	13%	22%	39%
Placer*	11%	14%	13%	23%	39%
Sacramento	17%	19%	16%	23%	26%
Sutter	18%	20%	16%	23%	22%
Yolo	19%	17%	15%	20%	28%
Yuba	18%	24%	18%	23%	16%
Total	16%	18%	15%	23%	28%

Source: SACOG 2020.

Based on American Community Survey 2012 5-year Sample data, excludes Tahoe Basin.

Table 5-4 Year 2020 Age of Householder Distribution

SACSIM19 Representative Sample Data

County	< 35 Years	35 - 64 years	>= 65 Years
El Dorado*	9%	60%	31%
Placer*	14%	57%	29%
Sacramento	21%	57%	21%
Sutter	20%	56%	24%
Yolo	28%	52%	20%
Yuba	27%	53%	20%
Total	20%	57%	23%

Source: SACOG 2020.

Based on American Community Survey 2012 5-year Sample data, excludes Tahoe Basin.

Table 5-5 Year 2016 Household Population Age Distribution

County	<= 14 years	15 - 34 years	35 - 64 years	>= 65 years	Population
El Dorado*	18%	21%	43%	19%	147,202
Placer*	20%	23%	39%	18%	363,896
Sacramento	21%	29%	37%	13%	1,476,573
Sutter	22%	28%	36%	14%	96,392
Yolo	18%	38%	33%	11%	214,784
Yuba	24%	31%	34%	11%	77,464
Total	20%	28%	37%	14%	2,376,311

Source: SACOG 2020.

Based on American Community Survey 2012 5-year Sample data, excludes Tahoe Basin.