

**Summary:
Population Forecast for DRAFT EIR
Angels Camp 2020 General Plan**

Draft EIR Pages 101 – 105

Projected Population Trends through 2020

The resident population of Angels Camp on January 1, 2005, was estimated by the California Department of Finance at 3,537 individuals¹. The average annual growth rate for Angels Camp has varied widely throughout its history - from a population decline of 0.28% to a population increase of 5.25% as described in the following paragraphs.

The California Department of Finance (DOF) projects that Calaveras County will grow from a population of 40,890 in 2000 to a population of 59,691 in 2020² - a population increase of 46% over 20 years (an average annual population increase of 940± individuals, or an average annual growth rate of approximately 2.3%) for the period between 2000 and 2020.

However, while the Department of Finance provides annual population *estimates* for cities, it does not provide population *projections* for cities the size of Angels Camp. And, the growth rate in Angels Camp historically has not followed that of the county (being both above and below the county growth rate throughout history). Therefore, the city must rely on other guides to project population growth trends through the year 2020. These guides include, but are not limited to:

- Historical Population Growth Trends for the City
- The Regional Housing Needs Allocation Study, 2001-2008 (RHNA)
- The City's Water and Wastewater Master Plan
- The 2007 Calaveras County Regional Transportation Plan

¹ Table E-1 City/County Population Estimates with Annual Percentage Change January 1, 2004 - January 1, 2005, California Department of Finance, Sacramento, CA May, 2005

² State of California, Department of Finance, *Population Projections by Race/Ethnicity, Gender and Age for California and Its Counties 2000-2050*, Sacramento, California, May 2004 - Calaveras County 2000, 2020

Table 1: Historical Population Growth Trends 1912-2000/a/

Year	Population	Change from Preceding Census Year		
		# Persons	10 Yr. % Change	Gross Annual Growth Rate
1912*	4,000	--	--	--
1920	941	-3,059	--	--
1930	915	-26	-2.8%	0.28%
1940	1,163	+248	+27.1%	2.71%
1950	1,147	-16	-1.4%	0.14%
1960	1,121	-26	-2.3%	0.23%
1970	1,710	+589	52.5%	5.25%
1980	2,302	+592	34.6%	3.46%
1990	2,409	+107	4.6%	0.46%
2000	3,004	+595	24.7%	2.47%

/a/ Source: Historical Census Populations of Places, Towns and Cities in California, 1850-1990; California Department of Finance

Table 2: Gross Annual Average Population Variations (1912-2000)

Reference Range	Average
80-year gross annual average (1920-2000)	1.71%
50-year gross annual average (1950-2000)	2.25%
20-year gross annual average (1980-2000)	3.20%
10-year gross annual average (1990-2000)	1.47%

Table 3: Recent population Trends (2001-2005) /a/

Year	Population Estimate	Change from Preceding Year	% Change from Previous Year
2000	3,004	--	--
2001	3,153	+149	4.96%
2002	3,307	+154	4.88%
2003	3,392	+85	2.57%
2004	3,494	+102	3.00%
2005	3,537	+43	1.23%

/a/ Source: State of California, Department of Finance, *E-4 Population Estimates for Cities, Counties and the State, 2001-2005, with 2000 DRU Benchmark*. Sacramento, California, May 2005.

Regional Housing Needs Allocation Study

Another guide for projecting the city's growth rate may be found in the city's Housing Element (*2020 General Plan Chapter 2*). That element is based on projections in support of the Regional Housing Needs Allocation (RHNA) Study covering a period of 7.5 years from January 1, 2001 through June 30, 2008 for the counties of Alpine, Amador, Calaveras and Tuolumne. The RHNA is based on regional population projections for the four counties adjusted for net migration, births and deaths.

The RHNA projections call for 282 new housing units for a 7.5 year period in Angels Camp between 2001 and 2008. Household size in Angels Camp averages 2.34 persons and comprises 33.4% of total units. Family size in Angels Camp averages 2.82 persons and comprises 66.6% of total units. Therefore, 282 housing units is equivalent to a population increase of approximately 750 persons over a 7.5 year period (or an average of approximately 100 new persons annually). This equals a gross annual average growth rate of approximately 3%.

City Water and Wastewater Master Plan

The city's water and wastewater master plans are based on growth projections of 2% annually. This growth rate is fiscally conservative, to ensure expansion and upgrades are not dictated before capital improvement funds derived from development are available. The plans include provisions for monitoring the city's population growth rate and for considering adjustments to the water and wastewater master plans should growth exceed 2%.

2007 Calaveras County Regional Transportation Plan

The growth projection used for the adopted 2007 Calaveras County Regional Transportation Plan is 2.52%. (See excerpts following)

Other Population Issues

As noted in the Public Facilities & Services Element and the Parks & Recreation Element of the *2020 General Plan*, the population of Angels Camp is not directly related to resident population. Non-residents including weekday workers, shoppers and visitors also contribute to the city's total population and demands on various services (e.g., police, fire, parks and recreation facilities, roads). As described in the Public Facilities & Services and Park and Recreation Elements, this non-resident population can increase the city population to nearly double (excluding special events such as the Frog Jump where the population may further increase). Therefore, this general plan also must address the demands of a non-resident population.

Summary and Conclusions

Historically, city growth rates have reached a high of 5.25%. Through 2020, Calaveras County's population is expected to increase by approximately 2.3% annually - although the city's growth rate has not always mirrored that of the county. The city's housing needs projections are based on regional figures indicating an annual growth rate of approximately 3.0%. The city's water and wastewater management plans are based on a 2% growth rate (with provisions for reassessing those growth rates). The *2007 Calaveras County Regional Transportation Plan* relies on a growth projection of 2.52%. Growth rates based on population estimates from the California Department of Finance in 2005 indicate that city's annual population growth rate in recent years has varied widely between approximately 1.2% and 5.0% annually between 2001 and 2005.

The planning horizon for *Angels Camp 2020 General Plan* is the year 2020 - a plan addressing the next 15± years. Historically, the city annual average growth rate over a 20-year period has been 3.2%. Given the long-term resident population growth trends of the city historically (approximately 3.2% over 20 years), the regional trends as reflected in the city’s regional housing needs allocation study (approximately 3.0%), and the growth projections in the adopted 2007 Calaveras County Regional Transportation Plan (2.52%); and the highly variable annual population trends as indicated by the Department of Finance, the city should plan for a resident population annual average growth rate ranging between approximately 2.52% and 3.2% for the 15-year planning period. While actual resident population growth trends may sometimes exceed and sometimes fall short of this actual growth rate in any given year; this projected growth rate has proven reliable historically (for the long-term), regionally (in the moderate-term) and locally (in the short-term).

Population figures for planning services involving police, fire, roads, park and recreation facilities and similar services used by both resident and non-resident population should rely on population figures above those of the resident population projections.

Finally, the city intends to establish a Growth Management /Infrastructure Allocation Program (**Program 1.A.g**). Preparation of that plan may result in further refinements to growth projections provided herein.

Therefore, while the *Angels Camp 2020 General Plan* is based on a projected resident population average annual growth rate between 2.52% and 3.2%, the following population projections are provided as a guide for future refinements to resident population projections and to address desirable service levels for services subject to the demands of both a resident population and a non-resident population.

Table 4: Projected 2020 Resident Population/a/

	% Annual Average Growth Rate	Projected 2020 Population/b/
2007 Regional Transportation Plan Projection (countywide)/a/	2.52%	5,138
General Plan 2020 Resident Population Projection	2.86%	5,400
20-year historic city population growth rate	3.2%	5,673

/a/ Countywide population projects are frequently lower than the growth rate for the city

/b/ Projected from 3,537 base population in 2005, California Department of Finance Population Estimates for Cities

Based on historical growth rates over the long term, the Regional Housing Needs Allocation projections, the 2007 Regional Transportation Plan, City water and wastewater master plans, California Department of Finance Projections, and county population projections; the City anticipates its resident population will reach between 5,138 and 5,673 individuals by 2020—an increase of between 1,601 and 2,136 individuals. Therefore, for the purposes of *General Plan 2020* and this analysis, the population for Angels Camp is expected to reach between 5,138 and 5,673 resident individuals in the City Limits.

As noted in the preceding; the population of Angels Camp is not related solely to resident population. Non-residents including weekday workers, shoppers and visitors. This non-resident population can increase the city population significantly. For example, special events such as the Calaveras County Fair and Frog Jump Jubilee attracted a total of 54,000 individuals over a four and one-half day period in 2007 (half of the total attendance occurs over Saturday and Sunday during the jubilee—hence 27,000± individuals over two days can be anticipated, or an influx of up to 13,500± additional people within a 24-hour period). Therefore, the *2020 General Plan* and this analysis also addresses the demands of a non-resident population on the city.

Excerpt: Calaveras County 2007 Regional Transportation Plan Final, September 25, 2007

ACTION ELEMENT (RTP – Page ES-iii)

The Action Element establishes data forecasts and assumptions regarding future conditions pertaining to population, housing, employment, land use, and traffic:

► The population of Calaveras County will increase at approximately 2.5 percent per year.

DATA FORECASTS (Pages 73-74)

The RTP Action Element is based upon the forecasts regarding future conditions pertaining to population, housing, employment, income, land use, and traffic forecasts, discussed in the following sections. Data was obtained from state agency sources and the *Calaveras County Land Use Assumptions Memorandum* (Pacific Municipal Consultants [PMC], September 8, 2006). The Calaveras County Transportation Demand Model (Fehr & Peers) was used to estimate future traffic conditions. Although the *Calaveras County Land Use Assumptions Memorandum* is the foundation for the Calaveras County Transportation Demand Model, and should be used for Calaveras County forecasts where possible, data collected by the State of California is broader and allows for comparisons with other counties and at the state level. For this reason, both sources are presented in this RTP.

Population

According to the California Department of Finance (DOF), the population of Calaveras County is expected to increase at a rate of 1.9 percent per year (4,513 residents) between 2005 and 2010, as shown in Table 17. Calaveras County's population is projected to increase by 20,048 residents from 2005 to 2025 or an annual increase of 1.9 percent per year.

.....The *Calaveras County Land Use Assumptions Memorandum* projects that the population of Calaveras County will reach 80,051 persons by 2025 by using County building permit data and Calaveras County Housing Element population projections. This figure represents an average annual population growth of 2.52 percent for the County, a larger growth rate assumption than the California Department of Finance's 20 year annual population growth rate of 1.9 percent.