

SAN GABRIEL VALLEY:

INDUSTRY *and* EMPLOYMENT OVERVIEW

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This a report commissioned by the San Gabriel Valley Economic Partnership.

The LAEDC Economic and Policy Analysis Group provides objective economic and policy research for public agencies and private firms. The group focuses on economic impact studies, regional industry analyses, economic forecasts and issue studies, particularly in workforce development, transportation, infrastructure and environmental policy.

Every reasonable effort has been made to ensure that the data contained herein reflect the most accurate and timely information possible and they are believed to be reliable.

The report is provided solely for informational purposes and is not to be construed as providing advice, recommendations, endorsements, representations or warranties of any kind whatsoever.

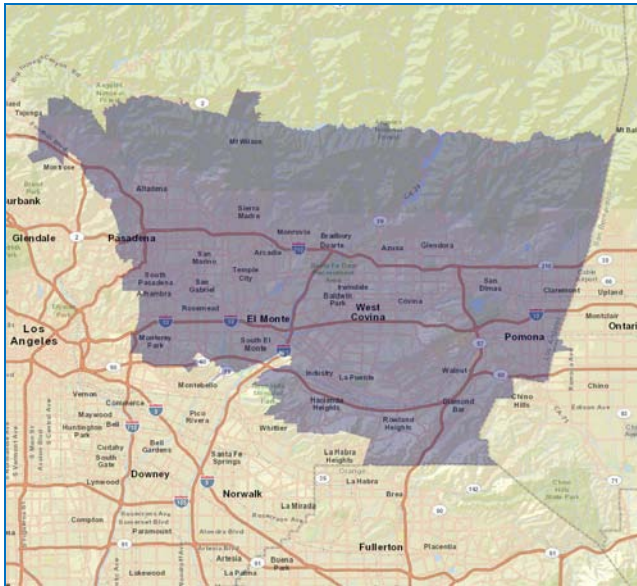
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1 Introduction

With more than 30 cities and 1.8 million residents, the San Gabriel Valley forms an economic region covering 385 square miles that stretches across portions of northern and eastern Los Angeles County. Exhibit 1-1 displays the area spatially.

Exhibit 1-1
San Gabriel Valley



Sources: ESRI; LAEDC

The region is bounded to the north by the San Gabriel Mountains, to the west by the cities of Pasadena, South Pasadena and Monterey Park and to the south by the foothills that run south of and parallel to the SR-60 freeway. Its eastern border lies on the San Bernardino county line.

For purposes of employment and industry data collection, the region is defined as an aggregation of 98 zip codes, shown in Exhibit 1-2 along with the cities within which each zip code falls. ❖

Exhibit 1-2
San Gabriel Valley Zip Codes

Zip Code	Area	Zip Code	Area
91001	Altadena	91715	City of Industry
91003	Altadena	91716	City of Industry
91006	Arcadia	91722	Covina
91007	Arcadia	91723	Covina
91008	Bradbury & Duarte	91724	Covina
91009	Duarte	91731	El Monte
91010	Azusa, Bradbury, Duarte, Monrovia & Irwindale	91732	El Monte
		91733	South El Monte
		91734	El Monte
91011	La Canada Flintridge	91735	El Monte
91012	La Canada Flintridge	91740	Glendora
91016	Monrovia	91741	Glendora
91017	Monrovia	91744	City of Industry, La Puente & Valinda
91024	Sierra Madre		
91025	Sierra Madre	91745	Hacienda Heights
91030	South Pasadena	91746	West Puente Valley
91031	South Pasadena	91747	La Puente
91066	Arcadia	91748	City of Industry & Rowland Heights
91077	Arcadia		
91101	Pasadena	91749	La Puente
91102	Pasadena	91750	La Verne
91103	Pasadena	91754	Monterey Park
91104	Pasadena	91755	Monterey Park
91105	Pasadena	91756	Monterey Park
91106	Pasadena	91765	Diamond Bar
91107	Pasadena	91766	Pomona
91108	San Marino	91767	Pomona
91109	Pasadena	91768	Pomona
91110	Pasadena	91769	Pomona
91114	Pasadena	91770	Rosemead
91115	Pasadena	91771	Rosemead
91116	Pasadena	91772	Rosemead
91117	Pasadena	91773	San Dimas
91118	San Marino	91775	San Gabriel
91121	Pasadena	91776	San Gabriel
91123	Pasadena	91778	San Gabriel
91124	Pasadena	91780	Temple City
91125	Pasadena	91788	Walnut
91126	Pasadena	91789	Walnut
91129	Pasadena	91790	West Covina
91182	Pasadena	91791	West Covina
91184	Pasadena	91792	West Covina
91185	Pasadena	91793	West Covina
91188	Pasadena	91795	Walnut
91189	Pasadena	91801	Alhambra
91199	Pasadena	91802	Alhambra
91214	La Crescenta	91803	Alhambra
91224	La Crescenta	91804	Alhambra
91702	Azusa & Irwindale	91896	Alhambra
91706	Baldwin Park &	91899	Alhambra
91711	Claremont	91896	Alhambra
91714	City of Industry		

2 Demographic Overview

Demographics play a key role in the growth and quality of the labor force and thus to a large extent determine the growth potential of the economy and its future employment.

A selection of characteristics for the San Gabriel Valley (as geographically defined) and Los Angeles County is presented in Exhibit 2-1.

Exhibit 2-1

Demographic and Income Characteristics 2012

	SGV	LA County
Population	1,809,251	9,904,341
Median Age	37.1	34.9
Households	556,236	3,267,118
Average household size	3.20	2.98
Median household income	\$57,863	\$51,329
Per capita income	\$24,520	\$24,599
HH below poverty level (2009)	10.2%	13.8%
Median home value	\$340,436	\$ 336,821

Source: ESRI, 2009 ACS 5-year estimates



The population of San Gabriel Valley in 2012 was over 1.8 million in more than 556,200 households, accounting for approximately 18 percent of the population of Los Angeles County. The median age in San Gabriel Valley is just over 37 years.

Median household income in the San Gabriel Valley, estimated to be \$57,863, is approximately 13 percent higher than the median in Los Angeles County. Per capita income in the area, estimated to be \$24,520, is in line with that of the county as it is only 0.3 percent lower than in the county as a whole.

Just over 10 percent of the households in the San Gabriel Valley lived under the poverty level in 2009, the most recent year that this data is available for this custom geographic area. This was much lower than in the county, where 13.8 percent of all households lived below the poverty level.

Median home values in the San Gabriel Valley are in line with those in the county as a whole, exceeding the Los Angeles County median by only one percent.

Individual socioeconomic characteristics are detailed on the following pages. ❖

Current Population

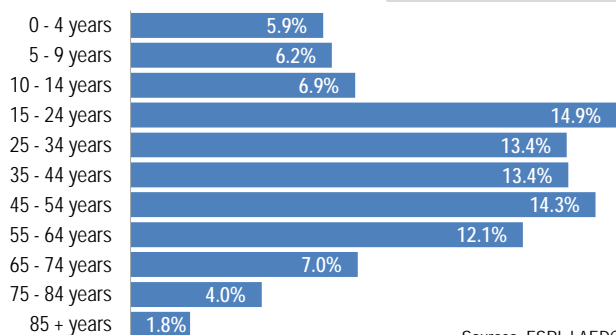
Population dynamics are important to resource allocation and future planning and development in an area. The size of a population, along with its growth and/or decline, will affect an area's standard of living, levels of consumption, environmental footprint, infrastructure needs, and more.

Age distribution is one way to determine whether the population within an area is expected to grow, excluding all other factors. A large number of children in an area indicate an expected increase in population, while small numbers signify an expected decline. It is also one way of determining whether the population of an area is aging, which will affect the future needs of the area in terms of replacement workforce and provision of services.

The age distribution of the population in the San Gabriel Valley is displayed in Exhibit 2-2.

Exhibit 2-2

Age Distribution of Population
San Gabriel Valley 2012



Sources: ESRI; LAEDC

Just over 68 percent of the resident population is of working age (between the ages of 15 and 65 years) compared to 69 percent in Los Angeles County as a whole. Seniors (those over the age of 64) account for 12.8 percent of the population, higher than the 11.3 percent in the county.

The population of the San Gabriel Valley is projected to grow by 1.5 percent to 1.8 million residents by 2017, a nominal increase of nearly 26,600 people. The population is expected to age slightly, as the share of residents aged 65 years and older increases from 12.8 percent in 2012 to 14.5 percent in 2017. Research indicates that this trend, typical across the nation, is attributable to the relatively larger baby boomer



generation aging and the smaller replacement Generation X and millennials.

The population of Los Angeles County is projected to grow by 1.7 percent by 2017, a nominal increase of 166,400 people. Thus, the population growth of the San Gabriel Valley will be responsible for 16 percent of that of the county.

Exhibit 2-3

Population by Sex
San Gabriel Valley 2012



Sources: ESRI; LAEDC

The human sex ratio is the ratio of males to females in a population. In the San Gabriel Valley in 2012, there were 955 males to every 1,000 females, lower than in Los Angeles County where there were 975 males to every 1,000 females. ❖

Race and Ethnicity

Ethnicity and race are two distinct classifications. There are several characteristics that may be more likely to be common to a population within the same race and ethnicity, including language, educational attainment, unemployment, size of household, and other cultural, economic and social characteristics. As such, we identify both classifications for the resident population of the San Gabriel Valley.

Race is a social definition used in the U.S. as a means of self identification. This social construct of race does not incorporate biology, anthropology or genetics into its definition. There are seven racial categories used by the Census: White, Black or African-American, American Indian or Alaska Native, Asian, Native Hawaiian or Other Pacific Islander, Two or More Races, and Some Other Race.

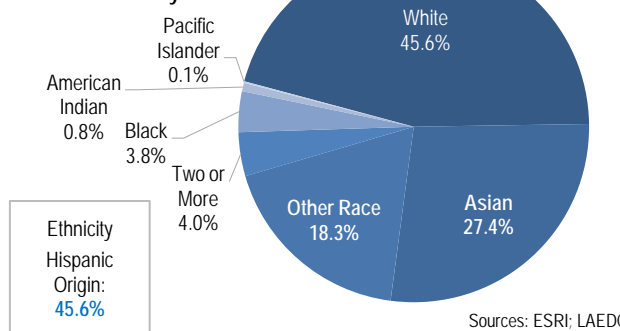
Ethnicity is a shared cultural identity related to origin and considers such things as heritage, lineage, nationality, and ancestral country of birth. Individuals who identify as being of Hispanic origin may self identify as any race.

There is widespread confusion over the distinction between race and ethnicity. Some Census respondents who identify as being of Hispanic origin do not identify with the listed racial categories. Therefore, they may opt to select Some Other Race, which results in an overstatement of this particular classification.

Race and ethnicity in the San Gabriel Valley is shown in Exhibit 2-4.

Exhibit 2-4

Racial Composition San Gabriel Valley 2012



The population in the San Gabriel Valley in 2012 is both ethnically and racially diverse. The share of the residents who reported to be of Hispanic origin is 45.6 percent, compared to 48.4 percent at the county level.

In the San Gabriel Valley, 45.6 percent of the population is reported as white compared to 50.0 percent in the county. The remaining racial distribution is as follows: 27.4 percent as Asian, 3.8 percent as black, 0.8 percent as American Indian, and 0.1 percent as Pacific Islander (13.8 percent, 8.5 percent, 0.8 percent and 0.3 percent, respectively, in the county). The remaining 22.4 percent of the population is reported as Other Race or Two or More Races, with 18.3 and 4.0 percent, respectively (22.1 percent and 4.6 percent, respectively, in the county). ❖

Educational Attainment

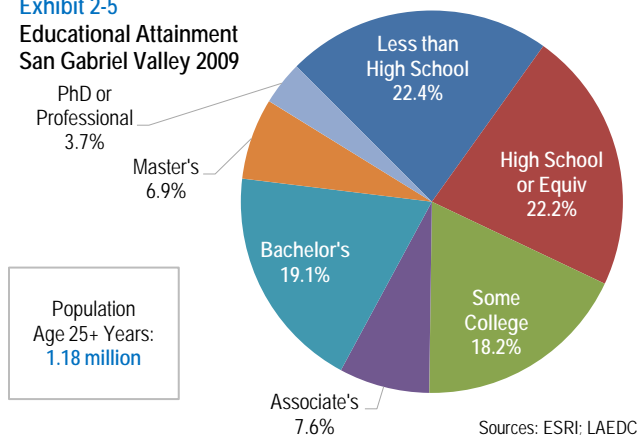
Educational attainment is the highest level of education that an individual has achieved. Knowing the educational attainment of the population within a specific area can provide insight into a variety of factors about the area. Areas with high rates of low educational attainment usually face challenges such as higher rates of unemployment and poverty and will therefore use higher levels of public services and resources. Additionally, areas with high levels of educational attainment may be sought out by businesses during their site selection process if they require highly educated and skilled workers.

Understanding the gap between workforce needs and resident capabilities can provide insight into the need for training programs and workforce development initiatives. The educational attainment levels of the population of the San Gabriel Valley ages 25 years and older are shown in Exhibit 2-5.



Exhibit 2-5

Educational Attainment San Gabriel Valley 2009



The population of residents aged 25 years and older in the San Gabriel Valley numbered 1.2 million in 2009, the most recent year data is available for this defined geography. More than 22 percent of area residents in this age group have not earned a high school diploma (or equivalent), while another 22 percent have graduated high school but have no other education. Approximately 30 percent of area residents have a bachelor's degree or higher.

Together, this shows a bi-modal distribution of educational attainment, with large proportions at both the low end and the high end of the spectrum. ❖

Households

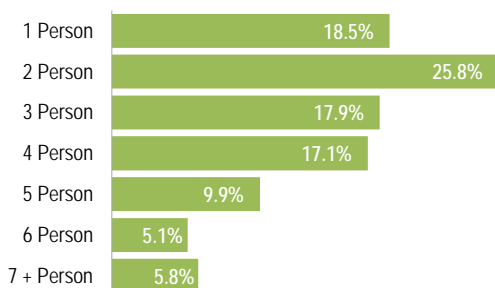
As shown in Exhibit 2-1, there were 556,200 households in the San Gabriel Valley in 2012, with an average household size of 3.2 persons per household. By 2017, the area is projected to add almost 2,600 additional households.

To place the San Gabriel Valley in context, note that there were 3.3 million households in Los Angeles County in 2012, a number projected to increase by 60,300 in 2017.

The size of households is another indicator of the standard of living within an area. Often, lower income areas will have a higher share of large-sized households as people reside together to share fixed household expenses such as rent. A large representation of single person households may indicate an area with a population that is younger, with fewer children or with higher levels of educational attainment.

Exhibit 2-6 shows households in the San Gabriel Valley according to size.

Exhibit 2-6
Households by Size
San Gabriel Valley 2010



Source: ESRI, 2010 Census; LAEDC

One- and two-person households account for 44 percent of all households in the area, with an additional 45 percent of households having 3 to 5 people. The region has a low share of larger sized households: just under 11 percent of all households have six or more people.

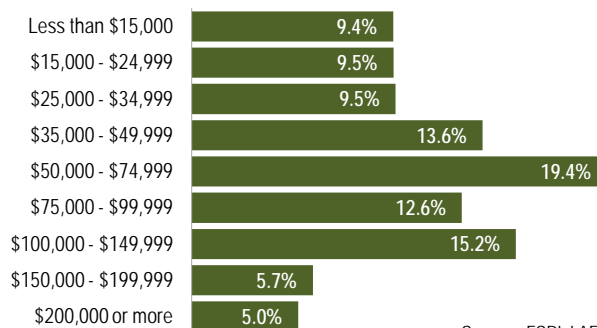
Median household income is the midpoint value of all household income levels within an area, dividing them into two equal groups. Where average income figures can be skewed by the presence of a few extremely high or low values, the median income figure is not, and therefore is viewed as more representative of an area's income. Median household income in the San Gabriel



Valley was estimated to be \$57,863 in 2012, compared to \$51,329 in Los Angeles County as a whole.

The distribution of households by income in the San Gabriel Valley in 2012 is shown in Exhibit 2-7.

Exhibit 2-7
Households by Income
San Gabriel Valley 2012



Sources: ESRI; LAEDC

Just over 42 percent of households in the San Gabriel Valley earn less than \$50,000 per year, and almost 11 percent earn over \$150,000 per year.

Household expenditures are related to household incomes, not only in magnitude but also in composition. Households with lower incomes tend to spend a larger percentage on necessities such as food and rent and have less disposable income for luxury items such as travel and leisure activities, a pattern which is especially relevant for regions with much higher average household incomes. ❖

Poverty

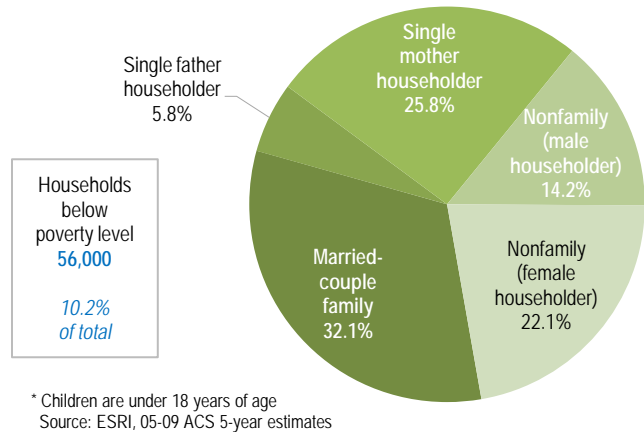
Poverty is a relative measure that takes into account the number of people in a household and the total income that that unit earns. Households include all persons living in a housing unit regardless of relatedness. A family unit consists of two or more people living in the same housing unit that are related by birth, marriage or adoption.

Of the 548,400 households in the San Gabriel Valley in 2009 (the most recent year this data is available for this defined geography), just under 56,000, or ten percent of all households, had their incomes fall below the poverty level in the 12 months prior. This compares to 14 percent of the 3.2 million households in Los Angeles County who have had their incomes fall below the poverty level over the same period.

Exhibit 2-8 shows the breakdown of households whose income has fallen below the poverty level in the San Gabriel Valley by type.

Exhibit 2-8

San Gabriel Valley Households and Poverty 2009
Income in the past 12 months below poverty level



Of all households living below the poverty level in the area, 64 percent are families and the remaining 36 percent are unrelated. Families headed by a married couple account for 51 percent of all families living under the poverty level, the majority of whom have children under the age of 18 years. Of all families living below the poverty level, 41 percent are headed by single mothers with children under the age of 18 years. Single father families with related children under the age of 18 years account for almost nine percent of all families whose income has fallen below poverty level in the previous year. ❖

Housing

Housing represents the largest component of a household's budget, and, if owned, is usually the family's most valuable asset. Beyond housing's impact on individual balance sheets, however, the characteristics of a community's housing can be revealing.

The tenure and occupancy status of homes, along with their values, provides information on their affordability. It can also yield further insight into the resident population. For example, a large number of renters in an area with high-valued housing units may be due to the residents' inability to afford local homes. A large number of rental units in an area with moderately valued housing units may be due to a younger and/or less affluent demographic. Often, higher levels of homeownership lead to neighborhood stability, since there is lower turnover of residents.

Additionally, the tenure characteristics of the local housing stock has implications for redevelopment efforts as gentrification can cause property values to rise above the level of affordability for residents who rent, leading to displacement and a change in the characteristics of the local population.

In 2012, there were 3.4 million housing units in Los Angeles County; 584,000 of these housing units are in the San Gabriel Valley.

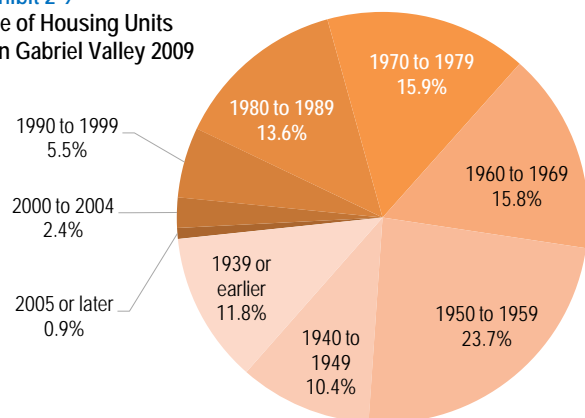
The age of the housing stock in an area can give insight to the quality of housing. Older units require more care and may still contain building materials used in the past that are now known to be a hazard, such as lead-based paint and asbestos. Older housing in poor condition is often inhabited by lower income residents, who can little afford the needed upkeep.

Exhibit 2-9 shows the age distribution of the housing stock in the San Gabriel Valley in 2009, the most recent year that this data is available for this defined geography.

The majority of the housing units in the San Gabriel Valley were built from 1950 to 1980; just over 55 percent. Prior to 1950, 22 percent of housing units in the area were constructed and in the 80s and 90s, 19 percent of units were built. Only three percent of total housing stock in the San Gabriel Valley has been built since the year 2000.



Exhibit 2-9
Age of Housing Units
San Gabriel Valley 2009

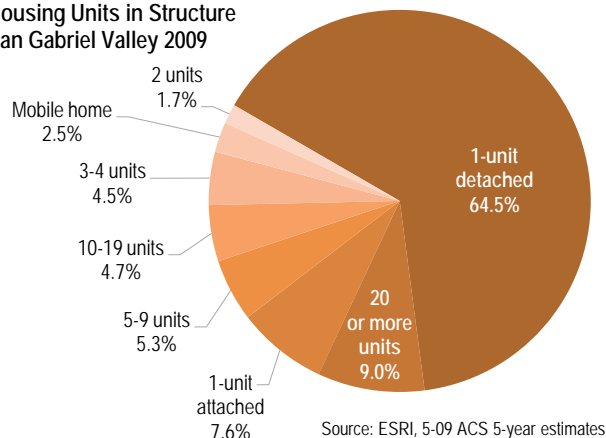


Source: ESRI, 05-09 ACS 5-year estimates

The number of units in a structure provides insight into the composition of the housing stock, identifying single family homes, multifamily homes, mobile homes and other units that provide shelter to the resident population.

Exhibit 2-10 shows the share of the housing stock in the San Gabriel Valley by the number of units in the structure in 2009, the most recent year this data is available for this defined geography.

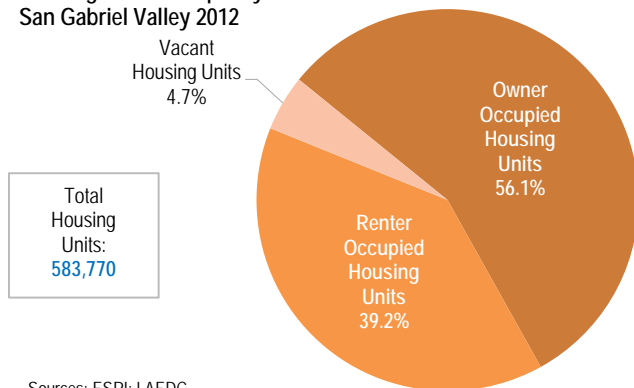
Exhibit 2-10
Housing Units in Structure
San Gabriel Valley 2009



Approximately 72 percent of all housing units in the San Gabriel Valley are single-family homes; only nine percent of housing inventory is in large multi-family structures with 20 units or more.

The occupancy status and tenure of all housing units in the area are shown in Exhibit 2-11.

Exhibit 2-11
Housing Units Occupancy and Tenure
San Gabriel Valley 2012

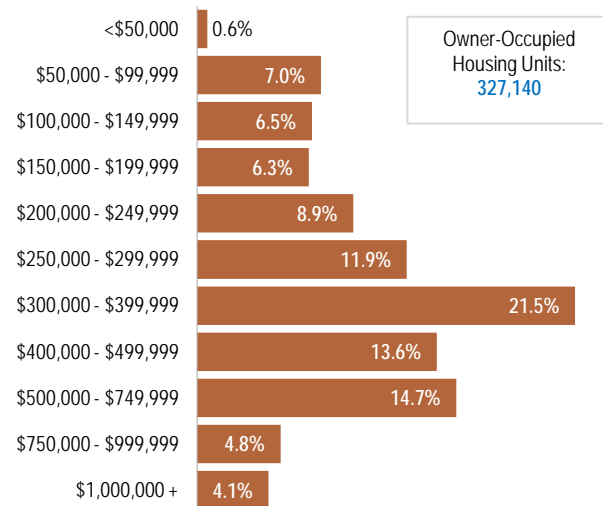


Just less than 40 percent of the housing stock in the area is rental property. Vacant units account for approximately five percent of all housing units, and the remaining 56 percent is owner-occupied.

The value of owner-occupied homes varies from less than \$50,000 to millions of dollars. Exhibit 2-12 displays

the value distribution of owner-occupied housing units in the San Gabriel Valley in 2012.

Exhibit 2-12
Owner-Occupied Housing Units by Value
San Gabriel Valley 2012



The average value of housing in the San Gabriel Valley is \$398,551 compared to \$409,163 in Los Angeles County as a whole. With 63 percent of housing stock in the San Gabriel Valley valued less than \$400,000, this implies that some housing units have extremely high values.

More than half of the owner-occupied housing stock, or 62 percent, falls within the price range of \$250,000 to \$749,000, with an additional nine percent valued at \$750,000 and above. Housing units valued below \$250,000 accounts for 41 percent of total housing stock.

Median home values are used to compare the price of real estate across different areas and over periods of time. The median is deemed a reliable estimate as it is not affected by the presence of extremely high or low valued transactions, and is therefore used to compare real estate prices across different areas. The median home value in the San Gabriel Valley was \$340,436 in 2012, which was slightly higher than the countywide median of \$336,821. ❖

Commuting to Work

Working residents make a conscious decision about the length of the commute they are willing to undertake to a potential place of employment, which may in turn depend on their means of transportation. These decisions are critical to their quality of life and standard of living. The time to work, the cost of transportation alternatives, and the potential wages at prospective job locations are all variables that factor into employment decisions.

Identifying the means of transportation used by residents to travel to work provides information about public transportation utilization and traffic volumes within the area. This can help in future planning efforts. For example, areas with a number of cyclists may plan future bike paths and lanes, while in areas where much of the population uses public transportation, additional bus routes or light rail stations can be planned.

Exhibit 2-13 shows the means of transportation to work by workers ages 16 years and over who live in the San Gabriel Valley.

Exhibit 2-13

Workers means of transportation to work
(Workers 16+ years)
San Gabriel Valley 2009

Drove alone	75.7%
Carpool	12.5%
Public transportation (excludes taxis)	3.8%
Bus or trolley bus	3.2%
Subway or elevated	0.2%
Railroad	0.4%
Streetcar or trolley	0.0%
Ferry boat	0.0%
Taxicab / Motorcycle / Other	1.2%
Bicycle	0.7%
Walked	2.4%
Worked at home	3.7%
Total	100.0%

Source: ESRI, 05-09 ACS 5-year estimates

The most popular method of transportation to work was by car, accounting for approximately 88 percent of working residents. Most of these drove alone, with only 13 percent overall carpooling. Public transportation was used by 4 percent of working residents of the area, most of which consisted of bus rides.

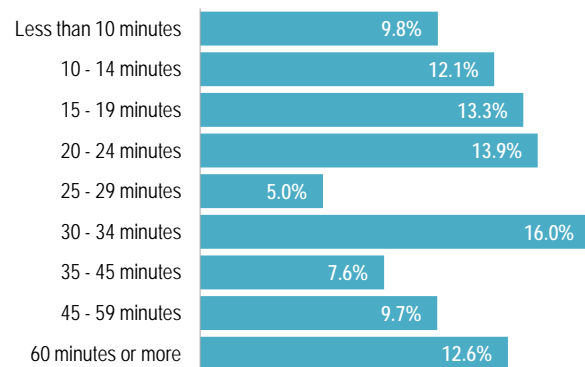
Travel time to work is typically the result of a combination of distance to the job and means of transportation. Exhibit 2-14 displays the travel time to



work in minutes for San Gabriel Valley residents (excluding those who work from home).

Exhibit 2-14

Travel Time to Work (in minutes)
San Gabriel Valley 2009

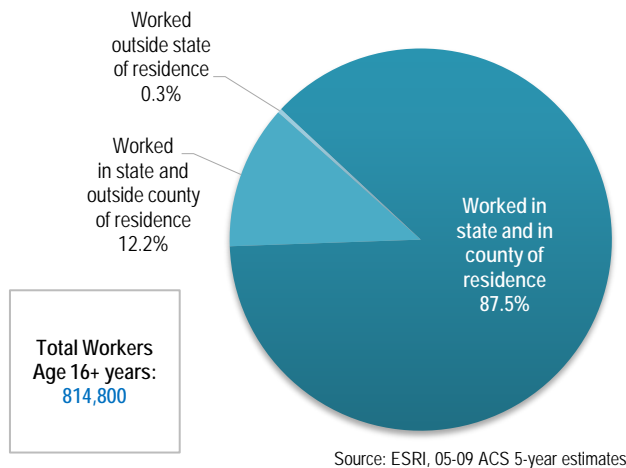


Source: ESRI, 05-09 ACS 5-year estimates

Almost half (48 percent) of commuting workers take between 15 to 35 minutes to reach their place of employment. Workers whose travel time falls below 15 minutes account for approximately 22 percent of working residents. These workers are likely employed within the immediate area. The 13 percent of workers with travel times of 60 minutes or longer likely work quite a distance from home.

The working residents of the county find jobs across the region. The geographic dispersion of working residents to their employment is called the *commute shed*. Exhibit 2-15 shows the commute shed for the working residents of the San Gabriel Valley.

Exhibit 2-15
Where Residents Work
San Gabriel Valley 2009



Approximately 88 percent of working residents are employed in Los Angeles County, with 12 percent of others working outside of the County, but still in state. Only 0.3 percent of working residents in the area work outside of the state of California. ❖

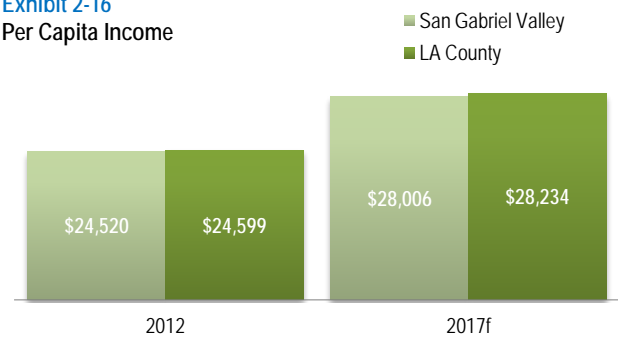
Income

For many people, earnings from employment represent the most significant portion of all income. The job-related earnings of the resident population provide us with insight into their standard of living. This is an indicator of the earning potential of the residents, as differentiated from household income shown above which aggregates all income (including non-job-related income such as transfer payments) for all members of the household. Hence, income can help identify areas that may need targeted services or programs, or areas where job-related earnings are sufficient to provide a degree of comfort.

Per capita income is the aggregation of all sources of income within an area divided by the total population, resulting in the average income per person. It provides insight into an area's standard of living in comparison to other geographies.

Per capita income in the San Gabriel Valley and Los Angeles County in 2012 is shown in Exhibit 2-16, along with a forecast for 2017.

Exhibit 2-16
Per Capita Income



Per capita income in the San Gabriel Valley is estimated to be \$24,520 in 2012, compared to \$24,599 in Los Angeles County as a whole. The projected change from 2012 to 2017 in the San Gabriel Valley is expected to be 14.2 percent compared to 14.8 percent in the county overall, raising per capita income in the San Gabriel Valley and Los Angeles County to \$28,006 and \$28,234, respectively, by 2017. ❖

Resident Employment by Industry and Occupation

While population growth can indicate the future availability of workers, and educational attainment can provide insight into the capability of residents, an examination of the actual employment status of current residents reveals what the working residents are performing in terms of occupations and in which industries. It is possible that working residents are underemployed, particularly in the wake of the Great Recession, but current employment will provide a baseline indicator of residents' capabilities.

The employment of current residents of the San Gabriel Valley by industry is shown in Exhibit 2-17. Note that this references the employment of residents no matter where the jobs are located.

Exhibit 2-17

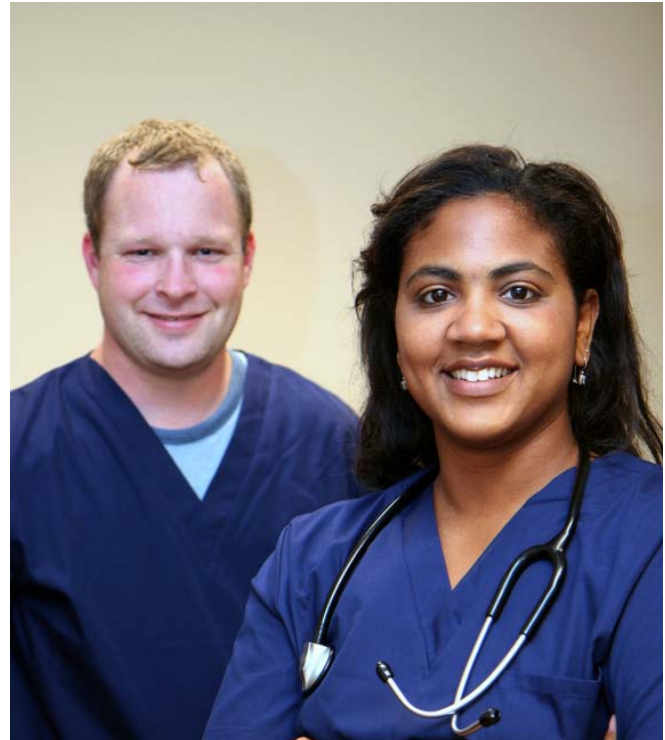
Resident Employment by Industry
Population Ages 16 years and over
San Gabriel Valley 2009

NAICS	Industry	Employment	Share of Total
31-33	Manufacturing	102,280	12.2%
62	Healthcare and social assistance	96,890	11.6%
44-45	Retail trade	89,630	10.7%
61	Educational services	78,120	9.3%
54	Professional/ scientific/ technical svcs	55,460	6.6%
72	Accommodation and food services	52,460	6.3%
23	Construction	51,780	6.2%
52	Finance and insurance	46,080	5.5%
81	Other services (excludes gov't)	44,480	5.3%
42	Wholesale trade	42,040	5.0%
56	Admin/ support/ waste mgmt svcs	37,970	4.5%
48-49	Transportation and warehousing	35,820	4.3%
92	Government	31,860	3.8%
51	Information	24,100	2.9%
53	Real estate and rental and leasing	18,740	2.2%
71	Arts, entertainment and recreation	17,370	2.1%
22	Utilities	7,810	0.9%
11	Ag, forestry, fishing and hunting	3,760	0.4%
55	Management of Co's and enterprises	740	0.1%
21	Mining and extraction	490	0.1%
Total - Industry - 16+ years		837,900	100%

Source: ESRI, 05-09 ACS 5-year estimates

The top three employing industries are: manufacturing (accounting for 12.2 percent of area resident employment); healthcare and social assistance (11.6 percent); and retail trade (10.7 percent).

Other regional industries that employ local residents include administrative support and waste management



services, accommodation and food services, educational services, and professional, technical and scientific services.

Within each industry, there are a variety of occupations that are employed. For example, workers employed by health care industries can include physicians, nurses, medical technicians, accountants, data processors, food preparers, orderlies, janitors, lawyers and many more.

Similarly, workers trained for a particular occupation can be employed by many industries. For example, sales representatives are employed in retail industries, in manufacturing firms, in health care services and across a number of other sectors. Nurses may be employed in hospitals, in schools or by insurance carriers.

Individuals trained in an occupation may therefore find employment in a variety of industries, and will be especially interested in industries that are growing no matter what their individual skill levels may be since growing industries will hire panoply of workers at many skills and education levels.

The working residents of the San Gabriel Valley are trained and employed in a variety of occupations, as shown in Exhibit 2-18. The groupings shown are major occupational groups.

Exhibit 2-18**Resident Employment by Occupation
Population Ages 16 years and over
San Gabriel Valley 2009**

SOC	Occupational Group	Employment	Share of Total
43-0000	Office and admin support	126,860	15.1%
41-0000	Sales and related	98,520	11.8%
11-0000	Management	77,780	9.3%
51-0000	Production	61,490	7.3%
53-0000	Transportation / material moving	50,040	6.0%
25-0000	Education, training and library	49,820	5.9%
13-0000	Business and financial operations	42,420	5.1%
47-0000	Construction and extraction	41,420	4.9%
35-0000	Food preparation and serving related	40,990	4.9%
29-0000	Healthcare practitioner and techs	37,530	4.5%
39-0000	Personal care and service	31,770	3.8%
37-0000	Building/grounds cleaning/maintenance	30,800	3.7%
49-0000	Installation, maintenance, repair	26,790	3.2%
27-0000	Arts/ /entertainment/sports/media	20,060	2.4%
15-0000	Computer and mathematical	18,670	2.2%
17-0000	Architecture and engineering	17,600	2.1%
31-0000	Healthcare support	15,150	1.8%
33-0000	Protective service	14,510	1.7%
21-0000	Community and social services	12,970	1.5%
23-0000	Legal	10,870	1.3%
19-0000	Life, physical and social science	8,970	1.1%
45-0000	Farming, fishing and forestry	2,840	0.3%
Total		837,900	100%

Source: ESRI, 05-09 ACS 5-year estimates

The occupational distribution of the area's working residents is diverse, with 50.3 percent employed in white collar occupations such as office and administrative support, sales, management and professional occupations, 18.6 percent in blue collar occupations such as construction, production and transportation, and 31.1 percent in services.

Note that although 12.0 percent of working residents of the area were employed in healthcare industries (see Exhibit 2-17), only 6.3 percent of working residents were in healthcare occupations. The remainder is in

other occupations (such as office, administrative, sales, building maintenance, food preparation and serving, and so on) that are employed in healthcare industries. This is an important point to consider. The healthcare industry is large and growing, and its occupational needs are very diverse—not only limited to healthcare occupations.

The relationship between industries and their occupational needs is not always carefully examined as the nature of industrial production and its technological evolution changes. However, it is clear that there is a wide variety of occupational needs within each industry that can provide opportunities at all skill levels.

The largest occupational group of working residents of the San Gabriel Valley is office and administrative support occupations. Workers in these occupations accounted for 15.1 percent of all resident employment in the San Gabriel Valley in 2009, or 126,900 jobs, the largest occupational group by far.

Sales and related occupations are held by the second largest proportion of working residents in the area, accounting for 11.8 percent of all jobs.

Other occupations that are large include management occupations (which are employed in all industries), accounting for nearly 77,800 working residents, production occupations, which are involved in the region's manufacturing industries, employing almost 61,500 workers, transportation and material moving employing 50,000 residents and education, training and library occupations employing nearly 49,900 working residents.

Among the larger occupational groups, building and grounds cleaning and maintenance occupations, food preparation and serving, and personal care and service occupations typically need lower levels of education and can be filled by workers who do not hold a high school diploma. ❖

3 Industry Employment

Employment in the San Gabriel Valley is a measure of the number of *jobs* provided in the region by businesses, in contrast to the employment of the region's residents. The distinction is important because many residents do not work in San Gabriel Valley (or even in Los Angeles County, as noted in Exhibit 2-15), and many employees that hold jobs in San Gabriel Valley commute from outside the region. Industry employment can be estimated at different levels of industry classifications. For all levels, employment of unclassified establishments and private households (i.e. household workers such as cooks, maids, gardeners, caretakers, baby-sitters and nannies) is excluded.

Current Industry Composition

Exhibits 3-1 presents the distribution of employment by industry sector in the San Gabriel Valley in 2012.

Exhibit 3-1
Industry Profile of San Gabriel Valley 2012

	Number of Jobs	% of Total
Total Nonfarm Payroll Employment	588,112	100.0%
Good Producing Industries:	77,478	13.2%
Natural Resources and Mining	1,530	0.3%
Construction	21,354	3.6%
Manufacturing	54,594	9.3%
Service Providing Industries	449,228	76.4%
Wholesale Trade	39,915	6.8%
Retail Trade	71,363	12.1%
Transportation, Warehousing, Utilities	20,581	3.5%
Information	9,866	1.7%
Financial Activities	36,463	6.2%
Professional and Business Services	80,595	13.7%
Educational and Health Services	107,781	18.3%
Leisure and Hospitality	62,035	10.5%
Other Services	20,629	3.5%
Government	61,409	10.4%

Sources: CA EDD; Estimates by LAEDC

As in Los Angeles County, more than three-quarters of the jobs in the San Gabriel Valley are in service-providing industries, such as trade, professional and business services and education and health services.

Government accounts for ten percent of all employment, compared to 15 percent for the county overall. ❖

Largest Industries Today

To better examine the industry performance of the region, larger industry sectors are segmented into their component industry subsectors. For example, health care and social assistance is a sector which includes the subsectors: ambulatory health care services (such as physicians' offices); hospitals; nursing and residential care facilities; and social assistance (such as child day care services and emergency relief services).

Exhibit 3-2 shows the largest employing industry subsectors in the San Gabriel Valley in 2012 and their share of total employment. Each subsector with employment in excess of 10,000 workers was included in the list. Together, these top twelve industry subsectors represent 66 percent of total SGV employment.

Exhibit 3-2
Largest Industry Subsectors in SGV by 2012 Employment

NAICS	Description	Employment	Share of SGV
933	Local Government	52,979	9.0%
722	Food Services and Drinking Places	50,424	8.6%
541	Professional, Scientific and Tech'l Svcs	35,546	6.1%
621	Ambulatory Health Care Services	34,065	5.8%
561	Administrative and Support Services	31,291	5.3%
622	Hospitals	23,353	4.0%
611	Educational Services	21,297	3.6%
423	Merchant Wholesalers, Durable Goods	19,742	3.4%
445	Food and Beverage Stores	18,011	3.1%
623	Nursing and Residential Care Facilities	17,963	3.1%
522	Credit Intermediation and Related	17,724	3.0%
424	Merchant Wholesalers, Nondurable Gds	16,441	2.8%
238	Specialty Trade Contractors	13,885	2.4%
452	General Merchandise Stores	12,792	2.2%
551	Mgmt of Companies and Enterprises	11,813	2.0%
624	Social Assistance	11,103	1.9%
	<i>All other Industries</i>	<i>197,947</i>	<i>33.8%</i>
TOTAL		588,112	100.0%

Sources: CA EDD; Estimates by LAEDC

Employment data at the industry level provides a more detailed examination of industry performance in the region. Larger industry subsectors are segmented into their component industries. For example, the administrative and support services subsector includes:

office administrative services; facilities support services (private jails and outside contracted buildings services); employment services (such temporary help or executive search agencies); business support services (such as telephone call centers and collection agencies); travel arrangement and reservation services; investigation and security services; services to buildings and dwellings (such as janitorial services); and other support services.

Exhibit 3-3 shows the largest employing industries in the San Gabriel Valley in 2012 and their share of total employment, for industries with employment in excess of 5,000 workers. Together, these top 25 industries represent half of total SGV employment.

Exhibit 3-3

Largest Industries in SGV by 2012 Employment

NAICS	Description	Employment	Share of SGV
9330	Local Government	52,979	9.0%
7225	Restaurants	48,667	8.3%
6221	General Medical and Surgical Hospitals	21,430	3.6%
4451	Grocery Stores	14,672	2.5%
6211	Offices of Physicians	14,162	2.4%
5613	Employment Services	12,214	2.1%
5221	Depository Credit Intermediation	12,058	2.1%
5511	Mgmt of Companies and Enterprises	11,813	2.0%
6113	Colleges and Universities	10,306	1.8%
6231	Nursing Care Facilities	8,488	1.4%
5617	Services to Buildings and Dwellings	7,524	1.3%
4521	Department Stores	6,963	1.2%
5416	Mgmt and Technical Consulting Services	6,589	1.1%
4244	Grocery and Related Product Wholesale	6,448	1.1%
5417	Scientific R&D Services	6,142	1.0%
4411	Automobile Dealers	5,959	1.0%
6241	Individual and Family Services	5,842	1.0%
4529	Other General Merchandise Stores	5,829	1.0%
5413	Architectural and Engineering Services	5,769	1.0%
2382	Building Equipment Contractors	5,724	1.0%
4461	Health and Personal Care Stores	5,490	0.9%
6212	Offices of Dentists	5,417	0.9%
8111	Automotive Repair and Maintenance	5,136	0.9%
5412	Accounting and Bookkeeping Services	5,119	0.9%
3152	Cut and Sew Apparel Manufacturing	5,034	0.9%
	<i>All other Industries</i>	292,338	49.7%
TOTAL		588,112	100.0%

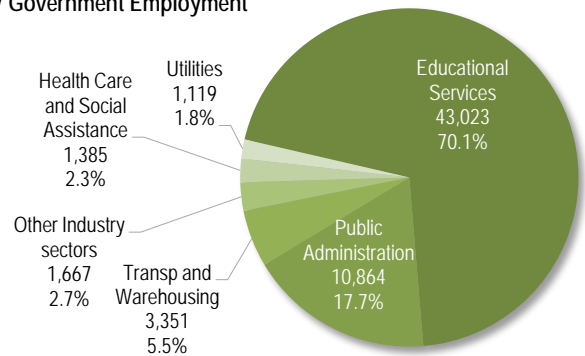
Sources: CA EDD; Estimates by LAEDC

Government is one of the largest employers in the San Gabriel Valley, with more than ten percent of total area employment, of which local government is the largest component. Total government employment, including federal, state and local government, can be

disaggregated into industry sectors, as shown in Exhibit 3-4.

Exhibit 3-4

SGV Government Employment



Source: CA EDD; Estimates by LAEDC

More than 70 percent of employees working for governments are employed in educational services, such as K-12 schools and public colleges.

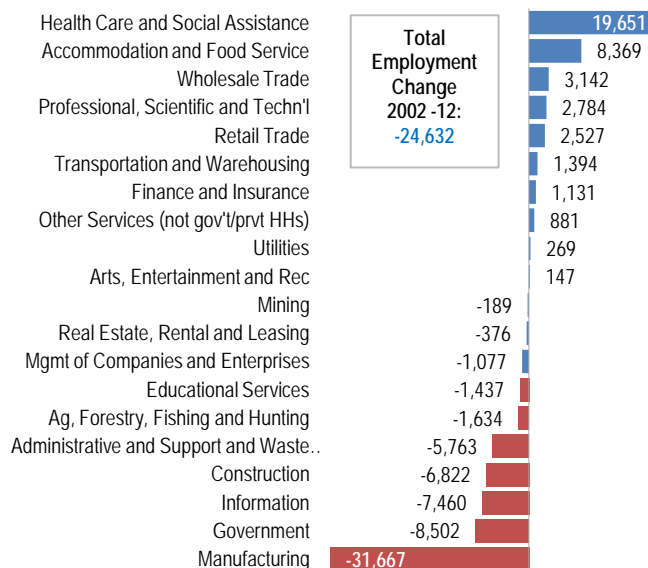
Establishments, employment and average annual wages are shown for each industry subsector in Exhibit A-1 in the Appendix, and for each industry group in Exhibit A-2.

Change in Employment over Time

Tracking how employment in the San Gabriel Valley in 2012 has changed from 2002 can provide insight into the change in the economic structure of the San Gabriel Valley from one period to the other. However, selecting a different historical year may yield a different outcome depending upon what is taking place overall in the larger economy.

Since 2002 and 2012 were post-recession years amid periods experiencing a slow economic recovery, the selection of these two years for comparison seems reasonable.

Total employment across all industry (excluding private households and unclassified employment) in the San Gabriel Valley SDA decreased by 24,632 jobs from 2002 to 2012. Exhibit 3-5 shows the numerical change in employment for each industry sector in the San Gabriel Valley over the period.

Exhibit 3-5**Total Employment by Industry Sector
Numerical Change from 2002 to 2012**

Source: CA EDD; Estimates by LAEDC

The largest number of jobs lost was in the manufacturing sector, while the health care sector and accommodation and food services saw the largest numbers of jobs gains over the period.

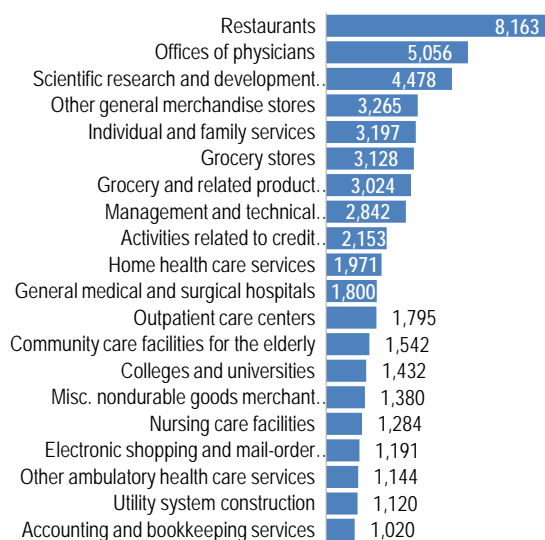
To better examine the industry performance of the region, larger industry sectors are segmented into their component industry subsectors. Exhibit 3-6 displays the subsectors with the largest numerical increase in employment from 2002 to 2012. Subsectors displayed have gained 1,000 jobs or more over the period.

Exhibit 3-6**Subsectors with the Largest Employment Increase
Numerical Change from 2002 to 2012**

Source: CA EDD; Estimates by LAEDC

Note that of the employment growth in the health care sector, most of the increase was in ambulatory health care services, which includes physicians' offices and

clinics. Of the employment growth in the accommodation and food services sector, almost 90 percent of the increase was in food services. These details are evidenced in a closer look at the largest numerical employment gains as shown in Exhibit 3-7. Industry groups that have gained 1,000 jobs or more over the period are displayed.

Exhibit 3-7**Industries with the Largest Employment Increase
Numerical Change from 2002 to 2012**

Source: CA EDD; Estimates by LAEDC

Although ambulatory health care services showed the largest employment increase at the *subsector* level (in Exhibit 3-6), the *industry* with the largest employment gain in San Gabriel Valley was in restaurants.

Nevertheless, three of the top 20 industry groups with the largest employment increases were components of the larger ambulatory health care services subsector. Hence, the ambulatory health care services subsector placed highly in job gains over the period due to the sum of its parts, whereas the employment increase of the food services and dining places subsector was attributable to the performance of only one of its component industry groups (i.e., restaurants).

Turning to employment losses, Exhibit 3-8 displays the subsectors with the largest numerical decrease in employment from 2002 to 2012 for all subsectors with employment losses in excess of 1,500 jobs. Five of the top ten subsectors in employment loss were manufacturing industries. Of the loss of government employment, most of the job losses were in local government.

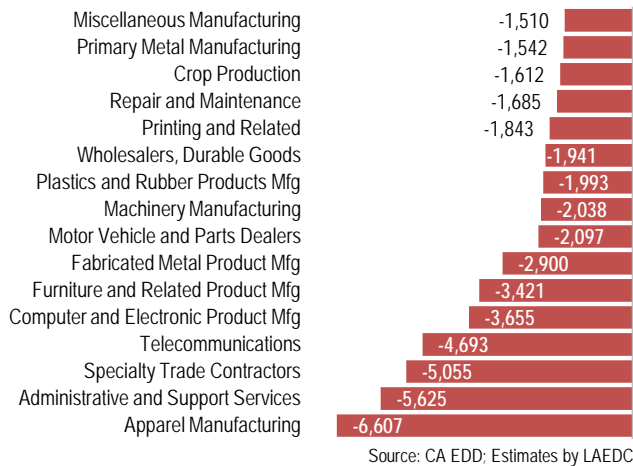
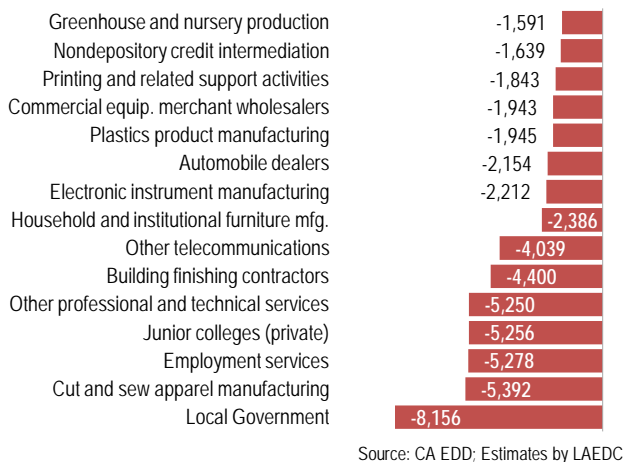
Exhibit 3-8**Subsectors with the Largest Employment Loss
Numerical Change from 2002 to 2012**

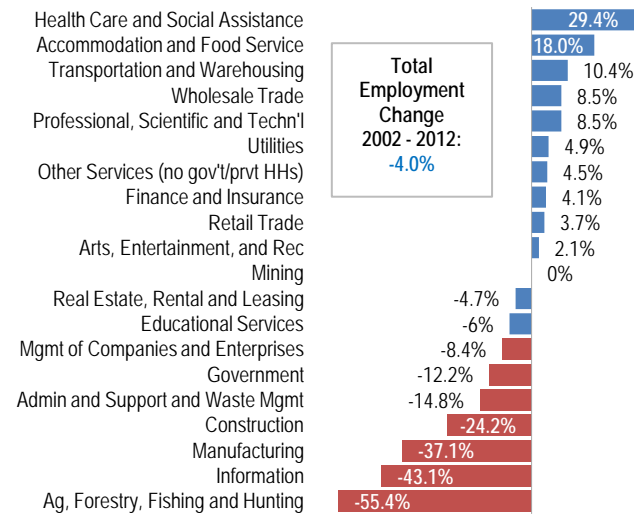
Exhibit 3-9 displays the ten industries with the largest numerical decrease in employment from 2002 to 2012, for all losses in excess of 1,500 jobs. Once again, manufacturing is well represented with three of the ten industries listed

Exhibit 3-9**Industries with the Largest Employment Loss
Numerical Change from 2002 to 2012**

Focusing strictly on the numerical change in jobs by industry can overlook smaller industries that may be experiencing robust growth or are in decline. In order to identify those industries, the percentage change in the number of jobs is calculated.

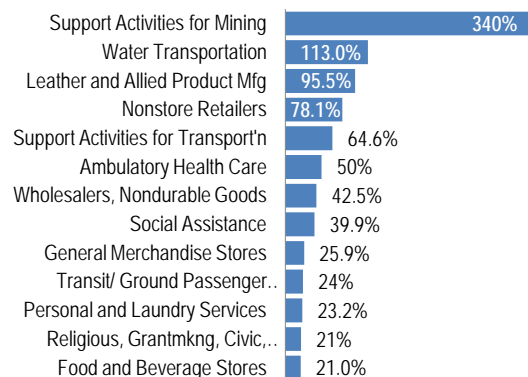
Total employment across all industry (excluding private households and unclassified employment) in the San Gabriel Valley decreased by 4.0 percent from 2002 to

2012. Exhibit 3-10 shows the percentage change in employment for each industry sector in the San Gabriel Valley over the period.

Exhibit 3-10**Total Employment by Industry Sector
Percentage Change from 2002 to 2012**

Employment in the health care sector increased by almost 30 percent from 2002 to 2012; accommodation and food services saw an increase of 18 percent. The largest percentage employment declines were in agriculture, information (which includes the motion picture industry), manufacturing and construction.

Exhibit 3-11 displays the subsectors with an increase in employment of 100 percent or more from 2002 to 2012 (i.e., those at least doubling in employment).

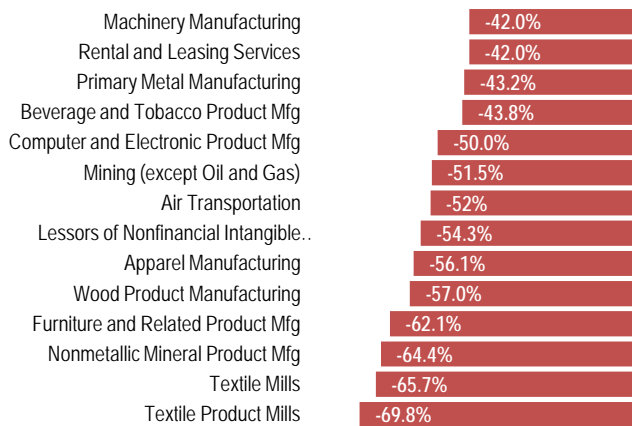
Exhibit 3-11**Subsectors with the Largest Employment Increase
Percentage Change from 2002 to 2012**

Note that large percentage increases may be attributed to subsectors with very low employment experiencing a slight increase. For example, support activities for mining added only 17 jobs from 2002 to 2012, an increase of 340 percent over its initial level of a mere 5 jobs.

Exhibit 3-12 displays the ten subsectors with the largest percentage decrease in employment from 2002 to 2012. Similar to the numerical change in jobs over the 2002 to 2012 period, ten of the twelve industries with the largest percentage decrease in the number of jobs lost were manufacturing industries.

Exhibits A-3 and A-4 in the Appendix present employment levels in 2002 and 2012, along with the numerical and percentage changes over the period, for all industry subsectors and industry groups. ❖

Exhibit 3-12
Subsectors with the Largest Employment Loss
Percentage Change from 2002 to 2012



Source: CA EDD; Estimates by LAEDC

4 Industry Clusters

Through ground-breaking work done at the Institute for Strategy and Competitiveness at Harvard Business School, and supported by the Economic Development Administration of the U.S. Department of Commerce, Professor Michael E. Porter's Cluster Mapping Project has defined industry clusters based on locational correlation of employment.

The Cluster Mapping Project's definitions allow a more clear differentiation between traded industry clusters, in which competitive pressures spur innovation and expansion, and local-serving industry clusters, where the possibilities of expanding by selling outside of the region are limited.

Exhibit 4-1 displays the private industry subsectors of identified in Exhibit 4 as those with the largest share of total employment in the San Gabriel Valley (excluding government), and lists the industry clusters of which at least a portion of that subsector's employment is a part.



Exhibit 4-1
Industry Clusters and Largest Subsectors in SGV 2012

NAICS	Description	Industry Clusters
445	Food and Beverage Stores	<ul style="list-style-type: none"> Local Food and Beverage Processing and Distribution
623	Nursing/ Residential Care Facilities	<ul style="list-style-type: none"> Local Health Services
522	Credit Intermediation and Related	<ul style="list-style-type: none"> Financial Services Local Financial Services Local Real Estate, Construction, and Development
424	Merchant Wholesalers, Nondurable Goods	<ul style="list-style-type: none"> Processed Food Distribution Services Local Food and Beverage Processing and Distribution Local Household Goods and Services Local Entertainment and Media Local Commercial Services Local Industrial Products and Service
238	Specialty Trade Contractors	<ul style="list-style-type: none"> Local Real Estate, Construction, and Development
452	General Merchandise Stores	<ul style="list-style-type: none"> Local Retail Clothing and Accessories

Source: ISC CMP

Exhibit 4-1 (cont'd)

NAICS	Description	Industry Clusters
551	Management of Companies	<ul style="list-style-type: none"> Financial Services Local Commercial Services
624	Social Assistance	<ul style="list-style-type: none"> Local Personal Services (Non-Medical) Local Education and Training Local Community and Civic Orgs
722	Food Services and Drinking Places	<ul style="list-style-type: none"> Local Food and Beverage Processing and Distribution Local Hospitality Establishments
541	Professional, Scientific and Technical Svcs	<ul style="list-style-type: none"> Business Services Education and Knowledge Creation Heavy Construction Services Oil and Gas Products and Services Publishing and Printing Local Household Goods and Services Local Financial Services Local Commercial Services Local Real Estate, Construction, and Development
621	Ambulatory Health Care Services	<ul style="list-style-type: none"> Local Health Services Local Logistical Services
561	Administrative and Support Services	<ul style="list-style-type: none"> Business Services Hospitality and Tourism Transportation and Logistics Local Utilities Local Household Goods and Svcs Local Financial Services Local Commercial Services
622	Hospitals	<ul style="list-style-type: none"> Local Health Services
611	Educational Services	<ul style="list-style-type: none"> Education and Knowledge Creation Entertainment Local Personal Services (Non-Medical) Local Education and Training
423	Merchant Wholesalers, Durable Goods	<ul style="list-style-type: none"> Distribution Services Heavy Construction Services Jewelry and Precious Metals Local Health Services Local Household Goods and Services Local Motor Vehicle Products Local Entertainment and Media Local Commercial Services Local Real Estate, Construction and Development Local Industrial Products

5 Competitive Industries

The specialization of economic activity in the San Gabriel Valley is also important. It is possible that a statewide industry has significant job creation potential but does not have a large presence in the area (or none at all). On the other hand, an industry with a presence in the San Gabriel Valley that is larger (as a percentage of total employment in the San Gabriel Valley) than its presence in the state would indicate that the area has a concentration of this industry and may have the potential for higher employment creation.

Such relative concentration is measured by location quotients, which show the percentage of total employment in an industry in the San Gabriel Valley, compared to that same percentage in California. For example, if 16 percent of employment in the San Gabriel Valley is in manufacturing, while across the state only 8 percent is employed in manufacturing, then the location quotient for manufacturing in the San Gabriel Valley is 2. A location quotient of 1 would indicate that the local industry concentration is identical to that of the larger region.

Competitive Industries

Exhibit 5-1 shows the top competitive private industry subsectors in the San Gabriel Valley by their employment location quotients compared to California for 2012. All industries with a location quotient greater than 1 are shown in the exhibit.

The list of competitive industries includes several manufacturing industries. Although manufacturing employment has been on a sectoral decline across the nation, the Greater Los Angeles Area remains a relatively concentrated center of manufacturing across many product lines.

Exhibit 5-2 on the next page shows the top competitive private industries in more detail in the San Gabriel Valley by their employment location quotients compared to California for 2012, for all industries with a location quotient of 1.5 or greater.

A complete list of the location quotients for all industry subsectors and all industry groups is provided in Exhibits A-5 and A-6. ❖

Exhibit 5-1

Competitive Industry Subsectors in SGV 2012 Location Quotients vs. California

NAICS	Industry	LQ
331	Primary Metal Manufacturing	2.5
492	Couriers and Messengers	2.5
221	Utilities	2.4
322	Paper Manufacturing	2.4
315	Apparel Manufacturing	2.3
335	Electrical Equipment, Appliance and Component Mfg	2.2
326	Plastics and Rubber Products Manufacturing	2.1
518	Internet Service Providers, Web Search Portals	1.9
522	Credit Intermediation and Related Activities	1.7
623	Nursing and Residential Care Facilities	1.7
611	Educational Services	1.7
337	Furniture and Related Product Manufacturing	1.7
424	Merchant Wholesalers, Nondurable Goods	1.6
485	Transit and Ground Passenger Transportation	1.6
323	Printing and Related Support Activities	1.6
622	Hospitals	1.5
423	Merchant Wholesalers, Durable Goods	1.5
551	Management of Companies and Enterprises	1.4
332	Fabricated Metal Product Manufacturing	1.4
813	Religious, Grantmaking, Civic, Professional Orgs	1.4
445	Food and Beverage Stores	1.3
441	Motor Vehicle and Parts Dealers	1.3
446	Health and Personal Care Stores	1.3
621	Ambulatory Health Care Services	1.2
624	Social Assistance	1.2
443	Electronics and Appliance Stores	1.2
311	Food Manufacturing	1.2
562	Waste Management and Remediation Services	1.1
811	Repair and Maintenance	1.1
454	Nonstore Retailers	1.1
722	Food Services and Drinking Places	1.1
451	Sporting Goods, Hobby, Book, and Music Stores	1.1
453	Miscellaneous Store Retailers	1.1
442	Furniture and Home Furnishings Stores	1.1
447	Gasoline Stations	1.1
452	General Merchandise Stores	1.1
339	Miscellaneous Manufacturing	1.1

Source: CA EDD; Estimates by LAEDC

Exhibit 5-2**Competitive Industries in SGV 2012
Location Quotients vs. California**

NAICS	Industry	LQ
3169	Other leather product mfg	15.8
3352	Household appliance mfg	7.7
2211	Power generation and supply	4.7
3322	Cutlery and handtool mfg	4.2
4882	Support activities for rail transportation	3.8
3325	Hardware manufacturing	3.5
6239	Other residential care fac	3.4
3221	Pulp/ paper/ paperboard mills	3.4
3314	Other nonferrous metal production	3.1
3311	Iron and steel mills and ferroalloy mfg.	3.0
3132	Fabric mills	3.0
6222	Psychiatric/ subst abuse hosp	2.9
6112	Junior colleges	2.8
3351	Electric lighting equipment manufacturing	2.8
3326	Spring and wire product mfg	2.8
3312	Steel product mfg. from purchased steel	2.8
3162	Footwear manufacturing	2.8
3252	Resin, rubber, and artificial fibers mfg.	2.7
7112	Spectator sports	2.7
3152	Cut and sew apparel manufacturing	2.3
3222	Converted paper product mfg	2.3
3315	Foundries	2.3
3115	Dairy product manufacturing	2.3
3353	Electrical equipment mfg	2.3
3261	Plastics product manufacturing	2.2
4243	Apparel and piece goods merchant wholesalers	2.2
6113	Colleges and universities	2.2
4452	Specialty food stores	2.2
3151	Apparel knitting mills	2.2
4851	Urban transit systems	2.2
3371	Household and institutional furniture mfg.	2.2
3362	Motor vehicle body/ trailer mfg	2.2
4859	Other ground passenger transportation	2.1
6223	Other hospitals	2.1
5223	Activities related to credit intermediation	2.0
4232	Furniture and furnishing merchant wholesalers	2.0
3321	Forging and stamping	2.0
4249	Misc. nondurable goods whlsrs	2.0
4889	Other support activities for transportation	2.0
8132	Grantmaking and giving services	2.0
3313	Alumina and aluminum production	2.0
4239	Misc. durable goods merchant wholesalers	1.9
5182	Data processing, hosting and related services	1.9
4854	School and employee bus transportation	1.9
6232	Residential mental health fac	1.9
3329	Other fabricated metal product manufacturing	1.9
2213	Water/ sewage/ other systems	1.9
5615	Travel arrangement/ res svcs	1.8
4245	Farm product raw material merch. whls.	1.8
5414	Specialized design services	1.8
5221	Depository credit intermediation	1.8
4241	Paper and paper product merchant wholesalers	1.8
6219	Other ambulatory health care services	1.8
6114	Business, computer and management training	1.8

Exhibit 5-2 (cont'd)

NAICS	Industry	LQ
4871	Scenic and sightseeing transportation, land	1.7
4233	Lumber and const. supply merchant wholesalers	1.7
6231	Nursing care facilities	1.7
3119	Other food manufacturing	1.7
4237	Hardware/ plumbing wholesalers	1.7
5621	Waste collection	1.7
4244	Grocery and related wholesalers	1.7
8134	Civic/ social organizations	1.6
6216	Home health care services	1.6
4231	Motor vehicle/ parts wholesalers	1.6
3231	Printing and related support activities	1.6
3335	Metalworking machinery manufacturing	1.6
3113	Sugar and confectionery product manufacturing	1.5
4246	Chemical wholesalers	1.5
6221	General medical and surgical hospitals	1.5
6117	Educational support services	1.5

Performance of Competitive Industries

The change in location quotient of an industry over time can reveal either an increase or decrease in its regional specialization. Industries that experience an increase in location quotient have become stronger relative to the state, while industries that have a decrease in their location quotient have lost some competitive advantage. Examples of a competitive advantage can include well-developed supplier networks, a supply of skilled labor, proximity to transportation networks, adequate infrastructure, and access to natural resources.

Exhibits 5-3 and 5-4 on the following page show all industry groups in the San Gabriel Valley with 2012 location quotients over 2.0 (i.e., competitive industries).

Exhibit 5-3 presents industry groups in the San Gabriel Valley whose 2012 location quotient identifies them as having a regional specialization, and which have posted an increase in their location quotient since 2002.

Exhibit 5-4 displays the industry groups in the San Gabriel Valley with 2012 location quotients which also indicate a regional specialization, but which have posted a decline in that competitive advantage since 2002. ❖

Exhibit 5-3

Competitive Industries Getting Stronger

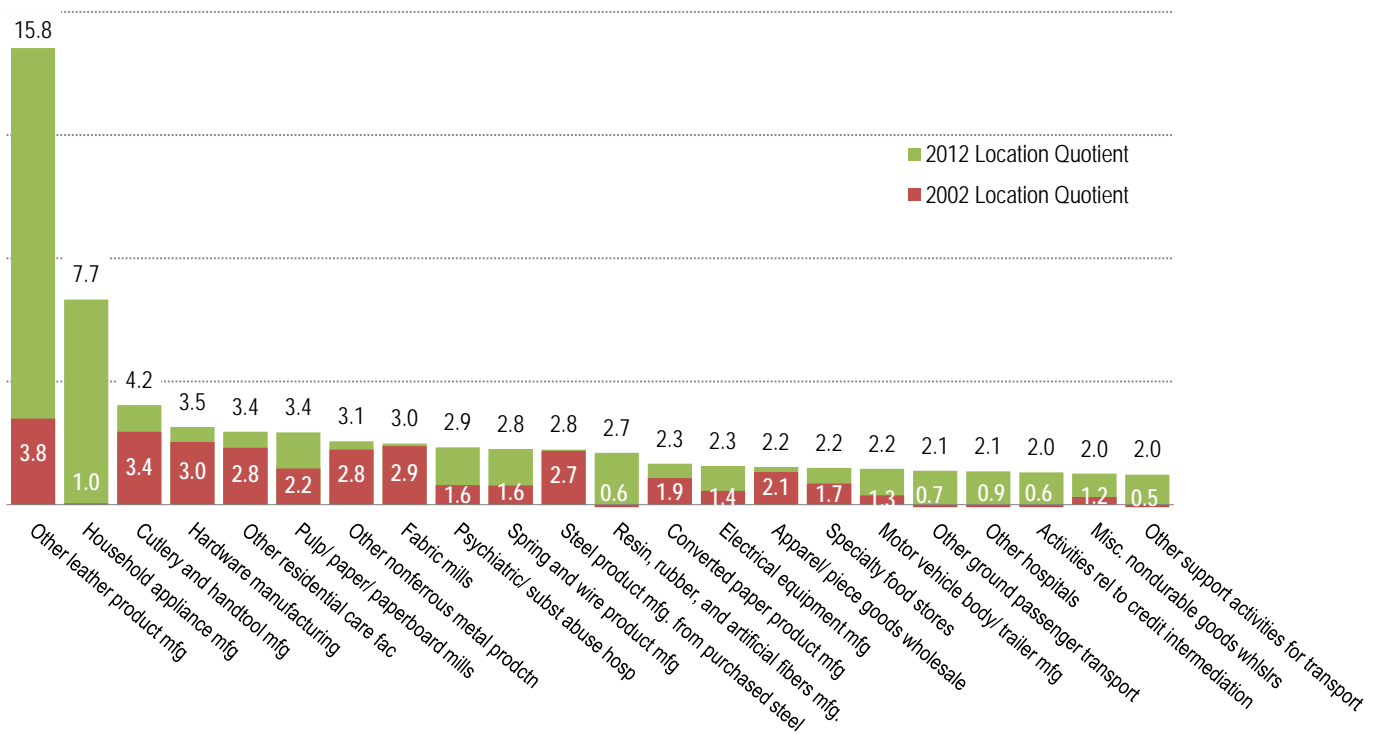
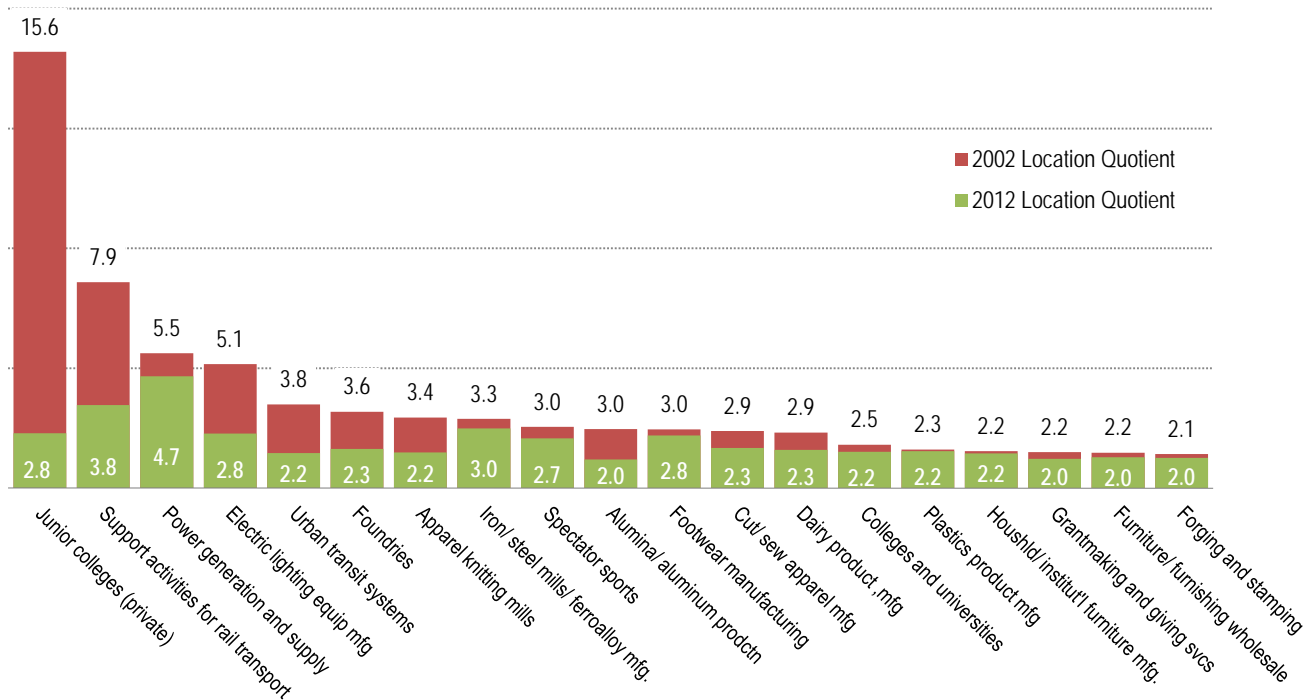


Exhibit 5-4

Competitive Industries Losing Competitiveness



Source: CA EDD; Estimates by LAEDC

Size, Competitiveness and Performance

Because location quotients are calculated using relative employment shares of two separate geographies (such as the San Gabriel Valley and the state of California here), changes in location quotient can be the result of employment changes in either geography.

Therefore, large changes in the region's location quotient accompanied by little or no change in employment indicate a change in the industry's employment at the state level. Conversely, large changes in area employment accompanied by little to no change in the location quotient indicate a concurrent increase in industry concentration statewide.

In order to determine what types of efforts can be undertaken to help strengthen area industry specialization, either through development or job retention efforts, it is helpful to investigate competitive industries and their performance over time.

Exhibit 5-5 displays the competitive industry groups in the San Gabriel Valley with location quotients in excess of 2.0 in 2012, lists their current 2012 employment and the change in the number of jobs from 2002, and the location quotients for 2002 and 2012.

The table categorizes four sets of competitive industry groups: (i) those increasing in competitiveness and getting larger in terms of employment; (ii) those increasing in competitiveness but getting smaller; (iii) those losing competitiveness and getting larger; and (iv) those losing competitiveness and getting smaller.

Industry groups excluded from the table but which have a large number of employees or experienced sizeable changes in employment from 2002 to 2012 did not have a location quotient indicating a regional specialization, and are therefore likely industries that serve the local population and not targets for economic development efforts.

Simultaneous growth in employment and industry concentration is intuitive. Businesses in these industries

have chosen to locate in the San Gabriel Valley and are performing well enough to increase employment. Investigation into the factors compelling these firms to locate and stay in the region can reveal insights that can be used to foster continued growth in the industry.

A competitive industry that is growing in relative employment concentration while experiencing job losses implies that employment in this industry in the state as a whole is also declining, but at a faster rate. In this instance, the local region may have distinct advantages for businesses in the industry that shields them from unsuitable conditions being experienced in the larger geography. If this is the case, identifying these particular assets would be beneficial, as they can be used as a powerful tool in attracting other firms to the area. However, this may also be an indication that the industry as a whole is on a structural downward employment trend and, if so, intervention efforts may ultimately be unsuccessful.

Simultaneous declines in employment and industry concentration is revealing. These industries are clearly experiencing some types of barriers. Businesses are choosing to leave the area or are encountering conditions that have caused them to contract employment. Opportunities may exist to increase development and retention efforts for these at-risk industries.

A competitive industry declining in relative employment concentration while experiencing job gains implies that the concentration of this industry in the state as a whole is increasing faster than that of the local area. Opportunities exist to determine what growth strategies are being employed elsewhere that can be implemented in the local area to help shore up industry competitiveness.

A complete list of the change in location quotients from 2002 to 2012 for all industry subsectors and industry groups is provided in Exhibits A-5 and A-6 in the Appendix. ❖

Exhibit 5-5
Competitive Industry Groups in San Gabriel Valley with Size and Competitiveness

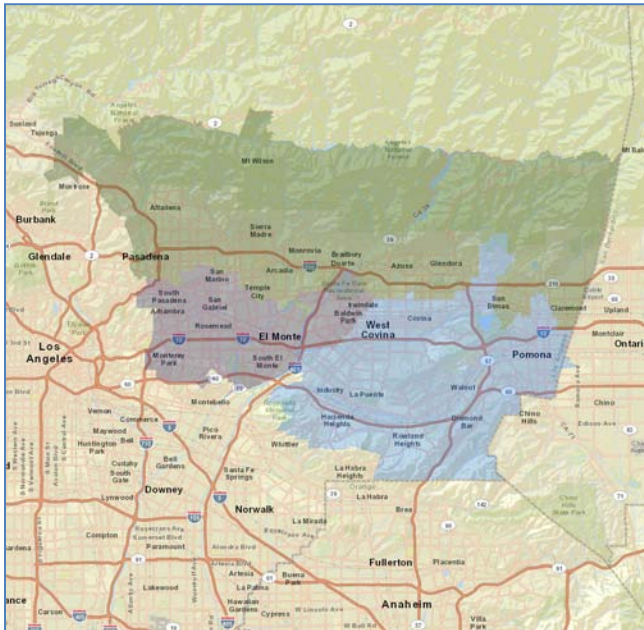
NAICS	Industry	Employment		Location Quotient	
		2012	02-12 Chg	2002	2012
Industries Growing More Competitive and Getting Larger					
5223	Activities related to credit intermediation	3,014	2,153	0.6	2.0
4249	Misc. nondurable goods wholesalers	3,975	1,380	1.2	2.0
4859	Other ground passenger transport	1,218	951	0.7	2.1
3169	Other leather product mfg	1,486	891	3.8	15.8
6223	Other hospitals	1,110	796	0.9	2.1
4243	Apparel/ piece goods wholesale	2,902	404	2.1	2.2
6222	Psychiatric/ subst abuse hosp	813	362	1.6	2.9
3352	Household appliance mfg	444	331	1.0	7.7
3252	Resin, rubber, and artificial fibers mfg.	330	220	0.6	2.7
4889	Other support activities for transport	251	174	0.5	2.0
3353	Electrical equipment mfg	768	135	1.4	2.3
3326	Spring and wire product mfg	336	16	1.6	2.8
Industries Growing More Competitive but Getting Smaller					
6239	Other residential care facilities	1,973	-495	2.8	3.4
3132	Fabric mills	240	-361	2.9	3.0
3325	Hardware manufacturing	342	-300	3.0	3.5
3222	Converted paper product mfg	1,900	-287	1.9	2.3
3322	Cutlery and handtool mfg	394	-275	3.4	4.2
3221	Pulp/ paper/ paperboard mills	150	-146	2.2	3.4
3362	Motor vehicle body/ trailer mfg	397	-140	1.3	2.2
3312	Steel product mfg. from purchased steel	308	-105	2.7	2.8
3314	Other nonferrous metal production	346	-69	2.8	3.1
4452	Specialty food stores	2,812	-58	1.7	2.2
Industries Losing Competitiveness but Getting Larger					
6113	Colleges and universities (private)	10,306	1,432	2.5	2.2
2211	Power generation and supply	4,247	176	5.5	4.7
3311	Iron/ steel mills/ ferroalloy mfg.	427	18	3.3	3.0
4882	Support activities for rail transport	217	18	7.9	3.8
Industries Losing Competitiveness and Getting Smaller					
3152	Cut/ sew apparel mfg	5,034	-5,392	2.9	2.3
6112	Junior colleges (private)	892	-5,256	15.6	2.8
3371	Houshld/ institut'l furniture mfg.	1,742	-2,386	2.2	2.2
3261	Plastics product mfg	3,475	-1,945	2.3	2.2
3351	Electric lighting equip mfg	771	-1,472	5.1	2.8
3315	Foundries	622	-896	3.6	2.3
3151	Apparel knitting mills	133	-504	3.4	2.2
3313	Alumina/ aluminum production	320	-490	3.0	2.0
8132	Grantmaking and giving services	1,938	-384	2.2	2.0
3115	Dairy product ,mfg	1,589	-368	2.9	2.3
4232	Furniture/ furnishing wholesale	1,500	-294	2.2	2.0
3321	Forging and stamping	746	-149	2.1	2.0
4851	Urban transit systems	434	-126	3.8	2.2
7112	Spectator sports	1,711	-69	3.0	2.7
3162	Footwear manufacturing	111	-55	3.0	2.8

Source: CA EDD; Estimates by LAEDC

6 Sub-Regional Overviews

The San Gabriel Valley is an expansive geographic area with diverse demographics and a varied industry composition. As such, a sub-regional analysis may provide additional insight into the area. The region is divided into three sub-regions, as shown in Exhibit 6-1.

Exhibit 6-1
San Gabriel Valley Sub-Regions



Sources: ESRI; LAEDC

The North SGV sub-region stretches across the valley at the foot of the San Gabriel Mountain range. The remaining region is split into a Southwest sub-region and a Southeast sub-region.

Exhibit 6-2 provides a summary of socioeconomic conditions of each sub-region of San Gabriel Valley.

Although the sub-regions are part of a larger economic region, there are differences among them, particularly in income and poverty levels.

Exhibit 6-3 outlines the industry base of the San Gabriel Valley, as depicted by the share of San Gabriel Valley's industry employment in each of the sub-regions.

Exhibit 6-2
Demographic and Income Characteristics by Sub-Region 2012

	North	SW	SE
Population	568,581	558,224	682,446
<i>Percent of SGV population</i>	<i>31.4%</i>	<i>30.9%</i>	<i>37.7%</i>
Median age	39.4	37.1	35.2
Households	200,772	163,588	191,876
<i>Percent of SGV households</i>	<i>36.1%</i>	<i>29.4%</i>	<i>34.5%</i>
Average household size	2.75	3.39	3.51
Median household income	\$65,201	\$48,924	\$59,863
Per capita income	\$32,185	\$19,668	\$22,103
HH below poverty level (2009)	8.7%	13.2%	9.2%
Median home value	\$389,809	\$326,053	\$315,024

Source: ESRI, 2009 ACS 5-year estimates

Exhibit 6-3
Industry Profile of SGV by Sub-Region 2012

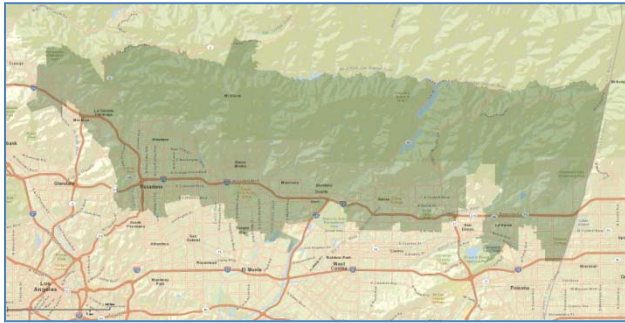
	<u>Percent of SGV Jobs</u>		
	North	SW	SE
Total Payroll Employment	37.0%	27.2%	35.8%
Good Producing Industries:			
Natural Resources and Mining	25.7%	28.4%	45.9%
Construction	33.9%	55.0%	11.1%
Manufacturing	34.5%	21.6%	43.9%
Other Services	22.0%	30.4%	47.6%
Service Providing Industries			
Wholesale Trade	39.9%	26.9%	33.2%
Retail Trade	18.4%	29.4%	52.2%
Trans., Warehousing, Utilities	36.0%	27.6%	36.3%
Information	15.4%	46.3%	38.3%
Financial Activities	40.2%	22.5%	37.3%
Professional and Business Svcs	42.7%	29.3%	28.0%
Educational and Health Services	45.7%	24.9%	29.5%
Leisure and Hospitality	47.5%	25.2%	27.3%
Other Services	43.7%	24.1%	32.2%
Government	41.1%	22.8%	36.1%
Government	29.7%	28.4%	41.9%

Sources: CA EDD; Estimates by LAEDC
May not sum due to rounding

The pages that follow focus on each sub-region, providing a brief demographic overview, an industry profile, a list of the largest industry groups by employment and a list of competitive industry groups with a location quotient in excess of 1.0. ❖

North SGV Sub-Region

Exhibit 6-4
North San Gabriel Valley Sub-Region



Sources: ESRI; LAEDC

Exhibit 6-7
Educational Attainment
North SGV Sub-Region 2009

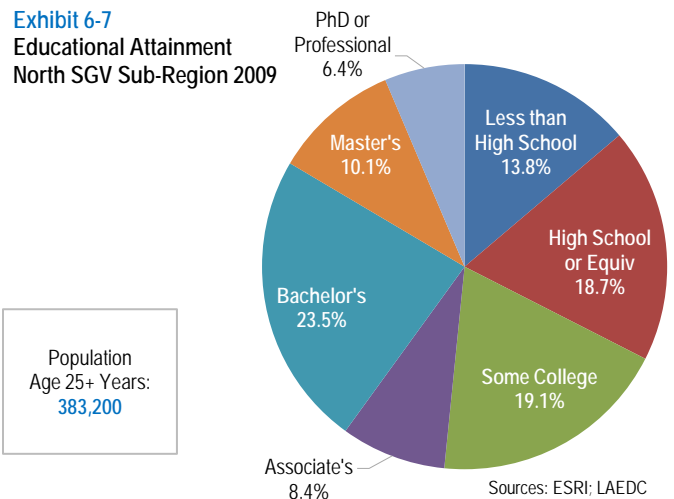


Exhibit 6-5
Demographic and Income Characteristics 2012

	North SGV Sub-Region	Compared to SGV
Population	568,581	31.4% of total
Median age	39.4	2.3 years older
Households	200,772	36.1% of total
Average household size	2.75	0.45 smaller
Median household income	\$65,201	\$7,338 higher
Per capita income	\$32,185	\$7,665 higher
HH below poverty level (2009)	8.70%	1.5% lower
Median home value	\$389,809	\$49,373 higher

Source: ESRI, 2009 ACS 5-year estimates

Exhibit 6-8
Households and Poverty
North SGV Sub-Region 2009
Income in the past 12 months below poverty level

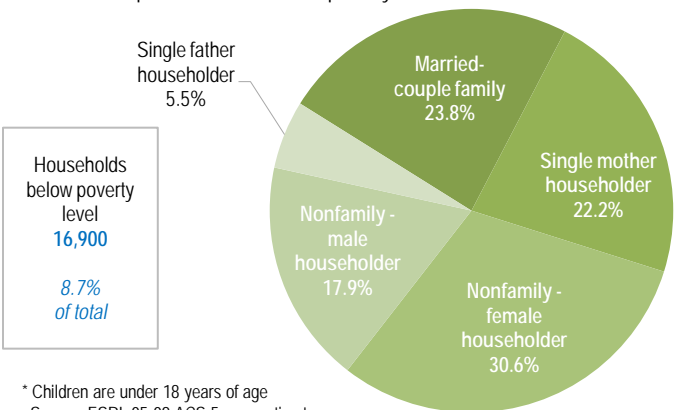


Exhibit 6-6
Racial Composition
North SGV Sub-Region 2012

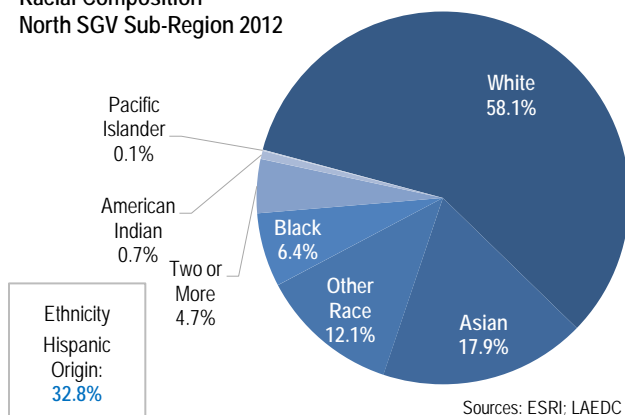


Exhibit 6-9
Households by Income
North SGV Sub-Region 2012

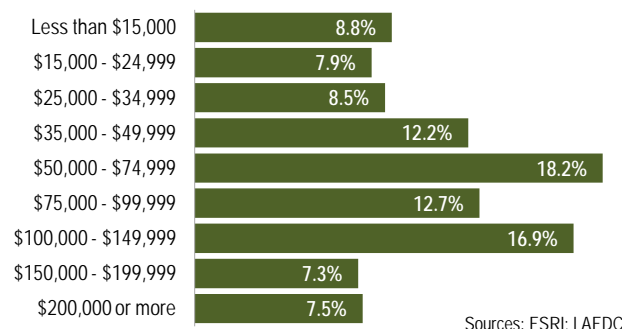


Exhibit 6-10
Industry Profile of North SGV Sub-Region 2012

	Number of Jobs	% of Total
Total Payroll Employment	217,536	100.0%
Good Producing Industries:	19,918	9.2%
Natural Resources and Mining	524	0.2%
Construction	7,363	3.4%
Manufacturing	12,031	5.5%
Service Providing Industries	179,381	82.5%
Wholesale Trade	7,363	3.4%
Retail Trade	25,711	11.8%
Transportation, Warehousing, Utilities	3,170	1.5%
Information	3,968	1.8%
Financial Activities	15,577	7.2%
Professional and Business Services	36,813	16.9%
Educational and Health Services	51,191	23.5%
Leisure and Hospitality	27,107	12.5%
Other Services	8,481	3.9%
Government	18,237	8.4%

Sources: CA EDD; Estimates by LAEDC

Exhibit 6-11
**Largest Industry Subsectors in North SGV Sub-Region
(By 2012 Employment)**

NAICS	Description	Employment
541	Professional, Scientific, and Technical Services	21,170
722	Food Services and Drinking Places	20,335
930	Local Government	16,716
611	Educational Services	14,760
621	Ambulatory Health Care Services	13,853
561	Administrative and Support Services	10,217
622	Hospitals	10,035
623	Nursing and Residential Care Facilities	7,973
522	Credit Intermediation and Related Activities	7,166
445	Food and Beverage Stores	5,523
551	Management of Companies and Enterprises	5,212
452	General Merchandise Stores	4,962
624	Social Assistance	4,569
238	Specialty Trade Contractors	4,257
813	Religious, Grantmaking, Civic, Prof Orgs	3,649
	<i>All other Industries</i>	<i>67,139</i>
TOTAL		217,536

Sources: CA EDD; Estimates by LAEDC

Exhibit 6-12
**Competitive Industry Subsectors in North SGV Sub-Region
(Location Quotients vs. California 2012)**

NAICS	Industry	LQ
611	Educational Services	3.2
519	Other Information Services	2.4
711	Performing Arts, Spectator Sports, and Related Ind	2.1
623	Nursing and Residential Care Facilities	2.1
522	Credit Intermediation and Related Activities	1.9
622	Hospitals	1.8
523	Securities, Commodity Contracts, and Other Financi	1.7
551	Management of Companies and Enterprises	1.7
813	Religious, Grantmaking, Civic, Professional, and S	1.6
339	Miscellaneous Manufacturing	1.5
485	Transit and Ground Passenger Transportation	1.4
451	Sporting Goods, Hobby, Book, and Music Stores	1.4
621	Ambulatory Health Care Services	1.4
624	Social Assistance	1.3
335	Electrical Eqpm, Appliance and Component Manuf	1.3
712	Museums, Historical Sites, and Similar Institution	1.3
812	Personal and Laundry Services	1.3
442	Furniture and Home Furnishings Stores	1.3
541	Professional, Scientific, and Technical Services	1.3
236	Construction of Buildings	1.2
446	Health and Personal Care Stores	1.2
525	Funds, Trusts, and Other Financial Vehicles	1.2
722	Food Services and Drinking Places	1.2
524	Insurance Carriers and Related Activities	1.2
441	Motor Vehicle and Parts Dealers	1.2
323	Printing and Related Support Activities	1.1
452	General Merchandise Stores	1.1
445	Food and Beverage Stores	1.1
336	Transportation Equipment Manufacturing	1.1
448	Clothing and Clothing Accessories Stores	1.1
453	Miscellaneous Store Retailers	1.1
447	Gasoline Stations	1.1
221	Utilities	1.1
454	Nonstore Retailers	1.0
517	Telecommunications	1.0

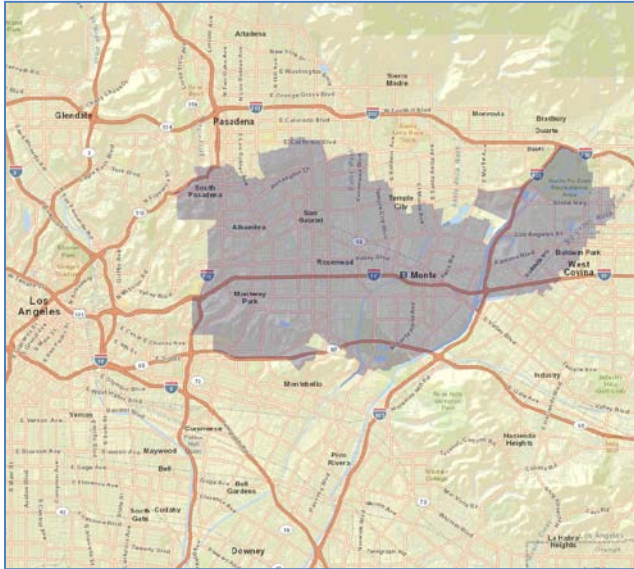
Source: CA EDD; Estimates by LAEDC

Summary and detailed tables for the North SGV Sub-Region are A-7, A-10 and A-13 in the Appendix.

Southwest SGV Sub-Region

Exhibit 6-13

Southwest San Gabriel Valley Sub-Region



Sources: ESRI; LAEDC

Exhibit 6-14

Demographic and Income Characteristics 2012

	Southwest SGV Sub-Region	Compared to SGV
Population	558,224	30.9% of total
Median age	37.1	same
Households	163,588	29.4% of total
Average household size	3.39	0.19 larger
Median household income	\$48,924	\$8,939 lower
Per capita income	\$19,668	\$4,852 lower
HH below poverty level (2009)	13.20%	3.0% higher
Median home value	\$326,053	\$14,383 lower

Source: ESRI, 2009 ACS 5-year estimates

Exhibit 6-15

Racial Composition
Southwest SGV Sub-Region 2012

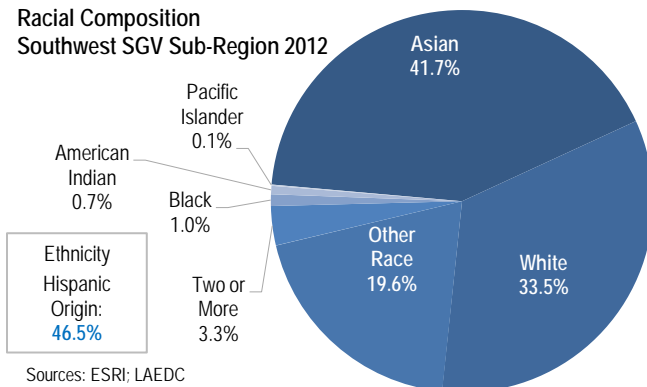


Exhibit 6-16

Educational Attainment
Southwest SGV Sub-Region 2009

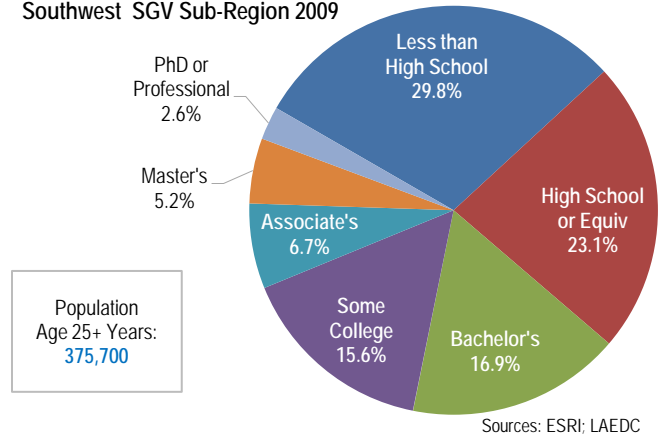


Exhibit 6-17

Households and Poverty
Southwest SGV Sub-Region 2009

Income in the past 12 months below poverty level

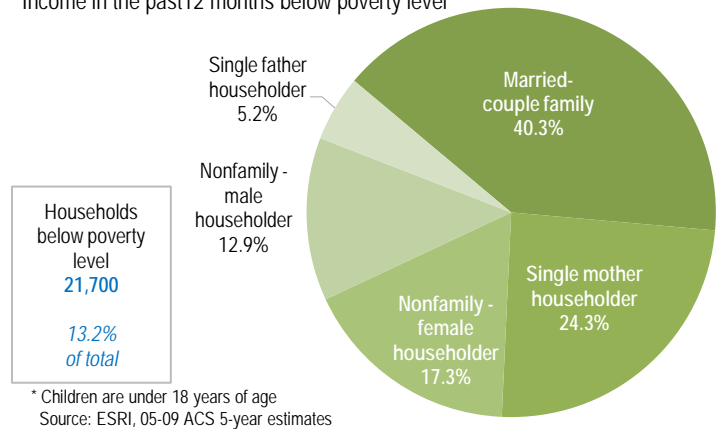


Exhibit 6-18

Households by Income
Southwest SGV Sub-Region 2012

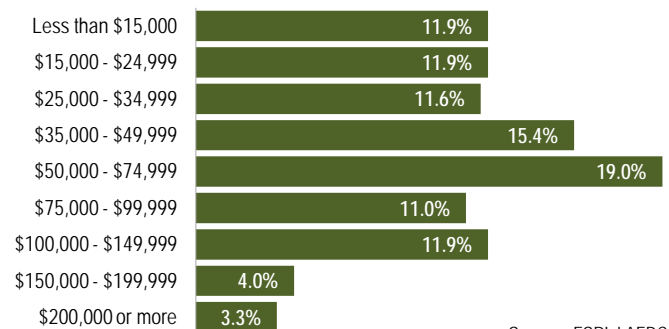


Exhibit 6-19**Industry Profile of Southwest SGV Sub-Region 2012**

	Number of Jobs	% of Total
Total Payroll Employment	160,194	100.0%
Good Producing Industries:	22,044	13.8%
Natural Resources and Mining	850	0.5%
Construction	4,615	2.9%
Manufacturing	16,579	10.3%
Service Providing Industries	120,687	75.3%
Wholesale Trade	11,719	7.3%
Retail Trade	19,715	12.3%
Transportation, Warehousing, Utilities	9,521	5.9%
Information	2,219	1.4%
Financial Activities	10,672	6.7%
Professional and Business Services	20,033	12.5%
Educational and Health Services	27,153	17.0%
Leisure and Hospitality	14,960	9.3%
Other Services	4,695	2.9%
Government	17,463	10.9%

Sources: CA EDD; Estimates by LAEDC

Exhibit 6-20**Largest Industry Subsectors in Southwest SGV Sub-Region
(By 2012 Employment)**

NAICS	Description	Employment
930	Local Government	16,222
722	Food Services and Drinking Places	13,530
621	Ambulatory Health Care Services	9,664
561	Administrative and Support Services	9,187
541	Professional, Scientific, and Technical Services	6,489
445	Food and Beverage Stores	6,420
522	Credit Intermediation and Related Activities	6,313
622	Hospitals	6,184
424	Merchant Wholesalers, Nondurable Goods	5,490
623	Nursing and Residential Care Facilities	5,411
423	Merchant Wholesalers, Durable Goods	5,350
551	Management of Companies and Enterprises	4,123
221	Utilities	3,744
624	Social Assistance	3,368
315	Apparel Manufacturing	3,103
452	General Merchandise Stores	2,998
	<i>All other Industries</i>	<i>68,820</i>
TOTAL		160,194

Sources: CA EDD; Estimates by LAEDC

Exhibit 6-21**Competitive Industry Subsectors in Southwest SGV Sub-Region
(Location Quotients vs. California 2012)**

NAICS	Industry	LQ
221	Utilities	5.8
315	Apparel Manufacturing	5.0
485	Transit and Ground Passenger Transportation	2.8
313	Textile Mills	2.7
522	Credit Intermediation and Related Activities	2.3
323	Printing and Related Support Activities	2.2
212	Mining (except Oil and Gas)	2.2
337	Furniture and Related Product Manufacturing	2.1
424	Merchant Wholesalers, Nondurable Goods	2.0
623	Nursing and Residential Care Facilities	1.9
331	Primary Metal Manufacturing	1.9
493	Warehousing and Storage	1.9
335	Electrical Eqmt, Appliance, and Component Man	1.9
551	Management of Companies and Enterprises	1.8
492	Couriers and Messengers	1.8
326	Plastics and Rubber Products Manufacturing	1.8
445	Food and Beverage Stores	1.7
454	Nonstore Retailers	1.6
332	Fabricated Metal Product Manufacturing	1.6
423	Merchant Wholesalers, Durable Goods	1.5
622	Hospitals	1.5
441	Motor Vehicle and Parts Dealers	1.5
624	Social Assistance	1.3
446	Health and Personal Care Stores	1.3
811	Repair and Maintenance	1.3
621	Ambulatory Health Care Services	1.3
443	Electronics and Appliance Stores	1.3
237	Heavy and Civil Engineering Construction	1.2
487	Scenic and Sightseeing Transportation	1.2
311	Food Manufacturing	1.2
488	Support Activities for Transportation	1.1
444	Building Material and Garden Eqmt and Supplies	1.1
722	Food Services and Drinking Places	1.1
339	Miscellaneous Manufacturing	1.1
314	Textile Product Mills	1.0
517	Telecommunications	1.0
312	Beverage and Tobacco Product Manufacturing	1.0
322	Paper Manufacturing	1.0

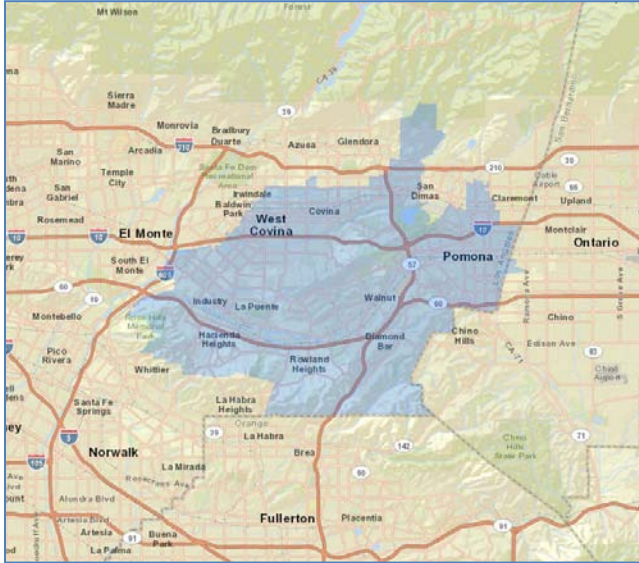
Source: CA EDD; Estimates by LAEDC

Summary and detailed tables for the Southwest SGV Sub-Region are A-8, A-11 and A-14 in the Appendix.

Southeast SGV Sub-Region

Exhibit 6-22

Southeast San Gabriel Valley Sub-Region



Sources: ESRI; LAEDC

Exhibit 6-23

Demographic and Income Characteristics 2012

	Southeast Sub-Region	Compared to SGV
Population	682,446	37.7% of total
Median age	35.2	1.9 yrs younger
Households	191,876	34.5% of total
Average household size	3.51	0.31 larger
Median household income	\$59,863	\$2,000 higher
Per capita income	\$22,103	\$2,417 lower
HH below poverty level (2009)	9.20%	1.0% lower
Median home value	\$315,024	\$25,412 lower

Source: ESRI, 2009 ACS 5-year estimates

Exhibit 6-24

Racial Composition
Southeast SGV Sub-Region 2012

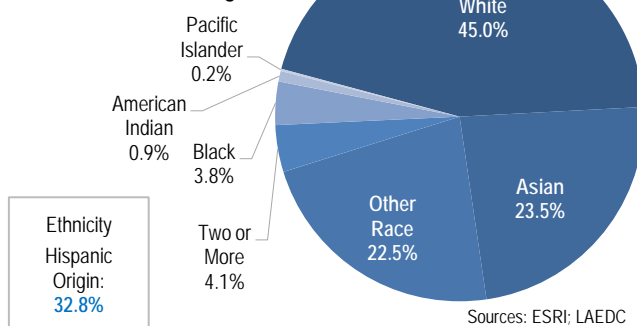


Exhibit 6-25

Educational Attainment
Southeast SGV Sub-Region 2009

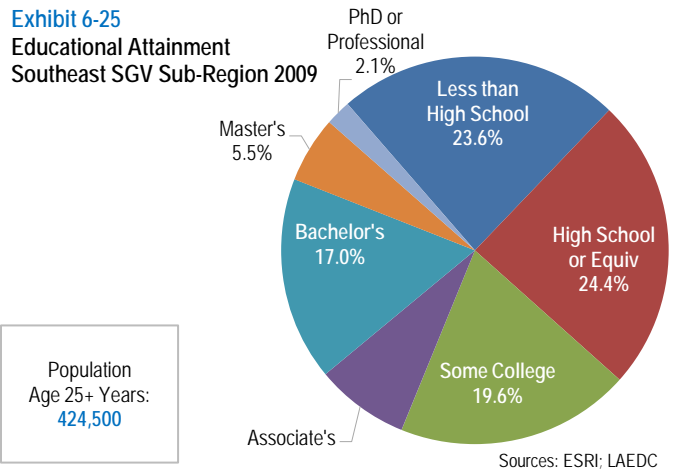


Exhibit 6-26

Households and Poverty 2009
Southeast SGV Sub-Region

Income in the past 12 months below poverty level

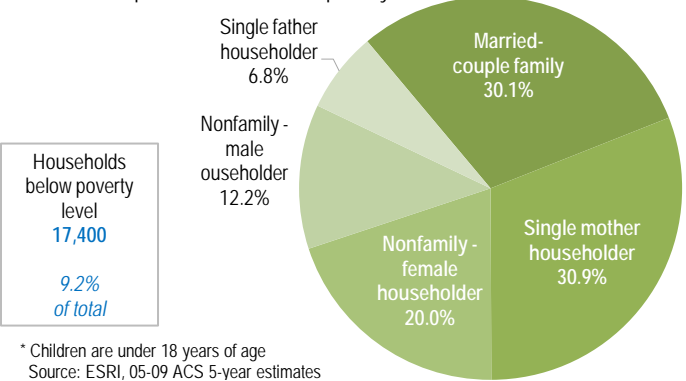


Exhibit 6-27

Households by Income
Southeast SGV Sub-Region 2012

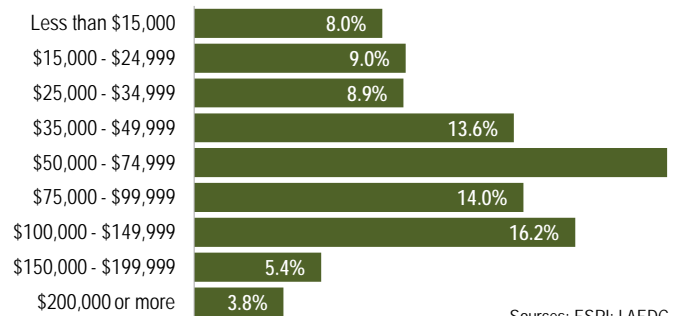


Exhibit 6-28**Industry Profile of Southeast SGV Sub-Region 2012**

	Number of Jobs	% of Total
Total Payroll Employment	210,403	100.0%
Good Producing Industries:	35,534	16.9%
Natural Resources and Mining	171	0.1%
Construction	9,377	4.5%
Manufacturing	25,986	12.4%
Service Providing Industries	149,160	70.9%
Wholesale Trade	20,833	9.9%
Retail Trade	25,936	12.3%
Transportation, Warehousing, Utilities	7,890	3.7%
Information	3,679	1.7%
Financial Activities	10,213	4.9%
Professional and Business Services	23,750	11.3%
Educational and Health Services	29,438	14.0%
Leisure and Hospitality	19,969	9.5%
Other Services	7,452	3.5%
Government	25,709	12.2%

Sources: CA EDD; Estimates by LAEDC

Exhibit 6-29**Largest Industry Subsectors in Southeast SGV Sub-Region
(By 2012 Employment)**

NAICS	Description	Employment
930	Local Government	20,041
722	Food Services and Drinking Places	16,559
561	Administrative and Support Services	11,887
423	Merchant Wholesalers, Durable Goods	11,121
621	Ambulatory Health Care Services	10,546
424	Merchant Wholesalers, Nondurable Goods	8,006
541	Professional, Scientific, and Technical Services	7,887
622	Hospitals	7,134
238	Specialty Trade Contractors	6,699
445	Food and Beverage Stores	6,068
452	General Merchandise Stores	4,833
623	Nursing and Residential Care Facilities	4,579
522	Credit Intermediation and Related Activities	4,247
920	State Government	4,047
611	Educational Services	4,012
311	Food Manufacturing	3,853
	<i>All other Industries</i>	<i>78,882</i>
TOTAL		210,401

Sources: CA EDD; Estimates by LAEDC

Exhibit 6-30**Competitive Industry Subsectors in Southeast SGV Sub-Region
(Location Quotients vs. California 2012)**

NAICS	Industry	LQ
316	Leather and Allied Product Manufacturing	21.5
322	Paper Manufacturing	5.1
331	Primary Metal Manufacturing	4.9
518	Data Processing, Hosting, and Related Services	4.6
326	Plastics and Rubber Products Manufacturing	3.8
335	Electrical Eqmt, Appliance, and Component Man	3.5
315	Apparel Manufacturing	2.8
423	Merchant Wholesalers, Durable Goods	2.4
493	Warehousing and Storage	2.3
337	Furniture and Related Product Manufacturing	2.3
424	Merchant Wholesalers, Nondurable Goods	2.2
332	Fabricated Metal Product Manufacturing	2.0
311	Food Manufacturing	1.8
484	Truck Transportation	1.7
323	Printing and Related Support Activities	1.6
813	Religious, Grantmaking, Civic, Professional, and S	1.5
443	Electronics and Appliance Stores	1.4
453	Miscellaneous Store Retailers	1.4
325	Chemical Manufacturing	1.4
622	Hospitals	1.3
441	Motor Vehicle and Parts Dealers	1.3
221	Utilities	1.3
446	Health and Personal Care Stores	1.3
314	Textile Product Mills	1.3
447	Gasoline Stations	1.3
811	Repair and Maintenance	1.3
445	Food and Beverage Stores	1.3
321	Wood Product Manufacturing	1.2
238	Specialty Trade Contractors	1.2
623	Nursing and Residential Care Facilities	1.2
333	Machinery Manufacturing	1.2
237	Heavy and Civil Engineering Construction	1.2
522	Credit Intermediation and Related Activities	1.2
425	Wholesale Electronic Markets and Agents and Broker	1.1
452	General Merchandise Stores	1.1
524	Insurance Carriers and Related Activities	1.1
621	Ambulatory Health Care Services	1.1
442	Furniture and Home Furnishings Stores	1.0
722	Food Services and Drinking Places	1.0
517	Telecommunications	1.0
624	Social Assistance	1.0
451	Sporting Goods, Hobby, Book, and Music Stores	1.0

Source: CA EDD; Estimates by LAEDC

Summary and detailed tables for the Southeast SGV Sub-Region are A-9, A-12 and A-15 in the Appendix.

Appendices

Detailed Tables

Exhibit A-1

Establishments, Employment and Average Wages San Gabriel Valley by Industry Subsector in 2012

NAICS	Description	Establishments	Employment	Average Annual Wage
111	Crop Production	37	1,174	not disclosed
112	Animal Production	8	28	not disclosed
113	Forestry and Logging	2	17	not disclosed
115	Support Activities for Agriculture and Forestry	24	97	not disclosed
212	Mining (except Oil and Gas)	9	192	\$ 78,834
213	Support Activities for Mining	8	22	57,860
221	Utilities	80	5,776	107,634
236	Construction of Buildings	801	4,591	55,324
237	Heavy and Civil Engineering Construction	118	2,878	88,501
238	Specialty Trade Contractors	1,439	13,885	50,721
311	Food Manufacturing	206	7,013	not disclosed
312	Beverage and Tobacco Product Manufacturing	8	657	76,688
313	Textile Mills	20	354	32,392
314	Textile Product Mills	20	297	not disclosed
315	Apparel Manufacturing	296	5,173	not disclosed
316	Leather and Allied Products Manufacturing	12	1,597	not disclosed
321	Wood Product Manufacturing	43	494	not disclosed
322	Paper Manufacturing	32	2,050	55,869
323	Printing and Related Support Activities	217	2,711	40,198
324	Petroleum and Coal Products Manufacturing	8	104	86,898
325	Chemical Manufacturing	68	2,637	51,784
326	Plastics and Rubber Products Manufacturing	86	3,787	39,810
327	Nonmetallic Mineral Product Manufacturing	45	716	not disclosed
331	Primary Metal Manufacturing	37	2,023	51,274
332	Fabricated Metal Product Manufacturing	373	7,089	not disclosed
333	Machinery Manufacturing	139	2,792	not disclosed
334	Computer and Electronic Product Manufacturing	138	3,673	63,976
335	Electrical Equipment, Appliance, and Component Man	75	2,640	50,937
336	Transportation Equipment Manufacturing	86	3,156	not disclosed
337	Furniture and Related Product Manufacturing	112	2,091	37,066
339	Miscellaneous Manufacturing	175	3,540	55,270
423	Merchant Wholesalers, Durable Goods	2,064	19,742	52,159
424	Merchant Wholesalers, Nondurable Goods	1,856	16,441	not disclosed
425	Wholesale Electronic Markets and Agents and Broker	638	3,732	56,783
441	Motor Vehicle and Parts Dealers	480	8,800	48,681
442	Furniture and Home Furnishings Stores	231	2,151	27,801
443	Electronics and Appliance Stores	316	3,063	48,378
444	Building Material and Garden Eqimt and Supplies	263	4,247	28,876
445	Food and Beverage Stores	732	18,011	25,118
446	Health and Personal Care Stores	596	5,490	37,442
447	Gasoline Stations	240	2,208	24,470
448	Clothing and Clothing Accessories Stores	572	6,090	19,460
451	Sporting Goods, Hobby, Book, and Music Stores	244	2,983	18,951
452	General Merchandise Stores	213	12,792	21,342

Exhibit A-1 (continued)

NAICS	Description	Establishments	Employment	Average Annual Wage
453	Miscellaneous Store Retailers	459	3,794	\$ 24,820
454	Nonstore Retailers	184	1,735	38,987
481	Air Transportation	9	46	50,527
485	Rail Transportation	0	not in area	not in area
483	Water Transportation	14	89	not disclosed
484	Truck Transportation	414	3,811	41,965
485	Transit and Ground Passenger Transportation	91	2,553	27,874
486	Pipeline Transportation	2	3	not disclosed
487	Scenic and Sightseeing Transportation	11	118	\$22,664
488	Support Activities for Transportation	269	2,387	not disclosed
491	Postal Service	1	7	not disclosed
492	Couriers and Messengers	67	1,797	not disclosed
493	Warehousing and Storage	70	3,994	44,975
511	Publishing Industries (except Internet)	82	1,199	58,240
512	Motion Picture and Sound Recording Industries	196	1,268	41,782
515	Broadcasting (except Internet)	25	494	52,879
517	Telecommunications	178	3,563	65,478
518	Data Processing, Hosting, and Related Services	33	1,604	88,510
519	Other Information Services	45	1,738	80,559
521	Monetary Authorities	1	8	not disclosed
522	Credit Intermediation and Related Activities	829	17,724	66,324
523	Securities, Commodity Contracts and Other Financial	473	3,031	178,948
524	Insurance Carriers and Related Activities	734	7,709	63,469
525	Funds, Trusts, and Other Financial Vehicles	61	290	not disclosed
531	Real Estate	1,532	6,400	40,207
532	Rental and Leasing Services	186	1,264	37,422
533	Lessors of Nonfinancial Intangible Assets (except	10	37	96,970
541	Professional, Scientific, and Technical Services	4,740	35,546	not disclosed
551	Management of Companies and Enterprises	185	11,813	94,826
561	Administrative and Support Services	1,751	31,291	33,390
562	Waste Management and Remediation Services	61	1,945	57,835
611	Educational Services	644	21,297	not disclosed
621	Ambulatory Health Care Services	3,957	34,065	55,979
622	Hospitals	36	23,353	64,504
623	Nursing and Residential Care Facilities	429	17,963	28,842
624	Social Assistance	597	11,103	27,509
711	Performing Arts, Spectator Sports, and Related	348	2,544	74,400
712	Museums, Historical Sites, and Similar Institutions	18	348	30,673
713	Amusement, Gambling, and Recreation Industries	180	4,249	17,066
721	Accommodation	188	4,470	28,104
722	Food Services and Drinking Places	3,123	50,424	16,761
811	Repair and Maintenance	1,127	6,449	32,140
812	Personal and Laundry Services	954	5,832	25,267
813	Religious, Grantmaking, Civic, Professional and Social	488	8,348	38,996
931	Federal Government	51	4,076	67,137
932	State Government	249	4,354	58,412
933	Local Government	623	52,979	50,901
TOTAL		38,881	588,112	\$ 46,884

Source: CA EDD; Estimates by LAEDC

Exhibit A-2**Establishments, Employment and Average Wages San Gabriel Valley by Industry Group in 2012**

NAICS	Description	Establishments	Employment	Average Annual Wage
1111	Oilseed and grain farming	1	9	not disclosed
1112	Vegetable and melon farming	5	39	\$ 21,645
1113	Fruit and tree nut farming	7	30	27,547
1114	Greenhouse and nursery production	22	1,079	26,862
1119	Other crop farming	2	17	not disclosed
1121	Cattle ranching and farming	2	17	not disclosed
1129	Other animal production	6	11	31,418
1132	Forest nursery and gathering forest products	2	17	not disclosed
1151	Support activities for crop production	1	9	not disclosed
1152	Support activities for animal production	18	58	27,893
1153	Support activities for forestry	5	30	41,111
2123	Nonmetallic mineral mining and quarrying	9	192	78,834
2131	Support activities for mining	8	22	57,860
2211	Power generation and supply	38	4,247	122,201
2212	Natural gas distribution	14	1,165	66,989
2213	Water, sewage and other systems	28	364	67,766
2361	Residential building construction	653	2,575	43,494
2362	Nonresidential building construction	148	2,016	70,433
2371	Utility system construction	41	1,895	92,975
2372	Land subdivision	45	151	50,189
2373	Highway, street, and bridge construction	19	474	75,997
2379	Other heavy construction	13	358	97,536
2381	Building foundation and exterior contractors	234	3,163	54,522
2382	Building equipment contractors	688	5,724	56,560
2383	Building finishing contractors	341	3,305	40,401
2389	Other specialty trade contractors	176	1,693	44,020
3111	Animal food manufacturing	3	55	not disclosed
3112	Grain and oilseed milling	5	106	31,805
3113	Sugar and confectionery product manufacturing	10	378	33,303
3114	Fruit and vegetable preserving and specialty	13	600	51,614
3115	Dairy product manufacturing	19	1,589	59,189
3116	Animal slaughtering and processing	14	600	31,685
3117	Seafood product preparation and packaging	3	14	21,009
3118	Bakeries and tortilla manufacturing	100	1,948	27,524
3119	Other food manufacturing	39	1,723	48,296
3121	Beverage manufacturing	8	657	76,688
3131	Fiber, yarn, and thread mills	3	8	23,894
3132	Fabric mills	6	240	34,706
3133	Textile and fabric finishing mills	11	106	27,795
3141	Textile furnishings mills	8	140	not disclosed
3149	Other textile product mills	12	157	31,549
3151	Apparel knitting mills	3	133	not disclosed
3152	Cut and sew apparel manufacturing	289	5,034	29,536
3159	Accessories and other apparel manufacturing	4	6	not disclosed
3162	Footwear manufacturing	3	111	not disclosed
3169	Other leather product manufacturing	9	1,486	not disclosed
3212	Plywood and engineered wood product mfg.	3	61	not disclosed
3219	Other wood product manufacturing	40	433	31,749
3221	Pulp, paper, and paperboard mills	4	150	42,299
3222	Converted paper product manufacturing	28	1,900	56,940
3231	Printing and related support activities	217	2,711	40,198

Exhibit A-2 (continued)

NAICS	Description	Establishments	Employment	Average Annual Wage
3241	Petroleum and coal products manufacturing	8	104	\$ 86,898
3251	Basic chemical manufacturing	8	178	81,251
3252	Resin, rubber, and artificial fibers mfg.	13	330	59,599
3254	Pharmaceutical and medicine manufacturing	23	1,241	42,860
3255	Paint, coating, and adhesive manufacturing	6	173	47,313
3256	Soap, cleaning compound, and toiletry mfg.	22	501	51,097
3259	Other chemical product and preparation mfg.	17	214	72,190
3261	Plastics product manufacturing	74	3,475	39,765
3262	Rubber product manufacturing	12	312	40,312
3271	Clay product and refractory manufacturing	6	132	32,761
3272	Glass and glass product manufacturing	14	233	43,488
3273	Cement and concrete product manufacturing	15	273	57,195
3274	Lime and gypsum product manufacturing	2	17	not disclosed
3279	Other nonmetallic mineral products	8	61	44,105
3311	Iron and steel mills and ferroalloy mfg.	7	427	41,702
3312	Steel product mfg. from purchased steel	6	308	56,657
3313	Alumina and aluminum production	8	320	46,042
3314	Other nonferrous metal production	7	346	84,085
3315	Foundries	9	622	39,620
3321	Forging and stamping	26	746	51,856
3322	Cutlery and handtool manufacturing	12	394	45,074
3323	Architectural and structural metals mfg.	68	891	45,145
3324	Boiler, tank, and shipping container mfg.	9	202	43,912
3325	Hardware manufacturing	11	342	not disclosed
3326	Spring and wire product manufacturing	13	336	45,810
3327	Machine shops and threaded product mfg.	144	2,030	49,694
3328	Coating, engraving, and heat treating metals	60	827	41,241
3329	Other fabricated metal product manufacturing	30	1,321	58,669
3331	Ag., construction, and mining machinery mfg.	4	41	52,411
3332	Industrial machinery manufacturing	26	718	57,378
3333	Commercial and service industry machinery	13	146	74,387
3334	Hvac and commercial refrigeration equipment	11	208	50,329
3335	Metalworking machinery manufacturing	52	767	55,658
3336	Turbine and power transmission equipt mfg.	3	100	not disclosed
3339	Other general purpose machinery manufacturing	30	812	62,805
3341	Computer and peripheral equipment mfg.	8	105	52,733
3342	Communications equipment manufacturing	22	950	79,913
3343	Audio and video equipment manufacturing	3	29	51,058
3344	Semiconductor and electronic component mfg.	44	1,143	50,300
3345	Electronic instrument manufacturing	58	1,437	65,584
3346	Magnetic media manufacturing and reproducing	3	9	34,631
3351	Electric lighting equipment manufacturing	27	771	43,013
3352	Household appliance manufacturing	7	444	46,233
3353	Electrical equipment manufacturing	21	768	44,943
3359	Other electrical equipment and component mfg.	20	657	70,423
3361	Motor vehicle manufacturing	4	4	65,754
3362	Motor vehicle body and trailer manufacturing	6	397	70,459
3363	Motor vehicle parts manufacturing	33	492	61,717
3364	Aerospace product and parts manufacturing	35	2,214	90,779
3366	Ship and boat building	2	8	not disclosed
3369	Other transportation equipment manufacturing	6	42	44,688
3371	Household and institutional furniture mfg.	83	1,742	36,847

Exhibit A-2 (continued)

NAICS	Description	Establishments	Employment	Average Annual Wage
3372	Office furniture and fixtures manufacturing	21	213	\$ 40,458
3379	Other furniture related product manufacturing	8	136	34,560
3391	Medical equipment and supplies manufacturing	74	2,704	60,826
3399	Other miscellaneous manufacturing	101	836	37,298
4231	Motor vehicle and parts merchant wholesalers	244	2,176	39,861
4232	Furniture and furnishing merchant wholesalers	167	1,500	48,368
4233	Lumber and const. supply merchant wholesalers	100	1,144	41,964
4234	Commercial equip. merchant wholesalers	377	4,606	53,545
4235	Metal and mineral merchant wholesalers	52	410	52,830
4236	Electric goods merchant wholesalers	281	2,029	51,821
4237	Hardware and plumbing merchant wholesalers	143	1,611	64,306
4238	Machinery and supply merchant wholesalers	260	2,771	64,483
4239	Misc. durable goods merchant wholesalers	440	3,495	47,699
4241	Paper and paper product merchant wholesalers	95	969	47,018
4242	Druggists' goods merchant wholesalers	103	719	65,509
4243	Apparel and piece goods merchant wholesalers	383	2,902	46,908
4244	Grocery and related product wholesalers	391	6,448	49,830
4245	Farm product raw material merch. whls.	5	127	not disclosed
4246	Chemical merchant wholesalers	65	707	60,408
4247	Petroleum merchant wholesalers	13	156	not disclosed
4248	Alcoholic beverage merchant wholesalers	22	438	45,168
4249	Misc. nondurable goods merchant wholesalers	779	3,975	37,686
4251	Electronic markets and agents and brokers	638	3,732	56,783
4411	Automobile dealers	150	5,959	55,853
4412	Other motor vehicle dealers	24	321	52,557
4413	Auto parts, accessories, and tire stores	306	2,520	31,226
4421	Furniture stores	95	982	30,340
4422	Home furnishings stores	136	1,169	25,668
4431	Electronics and appliance stores	316	3,063	48,378
4441	Building material and supplies dealers	212	3,877	28,838
4442	Lawn and garden equipment and supplies stores	51	370	29,272
4451	Grocery stores	431	14,672	24,441
4452	Specialty food stores	169	2,812	30,474
4453	Beer, wine, and liquor stores	132	527	15,382
4461	Health and personal care stores	596	5,490	37,442
4471	Gasoline stations	240	2,208	24,470
4481	Clothing stores	354	4,843	18,814
4482	Shoe stores	102	791	16,918
4483	Jewelry, luggage, and leather goods stores	116	456	30,729
4511	Sporting goods and musical instrument stores	201	2,489	18,504
4512	Book, periodical, and music stores	43	494	21,203
4521	Department stores	55	6,963	19,584
4529	Other general merchandise stores	158	5,829	23,442
4531	Florists	46	226	21,712
4532	Office supplies, stationery, and gift stores	174	1,432	23,056
4533	Used merchandise stores	57	577	20,135
4539	Other miscellaneous store retailers	182	1,559	28,624
4541	Electronic shopping and mail-order houses	154	1,492	39,767
4542	Vending machine operators	8	30	30,172
4543	Direct selling establishments	22	213	34,760
4811	Scheduled air transportation	5	36	52,175
4812	Nonscheduled air transportation	4	10	44,593
4831	Sea, coastal, and great lakes transportation	12	87	45,303
4832	Inland water transportation	2	2	not disclosed
4841	General freight trucking	318	2,489	38,219

Exhibit A-2 (continued)

NAICS	Description	Establishments	Employment	Average Annual Wage
4842	Specialized freight trucking	96	1,322	\$ 49,016
4851	Urban transit systems	11	434	26,158
4853	Taxi and limousine service	15	101	23,440
4854	School and employee bus transportation	12	688	24,470
4855	Charter bus industry	14	112	32,048
4859	Other ground passenger transportation	39	1,218	30,391
4869	Other pipeline transportation	2	3	not disclosed
4871	Scenic and sightseeing transportation, land	11	118	22,664
4881	Support activities for air transportation	12	131	41,984
4882	Support activities for rail transportation	1	217	not disclosed
4883	Support activities for water transportation	2	2	not disclosed
4884	Support activities for road transportation	54	670	28,361
4885	Freight transportation arrangement	187	1,116	51,293
4889	Other support activities for transportation	13	251	35,914
4911	Postal service	1	7	not disclosed
4921	Couriers and express delivery services	24	1,421	48,060
4922	Local messengers and local delivery	43	376	not disclosed
4931	Warehousing and storage	70	3,994	44,975
5111	Newspaper, book, and directory publishers	66	909	44,731
5112	Software publishers	16	290	100,584
5121	Motion picture and video industries	174	1,202	41,718
5122	Sound recording industries	22	66	42,945
5151	Radio and television broadcasting	17	349	53,409
5152	Cable and other subscription programming	8	145	51,605
5171	Wired telecommunications carriers	62	1,760	62,990
5172	Wireless telecommunications carriers	52	563	62,485
5174	Satellite telecommunications	19	108	71,987
5179	Other telecommunications	45	1,132	70,213
5182	Data processing, hosting and related services	33	1,604	88,510
5191	Other information services	45	1,738	80,559
5211	Monetary authorities - central bank	1	8	not disclosed
5221	Depository credit intermediation	481	12,058	64,573
5222	Nondepository credit intermediation	174	2,652	73,358
5223	Activities related to credit intermediation	174	3,014	67,141
5231	Securities and commodity contracts brokerage	120	952	130,012
5239	Other financial investment activities	353	2,079	201,356
5241	Insurance carriers	84	3,307	72,699
5242	Insurance agencies and brokerages	650	4,402	56,535
5251	Insurance and employee benefit funds	15	119	not disclosed
5259	Other investment pools and funds	46	171	51,763
5311	Lessors of real estate	465	1,513	32,157
5312	Offices of real estate agents and brokers	556	1,976	44,478
5313	Activities related to real estate	511	2,911	41,491
5321	Automotive equipment rental and leasing	64	380	41,217
5322	Consumer goods rental	69	504	27,089
5323	General rental centers	12	91	39,452
5324	Machinery and equipment rental and leasing	41	289	49,814
5331	Lessors of nonfinancial intangible assets	10	37	96,970
5411	Legal services	781	3,805	63,189
5412	Accounting and bookkeeping services	782	5,119	41,977
5413	Architectural and engineering services	529	5,769	84,720
5414	Specialized design services	245	1,429	not disclosed
5415	Computer systems design and related services	549	3,395	87,163
5416	Management and technical consulting services	1,300	6,589	55,587

Exhibit A-2 (continued)

NAICS	Description	Establishments	Employment	Average Annual Wage
5417	Scientific research and development services	122	6,142	not disclosed
5418	Advertising, pr, and related services	161	1,470	\$ 46,687
5419	Other professional and technical services	271	1,828	36,748
5511	Management of companies and enterprises	185	11,813	94,826
5611	Office administrative services	265	2,458	96,407
5612	Facilities support services	5	55	35,380
5613	Employment services	183	12,214	26,712
5614	Business support services	175	2,026	39,142
5615	Travel arrangement and reservation services	255	1,417	33,295
5616	Investigation and security services	155	4,258	26,646
5617	Services to buildings and dwellings	560	7,524	25,123
5619	Other support services	153	1,339	37,837
5621	Waste collection	31	1,201	59,471
5622	Waste treatment and disposal	12	522	53,859
5629	Remediation and other waste services	18	222	58,338
6111	Elementary and secondary schools	129	4,940	42,205
6112	Junior colleges	4	892	not disclosed
6113	Colleges and universities	45	10,306	50,756
6114	Business, computer and management training	31	459	not disclosed
6115	Technical and trade schools	38	823	48,320
6116	Other schools and instruction	296	2,873	19,785
6117	Educational support services	101	1,004	25,408
6211	Offices of physicians	1,856	14,162	75,494
6212	Offices of dentists	1,016	5,417	38,453
6213	Offices of other health practitioners	621	2,727	33,129
6214	Outpatient care centers	150	3,874	65,395
6215	Medical and diagnostic laboratories	95	1,444	43,488
6216	Home health care services	194	4,605	31,173
6219	Other ambulatory health care services	25	1,836	43,278
6221	General medical and surgical hospitals	24	21,430	66,116
6222	Psychiatric and substance abuse hospitals	4	813	38,174
6223	Other hospitals	8	1,110	52,649
6231	Nursing care facilities	113	8,488	30,383
6232	Residential mental health facilities	120	3,484	26,862
6233	Community care facilities for the elderly	139	4,018	24,095
6239	Other residential care facilities	57	1,973	35,377
6241	Individual and family services	264	5,842	30,607
6242	Emergency and other relief services	46	486	32,109
6243	Vocational rehabilitation services	48	1,466	21,885
6244	Child day care services	239	3,309	23,856
7111	Performing arts companies	39	253	37,573
7112	Spectator sports	84	1,711	66,910
7113	Promoters of performing arts and sports	19	234	28,884
7114	Agents and managers for public figures	9	15	116,296
7115	Independent artists, writers, and performers	197	331	171,546
7121	Museums, historical sites, zoos, and parks	18	348	30,673
7131	Amusement parks and arcades	8	76	not disclosed
7132	Gambling industries	1	280	not disclosed
7139	Other amusement and recreation industries	171	3,893	18,627
7211	Traveler accommodation	179	4,379	28,688
7212	RV parks and recreational camps	6	41	not disclosed
7213	Rooming and boarding houses	3	50	not disclosed
7223	Special food services	100	1,169	22,860

Exhibit A-2 (continued)

NAICS	Description	Establishments	Employment	Average Annual Wage
7224	Drinking places, alcoholic beverages	75	588	\$ 16,523
7225	Restaurants	2948	48,667	16,618
8111	Automotive repair and maintenance	887	5,136	30,580
8112	Electronic equipment repair and maintenance	67	371	33,931
8113	Commercial machinery repair and maintenance	94	668	45,702
8114	Household goods repair and maintenance	79	274	25,894
8121	Personal care services	587	2,616	16,143
8122	Death care services	22	419	44,419
8123	Drycleaning and laundry services	178	1,561	23,583
8129	Other personal services	167	1,236	40,212
8131	Religious organizations	134	1,517	25,341
8132	Grantmaking and giving services	69	1,938	62,383
8133	Social advocacy organizations	56	873	32,599
8134	Civic and social organizations	80	2,496	21,785
8139	Professional and similar organizations	149	1,524	54,700
	Federal Government	51	4,076	67,137
	State Government	249	4,354	58,412
	Local Government	623	52,979	50,901
TOTAL		38,881	588,112	\$ 46,884

Source: CA EDD; Estimates by LAEDC

Exhibit A-3

Change in Employment in San Gabriel Valley by Industry Subsector 2002 to 2012

NAICS	Description	2012	2002	2002 to 2012 Change	
				Numerical	Percent
111	Crop Production	1,174	2,786	-1,612	-57.9%
112	Animal Production	28	34	-6	-16.9%
114	Forestry and Logging	17	15	2	15.0%
115	Support Activities for Agriculture and Forestry	97	115	-18	-16.0%
212	Mining (except Oil and Gas)	192	396	-204	-51.5%
213	Support Activities for Mining	22	5	17	340.0%
221	Utilities	5,776	5,507	269	4.9%
236	Construction of Buildings	4,591	5,654	-1,063	-18.8%
237	Heavy and Civil Engineering Construction	2,878	3,580	-702	-19.6%
238	Specialty Trade Contractors	13,885	18,940	-5,055	-26.7%
311	Food Manufacturing	7,013	8,214	-1,201	-14.6%
312	Beverage and Tobacco Product Manufacturing	657	1,168	-511	-43.8%
313	Textile Mills	354	1,032	-678	-65.7%
314	Textile Product Mills	297	984	-687	-69.8%
315	Apparel Manufacturing	5,173	11,780	-6,607	-56.1%
316	Leather and Allied Products Manufacturing	1,597	817	780	95.5%
321	Wood Product Manufacturing	494	1,160	-666	-57.4%
322	Paper Manufacturing	2,050	2,483	-433	-17.4%
323	Printing and Related Support Activities	2,711	4,554	-1,843	-40.5%
324	Petroleum and Coal Products Manufacturing	104	88	16	18.2%
325	Chemical Manufacturing	2,637	2,896	-259	-8.9%
326	Plastics and Rubber Products Manufacturing	3,787	5,780	-1,993	-34.5%
327	Nonmetallic Mineral Product Manufacturing	716	2,012	-1,296	-64.4%
331	Primary Metal Manufacturing	2,023	3,565	-1,542	-43.2%
332	Fabricated Metal Product Manufacturing	7,089	9,989	-2,900	-29.0%
333	Machinery Manufacturing	2,792	4,830	-2,038	-42.2%
334	Computer and Electronic Product Manufacturing	3,673	7,328	-3,655	-49.9%
335	Electrical Equipment, Appliance, and Component Man	2,640	3,737	-1,097	-29.4%
336	Transportation Equipment Manufacturing	3,156	3,282	-126	-3.8%
337	Furniture and Related Product Manufacturing	2,091	5,512	-3,421	-62.1%
339	Miscellaneous Manufacturing	3,540	5,050	-1,510	-29.9%
423	Merchant Wholesalers, Durable Goods	19,742	21,683	-1,941	-9.0%
424	Merchant Wholesalers, Nondurable Goods	16,441	11,534	4,907	42.5%
425	Wholesale Electronic Markets and Agents and Broker	3,732	3,556	176	4.9%
441	Motor Vehicle and Parts Dealers	8,800	10,897	-2,097	-19.2%
442	Furniture and Home Furnishings Stores	2,151	2,532	-381	-15.0%
443	Electronics and Appliance Stores	3,063	4,382	-1,319	-30.1%
444	Building Material and Garden Equipment and Supplies	4,247	4,242	5	0.1%
445	Food and Beverage Stores	18,011	14,885	3,126	21.0%
446	Health and Personal Care Stores	5,490	4,991	499	10.0%
447	Gasoline Stations	2,208	1,962	246	12.5%
448	Clothing and Clothing Accessories Stores	6,090	5,834	256	4.4%
451	Sporting Goods, Hobby, Book, and Music Stores	2,983	3,490	-507	-14.5%
452	General Merchandise Stores	12,792	10,164	2,628	25.9%
453	Miscellaneous Store Retailers	3,794	4,485	691	-15.4%
454	Nonstore Retailers	1,735	974	761	78.1%
481	Air Transportation	46	95	49	-51.8%
483	Water Transportation	89	42	47	113.0%
484	Truck Transportation	3,811	3,899	-88	-2.3%
485	Transit and Ground Passenger Transportation	2,553	2,056	497	24.2%
486	Pipeline Transportation	3	not in area	3	100.0%
487	Scenic and Sightseeing Transportation	118	11	107	958.9%
488	Support Activities for Transportation	2,387	1,450	936	64.6%
491	Postal Service	7	7	0	0.0%

Exhibit A-3 (continued)

NAICS	Description	2012	2002	<u>2002 to 2012 Change</u>	
				Numerical	Percent
492	Couriers and Messengers	1,797	1,808	11	-0.6%
493	Warehousing and Storage	3,994	4,042	-48	-1.2%
511	Publishing Industries (except Internet)	1,199	2,000	-801	-40.1%
512	Motion Picture and Sound Recording Industries	1,268	1,606	-338	-21.0%
515	Broadcasting (except Internet)	494	458	36	7.9%
517	Telecommunications	3,563	8,256	-4,693	-56.8%
518	Data Processing, Hosting, and Related Services	1,604	2,296	-692	-30.1%
519	Other Information Services	1,738	2,710	-972	-35.9%
521	Monetary Authorities – Central Bank	8	3	5	164.6%
522	Credit Intermediation and Related Activities	17,724	16,842	882	5.2%
523	Securities, Commodities and Other Financial	3,031	3,070	-39	-1.3%
524	Insurance Carriers and Related Activities	7,709	7,349	360	4.9%
525	Funds, Trusts, and Other Financial Vehicles	290	367	-77	-21.0%
531	Real Estate	6,400	5,815	585	10.1%
532	Rental and Leasing Services	1,264	2,180	-916	-42.0%
533	Lessors of Nonfinancial Intangible Assets (except	37	81	-44	-54.3%
541	Professional, Scientific, and Technical Services	35,546	32,932	2,614	7.9%
551	Management of Companies and Enterprises	11,813	12,890	-1,077	-8.4%
561	Administrative and Support Services	31,291	36,916	-5,625	-15.2%
562	Waste Management and Remediation Services	1,945	1,913	32	1.7%
611	Educational Services	21,297	22,734	-1,437	-6.3%
621	Ambulatory Health Care Services	34,065	22,756	11,309	49.7%
622	Hospitals	23,353	20,395	2,958	14.5%
623	Nursing and Residential Care Facilities	17,963	15,743	2,220	14.1%
624	Social Assistance	11,103	7,939	3,164	39.9%
711	Performing Arts, Spectator Sports, and Related	2,544	2,844	300	-10.5%
712	Museums, Historical Sites, and Similar Institution	348	324	24	7.4%
713	Amusement, Gambling, and Recreation Industries	4,249	3,826	423	11.1%
721	Accommodation	4,470	4,041	429	10.6%
722	Food Services and Drinking Places	50,424	42,484	7,940	18.7%
811	Repair and Maintenance	6,449	8,134	-1,685	-20.7%
812	Personal and Laundry Services	5,832	4,733	1,099	23.2%
813	Religious, Grantmaking, Civic, Profess'l, Social	8,348	6,880	1,468	21.3%
931	Federal Government	4,076	3,450	626	18.1%
932	State Government	4,354	5,326	-972	-18.3%
933	Local Government	52,979	61,135	-8,156	-13.3%
TOTAL		588,112	612,746	-24,624	-4.0%

Source: CA EDD; Estimates by LAEDC

Exhibit A-4

Change in Employment in San Gabriel Valley by Industry Group 2002 to 2012

NAICS	Description	2012	2002	2002 to 2012 Change	
				Numerical	Percent
1111	Oilseed and grain farming	9	5	4	72.5%
1112	Vegetable and melon farming	39	10	29	290.0%
1113	Fruit and tree nut farming	30	67	-37	-55.2%
1114	Greenhouse and nursery production	1,079	2,670	-1,591	-59.6%
1119	Other crop farming	17	34	-17	-49.3%
1121	Cattle ranching and farming	17	5	12	245.0%
1122	Hog and pig farming	not in area	not in area	-	-
1123	Poultry and egg production	not in area	5	-5	-100.0%
1124	Sheep and goat farming	not in area	not in area	-	-
1125	Aquaculture	not in area	5	-5	-100.0%
1129	Other animal production	11	19	-8	-42.1%
1131	Timber tract operations	not in area	not in area	-	-
1132	Forest nursery and gathering forest products	17	5	12	245.0%
1133	Logging	not in area	10	-10	-100.0%
1141	Fishing	not in area	not in area	-	-
1142	Hunting and trapping	not in area	not in area	-	-
1151	Support activities for crop production	9	15	-6	-42.5%
1152	Support activities for animal production	58	95	-37	-38.9%
1153	Support activities for forestry	30	5	25	500.0%
2111	Oil and gas extraction	not in area	2	-2	-100.0%
2121	Coal mining	not in area	not in area	-	-
2122	Metal ore mining	not in area	not in area	-	-
2123	Nonmetallic mineral mining and quarrying	192	396	-204	-51.5%
2131	Support activities for mining	22	5	17	340.0%
2211	Power generation and supply	4,247	4,071	176	4.3%
2212	Natural gas distribution	1,165	1,050	115	11.0%
2213	Water, sewage and other systems	364	386	-22	-5.7%
2361	Residential building construction	2,575	3,060	-485	-15.8%
2362	Nonresidential building construction	2,016	2,594	-578	-22.3%
2371	Utility system construction	1,895	775	1,120	144.5%
2372	Land subdivision	151	309	-158	-51.1%
2373	Highway, street, and bridge construction	474	1,254	-780	-62.2%
2379	Other heavy construction	358	1,242	-884	-71.2%
2381	Building foundation and exterior contractors	3,163	3,797	-634	-16.7%
2382	Building equipment contractors	5,724	5,232	492	9.4%
2383	Building finishing contractors	3,305	7,705	-4,400	-57.1%
2389	Other specialty trade contractors	1,693	2,206	-513	-23.3%
3111	Animal food manufacturing	55	263	-208	-79.1%
3112	Grain and oilseed milling	106	611	-505	-82.7%
3113	Sugar and confectionery product manufacturing	378	319	59	18.5%
3114	Fruit and vegetable preserving and specialty	600	944	-344	-36.4%
3115	Dairy product manufacturing	1,589	1,957	-368	-18.8%
3116	Animal slaughtering and processing	600	998	-398	-39.9%
3117	Seafood product preparation and packaging	14	43	-29	-67.4%
3118	Bakeries and tortilla manufacturing	1,948	2,183	-235	-10.8%
3119	Other food manufacturing	1,723	896	827	92.3%
3121	Beverage manufacturing	657	1,168	-511	-43.8%
3122	Tobacco manufacturing	not in area	not in area	-	-
3131	Fiber, yarn, and thread mills	8	46	-38	-82.8%
3132	Fabric mills	240	601	-361	-60.1%
3133	Textile and fabric finishing mills	106	385	-279	-72.5%
3141	Textile furnishings mills	140	716	-576	-80.4%

Exhibit A-4 (continued)

NAICS	Description	2012	2002	2002 to 2012 Change	
				Numerical	Percent
3149	Other textile product mills	157	268	-111	-41.4%
3151	Apparel knitting mills	133	637	-504	-79.1%
3152	Cut and sew apparel manufacturing	5,034	10,426	-5,392	-51.7%
3159	Accessories and other apparel manufacturing	6	717	-711	-99.2%
3161	Leather and hide tanning and finishing	not in area	56	-56	-100.0%
3162	Footwear manufacturing	111	166	-55	-33.1%
3169	Other leather product manufacturing	1,486	595	891	149.7%
3211	Sawmills and wood preservation	not in area	6	-6	-100.0%
3212	Plywood and engineered wood product mfg.	61	60	1	1.7%
3219	Other wood product manufacturing	433	1,094	-661	-60.4%
3221	Pulp, paper, and paperboard mills	150	296	-146	-49.3%
3222	Converted paper product manufacturing	1,900	2,187	-287	-13.1%
3231	Printing and related support activities	2,711	4,554	-1,843	-40.5%
3241	Petroleum and coal products manufacturing	104	88	16	18.2%
3251	Basic chemical manufacturing	178	207	-29	-14.0%
3252	Resin, rubber, and artificial fibers mfg.	330	110	220	200.0%
3253	Agricultural chemical manufacturing	not in area	18	-18	-100.0%
3254	Pharmaceutical and medicine manufacturing	1,241	1,009	232	23.0%
3255	Paint, coating, and adhesive manufacturing	173	232	-59	-25.4%
3256	Soap, cleaning compound, and toiletry mfg.	501	914	-413	-45.2%
3259	Other chemical product and preparation mfg.	214	406	-192	-47.3%
3261	Plastics product manufacturing	3,475	5,420	-1,945	-35.9%
3262	Rubber product manufacturing	312	360	-48	-13.3%
3271	Clay product and refractory manufacturing	132	314	-182	-58.0%
3272	Glass and glass product manufacturing	233	901	-668	-74.1%
3273	Cement and concrete product manufacturing	273	505	-232	-45.9%
3274	Lime and gypsum product manufacturing	17	105	-88	-83.8%
3279	Other nonmetallic mineral products	61	187	-126	-67.4%
3311	Iron and steel mills and ferroalloy mfg.	427	409	18	4.4%
3312	Steel product mfg. from purchased steel	308	413	-105	-25.3%
3313	Alumina and aluminum production	320	810	-490	-60.5%
3314	Other nonferrous metal production	346	415	-69	-16.6%
3315	Foundries	622	1,518	-896	-59.0%
3321	Forging and stamping	746	895	-149	-16.6%
3322	Cutlery and handtool manufacturing	394	669	-275	-41.1%
3323	Architectural and structural metals mfg.	891	1,331	-440	-33.1%
3324	Boiler, tank, and shipping container mfg.	202	126	76	60.3%
3325	Hardware manufacturing	342	642	-300	-46.7%
3326	Spring and wire product manufacturing	336	320	16	5.0%
3327	Machine shops and threaded product mfg.	2,030	2,527	-497	-19.7%
3328	Coating, engraving, and heat treating metals	827	1,227	-400	-32.6%
3329	Other fabricated metal product manufacturing	1,321	2,252	-931	-41.3%
3331	Ag., construction, and mining machinery mfg.	41	658	-617	-93.8%
3332	Industrial machinery manufacturing	718	1,008	-290	-28.8%
3333	Commercial and service industry machinery	146	460	-314	-68.3%
3334	Hvac and commercial refrigeration equipment	208	275	-67	-24.4%
3335	Metalworking machinery manufacturing	767	1,149	-382	-33.2%
3336	Turbine and power transmission equipment mfg.	100	94	6	6.4%
3339	Other general purpose machinery manufacturing	812	1,186	-374	-31.5%
3341	Computer and peripheral equipment mfg.	105	527	-422	-80.1%
3342	Communications equipment manufacturing	950	1,002	-52	-5.2%
3343	Audio and video equipment manufacturing	29	241	-212	-88.0%

Exhibit A-4 (continued)

NAICS	Description	2012	2002	2002 to 2012 Change	
				Numerical	Percent
3344	Semiconductor and electronic component mfg.	1,143	1,773	-630	-35.5%
3345	Electronic instrument manufacturing	1,437	3,649	-2,212	-60.6%
3346	Magnetic media manufacturing and reproducing	9	136	-127	-93.4%
3351	Electric lighting equipment manufacturing	771	2,243	-1,472	-65.6%
3352	Household appliance manufacturing	444	113	331	291.4%
3353	Electrical equipment manufacturing	768	633	135	21.3%
3359	Other electrical equipment and component mfg.	657	748	-91	-12.2%
3361	Motor vehicle manufacturing	3	3	0	17.9%
3362	Motor vehicle body and trailer manufacturing	397	537	-140	-26.1%
3363	Motor vehicle parts manufacturing	492	1,318	-826	-62.7%
3364	Aerospace product and parts manufacturing	2,214	1,270	944	74.3%
3365	Railroad rolling stock manufacturing	not in area	not in area	-	-
3366	Ship and boat building	8	38	-30	-78.8%
3369	Other transportation equipment manufacturing	42	117	-75	-64.1%
3371	Household and institutional furniture mfg.	1,742	4,128	-2,386	-57.8%
3372	Office furniture and fixtures manufacturing	213	1,011	-798	-78.9%
3379	Other furniture related product manufacturing	136	373	-237	-63.5%
3391	Medical equipment and supplies manufacturing	2,704	3,292	-588	-17.9%
3399	Other miscellaneous manufacturing	836	1,758	-922	-52.4%
4231	Motor vehicle and parts merchant wholesalers	2,176	2,272	-96	-4.2%
4232	Furniture and furnishing merchant wholesalers	1,500	1,794	-294	-16.4%
4233	Lumber and const. supply merchant wholesalers	1,144	809	335	41.4%
4234	Commercial equip. merchant wholesalers	4,606	6,549	-1,943	-29.7%
4235	Metal and mineral merchant wholesalers	410	472	-62	-13.1%
4236	Electric goods merchant wholesalers	2,029	2,339	-310	-13.3%
4237	Hardware and plumbing merchant wholesalers	1,611	1,336	275	20.6%
4238	Machinery and supply merchant wholesalers	2,771	2,808	-37	-1.3%
4239	Misc. durable goods merchant wholesalers	3,495	3,304	191	5.8%
4241	Paper and paper product merchant wholesalers	969	1,132	-163	-14.4%
4242	Druggists' goods merchant wholesalers	719	634	85	13.4%
4243	Apparel and piece goods merchant wholesalers	2,902	2,498	404	16.2%
4244	Grocery and related product wholesalers	6,448	3,424	3,024	88.3%
4245	Farm product raw material merch. whls.	127	139	-12	-8.8%
4246	Chemical merchant wholesalers	707	637	70	11.0%
4247	Petroleum merchant wholesalers	156	189	-33	-17.3%
4248	Alcoholic beverage merchant wholesalers	438	286	152	53.1%
4249	Misc. nondurable goods merchant wholesalers	3,975	2,595	1,380	53.2%
4251	Electronic markets and agents and brokers	3,732	3,556	176	4.9%
4411	Automobile dealers	5,959	8,113	-2,154	-26.5%
4412	Other motor vehicle dealers	321	434	-113	-26.0%
4413	Auto parts, accessories, and tire stores	2,520	2,350	170	7.2%
4421	Furniture stores	982	1,382	-400	-28.9%
4422	Home furnishings stores	1,169	1,150	19	1.7%
4431	Electronics and appliance stores	3,063	4,382	-1,319	-30.1%
4441	Building material and supplies dealers	3,877	3,934	-57	-1.4%
4442	Lawn and garden equipment and supplies stores	370	308	62	20.1%
4451	Grocery stores	14,672	11,544	3,128	27.1%
4452	Specialty food stores	2,812	2,870	-58	-2.0%
4453	Beer, wine, and liquor stores	527	471	56	11.9%
4461	Health and personal care stores	5,490	4,991	499	10.0%
4471	Gasoline stations	2,208	1,962	246	12.5%
4481	Clothing stores	4,843	4,528	315	7.0%

Exhibit A-4 (continued)

NAICS	Description	2012	2002	2002 to 2012 Change	
				Numerical	Percent
4482	Shoe stores	791	754	37	4.9%
4483	Jewelry, luggage, and leather goods stores	456	552	-96	-17.4%
4511	Sporting goods and musical instrument stores	2,489	2,583	-94	-3.6%
4512	Book, periodical, and music stores	494	907	-413	-45.5%
4521	Department stores	6,963	7,600	-637	-8.4%
4529	Other general merchandise stores	5,829	2,564	3,265	127.3%
4531	Florists	226	437	-211	-48.3%
4532	Office supplies, stationery, and gift stores	1,432	2,248	-816	-36.3%
4533	Used merchandise stores	577	488	89	18.2%
4539	Other miscellaneous store retailers	1,559	1,312	247	18.8%
4541	Electronic shopping and mail-order houses	1,492	301	1,191	395.7%
4542	Vending machine operators	30	40	-10	-25.0%
4543	Direct selling establishments	213	633	-420	-66.4%
4811	Scheduled air transportation	36	87	-51	-58.8%
4812	Nonscheduled air transportation	10	8	2	25.0%
4821	Rail transportation	not in area	not in area	-	-
4831	Sea, coastal, and great lakes transportation	87	39	48	123.1%
4832	Inland water transportation	2	3	-1	-28.2%
4841	General freight trucking	2,489	2,039	450	22.1%
4842	Specialized freight trucking	1,322	1,860	-538	-28.9%
4851	Urban transit systems	434	560	-126	-22.5%
4852	Interurban and rural bus transportation	not in area	41	-41	-100.0%
4853	Taxi and limousine service	101	171	-70	-40.9%
4854	School and employee bus transportation	688	907	-219	-24.1%
4855	Charter bus industry	112	110	2	1.8%
4859	Other ground passenger transportation	1,218	267	951	356.2%
4861	Pipeline transportation of crude oil	not in area	not in area	-	-
4862	Pipeline transportation of natural gas	not in area	not in area	-	-
4869	Other pipeline transportation	3	not in area	3	100.0%
4871	Scenic and sightseeing transportation, land	118	6	112	2,017.8%
4872	Scenic and sightseeing transportation, water	not in area	6	-6	-100.0%
4879	Scenic and sightseeing transportation, other	not in area	not in area	-	-
4881	Support activities for air transportation	131	57	74	129.8%
4882	Support activities for rail transportation	217	198	18	9.2%
4883	Support activities for water transportation	2	66	-64	-97.0%
4884	Support activities for road transportation	670	463	207	44.7%
4885	Freight transportation arrangement	1,116	589	527	89.5%
4889	Other support activities for transportation	251	77	174	226.0%
4911	Postal service	7	7	0	0.0%
4921	Couriers and express delivery services	1,421	1,642	-221	-13.5%
4922	Local messengers and local delivery	376	166	210	126.5%
4931	Warehousing and storage	3,994	4,042	-48	-1.2%
5111	Newspaper, book, and directory publishers	909	1,617	-708	-43.8%
5112	Software publishers	290	383	-93	-24.3%
5121	Motion picture and video industries	1,202	1,467	-265	-18.1%
5122	Sound recording industries	66	139	-73	-52.5%
5151	Radio and television broadcasting	349	164	185	112.8%
5152	Cable and other subscription programming	145	294	-149	-50.7%
5171	Wired telecommunications carriers	1,760	1,806	-46	-2.5%
5172	Wireless telecommunications carriers	563	261	302	115.7%
5174	Satellite telecommunications	108	1,018	-910	-89.4%
5179	Other telecommunications	1,132	5,171	-4,039	-78.1%

Exhibit A-4 (continued)

NAICS	Description	2012	2002	2002 to 2012 Change	
				Numerical	Percent
5182	Data processing, hosting and related services	1,604	2,296	-692	-30.1%
5191	Other information services	1,738	2,710	-972	-35.9%
5211	Monetary authorities - central bank	8	3	5	164.6%
5221	Depository credit intermediation	12,058	11,690	368	3.1%
5222	Nondepository credit intermediation	2,652	4,291	-1,639	-38.2%
5223	Activities related to credit intermediation	3,014	861	2,153	250.1%
5231	Securities and commodity contracts brokerage	952	870	82	9.4%
5232	Securities and commodity exchanges	not in area	3	-3	-100.0%
5239	Other financial investment activities	2,079	2,197	-118	-5.4%
5241	Insurance carriers	3,307	3,068	239	7.8%
5242	Insurance agencies and brokerages	4,402	4,281	121	2.8%
5251	Insurance and employee benefit funds	119	307	-188	-61.2%
5259	Other investment pools and funds	171	60	111	185.0%
5311	Lessors of real estate	1,513	1,960	-447	-22.8%
5312	Offices of real estate agents and brokers	1,976	1,658	318	19.2%
5313	Activities related to real estate	2,911	2,197	714	32.5%
5321	Automotive equipment rental and leasing	380	605	-225	-37.2%
5322	Consumer goods rental	504	1,262	-758	-60.1%
5323	General rental centers	91	124	-33	-26.6%
5324	Machinery and equipment rental and leasing	289	189	100	52.9%
5331	Lessors of nonfinancial intangible assets	37	81	-44	-54.3%
5411	Legal services	3,805	3,555	250	7.0%
5412	Accounting and bookkeeping services	5,119	4,099	1,020	24.9%
5413	Architectural and engineering services	5,769	6,345	-576	-9.1%
5414	Specialized design services	1,429	1,017	412	40.5%
5415	Computer systems design and related services	3,395	3,690	-295	-8.0%
5416	Management and technical consulting services	6,589	3,747	2,842	75.8%
5417	Scientific research and development services	6,142	1,664	4,478	269.1%
5418	Advertising, pr, and related services	1,470	1,737	-267	-15.4%
5419	Other professional and technical services	1,828	7,078	-5,250	-74.2%
5511	Management of companies and enterprises	11,813	12,890	-1,077	-8.4%
5611	Office administrative services	2,458	1,985	473	23.8%
5612	Facilities support services	55	24	31	125.1%
5613	Employment services	12,214	17,492	-5,278	-30.2%
5614	Business support services	2,026	2,433	-407	-16.7%
5615	Travel arrangement and reservation services	1,417	1,509	-92	-6.1%
5616	Investigation and security services	4,258	4,966	-708	-14.3%
5617	Services to buildings and dwellings	7,524	7,491	33	0.4%
5619	Other support services	1,339	1,016	323	31.8%
5621	Waste collection	1,201	430	771	179.6%
5622	Waste treatment and disposal	522	744	-222	-29.8%
5629	Remediation and other waste services	222	739	-517	-70.0%
6111	Elementary and secondary schools	4,940	4,377	563	12.9%
6112	Junior colleges	892	6,148	-5,256	-85.5%
6113	Colleges and universities	10,306	8,874	1,432	16.1%
6114	Business, computer and management training	459	284	175	61.5%
6115	Technical and trade schools	823	501	322	64.3%
6116	Other schools and instruction	2,873	2,160	713	33.0%
6117	Educational support services	1,004	390	614	157.4%
6211	Offices of physicians	14,162	9,106	5,056	55.5%
6212	Offices of dentists	5,417	4,584	833	18.2%
6213	Offices of other health practitioners	2,727	2,824	-97	-3.4%

Exhibit A-4 (continued)

NAICS	Description	2012	2002	2002 to 2012 Change	
				Numerical	Percent
6214	Outpatient care centers	3,874	2,079	1,795	86.3%
6215	Medical and diagnostic laboratories	1,444	837	607	72.5%
6216	Home health care services	4,605	2,634	1,971	74.8%
6219	Other ambulatory health care services	1,836	692	1,144	165.3%
6221	General medical and surgical hospitals	21,430	19,630	1,800	9.2%
6222	Psychiatric and substance abuse hospitals	813	451	362	80.3%
6223	Other hospitals	1,110	314	796	253.6%
6231	Nursing care facilities	8,488	7,204	1,284	17.8%
6232	Residential mental health facilities	3,484	3,595	-111	-3.1%
6233	Community care facilities for the elderly	4,018	2,476	1,542	62.3%
6239	Other residential care facilities	1,973	2,468	-495	-20.1%
6241	Individual and family services	5,842	2,645	3,197	120.9%
6242	Emergency and other relief services	486	49	437	890.5%
6243	Vocational rehabilitation services	1,466	1,767	-301	-17.0%
6244	Child day care services	3,309	3,478	-169	-4.9%
7111	Performing arts companies	253	492	-239	-48.6%
7112	Spectator sports	1,711	1,780	-69	-3.9%
7113	Promoters of performing arts and sports	234	167	67	40.1%
7114	Agents and managers for public figures	15	58	-43	-74.1%
7115	Independent artists, writers, and performers	331	347	-16	-4.6%
7121	Museums, historical sites, zoos, and parks	348	324	24	7.4%
7131	Amusement parks and arcades	76	157	-81	-51.3%
7132	Gambling industries	280	5	275	5,491.8%
7139	Other amusement and recreation industries	3,893	3,664	229	6.3%
7211	Traveler accommodation	4,379	3,916	463	11.8%
7212	Rv parks and recreational camps	41	71	-30	-42.8%
7213	Rooming and boarding houses	50	54	-4	-6.7%
7223	Special food services	1,169	1,269	-100	-7.9%
7224	Drinking places, alcoholic beverages	588	711	-123	-17.3%
7225	Restaurants	48,667	40,504	8,163	20.2%
8111	Automotive repair and maintenance	5,136	6,594	-1,458	-22.1%
8112	Electronic equipment repair and maintenance	371	496	-125	-25.2%
8113	Commercial machinery repair and maintenance	668	544	124	22.8%
8114	Household goods repair and maintenance	274	500	-226	-45.2%
8121	Personal care services	2,616	2,230	386	17.3%
8122	Death care services	419	281	138	49.1%
8123	Drycleaning and laundry services	1,561	1,486	75	5.0%
8129	Other personal services	1,236	736	500	67.9%
8131	Religious organizations	1,517	1,444	73	5.1%
8132	Grantmaking and giving services	1,938	2,322	-384	-16.5%
8133	Social advocacy organizations	873	545	328	60.2%
8134	Civic and social organizations	2,496	1,559	937	60.1%
8139	Professional and similar organizations	1,524	1,010	514	50.9%
	Federal Government	4,076	3,450	626	18.1%
	State Government	4,354	5,326	-972	-18.3%
	Local Government	52,979	61,135	-8,156	-13.3%
TOTAL		588,112	612,746	-24,634	-4.0%

Source: CA EDD; Estimates by LAEDC

Exhibit A-5**Change in Location Quotients of Industry Subsectors in San Gabriel Valley 2002 and 2012
(vs. California)**

NAICS	Description	2012	2002	<u>2002 to 2012</u>
				<u>LQ Change</u> Percent
111	Crop Production	0.2	0.4	-52.6%
112	Animal Production	0.0	0.0	-11.7%
113	Forestry and Logging	0.2	0.1	51.7%
115	Support Activities for Agriculture and Forestry	0.0	0.0	-30.6%
212	Mining (except Oil and Gas)	0.9	1.5	-38.7%
213	Support Activities for Mining	0.0	0.0	152.6%
221	Utilities	2.4	2.4	1.4%
236	Construction of Buildings	0.8	0.8	8.2%
237	Heavy and Civil Engineering Construction	1.0	1.0	-1.1%
238	Specialty Trade Contractors	0.9	0.9	2.1%
311	Food Manufacturing	1.2	1.3	-7.9%
312	Beverage and Tobacco Product Manufacturing	0.4	0.8	-55.1%
313	Textile Mills	1.0	1.7	-39.6%
314	Textile Product Mills	0.9	1.3	-34.0%
315	Apparel Manufacturing	2.3	3.0	-23.7%
316	Leather and Allied Product Manufacturing	11.4	3.5	222.1%
321	Wood Product Manufacturing	0.6	0.7	-9.7%
322	Paper Manufacturing	2.4	1.9	25.8%
323	Printing and Related Support Activities	1.6	1.5	3.0%
324	Petroleum and Coal Products Manufacturing	0.2	0.1	30.0%
325	Chemical Manufacturing	0.9	0.9	-0.6%
326	Plastics and Rubber Products Manufacturing	2.1	2.2	-2.6%
327	Nonmetallic Mineral Product Manufacturing	0.6	1.0	-39.8%
331	Primary Metal Manufacturing	2.5	3.2	-20.3%
332	Fabricated Metal Product Manufacturing	1.4	1.6	-13.3%
333	Machinery Manufacturing	1.0	1.2	-22.6%
334	Computer and Electronic Product Manufacturing	0.3	0.5	-30.4%
335	Electrical Equipment, Appliance, and Component Man	2.2	2.3	-0.3%
336	Transportation Equipment Manufacturing	0.8	0.6	34.3%
337	Furniture and Related Product Manufacturing	1.7	1.9	-14.8%
339	Miscellaneous Manufacturing	1.1	1.3	-18.0%
423	Merchant Wholesalers, Durable Goods	1.5	1.5	4.4%
424	Merchant Wholesalers, Nondurable Goods	1.6	1.2	34.7%
425	Wholesale Electronic Markets and Agents and Broker	0.9	1.3	-33.3%
441	Motor Vehicle and Parts Dealers	1.3	1.3	2.3%
442	Furniture and Home Furnishings Stores	1.1	1.0	6.5%
443	Electronics and Appliance Stores	1.2	1.4	-13.8%
444	Building Material and Garden Equipment and Supplies	0.9	0.8	9.8%
445	Food and Beverage Stores	1.3	1.1	18.4%
446	Health and Personal Care Stores	1.3	1.1	11.0%
447	Gasoline Stations	1.1	0.8	28.5%
448	Clothing and Clothing Accessories Stores	0.8	0.8	-0.4%
451	Sporting Goods, Hobby, Book, and Music Stores	1.1	1.0	13.2%
452	General Merchandise Stores	1.1	1.0	6.8%
453	Miscellaneous Store Retailers	1.1	1.0	11.8%
454	Nonstore Retailers	1.1	0.7	50.2%
481	Air Transportation	0.0	0.0	-31.1%
483	Water Transportation	0.4	0.2	80.9%
484	Truck Transportation	0.9	0.8	3.0%
485	Transit and Ground Passenger Transportation	1.6	1.4	17.0%
486	Pipeline Transportation	0.0	0.0	-
487	Scenic and Sightseeing Transportation	0.7	0.1	831.6%
488	Support Activities for Transportation	0.7	0.5	58.5%

Exhibit A-5 (continued)

NAICS	Description	2012	2002	<u>002 to 2012</u>
				<u>LQ Change</u> Percent
491	Postal Service	0.3	0.3	-18.0%
492	Couriers and Messengers	0.8	0.6	28.5%
493	Warehousing and Storage	1.4	1.6	-14.0%
511	Publishing Industries (except Internet)	0.3	0.4	-20.2%
512	Motion Picture and Sound Recording Industries	0.2	0.3	-13.4%
515	Broadcasting (except Internet)	0.3	0.2	14.7%
517	Telecommunications	1.0	1.5	-32.6%
518	Data Processing, Hosting, and Related Services	1.9	1.1	82.7%
519	Other Information Services	0.9	6.9	-87.0%
521	Monetary Authorities – Central Bank	0.1	0.1	139.0%
522	Credit Intermediation and Related Activities	1.7	1.4	20.7%
523	Securities, Commodities and Other Financial	1.0	0.8	16.3%
524	Insurance Carriers and Related Activities	1.0	0.9	20.6%
525	Funds, Trusts, and Other Financial Vehicles	0.7	0.9	-24.4%
531	Real Estate	0.8	0.7	11.4%
532	Rental and Leasing Services	0.5	0.7	-17.2%
533	Lessors of Nonfinancial Intangible Assets (except	0.3	0.5	-39.9%
541	Professional, Scientific, and Technical Services	0.8	0.9	-8.1%
551	Management of Companies and Enterprises	1.4	1.1	28.5%
561	Administrative and Support Services	0.9	1.0	-10.4%
562	Waste Management and Remediation Services	1.1	1.3	-13.0%
611	Educational Services	1.7	2.5	-30.9%
621	Ambulatory Health Care Services	1.2	1.1	14.2%
622	Hospitals	1.5	1.4	9.5%
623	Nursing and Residential Care Facilities	1.7	1.7	3.1%
624	Social Assistance	1.2	1.0	15.8%
711	Performing Arts, Spectator Sports, and Related Ind	1.0	1.2	-14.9%
712	Museums, Historical Sites, and Similar Institution	0.5	0.6	-12.5%
713	Amusement, Gambling, and Recreation Industries	0.6	0.6	3.1%
721	Accommodation	0.6	0.5	8.3%
722	Food Services and Drinking Places	1.1	1.1	3.8%
811	Repair and Maintenance	1.1	1.2	-6.1%
812	Personal and Laundry Services	1.0	0.8	15.6%
813	Religious, Grantmaking, Civic, Profess'l and Social	1.4	1.1	20.6%
931	Federal Government	0.4	0.3	23.5%
932	State Government	0.2	0.3	-14.6%
933	Local Government	0.8	0.9	-4.9%
TOTAL		1.0	1.0	0.0%

Source: CA EDD; Estimates by LAEDC

Exhibit A-6

Change in Location Quotients of Industry Group in San Gabriel Valley 2002 and 2012
(vs. California)

NAICS	Description	2012	2002	2002 to 2012 Change	
				Numerical	Percent
1111	Oilseed and grain farming	0.1	0.0	0.0	39.1%
1112	Vegetable and melon farming	0.0	0.0	0.0	316.4%
1113	Fruit and tree nut farming	0.0	0.0	0.0	-59.1%
1114	Greenhouse and nursery production	1.0	1.8	-0.8	-44.9%
1119	Other crop farming	0.0	0.0	0.0	25.4%
1121	Cattle ranching and farming	0.0	0.0	0.0	243.4%
1122	Hog and pig farming	not in area	not in area	-	-
1123	Poultry and egg production	not in area	0.0	0.0	-100.0%
1124	Sheep and goat farming	not in area	not in area	-	-
1125	Aquaculture	not in area	0.2	-0.2	-100.0%
1129	Other animal production	0.1	0.2	-0.1	-37.5%
1131	Timber tract operations	not in area	not in area	-	-
1132	Forest nursery and gathering forest products	0.5	0.2	0.3	172.7%
1133	Logging	not in area	0.1	-0.1	-100.0%
1141	Fishing	not in area	not in area	-	-
1142	Hunting and trapping	not in area	not in area	-	-
1151	Support activities for crop production	0.0	0.0	0.0	-52.8%
1152	Support activities for animal production	0.5	0.8	-0.3	-33.6%
1153	Support activities for forestry	0.5	0.1	0.4	524.9%
2111	Oil and gas extraction	not in area	0.0	0.0	-100.0%
2121	Coal mining	not in area	not in area	-	-
2122	Metal ore mining	not in area	not in area	-	-
2123	Nonmetallic mineral mining and quarrying	1.1	1.6	-0.5	-30.0%
2131	Support activities for mining	0.0	0.0	0.0	152.6%
2211	Power generation and supply	4.7	5.5	-0.8	-13.9%
2212	Natural gas distribution	0.9	0.8	0.1	13.6%
2213	Water, sewage and other systems	1.9	1.5	0.4	24.3%
2361	Residential building construction	0.8	0.7	0.1	20.2%
2362	Nonresidential building construction	0.9	0.9	-0.1	-7.0%
2371	Utility system construction	1.3	0.6	0.7	121.5%
2372	Land subdivision	0.5	0.5	0.0	0.6%
2373	Highway, street, and bridge construction	0.6	1.0	-0.4	-43.9%
2379	Other heavy construction	1.0	2.6	-1.7	-63.6%
2381	Building foundation and exterior contractors	1.0	0.8	0.3	39.5%
2382	Building equipment contractors	0.9	0.7	0.2	23.5%
2383	Building finishing contractors	0.9	1.2	-0.3	-27.5%
2389	Other specialty trade contractors	0.8	0.9	0.0	-3.1%
3111	Animal food manufacturing	0.4	1.6	-1.2	-76.9%
3112	Grain and oilseed milling	0.7	2.8	-2.1	-76.6%
3113	Sugar and confectionery product manufacturing	1.5	0.8	0.7	89.2%
3114	Fruit and vegetable preserving and specialty	0.5	0.6	-0.1	-17.6%
3115	Dairy product manufacturing	2.3	2.9	-0.6	-20.1%
3116	Animal slaughtering and processing	0.7	1.1	-0.4	-35.9%
3117	Seafood product preparation and packaging	0.3	0.4	-0.1	-26.6%
3118	Bakeries and tortilla manufacturing	1.2	1.3	-0.1	-7.2%
3119	Other food manufacturing	1.7	1.2	0.5	39.5%
3121	Beverage manufacturing	0.4	0.8	-0.4	-51.7%
3122	Tobacco manufacturing	not in area	not in area	-	-
3131	Fiber, yarn, and thread mills	0.4	1.7	-1.3	-76.7%
3132	Fabric mills	3.0	2.9	0.1	2.9%
3133	Textile and fabric finishing mills	0.4	1.0	-0.6	-57.8%
3141	Textile furnishings mills	1.0	1.8	-0.8	-45.2%

Exhibit A-6 (continued)

NAICS	Description	2012	2002	2002 to 2012 Change	
				Numerical	Percent
3149	Other textile product mills	0.8	0.8	0.0	1.3%
3151	Apparel knitting mills	2.2	3.4	-1.2	-34.8%
3152	Cut and sew apparel manufacturing	2.3	2.9	-0.6	-19.3%
3159	Accessories and other apparel manufacturing	0.1	3.8	-3.7	-97.9%
3161	Leather and hide tanning and finishing	not in area	3.1	-3.1	-100.0%
3162	Footwear manufacturing	2.8	3.0	-0.2	-7.1%
3169	Other leather product manufacturing	15.8	3.8	12.0	317.7%
3211	Sawmills and wood preservation	not in area	0.0	0.0	-100.0%
3212	Plywood and engineered wood product mfg.	0.7	0.2	0.5	234.7%
3219	Other wood product manufacturing	0.8	1.0	-0.2	-21.8%
3221	Pulp, paper, and paperboard mills	3.4	2.2	1.2	54.3%
3222	Converted paper product manufacturing	2.3	1.9	0.5	25.2%
3231	Printing and related support activities	1.6	1.5	0.0	3.0%
3241	Petroleum and coal products manufacturing	0.2	0.1	0.0	30.0%
3251	Basic chemical manufacturing	1.0	0.8	0.2	32.2%
3252	Resin, rubber, and artificial fibers mfg.	2.7	0.6	2.1	351.4%
3253	Agricultural chemical manufacturing	not in area	0.2	-0.2	-100.0%
3254	Pharmaceutical and medicine manufacturing	0.7	0.6	0.1	15.0%
3255	Paint, coating, and adhesive manufacturing	0.9	0.9	0.0	-5.3%
3256	Soap, cleaning compound, and toiletry mfg.	1.1	1.7	-0.6	-35.2%
3259	Other chemical product and preparation mfg.	0.9	1.3	-0.4	-30.7%
3261	Plastics product manufacturing	2.2	2.3	-0.1	-2.6%
3262	Rubber product manufacturing	1.3	1.2	0.1	10.1%
3271	Clay product and refractory manufacturing	1.2	1.4	-0.2	-12.9%
3272	Glass and glass product manufacturing	0.9	1.9	-1.1	-55.6%
3273	Cement and concrete product manufacturing	0.5	0.6	-0.1	-11.8%
3274	Lime and gypsum product manufacturing	0.4	1.3	-0.9	-69.0%
3279	Other nonmetallic mineral products	0.3	0.7	-0.3	-49.3%
3311	Iron and steel mills and ferroalloy mfg.	3.0	3.3	-0.3	-9.6%
3312	Steel product mfg. from purchased steel	2.8	2.7	0.0	1.4%
3313	Alumina and aluminum production	2.0	3.0	-1.0	-34.1%
3314	Other nonferrous metal production	3.1	2.8	0.3	9.8%
3315	Foundries	2.3	3.6	-1.2	-35.1%
3321	Forging and stamping	2.0	2.1	-0.1	-6.1%
3322	Cutlery and handtool manufacturing	4.2	3.4	0.9	25.5%
3323	Architectural and structural metals mfg.	0.8	0.9	-0.1	-11.5%
3324	Boiler, tank, and shipping container mfg.	1.0	0.5	0.6	123.9%
3325	Hardware manufacturing	3.5	3.0	0.5	16.2%
3326	Spring and wire product manufacturing	2.8	1.6	1.2	72.9%
3327	Machine shops and threaded product mfg.	1.2	1.6	-0.4	-23.3%
3328	Coating, engraving, and heat treating metals	1.3	1.4	-0.1	-7.1%
3329	Other fabricated metal product manufacturing	1.9	2.6	-0.7	-27.1%
3331	Ag., construction, and mining machinery mfg.	0.2	2.9	-2.7	-93.7%
3332	Industrial machinery manufacturing	1.3	1.3	-0.1	-4.0%
3333	Commercial and service industry machinery	0.3	0.5	-0.1	-31.5%
3334	Hvac and commercial refrigeration equipment	1.0	1.0	0.0	2.5%
3335	Metalworking machinery manufacturing	1.6	2.0	-0.5	-22.5%
3336	Turbine and power transmission equipment mfg.	0.3	0.4	0.0	-0.9%
3339	Other general purpose machinery manufacturing	1.2	1.3	-0.1	-10.5%
3341	Computer and peripheral equipment mfg.	0.0	0.2	-0.1	-75.8%
3342	Communications equipment manufacturing	0.9	0.7	0.2	23.3%
3343	Audio and video equipment manufacturing	0.1	0.5	-0.4	-80.0%

Exhibit A-6 (continued)

NAICS	Description	2012	2002	2002 to 2012 Change	
				Numerical	Percent
3344	Semiconductor and electronic component mfg.	0.3	0.3	0.0	-7.9%
3345	Electronic instrument manufacturing	0.4	0.8	-0.4	-44.7%
3346	Magnetic media manufacturing and reproducing	0.0	0.3	-0.2	-84.7%
3351	Electric lighting equipment manufacturing	2.8	5.1	-2.3	-45.2%
3352	Household appliance manufacturing	7.7	1.0	6.6	634.3%
3353	Electrical equipment manufacturing	2.3	1.4	0.8	56.0%
3359	Other electrical equipment and component mfg.	1.3	1.1	0.2	18.1%
3361	Motor vehicle manufacturing	0.0	0.0	0.0	246.4%
3362	Motor vehicle body and trailer manufacturing	2.2	1.3	0.9	66.3%
3363	Motor vehicle parts manufacturing	1.0	1.3	-0.3	-23.6%
3364	Aerospace product and parts manufacturing	0.8	0.4	0.4	103.7%
3365	Railroad rolling stock manufacturing	not in area	not in area	-	-
3366	Ship and boat building	0.0	0.1	-0.1	-73.6%
3369	Other transportation equipment manufacturing	0.3	0.5	-0.2	-37.7%
3371	Household and institutional furniture mfg.	2.2	2.2	-0.1	-3.1%
3372	Office furniture and fixtures manufacturing	0.7	1.6	-0.9	-55.2%
3379	Other furniture related product manufacturing	0.9	1.2	-0.3	-24.3%
3391	Medical equipment and supplies manufacturing	1.3	1.6	-0.3	-20.4%
3399	Other miscellaneous manufacturing	0.7	1.0	-0.3	-27.2%
4231	Motor vehicle and parts merchant wholesalers	1.6	1.3	0.3	23.9%
4232	Furniture and furnishing merchant wholesalers	2.0	2.2	-0.1	-6.8%
4233	Lumber and const. supply merchant wholesalers	1.7	0.9	0.8	93.5%
4234	Commercial equip. merchant wholesalers	1.4	1.8	-0.4	-20.2%
4235	Metal and mineral merchant wholesalers	0.9	1.0	0.0	-4.0%
4236	Electric goods merchant wholesalers	1.1	1.1	0.0	-1.8%
4237	Hardware and plumbing merchant wholesalers	1.7	1.3	0.4	28.3%
4238	Machinery and supply merchant wholesalers	1.4	1.2	0.2	16.9%
4239	Misc. durable goods merchant wholesalers	1.9	1.8	0.1	7.8%
4241	Paper and paper product merchant wholesalers	1.8	1.6	0.2	12.4%
4242	Druggists' goods merchant wholesalers	0.8	0.7	0.1	17.5%
4243	Apparel and piece goods merchant wholesalers	2.2	2.1	0.2	8.2%
4244	Grocery and related product wholesalers	1.7	1.1	0.6	57.3%
4245	Farm product raw material merch. whls.	1.8	1.9	-0.1	-4.0%
4246	Chemical merchant wholesalers	1.5	1.2	0.3	28.5%
4247	Petroleum merchant wholesalers	0.6	0.6	0.0	-6.6%
4248	Alcoholic beverage merchant wholesalers	0.6	0.6	0.0	3.9%
4249	Misc. nondurable goods merchant wholesalers	2.0	1.2	0.8	60.7%
4251	Electronic markets and agents and brokers	0.9	1.3	-0.4	-33.3%
4411	Automobile dealers	1.4	1.4	0.0	-3.3%
4412	Other motor vehicle dealers	0.7	0.7	0.1	10.1%
4413	Auto parts, accessories, and tire stores	1.3	1.1	0.2	19.1%
4421	Furniture stores	1.1	1.2	-0.1	-7.3%
4422	Home furnishings stores	1.0	0.8	0.2	23.5%
4431	Electronics and appliance stores	1.2	1.3	-0.1	-8.3%
4441	Building material and supplies dealers	0.9	0.9	0.0	5.6%
4442	Lawn and garden equipment and supplies stores	0.9	0.5	0.3	61.9%
4451	Grocery stores	1.3	1.0	0.2	19.9%
4452	Specialty food stores	2.2	1.7	0.5	30.1%
4453	Beer, wine, and liquor stores	0.9	0.9	0.0	3.2%
4461	Health and personal care stores	1.3	1.1	0.1	11.0%
4471	Gasoline stations	1.1	0.8	0.2	28.5%
4481	Clothing stores	0.8	0.9	0.0	-1.1%

Exhibit A-6 (continued)

NAICS	Description	2012	2002	2002 to 2012 Change	
				Numerical	Percent
4482	Shoe stores	0.8	0.8	0.0	0.9%
4483	Jewelry, luggage, and leather goods stores	0.7	0.7	0.0	-0.2%
4511	Sporting goods and musical instrument stores	1.1	1.1	0.0	-3.8%
4512	Book, periodical, and music stores	1.1	0.8	0.3	39.3%
4521	Department stores	0.9	0.9	0.0	2.3%
4529	Other general merchandise stores	1.3	1.4	-0.1	-6.0%
4531	Florists	1.3	1.1	0.2	17.3%
4532	Office supplies, stationery, and gift stores	1.0	1.0	0.0	2.7%
4533	Used merchandise stores	1.0	0.9	0.1	6.8%
4539	Other miscellaneous store retailers	1.2	0.9	0.2	26.2%
4541	Electronic shopping and mail-order houses	1.3	0.4	0.9	204.0%
4542	Vending machine operators	0.5	0.4	0.1	35.9%
4543	Direct selling establishments	0.6	1.2	-0.6	-51.5%
4811	Scheduled air transportation	0.0	0.0	0.0	-40.4%
4812	Nonscheduled air transportation	0.1	0.0	0.0	52.8%
4821	Rail transportation	not in area	not in area		
4831	Sea, coastal, and great lakes transportation	0.4	0.2	0.2	86.0%
4832	Inland water transportation	0.1	0.1	0.0	-27.6%
4841	General freight trucking	0.9	0.8	0.1	13.8%
4842	Specialized freight trucking	0.9	1.0	-0.1	-8.6%
4851	Urban transit systems	2.2	3.8	-1.6	-42.8%
4852	Interurban and rural bus transportation	not in area	0.5	-0.5	-100.0%
4853	Taxi and limousine service	0.4	0.6	-0.2	-39.5%
4854	School and employee bus transportation	1.9	2.4	-0.4	-18.2%
4855	Charter bus industry	0.9	0.5	0.4	74.3%
4859	Other ground passenger transportation	2.1	0.7	1.4	196.7%
4861	Pipeline transportation of crude oil	not in area	not in area	-	-
4862	Pipeline transportation of natural gas	not in area	not in area	-	-
4869	Other pipeline transportation	0.1	not in area	0.1	100.0%
4871	Scenic and sightseeing transportation, land	1.7	0.1	1.6	1,131.5%
4872	Scenic and sightseeing transportation, water	not in area	0.1	-0.1	-100.0%
4879	Scenic and sightseeing transportation, other	not in area	not in area	-	-
4881	Support activities for air transportation	0.2	0.1	0.1	86.4%
4882	Support activities for rail transportation	3.8	7.9	-4.1	-52.1%
4883	Support activities for water transportation	0.0	0.1	-0.1	-97.0%
4884	Support activities for road transportation	1.2	0.8	0.4	53.6%
4885	Freight transportation arrangement	1.1	0.6	0.5	86.6%
4889	Other support activities for transportation	2.0	0.5	1.5	309.5%
4911	Postal service	0.3	0.3	-0.1	-18.0%
4921	Couriers and express delivery services	0.7	0.6	0.1	8.9%
4922	Local messengers and local delivery	1.2	0.4	0.9	245.8%
4931	Warehousing and storage	1.4	1.6	-0.2	-14.0%
5111	Newspaper, book, and directory publishers	0.7	0.6	0.0	4.1%
5112	Software publishers	0.1	0.2	0.0	-25.7%
5121	Motion picture and video industries	0.2	0.2	0.0	-12.2%
5122	Sound recording industries	0.4	0.4	0.0	-6.7%
5151	Radio and television broadcasting	0.3	0.1	0.2	120.4%
5152	Cable and other subscription programming	0.2	0.4	-0.2	-45.1%
5171	Wired telecommunications carriers	1.2	1.8	-0.7	-35.7%
5172	Wireless telecommunications carriers	0.8	0.2	0.6	281.8%
5174	Satellite telecommunications	0.9	1.9	-1.0	-52.2%
5179	Other telecommunications	0.9	1.8	-0.9	-50.6%

Exhibit A-6 (continued)

NAICS	Description	2012	2002	2002 to 2012 Change	
				Numerical	Percent
5182	Data processing, hosting and related services	1.9	2.7	-0.8	-28.6%
5191	Other information services	0.9	1.6	-0.7	-45.6%
5211	Monetary authorities - central bank	0.1	0.1	0.1	139.0%
5221	Depository credit intermediation	1.8	1.7	0.1	7.7%
5222	Nondepository credit intermediation	1.4	1.4	0.0	0.1%
5223	Activities related to credit intermediation	2.0	0.6	1.5	246.6%
5231	Securities and commodity contracts brokerage	0.7	0.4	0.3	64.9%
5232	Securities and commodity exchanges	not in area	0.1	-0.1	-100.0%
5239	Other financial investment activities	1.2	1.3	-0.2	-12.7%
5241	Insurance carriers	0.9	0.7	0.3	39.8%
5242	Insurance agencies and brokerages	1.2	1.1	0.0	3.7%
5251	Insurance and employee benefit funds	0.8	1.7	-0.9	-51.6%
5259	Other investment pools and funds	0.6	0.3	0.4	128.0%
5311	Lessors of real estate	0.6	0.7	-0.1	-9.0%
5312	Offices of real estate agents and brokers	1.2	0.9	0.3	33.7%
5313	Activities related to real estate	0.8	0.7	0.1	13.6%
5321	Automotive equipment rental and leasing	0.5	0.6	-0.1	-18.9%
5322	Consumer goods rental	0.7	0.9	-0.2	-26.2%
5323	General rental centers	0.5	0.4	0.2	56.1%
5324	Machinery and equipment rental and leasing	0.4	0.3	0.1	41.6%
5331	Lessors of nonfinancial intangible assets	0.3	0.5	-0.2	-39.9%
5411	Legal services	0.7	0.6	0.1	13.6%
5412	Accounting and bookkeeping services	1.1	0.9	0.1	14.7%
5413	Architectural and engineering services	0.9	1.0	-0.1	-8.2%
5414	Specialized design services	1.8	1.0	0.8	73.1%
5415	Computer systems design and related services	0.4	0.5	-0.1	-28.1%
5416	Management and technical consulting services	0.9	0.8	0.0	1.1%
5417	Scientific research and development services	1.2	0.4	0.8	180.7%
5418	Advertising, pr, and related services	0.6	0.7	-0.1	-9.8%
5419	Other professional and technical services	0.7	2.9	-2.3	-76.8%
5511	Management of companies and enterprises	1.4	1.1	0.3	28.5%
5611	Office administrative services	0.9	1.1	-0.3	-25.2%
5612	Facilities support services	0.2	0.1	0.1	166.9%
5613	Employment services	0.8	1.0	-0.2	-19.8%
5614	Business support services	0.9	1.0	-0.1	-9.2%
5615	Travel arrangement and reservation services	1.8	1.0	0.8	85.8%
5616	Investigation and security services	0.9	1.1	-0.2	-18.2%
5617	Services to buildings and dwellings	0.9	0.9	0.0	0.1%
5619	Other support services	1.1	0.8	0.3	30.7%
5621	Waste collection	1.7	1.4	0.3	24.6%
5622	Waste treatment and disposal	1.0	1.1	-0.1	-6.6%
5629	Remediation and other waste services	0.5	1.6	-1.1	-71.1%
6111	Elementary and secondary schools	1.4	1.8	-0.4	-20.9%
6112	Junior colleges	2.8	15.6	-12.7	-81.8%
6113	Colleges and universities	2.2	2.5	-0.2	-9.9%
6114	Business, computer and management training	1.8	0.6	1.2	211.3%
6115	Technical and trade schools	1.1	1.0	0.1	6.8%
6116	Other schools and instruction	1.3	1.6	-0.3	-16.8%
6117	Educational support services	1.5	1.3	0.2	15.5%
6211	Offices of physicians	1.3	0.9	0.4	41.3%
6212	Offices of dentists	1.2	1.1	0.1	8.4%
6213	Offices of other health practitioners	1.0	1.3	-0.3	-20.1%

Exhibit A-6 (continued)

NAICS	Description	2012	2002	2002 to 2012 Change	
				Numerical	Percent
6214	Outpatient care centers	0.9	1.3	-0.4	-31.4%
6215	Medical and diagnostic laboratories	1.1	1.0	0.2	16.0%
6216	Home health care services	1.6	1.7	-0.1	-4.2%
6219	Other ambulatory health care services	1.8	0.9	0.9	97.4%
6221	General medical and surgical hospitals	1.5	1.4	0.1	5.6%
6222	Psychiatric and substance abuse hospitals	2.9	1.6	1.2	74.9%
6223	Other hospitals	2.1	0.9	1.2	129.3%
6231	Nursing care facilities	1.7	1.7	0.0	-0.6%
6232	Residential mental health facilities	1.9	1.5	0.4	25.4%
6233	Community care facilities for the elderly	1.3	1.2	0.1	7.3%
6239	Other residential care facilities	3.4	2.8	0.5	18.1%
6241	Individual and family services	1.2	0.9	0.4	41.5%
6242	Emergency and other relief services	0.8	0.1	0.7	805.5%
6243	Vocational rehabilitation services	1.1	1.2	-0.1	-7.7%
6244	Child day care services	1.4	1.4	-0.1	-4.0%
7111	Performing arts companies	0.5	0.7	-0.3	-36.7%
7112	Spectator sports	2.7	3.0	-0.4	-12.6%
7113	Promoters of performing arts and sports	0.7	0.5	0.2	33.3%
7114	Agents and managers for public figures	0.0	0.3	-0.2	-83.1%
7115	Independent artists, writers, and performers	0.5	0.5	-0.1	-13.7%
7121	Museums, historical sites, zoos, and parks	0.5	0.6	-0.1	-12.5%
7131	Amusement parks and arcades	0.0	0.1	-0.1	-61.3%
7132	Gambling industries	0.5	0.0	0.5	4,960.2%
7139	Other amusement and recreation industries	0.8	0.8	0.0	3.5%
7211	Traveler accommodation	0.6	0.5	0.0	9.5%
7212	Rv parks and recreational camps	0.2	0.4	-0.2	-44.4%
7213	Rooming and boarding houses	1.0	1.0	0.0	-0.1%
7223	Special food services	0.6	0.7	-0.2	-22.7%
7224	Drinking places, alcoholic beverages	0.6	0.6	-0.1	-12.2%
7225	Restaurants	1.1	1.1	0.1	4.8%
8111	Automotive repair and maintenance	1.2	1.3	-0.1	-4.7%
8112	Electronic equipment repair and maintenance	0.8	0.9	-0.2	-17.1%
8113	Commercial machinery repair and maintenance	1.0	0.9	0.1	13.9%
8114	Household goods repair and maintenance	0.9	1.2	-0.3	-27.5%
8121	Personal care services	1.0	1.1	-0.1	-9.9%
8122	Death care services	1.0	0.6	0.4	61.7%
8123	Drycleaning and laundry services	1.1	0.9	0.3	28.2%
8129	Other personal services	0.8	0.5	0.3	57.4%
8131	Religious organizations	1.4	1.4	0.1	4.2%
8132	Grantmaking and giving services	2.0	2.2	-0.2	-10.1%
8133	Social advocacy organizations	1.0	0.7	0.3	43.9%
8134	Civic and social organizations	1.6	1.1	0.6	52.6%
8139	Professional and similar organizations	0.9	0.6	0.3	56.2%
	Federal Government	0.4	0.3	0.1	23.5%
	State Government	0.2	0.3	0.0	-14.6%
	Local Government	0.8	0.9	0.0	-4.9%
TOTAL		1.0	1.0	0.0	0.0%

Source: CA EDD; Estimates by LAEDC

Exhibit A-7**Establishments, Employment and Average Wages North SGV Sub-Region by Industry Subsector in 2012**

NAICS	Description	Establishments	Employment	Average Annual Wage
111	Crop Production	15	403	\$ 33,371
112	Animal Production	4	2	18,780
115	Support Activities for Agriculture and Forestry	13	48	38,152
212	Mining (except Oil and Gas)	3	63	73,312
213	Support Activities for Mining	4	8	70,502
221	Utilities	29	938	89,037
236	Construction of Buildings	364	2,513	61,612
237	Heavy and Civil Engineering Construction	45	593	85,561
238	Specialty Trade Contractors	527	4,257	52,828
311	Food Manufacturing	41	1,537	33,443
312	Beverage and Tobacco Product Manufacturing	3	20	nondisclosed
313	Textile Mills	5	55	28,703
314	Textile Product Mills	8	52	41,650
315	Apparel Manufacturing	24	182	22,653
316	Leather and Allied Product Manufacturing	1	35	nondisclosed
321	Wood Product Manufacturing	10	77	30,270
322	Paper Manufacturing	9	263	73,400
323	Printing and Related Support Activities	56	704	42,167
324	Petroleum and Coal Products Manufacturing	3	31	80,834
325	Chemical Manufacturing	19	367	85,677
326	Plastics and Rubber Products Manufacturing	18	461	35,542
327	Nonmetallic Mineral Product Manufacturing	13	121	62,221
331	Primary Metal Manufacturing	6	195	40,036
332	Fabricated Metal Product Manufacturing	86	1,413	46,999
333	Machinery Manufacturing	37	819	58,580
334	Computer and Electronic Product Manufacturing	47	1,189	65,900
335	Electrical Equipment, Appliance, and Component Man	20	579	54,397
336	Transportation Equipment Manufacturing	27	1,662	94,791
337	Furniture and Related Product Manufacturing	34	363	33,630
339	Miscellaneous Manufacturing	64	1,907	57,505
423	Merchant Wholesalers, Durable Goods	381	3,271	58,890
424	Merchant Wholesalers, Nondurable Goods	295	2,945	53,790
425	Wholesale Electronic Markets and Agents and Broker	161	1,147	77,912
441	Motor Vehicle and Parts Dealers	122	2,916	52,932
442	Furniture and Home Furnishings Stores	96	963	25,810
443	Electronics and Appliance Stores	94	846	93,248
444	Building Material and Garden Equipment and Supplie	88	1,363	27,871
445	Food and Beverage Stores	225	5,523	26,126
446	Health and Personal Care Stores	194	1,946	38,188
447	Gasoline Stations	80	826	32,460
448	Clothing and Clothing Accessories Stores	244	2,922	15,512
451	Sporting Goods, Hobby, Book, and Music Stores	110	1,436	18,209
452	General Merchandise Stores	56	4,962	21,813

Exhibit A-7 (continued)

NAICS	Description	Establishments	Employment	Average Annual Wage
453	Miscellaneous Store Retailers	186	1,425	\$ 21,618
454	Nonstore Retailers	42	584	53,045
481	Air Transportation	3	57	nondisclosed
483	Water Transportation	1	5	nondisclosed
484	Truck Transportation	44	192	45,176
485	Transit and Ground Passenger Transportation	24	839	31,263
487	Scenic and Sightseeing Transportation	2	26	nondisclosed
488	Support Activities for Transportation	41	729	45,633
492	Couriers and Messengers	15	204	45,824
493	Warehousing and Storage	5	206	38,392
511	Publishing Industries (except Internet)	41	512	72,050
512	Motion Picture and Sound Recording Industries	123	639	50,716
515	Broadcasting (except Internet)	16	302	62,846
517	Telecommunications	61	1,328	70,717
518	Data Processing, Hosting, and Related Services	15	211	88,304
519	Other Information Services	24	977	111,879
521	Monetary Authorities - Central Bank	1	8	nondisclosed
522	Credit Intermediation and Related Activities	310	7,166	74,619
523	Securities, Commodity Contracts, and Other Financial	221	2,017	240,653
524	Insurance Carriers and Related Activities	342	3,259	73,246
525	Funds, Trusts, and Other Financial Vehicles	23	188	nondisclosed
531	Real Estate	668	2,475	41,889
532	Rental and Leasing Services	69	456	35,371
533	Lessors of Nonfinancial Intangible Assets (except copyright)	2	9	nondisclosed
541	Professional, Scientific, and Technical Services	2,200	21,170	83,793
551	Management of Companies and Enterprises	87	5,212	95,262
561	Administrative and Support Services	689	10,217	43,068
562	Waste Management and Remediation Services	21	214	61,012
611	Educational Services	290	14,760	45,137
621	Ambulatory Health Care Services	1,655	13,853	67,250
622	Hospitals	11	10,035	67,954
623	Nursing and Residential Care Facilities	178	7,973	29,385
624	Social Assistance	267	4,569	27,944
711	Performing Arts, Spectator Sports, and Related Industries	253	1,974	51,224
712	Museums, Historical Sites, and Similar Institutions	11	319	30,120
713	Amusement, Gambling, and Recreation Industries	92	2,243	19,263
721	Accommodation	73	2,237	27,449
722	Food Services and Drinking Places	1,093	20,335	17,664
811	Repair and Maintenance	351	1,901	32,761
812	Personal and Laundry Services	413	2,931	29,369
813	Religious, Grantmaking, Civic, Professional, and Similar	247	3,649	44,620
910	Federal Government	21	1,491	69,602
920	State Government	2	30	23,103
930	Local Government	164	16,716	53,048
TOTAL		14,068	217,536	\$ 52,858

Source: CA EDD; Estimates by LAEDC

Exhibit A-8**Establishments, Employment and Average Wages Southwest SGV Sub-Regional by Industry Subsector in 2012**

NAICS	Description	Establishments	Employment	Average Annual Wage
111	Crop Production	15	677	\$ 21,808
112	Animal Production	2	2	nondisclosed
113	Forestry and Logging	2	17	226,096
115	Support Activities for Agriculture and Forestry	4	27	21,371
212	Mining (except Oil and Gas)	5	127	82,626
221	Utilities	30	3,744	122,382
236	Construction of Buildings	210	691	40,095
237	Heavy and Civil Engineering Construction	43	995	80,947
238	Specialty Trade Contractors	391	2,929	47,198
311	Food Manufacturing	84	1,919	35,037
312	Beverage and Tobacco Product Manufacturing	3	476	nondisclosed
313	Textile Mills	10	263	34,675
314	Textile Product Mills	7	94	29,396
315	Apparel Manufacturing	236	3,103	16,887
316	Leather and Allied Product Manufacturing	3	13	nondisclosed
321	Wood Product Manufacturing	10	72	31,122
322	Paper Manufacturing	8	227	42,906
323	Printing and Related Support Activities	88	1,042	38,033
324	Petroleum and Coal Products Manufacturing	5	73	89,473
325	Chemical Manufacturing	27	789	42,856
326	Plastics and Rubber Products Manufacturing	25	890	41,274
327	Nonmetallic Mineral Product Manufacturing	15	228	46,210
331	Primary Metal Manufacturing	12	414	49,937
332	Fabricated Metal Product Manufacturing	156	2,185	47,613
333	Machinery Manufacturing	45	631	58,620
334	Computer and Electronic Product Manufacturing	35	1,339	66,129
335	Electrical Equipment, Appliance, and Component Man	24	595	40,876
336	Transportation Equipment Manufacturing	27	552	73,581
337	Furniture and Related Product Manufacturing	40	706	41,130
339	Miscellaneous Manufacturing	58	969	54,925
423	Merchant Wholesalers, Durable Goods	715	5,350	44,517
424	Merchant Wholesalers, Nondurable Goods	807	5,490	37,855
425	Wholesale Electronic Markets and Agents and Broker	210	878	41,181
441	Motor Vehicle and Parts Dealers	178	2,725	45,324
442	Furniture and Home Furnishings Stores	66	450	31,552
443	Electronics and Appliance Stores	109	916	36,249
444	Building Material and Garden Equipment and Supplie	84	1,384	30,274
445	Food and Beverage Stores	245	6,420	25,793
446	Health and Personal Care Stores	206	1,577	36,942
447	Gasoline Stations	72	451	19,733
448	Clothing and Clothing Accessories Stores	132	850	18,752
451	Sporting Goods, Hobby, Book, and Music Stores	67	614	20,015
452	General Merchandise Stores	68	2,998	21,588
453	Miscellaneous Store Retailers	119	624	25,048

Exhibit A-8 (continued)

NAICS	Description	Establishments	Employment	Average Annual Wage
454	Nonstore Retailers	73	706	\$ 31,573
481	Air Transportation	1	10	nondisclosed
483	Water Transportation	7	15	nondisclosed
484	Truck Transportation	155	920	41,626
485	Transit and Ground Passenger Transportation	43	1,191	23,567
487	Scenic and Sightseeing Transportation	7	51	22,408
488	Support Activities for Transportation	130	986	38,824
492	Couriers and Messengers	21	1,171	46,930
493	Warehousing and Storage	16	1,433	nondisclosed
511	Publishing Industries (except Internet)	21	299	45,614
512	Motion Picture and Sound Recording Industries	40	270	50,139
515	Broadcasting (except Internet)	4	144	35,702
517	Telecommunications	54	983	64,215
518	Data Processing, Hosting, and Related Services	9	38	nondisclosed
519	Other Information Services	12	486	nondisclosed
522	Credit Intermediation and Related Activities	242	6,313	57,747
523	Securities, Commodity Contracts, and Other Financi	130	628	63,519
524	Insurance Carriers and Related Activities	167	1,585	57,311
525	Funds, Trusts, and Other Financial Vehicles	17	63	50,830
531	Real Estate	416	1,794	36,273
532	Rental and Leasing Services	49	274	32,968
533	Lessors of Nonfinancial Intangible Assets (except	4	16	37,202
541	Professional, Scientific, and Technical Services	1,183	6,489	49,902
551	Management of Companies and Enterprises	36	4,123	105,024
561	Administrative and Support Services	517	9,187	29,203
562	Waste Management and Remediation Services	12	233	54,278
611	Educational Services	176	2,525	29,370
621	Ambulatory Health Care Services	1,122	9,664	49,545
622	Hospitals	14	6,184	61,413
623	Nursing and Residential Care Facilities	106	5,411	28,896
624	Social Assistance	145	3,368	27,869
711	Performing Arts, Spectator Sports, and Related Ind	51	143	43,668
712	Museums, Historical Sites, and Similar Institution	4	11	23,886
713	Amusement, Gambling, and Recreation Industries	41	689	18,514
721	Accommodation	60	588	18,849
722	Food Services and Drinking Places	986	13,530	16,328
811	Repair and Maintenance	369	2,010	29,458
812	Personal and Laundry Services	264	1,209	18,556
813	Religious, Grantmaking, Civic, Professional, and S	128	1,476	36,659
910	Federal Government	16	964	69,187
920	State Government	10	277	62,960
930	Local Government	203	16,222	51,377
TOTAL		7,061	160,194	\$ 43,500

Source: CA EDD; Estimates by LAEDC

Exhibit A-9**Establishments, Employment and Average Wages Southeast SGV Sub-Region by Industry Subsector in 2012**

NAICS	Description	Establishments	Employment	Average Annual Wage
111	Crop Production	7	94	\$ 25,980
112	Animal Production	2	24.25	nondisclosed
115	Support Activities for Agriculture and Forestry	7	22	20,128
212	Mining (except Oil and Gas)	1	2	nondisclosed
213	Support Activities for Mining	4	14	50,636
221	Utilities	22	1094	73,107
236	Construction of Buildings	228	1,387	51,518
237	Heavy and Civil Engineering Construction	30	1,291	95,605
238	Specialty Trade Contractors	521	6,699	50,922
311	Food Manufacturing	81	3,853	49,065
312	Beverage and Tobacco Product Manufacturing	2	66	nondisclosed
313	Textile Mills	5	35	21,958
314	Textile Product Mills	5	151	nondisclosed
315	Apparel Manufacturing	36	2307	52,470
316	Leather and Allied Product Manufacturing	8	1,081	nondisclosed
321	Wood Product Manufacturing	24	353	32,439
322	Paper Manufacturing	16	1560	54,800
323	Printing and Related Support Activities	74	964	41,141
325	Chemical Manufacturing	42	1481	48,141
326	Plastics and Rubber Products Manufacturing	43	2,435	40,099
327	Nonmetallic Mineral Product Manufacturing	17	362	43,991
331	Primary Metal Manufacturing	18	1414	53,216
332	Fabricated Metal Product Manufacturing	131	3,572	51,650
333	Machinery Manufacturing	56	1,255	59,465
334	Computer and Electronic Product Manufacturing	57	1,146	59,409
335	Electrical Equipment, Appliance, and Component Man	30	1,467	53,618
336	Transportation Equipment Manufacturing	31	948	67,378
337	Furniture and Related Product Manufacturing	37	1,023	35,445
339	Miscellaneous Manufacturing	54	665	49,277
423	Merchant Wholesalers, Durable Goods	968	11,121	53,855
424	Merchant Wholesalers, Nondurable Goods	753	8,006	51,636
425	Wholesale Electronic Markets and Agents and Broker	267	1,707	50,610
441	Motor Vehicle and Parts Dealers	179	3,159	47,651
442	Furniture and Home Furnishings Stores	69	737	28,149
443	Electronics and Appliance Stores	114	1,301	27,740
444	Building Material and Garden Equipment and Supplie	91	1,499	28,518
445	Food and Beverage Stores	262	6,068	23,485
446	Health and Personal Care Stores	195	1,967	37,104
447	Gasoline Stations	89	931	19,676
448	Clothing and Clothing Accessories Stores	196	2,318	24,697
451	Sporting Goods, Hobby, Book, and Music Stores	68	933	19,393
452	General Merchandise Stores	89	4,833	20,702
453	Miscellaneous Store Retailers	154	1,745	27,353

Exhibit A-9 (continued)

NAICS	Description	Establishments	Employment	Average Annual Wage
454	Nonstore Retailers	69	445	\$ 32,300
481	Air Transportation	5	23	53,895
483	Water Transportation	6	69	49,760
484	Truck Transportation	216	2699	41,851
485	Transit and Ground Passenger Transportation	24	522	32,304
486	Pipeline Transportation	2	3	nondisclosed
487	Scenic and Sightseeing Transportation	2	41	nondisclosed
488	Support Activities for Transportation	98	655	42,368
491	Postal Service	1	7	nondisclosed
492	Couriers and Messengers	31	422	nondisclosed
493	Warehousing and Storage	49	2355	34,163
511	Publishing Industries (except Internet)	20	389	49,618
512	Motion Picture and Sound Recording Industries	33	360	19,539
515	Broadcasting (except Internet)	6	48	41,702
517	Telecommunications	62	1,251	60,960
518	Internet Service Providers, Web Search Portals, an	9	1,355	89,904
519	Other Information Services	9	275	40,589
522	Credit Intermediation and Related Activities	277	4,247	65,046
523	Securities, Commodity Contracts, and Other Financi	123	386	44,307
524	Insurance Carriers and Related Activities	225	2,865	55,754
525	Funds, Trusts, and Other Financial Vehicles	21	39	53,105
531	Real Estate	448	2,131	41,564
532	Rental and Leasing Services	68	534	41,459
533	Lessors of Nonfinancial Intangible Assets (except	4	12	94,872
541	Professional, Scientific, and Technical Services	1356	7887	50,396
551	Management of Companies and Enterprises	62	2,478	76,938
561	Administrative and Support Services	545	11,887	28,308
562	Waste Management and Remediation Services	28	1498	57,935
611	Educational Services	178	4,012	46,727
621	Ambulatory Health Care Services	1180	10,546	47,081
622	Hospitals	11	7,134	62,329
623	Nursing and Residential Care Facilities	145	4,579	27,833
624	Social Assistance	185	3,166	26,499
711	Performing Arts, Spectator Sports, and Related Ind	44	428	191,384
712	Museums, Historical Sites, and Similar Institution	3	19	42,266
713	Amusement, Gambling, and Recreation Industries	48	1,317	16,423
721	Accommodation	56	1,646	34,211
722	Food Services and Drinking Places	1043	16,559	16,008
811	Repair and Maintenance	406	2538	33,800
812	Personal and Laundry Services	276	1,693	22,944
813	Religious, Grantmaking, Civic, Professional, and S	114	3,222	33,709
910	Federal Government	14	1,621	63,650
920	State Government	237	4,047	58,362
930	Local Government	257	20,041	48,723
TOTAL		13,064	210,401	\$ 43,383

Source: CA EDD; Estimates by LAEDC

Exhibit A-10

Change in Employment in North SGV Sub-Region by Industry Subsector 2002 to 2012

NAICS	Description	2012	2002	2002 to 2012 Change	
				Numerical	Percent
111	Crop Production	403	1,482	-1,079	-72.8%
112	Animal Production	2	14	-12	-85.7%
113	Forestry and Logging		2	-2	-100.0%
115	Support Activities for Agriculture and Forestry	48	108	-60	-55.6%
211	Oil and Gas Extraction	not in area	2	-2	-100.0%
212	Mining (except Oil and Gas)	63	18	45	250.0%
213	Support Activities for Mining	8	2	6	300.0%
221	Utilities	938	957	-19	-2.0%
236	Construction of Buildings	2,513	2,517	-4	-0.2%
237	Heavy and Civil Engineering Construction	593	1,925	-1,332	-69.2%
238	Specialty Trade Contractors	4,257	5,397	-1,140	-21.1%
311	Food Manufacturing	1,537	1,122	415	37.0%
312	Beverage and Tobacco Product Manufacturing	20	8	12	150.9%
313	Textile Mills	55	8	47	587.5%
314	Textile Product Mills	52	119	-67	-56.3%
315	Apparel Manufacturing	182	422	-240	-56.9%
316	Leather and Allied Product Manufacturing	35	35	0	-0.2%
321	Wood Product Manufacturing	77	16	61	381.3%
322	Paper Manufacturing	263	296	-33	-11.1%
323	Printing and Related Support Activities	704	876	-172	-19.6%
324	Petroleum and Coal Products Manufacturing	31	20	11	55.0%
325	Chemical Manufacturing	367	607	-240	-39.5%
326	Plastics and Rubber Products Manufacturing	461	557	-96	-17.2%
327	Nonmetallic Mineral Product Manufacturing	121	367	-246	-67.0%
331	Primary Metal Manufacturing	195	192	3	1.6%
332	Fabricated Metal Product Manufacturing	1,413	1,991	-578	-29.0%
333	Machinery Manufacturing	819	1,194	-375	-31.4%
334	Computer and Electronic Product Manufacturing	1,189	2,917	-1,728	-59.2%
335	Electrical Equipment, Appliance, and Component Man	579	961	-382	-39.8%
336	Transportation Equipment Manufacturing	1,662	1,040	622	59.8%
337	Furniture and Related Product Manufacturing	363	1,149	-786	-68.4%
339	Miscellaneous Manufacturing	1,907	2,352	-445	-18.9%
423	Merchant Wholesalers, Durable Goods	3,271	3,446	-175	-5.1%
424	Merchant Wholesalers, Nondurable Goods	2,945	2,192	753	34.4%
425	Wholesale Electronic Markets and Agents and Broker	1,147	741	406	54.8%
441	Motor Vehicle and Parts Dealers	2,916	3,544	-628	-17.7%
442	Furniture and Home Furnishings Stores	963	884	79	8.9%
443	Electronics and Appliance Stores	846	1,654	-808	-48.9%
444	Building Material and Garden Equipment and Supplie	1,363	1,468	-105	-7.2%
445	Food and Beverage Stores	5,523	4,311	1,212	28.1%
446	Health and Personal Care Stores	1,946	2,090	-144	-6.9%
447	Gasoline Stations	826	868	-42	-4.8%
448	Clothing and Clothing Accessories Stores	2,922	2,788	134	4.8%
451	Sporting Goods, Hobby, Book, and Music Stores	1,436	1,560	-124	-7.9%
452	General Merchandise Stores	4,962	4,128	834	20.2%
453	Miscellaneous Store Retailers	1,425	1,548	-123	-7.9%
454	Nonstore Retailers	584	364	220	60.4%
481	Air Transportation	57	82	-25	-30.5%
483	Water Transportation	5	6	-1	-16.7%
484	Truck Transportation	192	370	192	100.0%
485	Transit and Ground Passenger Transportation	839	563	276	49.0%
487	Scenic and Sightseeing Transportation	26	3	23	766.7%

Exhibit A-10 (continued)

NAICS	Description	2012	2002	2002 to 2012 Change	
				Numerical	Percent
488	Support Activities for Transportation	729	279	450	161.3%
492	Couriers and Messengers	204	408	-204	-50.0%
493	Warehousing and Storage	206	261	-55	-21.1%
511	Publishing Industries (except Internet)	512	571	-59	-10.3%
512	Motion Picture and Sound Recording Industries	639	810	-171	-21.1%
515	Broadcasting (except Internet)	302	276	26	9.4%
517	Telecommunications	1,328	2,696	-1,368	-50.7%
518	Data Processing, Hosting, and Related Services	211	3,938	-3,727	-94.6%
519	Other Information Services	1738	517	1,221	236.2%
521	Monetary Authorities-Central Bank	8	not in area	8	100.0%
522	Credit Intermediation and Related Activities	7,166	6,173	993	16.1%
523	Securities, Commodity Contracts, and Other Financial	2,017	2,333	-316	-13.5%
524	Insurance Carriers and Related Activities	3259	3155	104	3.3%
525	Funds, Trusts, and Other Financial Vehicles	188	117	71	60.7%
531	Real Estate	2,475	2,442	33	1.4%
532	Rental and Leasing Services	456	731	-275	-37.6%
533	Lessors of Nonfinancial Intangible Assets (except copyright)	9	50	-41	-82.0%
541	Professional, Scientific, and Technical Services	21,170	20,054	1,116	5.6%
551	Management of Companies and Enterprises	5,212	3,505	1,707	48.7%
561	Administrative and Support Services	10,217	11,059	-842	-7.6%
562	Waste Management and Remediation Services	214	510	-296	-58.0%
611	Educational Services	14,760	17,617	-2,857	-16.2%
621	Ambulatory Health Care Services	13,853	9,536	4,317	45.3%
622	Hospitals	10,035	10,566	-531	-5.0%
623	Nursing and Residential Care Facilities	7,973	6,694	1,279	19.1%
624	Social Assistance	4,569	3,530	1,039	29.4%
711	Performing Arts, Spectator Sports, and Related Industries	1974	2211	-237	-10.7%
712	Museums, Historical Sites, and Similar Institutions	319	300	19	6.3%
713	Amusement, Gambling, and Recreation Industries	2,243	1,775	468	26.4%
721	Accommodation	2,237	2,300	-63	-2.7%
722	Food Services and Drinking Places	20,335	17,072	3,263	19.1%
811	Repair and Maintenance	1,901	2,600	-699	-26.9%
812	Personal and Laundry Services	2,931	2,384	547	22.9%
813	Religious, Grantmaking, Civic, Professional, and Similar	3,649	2,845	804	28.3%
931	Federal Government	1,491	1,203	288	23.9%
932	State Government	30	76	-46	-60.5%
933	Local Government	16,716	19,704	-2,988	-15.2%
TOTAL		217,536	220,454	-2,918	-1.3%

Source: CA EDD; Estimates by LAEDC

Exhibit A-11

Change in Employment in Southwest SGV Sub-Region by Industry Subsector 2002 to 2012

NAICS	Description	2012	2002	2002 to 2012 Change	
				Numerical	Percent
111	Crop Production	677	1,149	-472	-41.1%
112	Animal Production	2	12	-10	-83.3%
113	Forestry and Logging	17	13	4	30.8%
115	Support Activities for Agriculture and Forestry	27	8	19	237.5%
212	Mining (except Oil and Gas)	127	265	-138	-52.1%
213	Support Activities for Mining	not in area	2	-2	-100.0%
221	Utilities	3,744	3,499	245	7.0%
236	Construction of Buildings	691	1,290	-599	-46.4%
237	Heavy and Civil Engineering Construction	995	693	302	43.6%
238	Specialty Trade Contractors	2,929	3,961	-1,032	-26.1%
311	Food Manufacturing	1,919	2,180	-261	-12.0%
312	Beverage and Tobacco Product Manufacturing	476	981	-505	-51.5%
313	Textile Mills	263	424	-161	-38.0%
314	Textile Product Mills	94	171	-77	-45.0%
315	Apparel Manufacturing	3,103	8,809	-5,706	-64.8%
316	Leather and Allied Product Manufacturing	13	91	-78	-85.6%
321	Wood Product Manufacturing	72	384	-312	-81.3%
322	Paper Manufacturing	227	396	-169	-42.7%
323	Printing and Related Support Activities	1,042	1,607	-565	-35.2%
324	Petroleum and Coal Products Manufacturing	73	49	24	49.0%
325	Chemical Manufacturing	789	720	69	9.6%
326	Plastics and Rubber Products Manufacturing	890	1,543	-653	-42.3%
327	Nonmetallic Mineral Product Manufacturing	228	883	-655	-74.2%
331	Primary Metal Manufacturing	414	1,738	-1,324	-76.2%
332	Fabricated Metal Product Manufacturing	2,185	3,367	-1,182	-35.1%
333	Machinery Manufacturing	631	1,021	-390	-38.2%
334	Computer and Electronic Product Manufacturing	1,339	1,801	-462	-25.7%
335	Electrical Equipment, Appliance, and Component Man	595	688	-93	-13.5%
336	Transportation Equipment Manufacturing	552	967	-415	-42.9%
337	Furniture and Related Product Manufacturing	706	1,765	-1,059	-60.0%
339	Miscellaneous Manufacturing	969	1,136	-167	-14.7%
423	Merchant Wholesalers, Durable Goods	5,350	6,053	-703	-11.6%
424	Merchant Wholesalers, Nondurable Goods	5,490	3,878	1,612	41.6%
425	Wholesale Electronic Markets and Agents and Broker	878	1,017	-139	-13.7%
441	Motor Vehicle and Parts Dealers	2,725	3,427	-702	-20.5%
442	Furniture and Home Furnishings Stores	450	512	-62	-12.1%
443	Electronics and Appliance Stores	916	598	318	53.2%
444	Building Material and Garden Equipment and Supplie	1,384	1,453	-69	-4.7%
445	Food and Beverage Stores	6,420	5,578	842	15.1%
446	Health and Personal Care Stores	1,577	1,380	197	14.3%
447	Gasoline Stations	451	489	-38	-7.8%
448	Clothing and Clothing Accessories Stores	850	1,064	-214	-20.1%
451	Sporting Goods, Hobby, Book, and Music Stores	614	766	-152	-19.8%
452	General Merchandise Stores	2,998	1,818	1,180	64.9%
453	Miscellaneous Store Retailers	624	969	-345	-35.6%
454	Nonstore Retailers	706	228	478	209.6%
481	Air Transportation	10	4	6	150.0%
483	Water Transportation	15	13	2	15.4%
484	Truck Transportation	920	1,056	-136	-12.9%
485	Transit and Ground Passenger Transportation	1,191	1,181	10	0.8%
487	Scenic and Sightseeing Transportation	51	not in area	51	100.0%
488	Support Activities for Transportation	986	597	986	65.2%
492	Couriers and Messengers	1,171	1,100	71	6.5%
493	Warehousing and Storage	1,433	933	500	53.6%

Exhibit A-11 (continued)

NAICS	Description	2012	2002	<u>2002 to 2012 Change</u>	
				Numerical	Percent
511	Publishing Industries (except Internet)	299	601	-302	-50.2%
512	Motion Picture and Sound Recording Industries	270	409	-139	-34.0%
515	Broadcasting (except Internet)	144	144	0	0.0%
517	Telecommunications	983	2,397	-1,414	-59.0%
518	Data Processing, Hosting, and Related Services	38	226	-188	-83.2%
519	Other Information Services	486	269	217	80.7%
522	Credit Intermediation and Related Activities	6,313	6,961	-648	-9.3%
523	Securities, Commodity Contracts, and Other Financial	628	492	136	27.6%
524	Insurance Carriers and Related Activities	1,585	1,043	542	52.0%
525	Funds, Trusts, and Other Financial Vehicles	63	188	-125	-66.5%
531	Real Estate	1,794	1,536	258	16.8%
532	Rental and Leasing Services	274	499	-225	-45.1%
533	Lessors of Nonfinancial Intangible Assets (except	16	14	2	14.3%
541	Professional, Scientific, and Technical Services	6489	5776	713	12.3%
551	Management of Companies and Enterprises	4,123	4,875	-752	-15.4%
561	Administrative and Support Services	9,187	8,454	733	8.7%
562	Waste Management and Remediation Services	233	795	-562	-70.7%
611	Educational Services	2,525	2,220	305	13.7%
621	Ambulatory Health Care Services	9,664	6,114	3,550	58.1%
622	Hospitals	6,184	3,770	2,414	64.0%
623	Nursing and Residential Care Facilities	5,411	5,040	371	7.4%
624	Social Assistance	3,368	1,893	1,475	77.9%
711	Performing Arts, Spectator Sports, and Related Ind	143	305	-162	-53.1%
712	Museums, Historical Sites, and Similar Institution	11	7	4	57.1%
713	Amusement, Gambling, and Recreation Industries	689	485	204	42.1%
721	Accommodation	588	492	96	19.5%
722	Food Services and Drinking Places	13,530	11,207	2,323	20.7%
811	Repair and Maintenance	2010	2710	-700	-25.8%
812	Personal and Laundry Services	1,209	1,261	-52	-4.1%
813	Religious, Grantmaking, Civic, Professional, and S	1,476	897	579	64.5%
910	Federal Government	964	601	363	60.4%
920	State Government	277	599	-322	-53.8%
930	Local Government	16,222	17,460	-1,238	-7.1%
TOTAL		160,194	165,463	-5,269	-3.2%

Source: CA EDD; Estimates by LAEDC

Exhibit A-12

Change in Employment in Southeast SGV Sub-Region by Industry Subsector 2002 to 2012

NAICS	Description	2012	2002	2002 to 2012 Change	
				Numerical	Percent
111	Crop Production	94	137	-43	-31.4%
112	Animal Production	24.25	8	16	203.1%
115	Support Activities for Agriculture and Forestry	22	3	19	633.3%
212	Mining (except Oil and Gas)	2	112	-110	-98.2%
213	Support Activities for Mining	14	2	12	600.0%
221	Utilities	1094	1051	43	4.1%
236	Construction of Buildings	1,387	1,848	-461	-24.9%
237	Heavy and Civil Engineering Construction	1,291	963	328	34.1%
238	Specialty Trade Contractors	6,699	9,583	-2,884	-30.1%
311	Food Manufacturing	3,853	4,912	-1,059	-21.6%
312	Beverage and Tobacco Product Manufacturing	66	179	-113	-63.3%
313	Textile Mills	35	600	-565	-94.2%
314	Textile Product Mills	151	694	-543	-78.2%
315	Apparel Manufacturing	2307	2573	-266	-10.3%
316	Leather and Allied Product Manufacturing	1,081	667	414	62.1%
321	Wood Product Manufacturing	353	750	-397	-52.9%
322	Paper Manufacturing	1560	1,791	-231	-12.9%
323	Printing and Related Support Activities	964	2,071	-1,107	-53.5%
324	Petroleum and Coal Products Manufacturing	not in area	19	-19	-100.0%
325	Chemical Manufacturing	1,481	1,563	-82	-5.2%
326	Plastics and Rubber Products Manufacturing	2435	3680	-1,245	-33.8%
327	Nonmetallic Mineral Product Manufacturing	362	762	-400	-52.5%
331	Primary Metal Manufacturing	1,414	1,602	-188	-11.7%
332	Fabricated Metal Product Manufacturing	3572	4,632	-1,060	-22.9%
333	Machinery Manufacturing	1,255	2,238	-983	-43.9%
334	Computer and Electronic Product Manufacturing	1,146	2,629	-1,483	-56.4%
335	Electrical Equipment, Appliance, and Component Man	1,467	2,485	-1,018	-41.0%
336	Transportation Equipment Manufacturing	948	1,271	-323	-25.4%
337	Furniture and Related Product Manufacturing	1,023	2,608	-1,585	-60.8%
339	Miscellaneous Manufacturing	665	1,561	-896	-57.4%
423	Merchant Wholesalers, Durable Goods	11,121	12,183	-1,062	-8.7%
424	Merchant Wholesalers, Nondurable Goods	8,006	5,465	2,541	46.5%
425	Wholesale Electronic Markets and Agents and Broker	1,707	1,797	-90	-5.0%
441	Motor Vehicle and Parts Dealers	3,159	3,925	-766	-19.5%
442	Furniture and Home Furnishings Stores	737	1,136	-399	-35.1%
443	Electronics and Appliance Stores	1,301	1,983	-682	-34.4%
444	Building Material and Garden Equipment and Supplie	1,499	1,322	177	13.4%
445	Food and Beverage Stores	6,068	4,996	1,072	21.5%
446	Health and Personal Care Stores	1,967	1,520	447	29.4%
447	Gasoline Stations	931	604	327	54.1%
448	Clothing and Clothing Accessories Stores	2,318	1,982	336	17.0%
451	Sporting Goods, Hobby, Book, and Music Stores	933	1,313	-380	-28.9%
452	General Merchandise Stores	4,833	4,219	614	14.6%
453	Miscellaneous Store Retailers	1,745	1,967	-222	-11.3%
454	Nonstore Retailers	445	382	63	16.5%
481	Air Transportation	23	4	19	475.0%
483	Water Transportation	69	23	46	200.0%
484	Truck Transportation	2699	2473	226	9.1%
485	Transit and Ground Passenger Transportation	522	283	239	84.5%
486	Pipeline Transportation	3	not in area	3	100.0%
487	Scenic and Sightseeing Transportation	41	8	33	412.5%
488	Support Activities for Transportation	655	609	655	7.6%
491	Postal Service	7	7	0	0.0%
492	Couriers and Messengers	422	301	121	40.2%

Exhibit A-12 (continued)

NAICS	Description	2012	2002	<u>2002 to 2012 Change</u>	
				Numerical	Percent
493	Warehousing and Storage	2355	2848	-493	-17.3%
511	Publishing Industries (except Internet)	389	828	-439	-53.0%
512	Motion Picture and Sound Recording Industries	360	388	-28	-7.2%
515	Broadcasting (except Internet)	48	38	10	26.3%
517	Telecommunications	1,251	1,183	68	5.7%
518	Internet Service Providers, Web Search Portals, and	1355	1929	-574	-29.8%
519	Other Information Services	275	106	169	159.4%
521	Monetary Authorities – Central Bank	not in area	3	-3	-100.0%
522	Credit Intermediation and Related Activities	4,247	3,707	540	14.6%
523	Securities, Commodity Contracts, and Other Financial	386	242	144	59.5%
524	Insurance Carriers and Related Activities	2865	3151	-286	-9.1%
525	Funds, Trusts, and Other Financial Vehicles	39	67	-28	-41.8%
531	Real Estate	2,131	1,838	293	15.9%
532	Rental and Leasing Services	534	950	-416	-43.8%
533	Lessors of Nonfinancial Intangible Assets (except	12	17	-5	-29.4%
541	Professional, Scientific, and Technical Services	7,887	6,932	955	13.8%
551	Management of Companies and Enterprises	2,478	4,510	-2,032	-45.1%
561	Administrative and Support Services	11,887	17,762	-5,875	-33.1%
562	Waste Management and Remediation Services	1,498	420	1,078	256.7%
611	Educational Services	4,012	2,898	1,114	38.4%
621	Ambulatory Health Care Services	10,546	7,106	3,440	48.4%
622	Hospitals	7,134	5,756	1,378	23.9%
623	Nursing and Residential Care Facilities	4,579	4,009	570	14.2%
624	Social Assistance	3,166	2,819	347	12.3%
711	Performing Arts, Spectator Sports, and Related Industries	428	328	100	30.5%
712	Museums, Historical Sites, and Similar Institutions	19	17	2	11.8%
713	Amusement, Gambling, and Recreation Industries	1,317	1,566	-249	-15.9%
721	Accommodation	1,646	1,249	397	31.8%
722	Food Services and Drinking Places	16,559	14,204	2,355	16.6%
811	Repair and Maintenance	2,538	2,824	-286	-10.1%
812	Personal and Laundry Services	1,693	1,088	605	55.6%
813	Religious, Grantmaking, Civic, Professional, and Social	3,222	3,138	84	2.7%
910	Federal Government	1,621	1,646	-25	-1.5%
920	State Government	4,047	4,697	-650	-13.8%
930	Local Government	20,041	23,971	-3,930	-16.4%
TOTAL		210,401	223,615	-13,215	-5.9%

Source: CA EDD; Estimates by LAEDC

Exhibit A-13**Change in Location Quotients of Industry Subsectors in North SGV Sub-Region 2002 and 2012
(vs. California)**

NAICS	Description	2012	2002	<u>2002 to 2012</u>
				<u>LQ Change</u> Percent
111	Crop Production	0.2	0.5	-70.2%
112	Animal Production	0.0	0.0	-85.2%
113	Forestry and Logging	0.0	0.0	-100.0%
115	Support Activities for Agriculture and Forestry	0.0	0.0	-64.3%
211	Oil and Gas Extraction	not in area	0.0	-100.0%
212	Mining (except Oil and Gas)	0.8	0.2	330.5%
213	Support Activities for Mining	0.0	0.0	123.3%
221	Utilities	1.1	1.2	-7.9%
236	Construction of Buildings	1.2	0.9	29.4%
237	Heavy and Civil Engineering Construction	0.5	1.4	-63.1%
238	Specialty Trade Contractors	0.8	0.7	6.9%
311	Food Manufacturing	0.7	0.5	43.7%
312	Beverage and Tobacco Product Manufacturing	0.0	0.0	94.8%
313	Textile Mills	0.4	0.0	1,078.2%
314	Textile Product Mills	0.4	0.5	-7.1%
315	Apparel Manufacturing	0.2	0.3	-27.1%
316	Leather and Allied Product Manufacturing	0.7	0.4	59.9%
321	Wood Product Manufacturing	0.3	0.0	892.7%
322	Paper Manufacturing	0.8	0.6	31.7%
323	Printing and Related Support Activities	1.1	0.8	35.3%
324	Petroleum and Coal Products Manufacturing	0.1	0.1	65.8%
325	Chemical Manufacturing	0.3	0.5	-35.8%
326	Plastics and Rubber Products Manufacturing	0.7	0.6	19.7%
327	Nonmetallic Mineral Product Manufacturing	0.3	0.5	-45.7%
331	Primary Metal Manufacturing	0.7	0.5	38.7%
332	Fabricated Metal Product Manufacturing	0.8	0.9	-15.7%
333	Machinery Manufacturing	0.8	0.9	-11.1%
334	Computer and Electronic Product Manufacturing	0.3	0.5	-44.8%
335	Electrical Equipment, Appliance, and Component Man	1.3	1.6	-17.3%
336	Transportation Equipment Manufacturing	1.1	0.5	117.0%
337	Furniture and Related Product Manufacturing	0.8	1.1	-30.9%
339	Miscellaneous Manufacturing	1.5	1.7	-7.8%
423	Merchant Wholesalers, Durable Goods	0.7	0.6	5.9%
424	Merchant Wholesalers, Nondurable Goods	0.8	0.6	23.5%
425	Wholesale Electronic Markets and Agents and Broker	0.7	0.8	-4.2%
441	Motor Vehicle and Parts Dealers	1.2	1.1	1.4%
442	Furniture and Home Furnishings Stores	1.3	1.0	32.9%
443	Electronics and Appliance Stores	0.9	1.4	-38.7%
444	Building Material and Garden Equipment and Supplie	0.8	0.8	-1.0%
445	Food and Beverage Stores	1.1	0.9	22.0%
446	Health and Personal Care Stores	1.2	1.3	-8.6%
447	Gasoline Stations	1.1	1.0	5.7%
448	Clothing and Clothing Accessories Stores	1.1	1.1	-2.8%
451	Sporting Goods, Hobby, Book, and Music Stores	1.4	1.2	18.6%
452	General Merchandise Stores	1.1	1.1	-0.7%
453	Miscellaneous Store Retailers	1.1	0.9	18.3%
454	Nonstore Retailers	1.0	0.8	31.6%
481	Air Transportation	0.1	0.1	-3.3%
483	Water Transportation	0.1	0.1	-31.2%
484	Truck Transportation	0.1	0.2	-46.8%
485	Transit and Ground Passenger Transportation	1.4	1.1	36.6%
487	Scenic and Sightseeing Transportation	0.4	0.1	641.6%
488	Support Activities for Transportation	0.6	0.3	144.7%

Exhibit A-13 (continued)

NAICS	Description	2012	2002	<u>002 to 2012</u>
				<u>LQ Change</u> Percent
492	Couriers and Messengers	0.2	0.4	-37.1%
493	Warehousing and Storage	0.2	0.3	-33.2%
511	Publishing Industries (except Internet)	0.4	0.3	16.2%
512	Motion Picture and Sound Recording Industries	0.3	0.4	-15.8%
515	Broadcasting (except Internet)	0.5	0.4	13.2%
517	Telecommunications	1.0	1.3	-25.2%
518	Data Processing, Hosting, and Related Services	0.7	5.1	-86.4%
519	Other Information Services	2.4	3.6	-33.9%
521	Monetary Authorities-Central Bank	0.4	not in area	100.0%
522	Credit Intermediation and Related Activities	1.9	1.5	29.5%
523	Securities, Commodity Contracts, and Other Financi	1.7	1.7	-0.9%
524	Insurance Carriers and Related Activities	1.2	1.0	15.5%
525	Funds, Trusts, and Other Financial Vehicles	1.2	0.8	49.6%
531	Real Estate	0.9	0.9	-0.2%
532	Rental and Leasing Services	0.5	0.6	-13.3%
533	Lessors of Nonfinancial Intangible Assets (except copyright)	0.2	0.9	-77.0%
541	Professional, Scientific, and Technical Services	1.3	1.5	-12.6%
551	Management of Companies and Enterprises	1.7	0.8	102.9%
561	Administrative and Support Services	0.8	0.8	-5.0%
562	Waste Management and Remediation Services	0.3	1.0	-65.1%
611	Educational Services	3.2	5.3	-39.9%
621	Ambulatory Health Care Services	1.4	1.3	7.8%
622	Hospitals	1.8	2.0	-11.7%
623	Nursing and Residential Care Facilities	2.1	2.0	4.7%
624	Social Assistance	1.3	1.3	4.2%
711	Performing Arts, Spectator Sports, and Related Ind	2.1	2.5	-17.3%
712	Museums, Historical Sites, and Similar Institution	1.3	1.6	-15.7%
713	Amusement, Gambling, and Recreation Industries	0.9	0.7	14.1%
721	Accommodation	0.7	0.8	-7.4%
722	Food Services and Drinking Places	1.2	1.2	1.4%
811	Repair and Maintenance	0.9	1.1	-15.8%
812	Personal and Laundry Services	1.3	1.2	12.1%
813	Religious, Grantmaking, Civic, Professional, and Similar	1.6	1.3	24.0%
931	Federal Government	0.4	0.3	26.0%
932	State Government	0.0	0.0	-59.9%
933	Local Government	0.7	0.8	-9.4%
492	Couriers and Messengers	0.2	0.4	-37.1%
TOTAL		1.0	1.0	0.0%

Source: CA EDD; Estimates by LAEDC

Exhibit A-14**Change in Location Quotients of Industry Subsectors in Southwest SGV 2002 and 2012
(vs. California)**

NAICS	Description	2012	2002	<u>2002 to 2012</u>
				<u>LQ Change</u> Percent
111	Crop Production	0.4	0.5	-34.2%
112	Animal Production	0.0	0.0	-82.4%
113	Forestry and Logging	0.6	0.3	71.0%
115	Support Activities for Agriculture and Forestry	0.0	0.0	176.5%
212	Mining (except Oil and Gas)	2.2	3.7	-39.9%
213	Support Activities for Mining	not in area	0.0	-100.0%
221	Utilities	5.8	5.6	2.5%
236	Construction of Buildings	0.5	0.6	-29.2%
237	Heavy and Civil Engineering Construction	1.2	0.7	75.1%
238	Specialty Trade Contractors	0.7	0.7	2.1%
311	Food Manufacturing	1.2	1.2	-5.9%
312	Beverage and Tobacco Product Manufacturing	1.0	2.5	-61.6%
313	Textile Mills	2.7	2.5	8.3%
314	Textile Product Mills	1.0	0.9	19.1%
315	Apparel Manufacturing	5.0	8.2	-39.3%
316	Leather and Allied Product Manufacturing	0.3	1.5	-76.5%
321	Wood Product Manufacturing	0.3	0.8	-60.6%
322	Paper Manufacturing	1.0	1.1	-13.4%
323	Printing and Related Support Activities	2.2	2.0	11.2%
324	Petroleum and Coal Products Manufacturing	0.5	0.3	62.5%
325	Chemical Manufacturing	0.9	0.8	18.6%
326	Plastics and Rubber Products Manufacturing	1.8	2.1	-15.0%
327	Nonmetallic Mineral Product Manufacturing	0.7	1.7	-56.7%
331	Primary Metal Manufacturing	1.9	5.7	-66.8%
332	Fabricated Metal Product Manufacturing	1.6	2.0	-21.4%
333	Machinery Manufacturing	0.8	1.0	-18.3%
334	Computer and Electronic Product Manufacturing	0.5	0.4	2.7%
335	Electrical Equipment, Appliance, and Component Man	1.9	1.5	21.1%
336	Transportation Equipment Manufacturing	0.5	0.6	-21.0%
337	Furniture and Related Product Manufacturing	2.1	2.3	-10.9%
339	Miscellaneous Manufacturing	1.1	1.1	-1.1%
423	Merchant Wholesalers, Durable Goods	1.5	1.5	0.5%
424	Merchant Wholesalers, Nondurable Goods	2.0	1.5	32.6%
425	Wholesale Electronic Markets and Agents and Broker	0.8	1.4	-45.6%
441	Motor Vehicle and Parts Dealers	1.5	1.5	-0.2%
442	Furniture and Home Furnishings Stores	0.8	0.7	9.2%
443	Electronics and Appliance Stores	1.3	0.7	87.2%
444	Building Material and Garden Equipment and Supplie	1.1	1.1	3.6%
445	Food and Beverage Stores	1.7	1.6	11.7%
446	Health and Personal Care Stores	1.3	1.2	14.4%
447	Gasoline Stations	0.8	0.8	4.4%
448	Clothing and Clothing Accessories Stores	0.4	0.6	-24.5%
451	Sporting Goods, Hobby, Book, and Music Stores	0.8	0.8	5.2%
452	General Merchandise Stores	0.9	0.7	38.8%
453	Miscellaneous Store Retailers	0.6	0.8	-15.6%
454	Nonstore Retailers	1.6	0.6	158.8%
481	Air Transportation	0.0	0.0	254.4%
483	Water Transportation	0.3	0.3	-2.9%
484	Truck Transportation	0.8	0.8	-9.0%
485	Transit and Ground Passenger Transportation	2.8	2.9	-5.8%
487	Scenic and Sightseeing Transportation	1.2	not in area	100.0%
488	Support Activities for Transportation	1.1	0.7	57.7%
492	Couriers and Messengers	1.8	1.4	36.5%

Exhibit A-14 (continued)

NAICS	Description	2012	2002	002 to 2012	
				LO Change	Percent
493	Warehousing and Storage	1.9	1.4	32.6%	
511	Publishing Industries (except Internet)	0.3	0.5	-34.3%	
512	Motion Picture and Sound Recording Industries	0.2	0.2	-28.2%	
515	Broadcasting (except Internet)	0.3	0.3	5.4%	
517	Telecommunications	1.0	1.6	-36.5%	
518	Data Processing, Hosting, and Related Services	0.2	0.4	-56.4%	
519	Other Information Services	0.9	2.5	-63.8%	
522	Credit Intermediation and Related Activities	2.3	2.2	3.2%	
523	Securities, Commodity Contracts, and Other Financi	0.7	0.5	49.1%	
524	Insurance Carriers and Related Activities	0.8	0.5	73.2%	
525	Funds, Trusts, and Other Financial Vehicles	0.6	1.7	-68.2%	
531	Real Estate	0.9	0.7	17.2%	
532	Rental and Leasing Services	0.4	0.6	-22.2%	
533	Lessors of Nonfinancial Intangible Assets (except	0.5	0.3	49.0%	
541	Professional, Scientific, and Technical Services	0.5	0.6	-5.1%	
551	Management of Companies and Enterprises	1.8	1.6	17.6%	
561	Administrative and Support Services	0.9	0.8	13.9%	
562	Waste Management and Remediation Services	0.5	2.0	-75.2%	
611	Educational Services	0.7	0.9	-16.8%	
621	Ambulatory Health Care Services	1.3	1.1	19.5%	
622	Hospitals	1.5	1.0	55.5%	
623	Nursing and Residential Care Facilities	1.9	2.0	-3.8%	
624	Social Assistance	1.3	0.9	46.0%	
711	Performing Arts, Spectator Sports, and Related Ind	0.2	0.5	-55.8%	
712	Museums, Historical Sites, and Similar Institution	0.1	0.0	26.9%	
713	Amusement, Gambling, and Recreation Industries	0.4	0.3	30.8%	
721	Accommodation	0.3	0.2	16.0%	
722	Food Services and Drinking Places	1.1	1.0	4.7%	
811	Repair and Maintenance	1.3	1.5	-12.9%	
812	Personal and Laundry Services	0.7	0.8	-10.9%	
813	Religious, Grantmaking, Civic, Professional, and S	0.9	0.5	62.1%	
931	Federal Government	0.3	0.2	66.2%	
932	State Government	0.1	0.1	-52.1%	
933	Local Government	0.9	0.9	1.1%	
493	Warehousing and Storage	1.9	1.4	32.6%	
511	Publishing Industries (except Internet)	0.3	0.5	-34.3%	
512	Motion Picture and Sound Recording Industries	0.2	0.2	-28.2%	
TOTAL		1.0	1.0	0.0%	

Source: CA EDD; Estimates by LAEDC

Exhibit A-15**Change in Location Quotients of Industry Subsectors in Southeast SGV 2002 and 2012
(vs. California)**

NAICS	Description	2012	2002	<u>2002 to 2012</u>
				<u>LQ Change</u> Percent
111	Crop Production	0.0	0.0	-21.2%
112	Animal Production	0.1	0.0	228.6%
115	Support Activities for Agriculture and Forestry	0.0	0.0	518.3%
212	Mining (except Oil and Gas)	0.0	1.1	-97.7%
213	Support Activities for Mining	0.1	0.0	309.9%
221	Utilities	1.3	1.2	2.6%
236	Construction of Buildings	0.7	0.7	2.0%
237	Heavy and Civil Engineering Construction	1.2	0.7	68.2%
238	Specialty Trade Contractors	1.2	1.2	-0.7%
311	Food Manufacturing	1.8	2.1	-13.7%
312	Beverage and Tobacco Product Manufacturing	0.1	0.3	-70.1%
313	Textile Mills	0.3	2.7	-89.5%
314	Textile Product Mills	1.3	2.6	-51.5%
315	Apparel Manufacturing	2.8	1.8	58.9%
316	Leather and Allied Product Manufacturing	21.5	7.9	172.5%
321	Wood Product Manufacturing	1.2	1.2	1.8%
322	Paper Manufacturing	5.1	3.7	35.4%
323	Printing and Related Support Activities	1.6	1.9	-17.8%
324	Petroleum and Coal Products Manufacturing	not in area	0.1	-100.0%
325	Chemical Manufacturing	1.4	1.3	5.5%
326	Plastics and Rubber Products Manufacturing	3.8	3.8	0.3%
327	Nonmetallic Mineral Product Manufacturing	0.9	1.1	-18.0%
331	Primary Metal Manufacturing	4.9	3.9	26.4%
332	Fabricated Metal Product Manufacturing	2.0	2.1	-3.9%
333	Machinery Manufacturing	1.2	1.6	-23.7%
334	Computer and Electronic Product Manufacturing	0.3	0.5	-38.0%
335	Electrical Equipment, Appliance, and Component Man	3.5	4.1	-15.0%
336	Transportation Equipment Manufacturing	0.6	0.6	6.2%
337	Furniture and Related Product Manufacturing	2.3	2.5	-10.1%
339	Miscellaneous Manufacturing	0.6	1.1	-49.2%
423	Merchant Wholesalers, Durable Goods	2.4	2.3	6.8%
424	Merchant Wholesalers, Nondurable Goods	2.2	1.6	41.2%
425	Wholesale Electronic Markets and Agents and Broker	1.1	1.9	-38.4%
441	Motor Vehicle and Parts Dealers	1.3	1.3	4.0%
442	Furniture and Home Furnishings Stores	1.0	1.2	-17.0%
443	Electronics and Appliance Stores	1.4	1.7	-17.5%
444	Building Material and Garden Equipment and Supplies	0.9	0.7	26.8%
445	Food and Beverage Stores	1.3	1.0	21.3%
446	Health and Personal Care Stores	1.3	1.0	33.3%
447	Gasoline Stations	1.3	0.7	79.6%
448	Clothing and Clothing Accessories Stores	0.9	0.8	13.8%
451	Sporting Goods, Hobby, Book, and Music Stores	1.0	1.0	-4.0%
452	General Merchandise Stores	1.1	1.1	-0.8%
453	Miscellaneous Store Retailers	1.4	1.1	19.6%
454	Nonstore Retailers	0.8	0.8	0.2%
481	Air Transportation	0.0	0.0	738.7%
483	Water Transportation	0.9	0.3	159.9%
484	Truck Transportation	1.7	1.5	17.3%
485	Transit and Ground Passenger Transportation	0.9	0.5	77.3%
486	Pipeline Transportation	0.1	not in area	100.0%
487	Scenic and Sightseeing Transportation	0.7	0.2	359.9%
488	Support Activities for Transportation	0.6	0.5	5.6%

Exhibit A-15 (continued)

NAICS	Description	2012	2002	<u>002 to 2012</u> <u>LO Change</u>	
				Percent	
491	Postal Service	0.8	0.9	-16.3%	
492	Couriers and Messengers	0.5	0.3	85.0%	
493	Warehousing and Storage	2.3	3.2	-26.6%	
511	Publishing Industries (except Internet)	0.3	0.5	-36.2%	
512	Motion Picture and Sound Recording Industries	0.2	0.2	3.8%	
515	Broadcasting (except Internet)	0.1	0.1	37.0%	
517	Telecommunications	1.0	0.6	68.4%	
518	Data Processing, Hosting, and Related Services	4.6	2.4	87.4%	
519	Other Information Services	0.4	0.7	-46.5%	
521	Monetary Authorities – Central Bank	0.0	0.2	-100.0%	
522	Credit Intermediation and Related Activities	1.2	0.9	34.1%	
523	Securities, Commodities and Other Financial	0.3	0.2	91.7%	
524	Insurance Carriers and Related Activities	1.1	1.0	6.6%	
525	Funds, Trusts, and Other Financial Vehicles	0.3	0.5	-43.2%	
531	Real Estate	0.8	0.6	19.7%	
532	Rental and Leasing Services	0.6	0.8	-18.1%	
533	Lessors of Nonfinancial Intangible Assets (except	0.3	0.3	-5.3%	
541	Professional, Scientific, and Technical Services	0.5	0.5	-1.2%	
551	Management of Companies and Enterprises	0.8	1.1	-21.4%	
561	Administrative and Support Services	0.9	1.3	-27.8%	
562	Waste Management and Remediation Services	2.5	0.8	211.2%	
611	Educational Services	0.9	0.9	4.2%	
621	Ambulatory Health Care Services	1.1	0.9	15.5%	
622	Hospitals	1.3	1.1	20.9%	
623	Nursing and Residential Care Facilities	1.2	1.2	5.3%	
624	Social Assistance	1.0	1.0	-5.2%	
711	Performing Arts, Spectator Sports, and Related Ind	0.5	0.4	26.7%	
712	Museums, Historical Sites, and Similar Institution	0.1	0.1	-7.1%	
713	Amusement, Gambling, and Recreation Industries	0.5	0.7	-20.4%	
721	Accommodation	0.6	0.4	31.6%	
722	Food Services and Drinking Places	1.0	1.0	4.0%	
811	Repair and Maintenance	1.3	1.2	8.6%	
812	Personal and Laundry Services	0.8	0.5	48.9%	
813	Religious, Grantmaking, Civic, Profess'l and Social	1.5	1.4	4.1%	
931	Federal Government	0.4	0.4	5.0%	
932	State Government	0.6	0.7	-8.1%	
933	Local Government	0.9	0.9	-6.4%	
TOTAL		1.0	1.0	0.0%	

Source: CA EDD; Estimates by LAEDC

Description of Industry Sectors

The industry sectors used in this report are established by the North American Industry Classification System (NAICS). NAICS divides the economy into twenty sectors, and groups industries within these sectors according to production criteria. Listed below is a short description of each sector as taken from the sourcebook, *North American Industry Classification System*, published by the U.S. Office of Management and Budget (2012). For complete definitions of all NAICS codes, please visit the Census Bureau's website at <http://www.census.gov/cgi-bin/sssd/naics/naicsrch?chart=2012>.

Agriculture, Forestry, Fishing and Hunting: Activities of this sector are growing crops, raising animals, harvesting timber, and harvesting fish and other animals from farms, ranches, or the animals' natural habitats.

Mining: Activities of this sector are extracting naturally-occurring mineral solids, such as coal and ore; liquid minerals, such as crude petroleum; and gases, such as natural gas; and beneficiating (e.g., crushing, screening, washing and flotation) and other preparation at the mine site, or as part of mining activity.

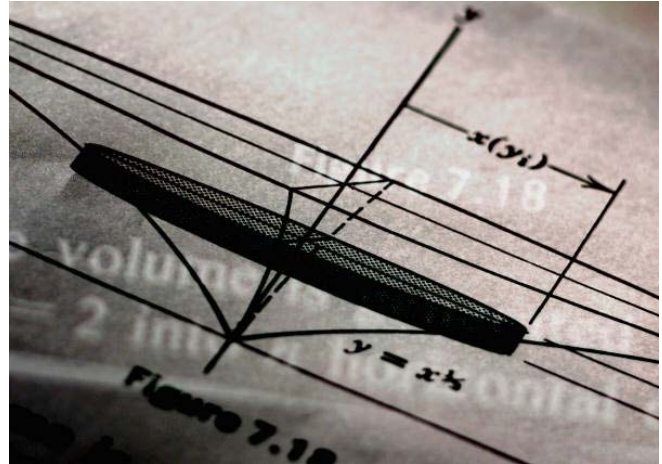
Utilities: Activities of this sector are generating, transmitting, and/or distributing electricity, gas, steam, and water and removing sewage through a permanent infrastructure of lines, mains, and pipes.

Construction: Activities of this sector are erecting buildings and other structures (including additions); heavy construction other than buildings; and alterations, reconstruction, installation, and maintenance and repairs.

Manufacturing: Activities of this sector are the mechanical, physical, or chemical transformation of material, substances, or components into new products.

Wholesale Trade: Activities of this sector are selling or arranging for the purchase or sale of goods for resale; capital or durable non-consumer goods; and raw and intermediate materials and supplies used in production, and providing services incidental to the sale of the merchandise.

Retail Trade: Activities of this sector are retailing merchandise generally in small quantities to the general public and providing services incidental to the sale of the merchandise.



Transportation and Warehousing: Activities of this sector are providing transportation of passengers and cargo, warehousing and storing goods, scenic and sightseeing transportation, and supporting these activities.

Information: Activities of this sector are distributing information and cultural products, providing the means to transmit or distribute these products as data or communications, and processing data.

Finance and Insurance: Activities of this sector involve the creation, liquidation, or change of ownership of financial assets (financial transactions) and/or facilitating financial transactions.

Real Estate and Rental and Leasing: Activities of this sector are renting, leasing, or otherwise allowing the use of tangible or intangible assets (except copyrighted works), and providing related services.

Professional, Scientific, and Technical Services: Activities of this sector are performing professional, scientific, and technical services for the operations of other organizations.

Management of Companies and Enterprises: Activities of this sector are the holding of securities of companies and enterprises, for the purpose of owning controlling interest or influencing their management decision, or administering, overseeing, and managing other establishments of the same company or enterprise and normally undertaking the strategic or organizational planning and decision-making of the company or enterprise.

Administrative and Support and Waste Management and Remediation Services: Activities of this sector are performing routine support activities for the day-to-day operations of other organizations, such as: office administration, hiring and placing of personnel, document preparation and similar clerical services, solicitation, collection, security and surveillance services, cleaning, and waste disposal services.

Educational Services: Activities of this sector are providing instruction and training in a wide variety of subjects. Educational services are usually delivered by teachers or instructors that explain, tell, demonstrate, supervise, and direct learning. Instruction is imparted in diverse settings, such as educational institutions, the workplace, or the home through correspondence, television, or other means.

Health Care and Social Assistance: Activities of this sector are operating or providing health care and social assistance for individuals.

Arts, Entertainment and Recreation: Activities of this sector are operating facilities or providing services to meet varied cultural, entertainment, and recreational interests of their patrons, such as: (1) producing, promoting, or participating in live performances, events, or exhibits intended for public viewing; (2) preserving and exhibiting objects and sites of historical, cultural, or educational interest; and (3) operating facilities or providing services that enable patrons to participate in recreational activities or pursue amusement, hobby, and leisure-time interests.

Accommodation and Food Services: Activities of this sector are providing customers with lodging and/or preparing meals, snacks, and beverages for immediate consumption.

Other Services (except Public Administration): Activities of this sector are providing services not specifically provided for elsewhere in the classification system. Establishments in this sector are primarily engaged in activities, such as equipment and machinery repairing, promoting or administering religious activities, grant-making, advocacy, and providing dry-cleaning and laundry services, personal care services, death care services, pet care services, photofinishing services, temporary parking services, and dating services. ❖

Study Authors

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Dr. Cooper designs, manages and conducts research studies on regional issues undertaken by the Analysis Group, such as economic impact studies, regional industry analyses, economic forecasts, and issue studies related to the *L.A. County Strategic Plan for Economic Development*. Her fields of expertise include development economics, environmental economics, regional analysis and urban sustainability.

Prior to joining the LAEDC, Dr. Cooper was a co-founder of a start-up computer company in Hong Kong concentrating on equity transactions software and computer accessories manufacturing, which expanded production into the special economic zone of Shenzhen, China and distributed products throughout the United States and Asia. With her business partner, she also established the first authorized Apple Computer retailer in China. She has been a lecturer at California State University, Long Beach and at the Pepperdine Graziadio School of Business and Management.

Dr. Cooper is a citizen of the United States and of Canada. She earned a bachelor's degree in Economics from Carleton University in Ottawa, Canada, and a Ph.D. in Economics from the University of Southern California. With funding from the National Science Foundation, she earned a Graduate Certificate in Environmental Sciences, Policy and Engineering in Sustainable Cities. Her current research includes industry cluster determination and performance in the regional economy, commuting and job allocation patterns, and workforce development issues.

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In her current capacity as an Associate Economist at the LAEDC, Ms. Sedgwick develops subject-specific information and data interpretation for economic impact, demographic, transportation, industry and issue studies. She performs research, data collection and organization, analysis and report preparation. Her work focuses on demographics, industry clusters and workforce development in the form of occupational analysis. Ms. Sedgwick is also proficient at conducting

geospatial analyses and has experience working with RIMS II multipliers.

Ms. Sedgwick joined the LAEDC team in June of 2008 as an Economic Research Assistant for the Kyser Center for Economic Research. In that role she assisted both Economic Research and the Consulting Practice of the LAEDC with data collection and research, managing multiple data sets covering the State of California, Southern California, its counties and their sub-regions. In addition to writing sections of LAEDC's Economic Forecasts, she was responsible for the "Business Scan" containing a collection of Los Angeles County economic indicators; the annual "L.A. Stats" report, containing the most frequently requested statistics for Los Angeles and

its surrounding counties; and was a regular contributor to the weekly economic newsletter, "e-Edge."

Before joining the LAEDC, Ms. Sedgwick managed an industrial and steel supply company located in the Inland Empire. There she identified and targeted a diverse customer base, and analyzed product and customer patterns in the local industrial market to successfully increase revenues.

A Southern California native, Ms. Sedgwick received her Bachelor of Arts in Economics from the University of Southern California (USC) with a minor in Architecture. She has been a member of the national and the Los Angeles Chapter of the National Association for Business Economics (NABE) since 2008. ❖

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