

Sacramento Regional Research Institute

Labor Force

A diverse and abundant supply of skilled labor has been a major consideration for companies locating and expanding in Placer County. This section covers labor force participation, employment growth and growth by sector, wages, major employers, employee recruiting and training programs.

Labor Force Participation

Figure 41 contains information related to labor force participation for California, the Bay Area, the Greater Sacramento Area, Placer County, and selected cities within Placer County in 1998 and 2003. As shown, the civilian labor force in Placer County increased by over 25 percent between 1998 and 2003. This is a significantly higher growth in labor force participation than in the state, which grew by a little over nine percent, and is much higher than in the Greater Sacramento Area, where labor force participation grew by 15 percent. The labor force participation growth rates for the selected cities within Placer County were very similar ranging around 25 percent.

FIGURE 41 LABOR FORCE PARTICIPATION

			Percent
			Change
Area	1998	2003	1998-2003
California	16,138,100	17,460,000	8.2%
Bay Area	3,550,910	3,607,300	1.6%
Greater Sacramento Area	895,900	1,032,300	15.2%
Placer County	113,000	141,600	25.3%
Cities in Placer County			
Auburn	6,500	8,140	25.2%
Colfax	750	940	25.3%
Lincoln	4,290	5,380	25.4%
Loomis	3,610	4,530	25.5%
Rocklin	13,170	16,490	25.2%
Roseville	29,720	37,270	25.4%

Sacramento Regional Research Institute, December 2004

Data Source: Employment Development Department, Labor Market Information

Employment Growth

Figure 42 presents the civilian labor force, employment, unemployment, and the unemployment rate for California, the Bay Area, the Greater Sacramento Area, Placer County, and selected cities within Placer County for the years 1998 through 2003. Over the past five years, unemployment rates have been much lower for Placer County than for the state and the Greater Sacramento Area, which is indicative of the increasing employment opportunities in the area. The unemployment rates in the Bay Area were similar to those of Placer County and the selected cities within Placer County. However, Placer County was able to maintain a fairly low unemployment during the most recent slow down in the economy. In 2003, Placer County had the lowest unemployment rate (4.7 percent) of all the regions.

FIGURE 42 LABOR FORCE AND EMPLOYMENT

Area/Factor	1998	1999	2000	2001	2002	2003
California						
Labor Force	16,138,100	16,375,600	16,892,000	17,171,600	17,375,800	17,460,000
Employment	15,180,900	15,522,300	16,056,500	16,249,100	16,214,900	16,282,700
Unemployment	957,200	853,300	835,500	922.500	1,160,900	1,177,300
Unemployment Rate	5.9%	5.2%	4.9%	5.4%	6.7%	6.7%
Bay Area	0.070	0.270	4.070	0.470	0.7 70	0.1 70
Labor Force	3,550,800	3,598,100	3,728,500	3,749,300	3,691,000	3,607,300
Employment	3,425,500	3,489,400	3,635,400	3,597,200	3,451,400	3,374,300
Unemployment	125,300	108,700	93,100	152,100	239,600	233,000
Unemployment Rate	3.5%	3.0%	2.5%	4.1%	6.5%	6.5%
Greater Sacramento Area	3.370	3.070	2.570	7.170	0.570	0.570
Labor Force	895,900	925,600	955,600	976,800	1,010,300	1,032,300
Employment	846,300	883,400	911,700	932,000	952,700	971,500
		-				
Unemployment Data	49,600 5.5%	42,200	43,900	44,800	57,600 5.70/	60,800
Unemployment Rate	5.5%	4.6%	4.6%	4.6%	5.7%	5.9%
Placer County	440.000	440.000	405.000	404 000	400 700	444.000
Labor Force	113,000	119,600	125,200	131,600	138,700	141,600
Employment	108,400	115,800	121,300	126,900	132,400	134,900
Unemployment	4,600	3,800	3,900	4,700	6,300	6,700
Unemployment Rate	4.1%	3.2%	3.1%	3.5%	4.5%	4.7%
Cities in Placer County						
Auburn						
Labor Force	6,500	6,960	7,240	7,710	7,990	8,140
Employment	6,270	6,770	7,040	7,480	7,670	7,810
Unemployment	230	190	200	230	320	330
Unemployment Rate	3.6%	2.8%	2.7%	3.0%	4.0%	4.1%
Colfax						
Labor Force	750	800	830	890	930	940
Employment	720	780	810	860	890	900
Unemployment	30	20	20	30	40	40
Unemployment Rate	3.9%	3.0%	3.0%	3.3%	4.3%	4.5%
Lincoln						
Labor Force	4,290	4,580	4,760	5,080	5,280	5,380
Employment	4,080	4,410	4,580	4,870	5,000	5,080
Unemployment	210	170	180	210	280	300
Unemployment Rate	4.8%	3.8%	3.7%	4.1%	5.3%	5.5%
Loomis						
Labor Force	3,610	3,870	4,010	4,290	4,450	4,530
Employment	3,470	3,750	3,890	4,140	4,250	4,320
Unemployment	140	120	120	150	200	210
Unemployment Rate	4.0%	3.1%	3.1%	3.4%	4.4%	4.6%
Rocklin						
Labor Force	13,170	14,090	14,630	15,610	16,180	16,490
Employment	12,660	13,660	14,200	15,100	15,490	15,760
Unemployment	510	430	430	510	690	730
Unemployment Rate	3.8%	3.0%	3.0%	3.3%	4.3%	4.5%
Roseville	0.070	0.070	0.070	0.070	4.070	4.070
Labor Force	29,720	31,700	33,010	35,230	36,550	37,270
Employment	28,440	30,690	31,910	33,930	34,800	35,410
Unemployment	1,280	1,080	1,100	1,300	1,750	1,860
. ,	4.3%	3.4%	3.3%	3.7%	4.8%	5.0%
Unemployment Rate	4.3%	3.470	3.3%	3.1 70	4.070	5.0%

Sacramento Regional Research Institute, December 2004
Data Source: Employment Development Department, Labor Market Information

Employment Growth Sectors

Figure 43 contains information about wage & salary employment by sector in Placer County for the years 1998 and 2003. During that time, total non-farm employment increased by approximately 33 percent. The largest increase from 1998 to 2003 was in Hospitals (236 percent), Residual Finance (200 percent) and Clothing & Clothing Accessories Stores (200 percent), followed by Building Foundation & Exterior Contractors (193) percent, Activities Related to Credit Intermediation (150 percent), Specialty Trade Contractors (125 percent), and Educational Services (122 percent).

FIGURE 43 EMPLOYMENT BY INDUSTRY IN PLACER COUNTY

			Percent
Sector	1998	2003	Change 1998-2003
0000	7000	2000	7000 2000
Total, All Industries	95,100	126,400	32.9%
Total Farm	400	600	50.0%
Total Nonfarm	94,700	125,700	32.7%
Total Private	79,000	106,200	34.4%
Goods Producing	17,800	24,600	38.2%
Natural Resources and Mining	100	100	0.0%
Construction	8,400	16,600	97.6%
Construction of Buildings	2,500	4,300	72.0%
Heavy and Civil Engineering Construction	900	1,400	55.6%
Specialty Trade Contractors	4,900	11,000	124.5%
Building Foundation and Exterior Contractors	1,400	4,100	192.9%
Building Equipment Contractors	1,500	3,200	113.3%
Building Finishing Contractors	1,500	2,700	80.0%
Other Specialty Trade Contractors	600	1,100	83.3%
Manufacturing	9,300	7,900	-15.1%
Durable Goods	8,200	6,800	-17.1%
Computer and Electronic Product Manufacturing	4,700	3,500	-25.5%
Computer and Peripheral Equipment Manufacturing	3,800	3,100	-18.4%
Semiconductor and Electronic Component Manufacturing	100	100	0.0%
Residual-Communications Equipment Manufacturing	800	300	-62.5%
Residual-Miscellaneous Manufacturing	3,600	3,300	-8.3%
Nondurable Goods	1,000	1,100	10.0%
Food Manufacturing	100	200	100.0%
Residual-Beverage and Tobacco Product Manufacturing	900	1,000	11.1%

Sacramento Regional Research Institute, December 2004

Data Source: Employment Development Department, Labor Market Information

FIGURE 43 (CONTINUED) EMPLOYMENT BY INDUSTRY IN PLACER COUNTY

ector	1998	2003	Percent Change 1998-2003
Service Providing	77,000	101,100	31.3%
Trade, Transportation and Utilities	17,900	24,500	36.9%
Wholesale Trade	2,700	2,900	7.4%
Merchant Wholesalers, Durable Goods	1,700	1,700	0.0%
Merchant Wholesalers, Nondurable Goods	800	1,000	25.0%
Wholesale Electronic Markets and Agents and Brokers	200	200	0.0%
Retail Trade	13,200	18,900	43.2%
Motor Vehicle and Parts Dealer	2,800	3,600	28.6%
Building Material and Garden Equipment Stores	1,100	1,900	72.7%
Food and Beverage Stores	3,200	3,900	21.9%
Grocery Stores	2,800	3,400	21.4%
Residual-Specialty Food Stores	300	500	66.7%
Health and Personal Care Stores	600	1,000	66.7%
Clothing and Clothing Accessories Stores	500	1,500	200.0%
Sporting Goods, Hobby, Book and Music Stores	800	1,100	37.5%
General Merchandise Stores	1,500	2,700	80.0%
Residual-Miscellaneous Store Retailers	2,700	3,100	14.8%
Transportation, Warehousing and Utilities	2,000	2,700	35.0%
Information	2,100	2,500	19.0%
Publishing Industries (except Internet)	800	1,100	37.5%
Telecommunications	1,000	800	-20.0%
Telecommunications Resellers	600	400	-33.3%
Residual-Other Telecommunications	400	400	0.0%
Residual-Other Information Services	300	500	66.7%
Financial Activities	5,500	9,100	65.5%
Finance and Insurance	3,400	6,200	82.4%
Credit Intermediation and Related Activities	2,000	3,200	60.0%
Depository Credit Intermediation	1,000	1,600	60.0%
Nondepository Credit Intermediation	600	600	0.0%
Activities Related to Credit Intermediation	400	1,000	150.0%
Residual-Other Finance	200	600	200.0%
Insurance Carriers and Related	1,200	2,400	100.0%
Real Estate and Rental and Leasing	2,100	2,900	38.1%
Real Estate	1,700	2,200	29.4%
Residual-Rental and Leasing Services	500	700	40.0%
Professional and Business Services	10,400	13,500	29.8%
Professional, Scientific and Technical Services	2,800	4,900	75.0%
Accounting, Tax Preparation and Bookkeeping Services	400	500	25.0%
Architectural, Engineering and Related Services	700	1,400	100.0%
Computer Systems Design and Related Services	400	700	75.0%
Residual-Other Professional, Scientific and Technical Services	1,300	2,300	76.9%
Management of Companies and Enterprises	2,900	1,700	-41.4%
Administrative and Support and Waste Services	4,700	6,800	44.7%
Administrative and Support Services	4,500	6,600	46.7%
Employment Services	1,900	3,100	63.2%
Investigation and Security Services	100	200	100.0%
Services to Buildings and Dwellings	1,400	1,900	35.7%
Residual Other Support Services	1,000	1,300	30.0%
Waste Management and Remediation Services	200	300	50.0%

Sacramento Regional Research Institute, December 2004
Data Source: Employment Development Department, Labor Market Information

FIGURE 43 (CONTINUED) EMPLOYMENT BY INDUSTRY IN PLACER COUNTY

			Percent Change
Sector	1998	2003	1998-2003
Educational and Health Services	8,800	12,500	42.0%
Educational Services	900	2,000	122.2%
Health Care and Social Assistance	7.800	10,600	35.9%
Ambulatory Health Care Services	3,400	3,400	0.0%
Hospitals	1,100	3,700	236.4%
Nursing and Residential Care Facilities	1,800	1,500	-16.7%
Social Assistance	1,600	1,900	18.8%
Leisure and Hospitality	12,600	15,800	25.4%
Arts, Entertainment, and Recreation	2,500	3,000	20.0%
Accommodation and Food Service	10,200	12,800	25.5%
Accommodation	2,100	2,300	9.5%
Food Services and Drinking Places	8,100	10,400	28.4%
Full-Service Restaurants	3,800	5,100	34.2%
Limited-Service Eating Places	4,000	4,900	22.5%
Residual-Special Food Services	300	400	33.3%
Other Services	4,000	3,600	-10.0%
Repair and Maintenance	2,300	1,300	-43.5%
Personal and Laundry Services	1,700	2,300	35.3%
Government	15,700	19,600	24.8%
Federal Government	600	800	33.3%
Department of Defense	0	0	0.0%
Other Federal Government	600	800	33.3%
State and Local Government	15,100	18,800	24.5%
State Government	500	600	20.0%
State Government Education	0	0	0.0%
Other State Government	500	600	20.0%
Local Government	14,600	18,200	24.7%
Local Government Education	9,700	12,300	26.8%
County	2,700	3,200	18.5%
City	1,400	2,100	50.0%
Other Local Government	700	700	0.0%

Sacramento Regional Research Institute, December 2004

Data Source: Employment Development Department, Labor Market Information

Wages

Figure 44 shows wages for employees in selected occupations. Since this data is not available by county, the wages shown are for the entire Sacramento Primary Metropolitan Statistical Area (PMSA) that includes El Dorado, Placer, and Sacramento Counties.

FIGURE 44 PRIVATE SECTOR WAGES IN 2004

	Mean
	Annual
Occupational Title	Wage
General and Operations Managers	\$98,441
Pharmacists	\$94,022
Computer Software Engineers, Systems Software	\$90,820
Electrical Engineers	\$88,986
Advertising and Promotions Managers	\$84,705
Real Estate Brokers	\$84,310
Civil Engineers	\$70,296
Industrial Engineers	\$68,285
Computer Programmers	\$67,379
Computer Systems Analysts	\$64,870
Operations Research Analysts	\$59,215
Database Administrators	\$58,976
Financial Analysts	\$58,018
Registered Nurses	\$57,668
Multi-Media Artists and Animators	\$53,715
Police and Sheriff's Patrol Officers	\$53,349
Legal Secretaries	\$40,985
Child, Family, and School Social Workers	\$39,724
Construction Laborers	\$34,033
Emergency Medical Technicians and Paramedics	\$29,483
Data Entry Keyers	\$27,441
Retail Salespersons	\$24,343
Packers and Packagers, Hand	\$19,549

Sacramento Regional Research Institute, December 2004
Data Source: Employment Development Department, OES Employment and Wages by Occupation

Major Employers

Figure 45 lists the largest private sector employers in Placer County. The employers represent a wide spectrum of industry sectors and sub-sectors including manufacturing, information technology, financial services, health and tourism sectors.

FIGURE 45 LARGEST PRIVATE SECTOR EMPLOYERS IN PLACER COUNTY

Company Name	City/County	Industry	Employment
Hewlett-Packard	Roseville, Rocklin	Computer & Office Equipment Mfg.	4,000
Kaiser Medical Center & Offices	Roseville	Hospitals	2,707
Thunder Valley Casino	Placer County	Casinos	2,200
Sutter Roseville Medical Center	Roseville	Hospitals	1,672
Squaw Valley Ski Corp.*	Olympic Valley	Misc. Amusement, Recreation Svcs.	1,500
Union Pacific Railroad	Roseville	Transportation, Railroad	1,200
Pride Industries	Auburn/Roseville	Individual & Family Svcs.	1,050
SureWest Communications	Roseville	Telecommunication Svcs.	1,000
NEC Electronics USA Inc.	Roseville	Electronic Components & Accessories	850
Sutter Auburn Faith Hospital	Auburn	Hospitals	750
Solectron Global Services*	Lincoln	Software Design & Logistics	708
John L Sullivan Automotive Group	Roseville	Automobile Dealerships	640
TASQ Technology Inc.	Rocklin	Financial Transaction Systems	580
Agilent Technologies	Roseville	High Tech Mfg.	550
Alpine Meadows Ski Resort*	Olympic Valley	Misc. Amusement, Recreation Svcs.	500
Oracle Corp.	Rocklin	Computer & Data Processing Svcs.	450
Nordstrom's	Roseville	Retail, Department Store	450
Formica Corp.	Rocklin	Table or Counter Tops Mfg.	355
Ace Hardware Retail Support Center	Rocklin	Warehouse Retail Hardware Store	350
Coherent Auburn Group	Auburn	Electronic Components & Accessories	329
Sierra Pacific Industries	Lincoln	Sawmills & Planning Mills	320
Albertson's Distribution Center	Roseville	Retail Distribution	300
Placer Sierra Bank*	Placer County	Banking Svcs.	279

Sacramento Regional Research Institute, December 2004

Data Source: Above listed companies, Sacramento Business Journal. Current as of December 2004.

Figure 46 lists the number of establishments by industry in Placer County as well as the average monthly employees in each industry. The Trade, Transportation & Utilities, Professional and Business Services and Construction have the largest number of establishments in the county. In terms of average monthly employment, the sectors with the largest employment include Trade, Transportation & Utilities, Leisure & Hospitality, and Local Government.

^{*}Note: Numbers include part-time and/or seasonal employees.

FIGURE 46 NUMBER OF ESTABLISHMENTS BY INDUSTRY IN PLACER COUNTY (1st QUARTER 2004)

	Number of	Average Monthly
Industry	Establishments	Employment
Total All Private Industries	9,231	112,023
Natural Resources and Mining	75	617
Construction	1,439	15,940
Manufacturing	310	10,477
Trade, Transportation, and Utilities	1,563	24,724
Information	150	2,877
Financial Activities	1,080	9,489
Professional and Business Services	1,502	14,348
Education and Health Services	905	12,619
Leisure and Hospitality	781	17,265
Other Services	1,412	3,641
Unclassified	14	24
Total Government	259	17,339
Federal Government	37	654
State Government	15	320
Local Government	207	16,365

Sacramento Regional Research Institute, December 2004

Data Source: California Employment Development Department, Labor Market Information

Note: Average monthly employment is an average for the entire year and includes full and part-time employees.

Figure 47 names some of the companies that expanded or relocated to Placer County between 1999 through 2004.

FIGURE 47 COMPANY FACILITIES EXPANDED OR RELOCATED TO PLACER COUNTY BETWEEN 1999 AND 2004

Company	City/County	Industry	Employment
The Gap	Placer County	Call Center	1,000
TASQ Technologies	Rocklin	Financial Transaction Systems	580
Agilent Technologies, Inc.	Roseville	High Tech Mfg.	550
Ace Hardware Corp.	Rocklin	Retail Support Center	350
Greenheck Fan Corp.	Placer County	Mfg.	200
NextLink	Roseville	Internet Service Provider	200
Oracle Corp.	Rocklin	Software Development	200
Varian Electronics Manufacturing	Rocklin	Electronics Mfg.	130
Esurance	Rocklin	Online Auto Insurance	90
Sierra Logic, Inc.	Roseville	High-performance Silicon Storage	60
XO Communications	Roseville	Broadband Communications Svcs.	55
Performance Polymer Technologies	Roseville	Precision Devices Mfg.	50
Softmatrix, Inc.	Roseville	Tech. Staffing & Software Consulting	41
Galil Motion Control	Rocklin	Robotic Controls	35
Schott Applied Power Corp.	Rocklin	Solar Energy Systems	34
Dovebid Test & Measurement Group	Roseville	Electronic Test & Measurmt. Devices	20
Dynesco, Inc.	Roseville	Electronic Mfg. & Assembly	12
Qualtier Technology	Roseville	IT Consulting	10
Quailogy	Roseville	IT Consulting	10
Infinite Solutions, Inc.	Roseville	Software Development & Consulting	10
Applied Networking & Systems Integration, Inc.	Roseville	Software Developer	8

Sacramento Regional Research Institute, December 2004

Data Source: SACTO, "Located Companies List", December 2004, The Business Journal, "High Tech Direct Almanac 2004".

Employee Recruitment and Training Programs

Golden Sierra One-Stop Career Center

The On-the-Job Training program sponsored by the Golden Sierra Job Training Agency meets specific employment needs through employee recruitment and training programs and employee placement assistance. On-the-Job Training agreements are individually negotiated and usually average three months. An applicant's experience and job complexity determines the amount of time needed for training. An employer may be reimbursed up to 50 percent of the gross wages paid to the employee during this training period.

Golden Sierra also operates a One-Stop Career Center, providing a comprehensive array of information and services integrating local labor market, vocational schools/community colleges, job match data, resume assistance, internet access to job announcements, and an on-site representative from the local Employment Development Department.

Employment Training Panel

The Employment Training Panel is a California State agency created in 1982 as a cooperative business-labor program to retrain workers. The Panel was designed to fund training that meets the needs of employers for skilled workers and the need of workers for good, long-term jobs. This employer-supported training is used to improve the economic climate by training new workers and retraining workers in danger of being laid off as a result of technological advancements in the workplace, and because of foreign and domestic competition.

The Employment Training Panel provides funding for training programs in private industry that can be used to train new hires (unemployment insurance recipients), welfare recipients, small business owners (entrepreneurs), and to retain current employees. The Panel also contracts with employers, training agencies (schools) and employer groups to reimburse training costs through performance-based agreements.

In 2004, supported by the Employment Training Panel funding, Placer County Office of Economic Development (OED) started providing training needs assistance to local manufacturers. Approximately one hundred workers will benefit from 24- to 80-hour courses in continuous improvement, lean manufacturing, soldering, supervisory, management, computer and business skills.

CalWORKS Program

CalWORKS is an employment and training program for people who have been receiving temporary assistance for needy families and are ready to re-enter the workforce. The CalWORKS program provides a number of services to prepare a potential employee to be competitive in the local labor market. It also provides a variety of services to prospective employers. Applicants are screened to meet specific qualifications and referrals, and are scheduled at the convenience of the employer.

The benefits of the CalWORKS program include the following:

- Quality employees of your choice
- No fee employment service
- Potential qualification for tax credits
- Potential reimbursement for on-the-job training
- Recognition for community involvement

Sierra College

Placer County offers small business assistance programs through the Sierra College Small Business Development Center (SBDC) and the Sierra Economic Development District (SEDD). SBDC offers counseling, training, and support for businesses. SBDC

covers topics such as business startup and acquisition, sources of capital, marketing, government procurement, accounting, financial analysis, inventory, research, personnel, and many more programs. Information regarding SBDC can be found on their web site at www.sbdcsierra.org.

SEDD's primary goal is to alleviate unemployment and underemployment by expanding industrial, resource, and small business development by preserving the quality of life in the Sierra Nevada Foothills. SEDD provides Small Business Administration micro-loans to help support business initiation or expansion. SEDD also helps cities start their own business loan program. In addition, they assist jurisdictions in obtaining funding for infrastructure required for economic expansion.

In the spring of 2005, Sierra College will start offering a California State University, Sacramento (CSUS) continued education program designed for fully employed adult students. The program will enable local full-time employees to obtain Bachelor's Degrees in organizational communication, arts, humanities and psychology through completing six-week accelerated night courses. The curriculum will also offer three upper division core classes in business administration and nine units of upper division general education.