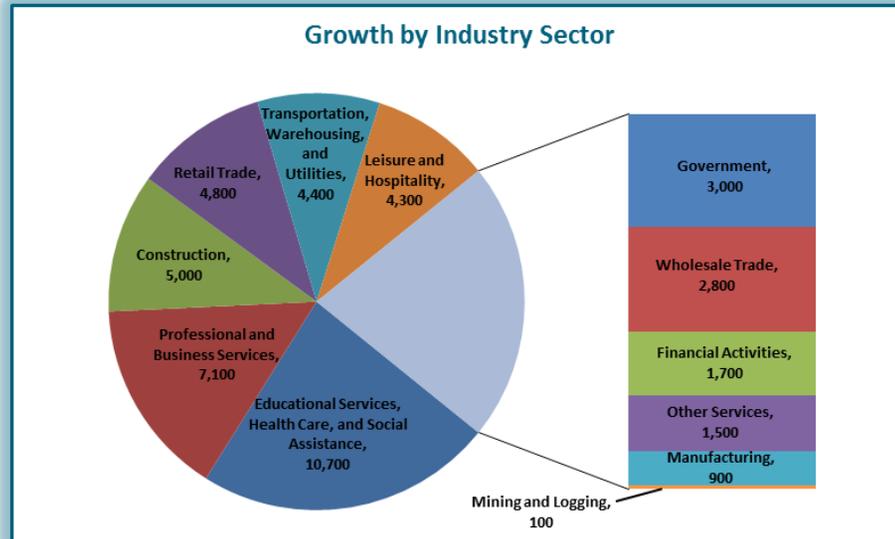


Industry Employment, which includes self-employment, unpaid family workers, private household workers, farm, and nonfarm employment in San Joaquin County, is expected to reach 274,100 by 2022, an increase of 21.0 percent over the 10-year projection period. Twelve of 13 nonfarm industry sectors are projected to grow between 2012 and 2022.



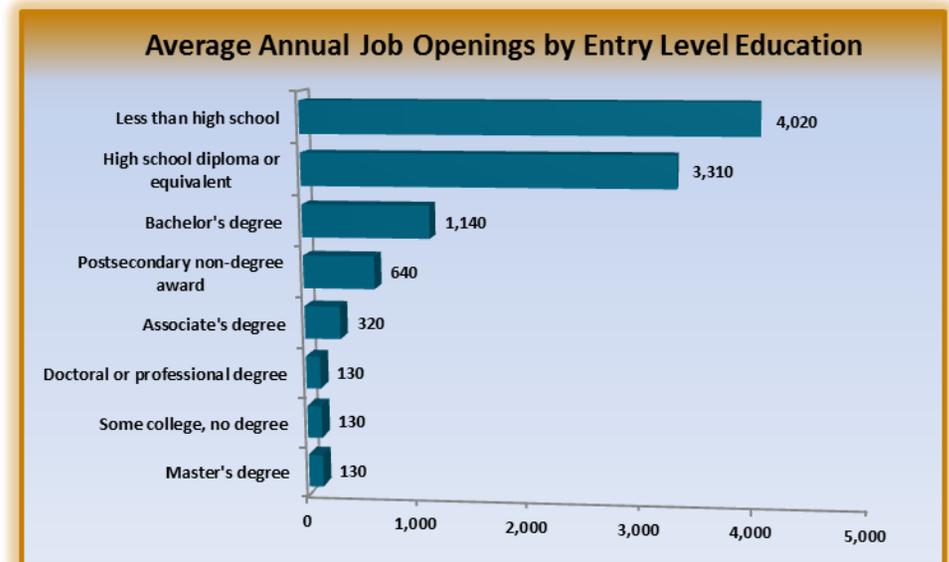
Total nonfarm employment is projected to grow by nearly 46,100 jobs by 2022. Sixty percent of all projected nonfarm job growth is concentrated in four industry sectors.

- Educational services (private), health care, and social assistance is projected to add 10,700 jobs. The subsector with the fastest annual growth is health care and social assistance (3.5 percent).
- Professional and business services is projected to add 7,100 jobs.
- Construction is projected to add 5,000 jobs, the third largest increase.
- Retail trade is projected to add 4,800 jobs, led by the growth of 1,300 jobs in general merchandise stores.

Occupational Employment forecasts 50,500 new jobs from industry growth and approximately 53,500 job openings from replacement needs for a combined total of more than 104,000 job openings.

The 50 occupations with the most job openings are forecasted to generate about 59,790 total job openings, which is about 57 percent of all job openings. The top three occupations with the most job openings are retail salespersons; laborers and freight, stock, and material movers, hand; and personal care aides. These occupations have median wages ranging from approximately \$9.50 to \$12 per hour and require less than a high school education. Higher-skilled occupations, requiring a bachelor's degree or higher, include general and operations managers; elementary, middle and secondary, school teachers; and accountants and auditors.

The 50 fastest growing occupations anticipate an annual growth rate of 3.0 percent or higher. Twenty-two percent of the fastest growing occupations are in construction and extraction group. Some of the occupations include construction laborers; electricians; and painters, construction and maintenance. These occupations require less than a high school education to a high school diploma with median wages of \$19.17 to \$31.72 an hour.



The following table, categorized by entry-level education, provides a summary of the fastest- and largest-growing occupations.

2012-2022 Comparison of Growing Occupations by Entry Level Education San Joaquin County

Fastest Growing (New Jobs from Industry Growth)	Entry Level Education	Largest Growing (New Jobs and Replacement Needs)
<p>Health Specialties Teachers, Postsecondary (47.1% or 160 jobs) Physical Therapists (29.2% or 70 jobs) Lawyers (22.6% or 120 jobs) Pharmacists (14.3% or 80 jobs) Clinical, Counseling, and School Psychologists (2.5% or 10 jobs)</p>	Doctoral or Professional Degree	<p>Pharmacists (220 jobs) Health Specialties Teachers, Postsecondary (210 jobs) Lawyers (200 jobs) Clinical, Counseling, and School Psychologists (130 jobs) Physical Therapists (130 jobs)</p>
<p>Healthcare Social Workers (19.0% or 40 jobs) Educational, Guidance, School, and Vocational Counselors (16.2% or 60 jobs) Instructional Coordinators (14.3% or 60 jobs) Education Administrators, Elementary and Secondary School (10.9% or 50 jobs) Speech-Language Pathologists (10.5% or 40 jobs)</p>	Master's Degree	<p>Education Administrators, Elementary and Secondary School (180 jobs) Educational, Guidance, School, and Vocational Counselors (140 jobs) Instructional Coordinators (100 jobs) Speech-Language Pathologists (100 jobs) Healthcare Social Workers (80 jobs)</p>
<p>Market Research Analysts and Marketing Specialists (64.3% or 180 jobs) Cost Estimators (58.0% or 290 jobs) Computer Systems Analysts (39.1% or 90 jobs) Construction Managers (38.1% or 320 jobs) Administrative Services Managers (32.5% or 130 jobs)</p>	Bachelor's Degree	<p>General and Operations Managers (1,380 jobs) Elementary School Teachers, Except Special Education (950 jobs) Accountants and Auditors (640 jobs) Secondary School Teachers, Except Special and Career/Technical Education (620 jobs) Middle School Teachers, Except Special and Career/Technical Education (580 jobs)</p>
<p>Registered Nurses (33.4% or 1,220 jobs) Respiratory Therapists (32.1% or 90 jobs) Radiologic Technologists (31.8% or 70 jobs) Computer Network Support Specialists (29.2% or 70 jobs) Preschool Teachers, Except Special Education (28.1% or 160 jobs)</p>	Associate's Degree	<p>Registered Nurses (1,930 jobs) Preschool Teachers, Except Special Education (320 jobs) Dental Hygienists (150 jobs) Respiratory Therapists (130 jobs) Computer Network Support Specialists (110 jobs)</p>
<p>Heating, Air Conditioning, and Refrigeration Mechanics and Installers (44.0% or 110 jobs) Phlebotomists (38.5% or 100 jobs) Licensed Practical and Licensed Vocational Nurses (37.7% or 400 jobs) Medical Records and Health Information Technicians (34.5% or 100 jobs) Telecommunications Equipment Installers and Repairers, Except Line Installers (34.5% or 100 jobs)</p>	Postsecondary Non-degree Award	<p>Heavy and Tractor-Trailer Truck Drivers (2,490 jobs) Nursing Assistants (970 jobs) Licensed Practical and Licensed Vocational Nurses (660 jobs) Medical Assistants (410 jobs) First-Line Supervisors of Production and Operating Workers (250 jobs)</p>
<p>Computer User Support Specialists (43.8% or 280 jobs) Teacher Assistants (17.4% or 370 jobs)</p>	Some College, No Degree	<p>Teacher Assistants (850 jobs) Computer User Support Specialists (380 jobs)</p>
<p>Bill and Account Collectors (91.0% or 610 jobs) Plumbers, Pipefitters, and Steamfitters (56.5% or 260 jobs) First-Line Supervisors of Construction Trades and Extraction Workers (54.9% or 280 jobs) Electricians (50.6% or 400 jobs) Operating Engineers and Other Construction Equipment Operators (46.8% or 220 jobs)</p>	High School Diploma or Equivalent	<p>Office Clerks, General (1,350 jobs) First-Line Supervisors of Retail Sales Workers (1,090 jobs) Customer Service Representatives (1,050 jobs) First-Line Supervisors of Office and Administrative Support Workers (990 jobs) Secretaries and Administrative Assistants, Except Legal, Medical, and Executive (900 jobs)</p>
<p>Drywall and Ceiling Tile Installers (87.0% or 200 jobs) Painters, Construction and Maintenance (81.3% or 390 jobs) Personal Care Aides (71.0% or 3,190 jobs) Cement Masons and Concrete Finishers (65.2% or 150 jobs) Roofers (58.1% or 180 jobs)</p>	Less than High School	<p>Retail Salespersons (4,050 jobs) Laborers and Freight, Stock, and Material Movers, Hand (3,760 jobs) Personal Care Aides (3,510 jobs) Cashiers (3,210 jobs) Combined Food Preparation and Serving Workers, Including Fast Food (3,200 jobs)</p>

Excludes "All-Other" occupations and those with employment less than 200 in 2012.

Source: California Employment Development Department