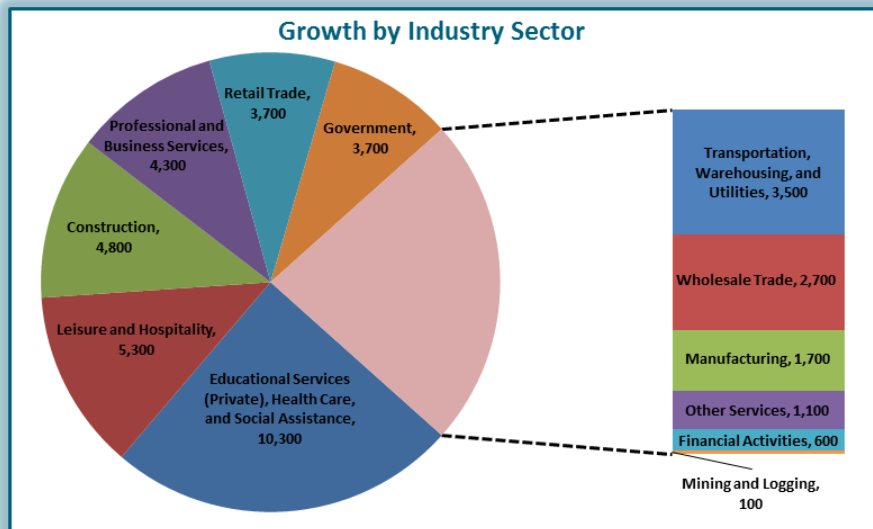


**Industry Employment**, which includes self-employment, private household workers, farm, and nonfarm employment in San Joaquin County, is expected to reach 288,700 by 2024, an increase of 19.3 percent over the 10-year projection period. Twelve of 13 nonfarm industry sectors are projected to grow between 2014 and 2024.

**Occupational Employment** forecasts approximately 48,500 new jobs from industry growth and nearly 57,200 job openings from replacement needs for a combined total of more than 105,700 job openings.

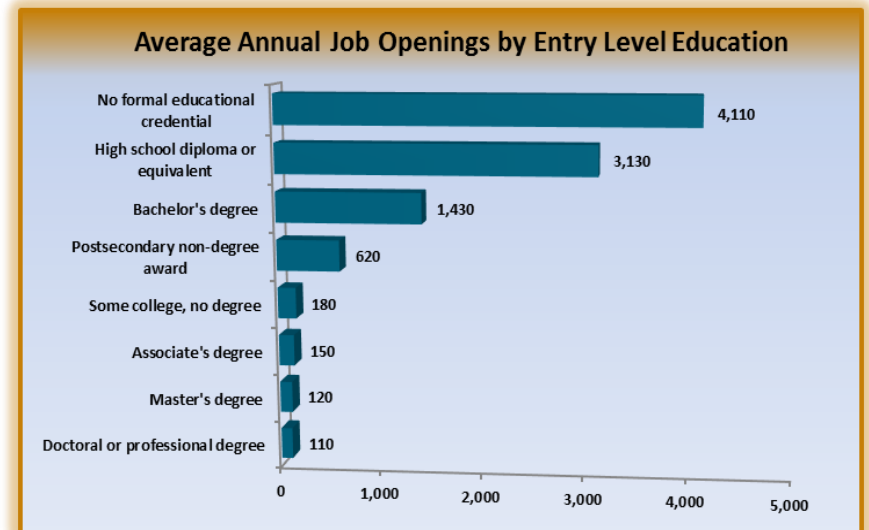
The 50 occupations with the most job openings are forecasted to generate more than 63,000 total job openings over the projection period, which is 60 percent of all job openings. The top three occupations with the most job openings are laborers and freight, stock, and material movers, hand; retail salespersons; and personal care aides. These occupations earn median wages ranging from \$9.50 to \$14.72 per hour and require no formal educational credential. Higher-skilled occupations, requiring a bachelor's degree or higher, include registered nurses; general and operations managers; and elementary school teachers, except special education.

The 50 fastest growing occupations anticipate an annual growth rate of 2.6 percent or higher. Twenty-four percent of the fastest growing occupations are construction related. Occupations range from personal care aides that require no formal educational credential and earn a median hourly wage of \$9.50 to construction managers which require a bachelor's degree and earn a median hourly wage of \$39.94.



Total nonfarm employment is projected to gain nearly 41,800 jobs by 2024. Fifty-nine percent of all projected nonfarm job growth is concentrated in four industry sectors.

- Educational services (private), health care, and social assistance is expected to add the most jobs, generating 10,300 jobs through the projection period. The educational services subsector has the fastest annual growth rate of 3.3 percent.
- Leisure and hospitality is projected to add 5,300 jobs, with the majority gains coming from the food service and drinking places subsector.
- Construction is projected to add 4,800 jobs, with an annual growth rate of 5.4 percent.
- Professional and business services is projected to add 4,300 jobs.



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

## 2014-2024 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)
Clinical, Counseling, and School Psychologists (21.6% or 80 jobs) Family and General Practitioners (19.0% or 40 jobs) Pharmacists (14.1% or 100 jobs) Dentists, General (13.3% or 40 jobs) Physical Therapists (4.5% or 20 jobs)	<b>Doctoral or Professional Degree</b>	Pharmacists (260 jobs) Clinical, Counseling, and School Psychologists (160 jobs) Physical Therapists (140 jobs) Dentists, General (100 jobs) Family and General Practitioners (100 jobs)
Education Administrators, Elementary and Secondary School (19.5% or 80 jobs) Instructional Coordinators (19.0% or 80 jobs) Speech-Language Pathologists (18.8% or 60 jobs) Healthcare Social Workers (13.0% or 30 jobs) Occupational Therapists (8.8% or 30 jobs)	<b>Master's Degree</b>	Education Administrators, Elementary and Secondary School (200 jobs) Speech-Language Pathologists (140 jobs) Instructional Coordinators (120 jobs) Educational, Guidance, School, and Vocational Counselors (110 jobs) Occupational Therapists (90 jobs)
Cost Estimators (42.9% or 180 jobs) Market Research Analysts and Marketing Specialists (39.3% or 110 jobs) Construction Managers (35.6% or 210 jobs) Administrative Services Managers (28.6% or 100 jobs) Computer Systems Analysts (28.6% or 80 jobs)	<b>Bachelor's Degree</b>	Registered Nurses (1,860 jobs) General and Operations Managers (1,530 jobs) Elementary School Teachers, Except Special Education (1,040 jobs) Substitute Teachers (780 jobs) Accountants and Auditors (690 jobs)
Veterinary Technologists and Technicians (35.0% or 70 jobs) Medical and Clinical Laboratory Technicians (28.6% or 60 jobs) Preschool Teachers, Except Special Education (28.2% or 220 jobs) Respiratory Therapists (16.7% or 40 jobs) Dental Hygienists (16.0% or 40 jobs)	<b>Associate's Degree</b>	Preschool Teachers, Except Special Education (450 jobs) Medical and Clinical Laboratory Technicians (110 jobs) Respiratory Therapists (100 jobs) Veterinary Technologists and Technicians (90 jobs) Dental Hygienists (80 jobs)
Heating, Air Conditioning, and Refrigeration Mechanics and Installers (52.4% or 220 jobs) Medical Assistants (34.5% or 480 jobs) Nursing Assistants (29.3% or 600 jobs) Medical Records and Health Information Technicians (20.0% or 50 jobs) Dental Assistants (17.4% or 120 jobs)	<b>Postsecondary Non-degree Award</b>	Heavy and Tractor-Trailer Truck Drivers (1,980 jobs) Nursing Assistants (1,060 jobs) Medical Assistants (770 jobs) Licensed Practical and Licensed Vocational Nurses (450 jobs) Automotive Service Technicians and Mechanics (380 jobs)
Computer User Support Specialists (65.4% or 340 jobs) Teacher Assistants (21.5% or 470 jobs) Bookkeeping, Accounting, and Auditing Clerks (6.5% or 150 jobs)	<b>Some College, No Degree</b>	Teacher Assistants (990 jobs) Computer User Support Specialists (410 jobs) Bookkeeping, Accounting, and Auditing Clerks (370 jobs)
Brickmasons and Blockmasons (95.0% or 190 jobs) Bill and Account Collectors (53.2% or 330 jobs) Electricians (48.6% or 350 jobs) Machinists (46.2% or 180 jobs) Real Estate Sales Agents (45.9% or 170 jobs)	<b>High School Diploma or Equivalent</b>	Office Clerks, General (1,550 jobs) Farmers, Ranchers, and Other Agricultural Managers (1,430 jobs) Packaging and Filling Machine Operators and Tenders (1,340 jobs) Maintenance and Repair Workers, General (1,020 jobs) Customer Service Representatives (1,020 jobs)
Roofers (103.8% or 270 jobs) Cement Masons and Concrete Finishers (79.4% or 270 jobs) Taxi Drivers and Chauffeurs (60.0% or 120 jobs) Cooks, Institution and Cafeteria (53.8% or 210 jobs) Construction Laborers (46.6% or 690 jobs)	<b>No Formal Educational Credential</b>	Laborers and Freight, Stock, and Material Movers, Hand (4,480 jobs) Retail Salespersons (3,750 jobs) Personal Care Aides (3,390 jobs) Combined Food Preparation and Serving Workers, Including Fast Food (3,180 jobs) Cashiers (3,160 jobs)

Excludes "All-Other" occupations and those with employment less than 200 in 2014.

Source: California Employment Development Department