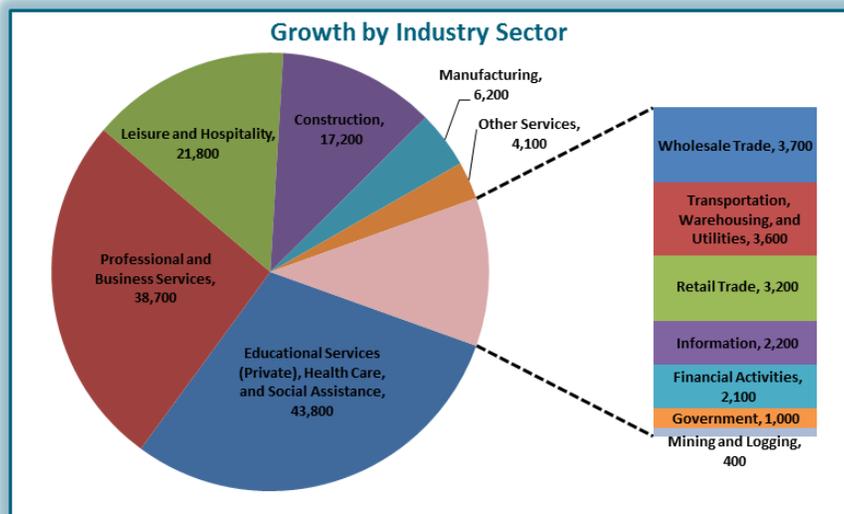


Industry Employment, which includes self-employment, private household workers, farm, and nonfarm employment in Alameda and Contra Costa Counties, is expected to reach 1,295,900 by 2024, an increase of 14.1 percent over the 10-year projection period. All nonfarm industry sectors are projected to grow between 2014 and 2024.

Occupational Employment forecasts 167,200 new jobs from industry growth and approximately 259,200 job openings from replacement needs for a combined total of more than 426,300 job openings.

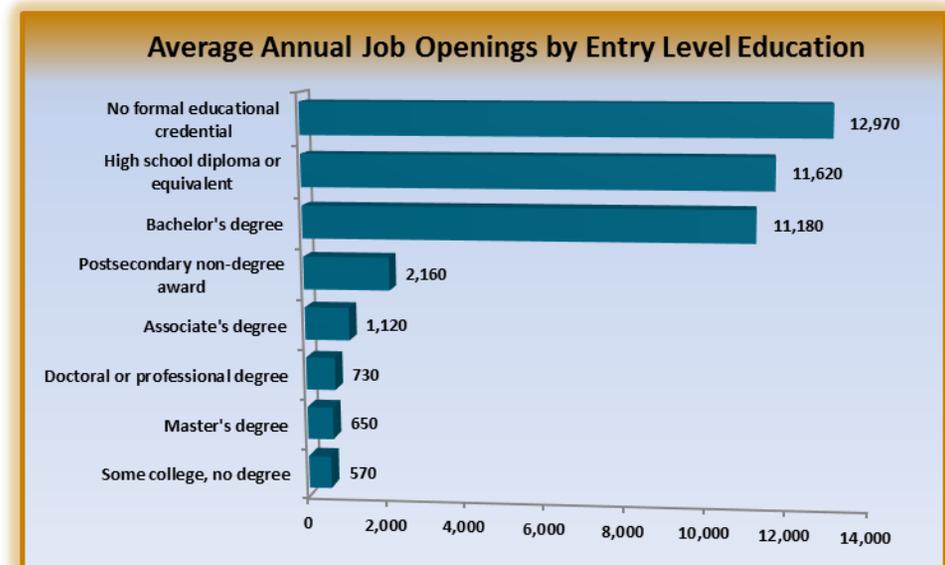
The 50 occupations with the most job openings are forecasted to generate about 211,900 total job openings over the projections period, which is about 50 percent of all job openings. Sixty-eight percent of the list is comprised of occupations that have an entry level education of a high school diploma or less. Among the top ten occupations on the list, occupations requiring a bachelor's degree or higher include registered nurses and general and operational managers. These occupations have a median hourly wage of \$62.63 and \$55.90, respectively.

The 50 fastest growing occupations anticipate a growth rate of 25.7 percent or higher. Nearly a quarter of the occupations are in a construction related field due to the recovering construction industry. These occupations require high school education or less and have a median hourly wage that ranges from \$18.80 to \$40.99.



Total nonfarm employment is projected to grow by nearly 148,200 jobs by 2024. Seventy percent of all projected nonfarm job growth is concentrated in three industry sectors.

- Educational services (private), health care, and social assistance is projected to add the most jobs, generating 43,800 jobs. This sector is also expected to be the second fastest growing sector (25.3 percent). Growth for the sector will be driven by demographic factors.
- Professional and business services is the area's largest industry sector and is expected to add 38,700 jobs.
- Leisure and hospitality is projected to add 21,800 jobs, with the majority of the growth in the food service and drinking places industry.



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 Alameda and Contra Costa Counties

Fastest Growing (New Jobs from Industry Growth)	Entry Level Education	Largest Growing (New Jobs and Replacement Needs)
Biochemists and Biophysicists (34.4% or 320 jobs) Computer and Information Research Scientists (27.1% or 130 jobs) Physical Therapists (26.3% or 410 jobs) Clinical, Counseling, and School Psychologists (23.7% or 600 jobs) Family and General Practitioners (23.1% or 250 jobs)	Doctoral or Professional Degree	Lawyers (1,310 jobs) Clinical, Counseling, and School Psychologists (1,140 jobs) Physical Therapists (830 jobs) Pharmacists (640 jobs) Biochemists and Biophysicists (570 jobs)
Nurse Practitioners (38.1% or 320 jobs) Healthcare Social Workers (26.7% or 310 jobs) Rehabilitation Counselors (23.6% or 290 jobs) Health Diagnosing and Treating Practitioners, All Other (21.4% or 90 jobs) Occupational Therapists (20.5% or 160 jobs)	Master's Degree	Educational, Guidance, School, and Vocational Counselors (780 jobs) Healthcare Social Workers (590 jobs) Education Administrators, Elementary and Secondary School (590 jobs) Rehabilitation Counselors (550 jobs) Physician Assistants (540 jobs)
Biomedical Engineers (44.6% or 290 jobs) Software Developers, Applications (41.8% or 3,680 jobs) Operations Research Analysts (40.3% or 270 jobs) Multimedia Artists and Animators (38.5% or 370 jobs) Market Research Analysts and Marketing Specialists (35.3% or 1,800 jobs)	Bachelor's Degree	Registered Nurses (9,190 jobs) General and Operations Managers (7,440 jobs) Software Developers, Applications (4,940 jobs) Accountants and Auditors (4,130 jobs) Computer Systems Analysts (3,460 jobs)
Web Developers (50.0% or 720 jobs) Diagnostic Medical Sonographers (43.6% or 240 jobs) Veterinary Technologists and Technicians (34.2% or 390 jobs) Medical and Clinical Laboratory Technicians (32.7% or 360 jobs) Environmental Science and Protection Technicians, Including Health (29.8% or 140 jobs)	Associate's Degree	Preschool Teachers, Except Special Education (1,470 jobs) Web Developers (900 jobs) Electrical and Electronics Engineering Technicians (750 jobs) Radiologic Technologists (680 jobs) Medical and Clinical Laboratory Technicians (620 jobs)
Medical Assistants (34.9% or 1,830 jobs) Surgical Technologists (28.4% or 190 jobs) Electrical and Electronics Repairers, Commercial and Industrial Equipment (26.4% or 140 jobs) Medical Records and Health Information Technicians (25.7% or 350 jobs) Nursing Assistants (25.4% or 2,200 jobs)	Postsecondary Non-degree Award	Nursing Assistants (4,160 jobs) Medical Assistants (2,920 jobs) Licensed Practical and Licensed Vocational Nurses (2,110 jobs) Heavy and Tractor-Trailer Truck Drivers (1,920 jobs) Automotive Service Technicians and Mechanics (1,510 jobs)
Computer User Support Specialists (21.1% or 760 jobs) Teacher Assistants (8.5% or 810 jobs)	Some College, No Degree	Teacher Assistants (3,090 jobs) Computer User Support Specialists (1,230 jobs)
Self-Enrichment Education Teachers (43.8% or 1,280 jobs) Solar Photovoltaic Installers (40.7% or 240 jobs) Insulation Workers, Mechanical (35.7% or 150 jobs) Cabinetmakers and Bench Carpenters (35.6% or 210 jobs) Hazardous Materials Removal Workers (34.0% or 360 jobs)	High School Diploma or Equivalent	Office Clerks, General (6,170 jobs) Customer Service Representatives (4,520 jobs) Carpenters (4,170 jobs) First-Line Supervisors of Office and Administrative Support Workers (3,100 jobs) Security Guards (2,910 jobs)
Roofers (53.4% or 940 jobs) Cement Masons and Concrete Finishers (37.5% or 510 jobs) Tapers (34.6% or 180 jobs) Cooks, Restaurant (34.1% or 2,720 jobs) Drywall and Ceiling Tile Installers (32.3% or 700 jobs)	No Formal Educational Credential	Cashiers (12,230 jobs) Personal Care Aides (11,380 jobs) Combined Food Preparation and Serving Workers, Including Fast Food (11,090 jobs) Waiters and Waitresses (10,540 jobs) Retail Salespersons (10,380 jobs)

Excludes "All-Other" occupations and those with employment less than 400 in 2014.

Source: California Employment Development Department