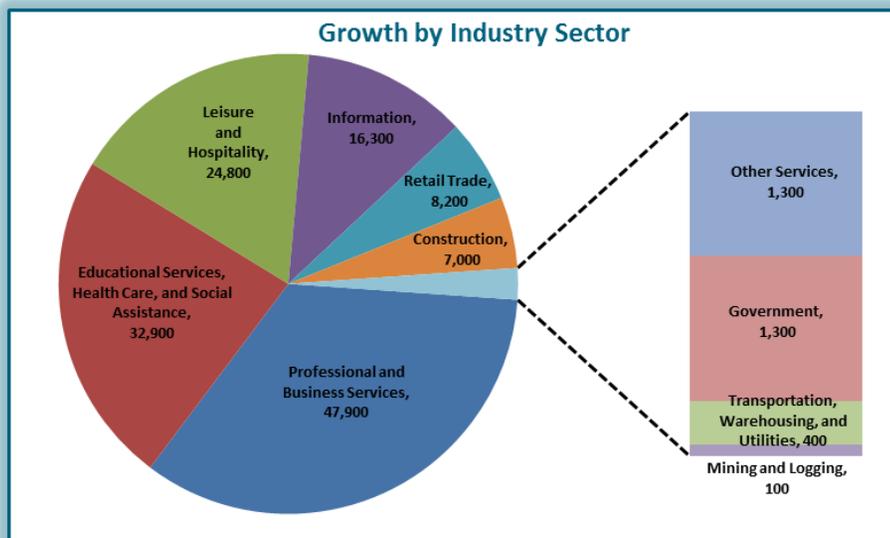


Industry Employment, which includes self-employment, unpaid family workers, private household workers, farm, and nonfarm employment in Marin, San Francisco, and San Mateo Counties, is expected to reach 1,249,200 by 2022, an increase of 12.3 percent over the 10-year projection period. Ten of 13 nonfarm industry sectors are projected to grow between 2012 and 2022.



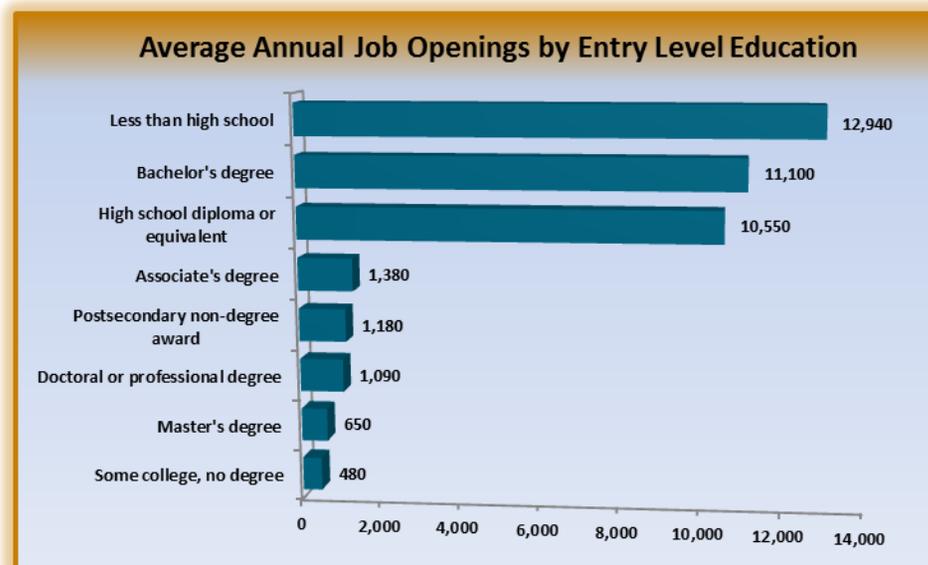
Total nonfarm employment is projected to grow by approximately 132,200 jobs by 2022. Nearly 80 percent of all projected nonfarm job growth is concentrated in three industry sectors.

- Professional and business services is the area's largest industry sector, and is expected to add 47,900 jobs. More than a third of the nonfarm growth is projected to be in this sector.
- Educational services, health care and social assistance anticipates job gains of 32,900 with more than a third of the growth concentrated in social assistance
- Leisure and hospitality is projected to add 24,800 jobs, with the majority of gains in the accommodation and food services subsector.

Occupational Employment forecasts 151,300 new jobs from industry growth and nearly 254,400 job openings from replacement needs for a combined total of more than 405,600 job openings.

The 50 occupations with the most job openings are forecasted to generate nearly 217,900 total job openings, which is 54 percent of all job openings. Six out of every 10 occupations on this list have an entry level education level of a high school diploma or less and range in hourly wage of \$10 to \$48. Higher skilled job, those requiring an associate's degree or higher, range from accountants and auditors that pay more than \$37 an hour to lawyers that pay \$76 an hour.

The 50 fastest growing occupations are projected to grow 23 percent or higher over the projection period. More than 40 percent of the fastest growing occupations are in science, engineering, mathematics, and information technology related fields with an entry level education requirement of some college, no degree to doctoral or professional degree. Occupations range from biological technicians that pay a median wages of more than \$32 per hour to computer network architects that pay approximately \$61 per 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 Marin, San Francisco, and San Mateo Counties

Fastest Growing (New Jobs from Industry Growth)	Entry Level Education	Largest Growing (New Jobs and Replacement Needs)
Computer and Information Research Scientists (34.7% or 350 jobs) Biochemists and Biophysicists (31.7% or 260 jobs) Medical Scientists, Except Epidemiologists (25.3% or 1,130 jobs) Physical Therapists (22.6% or 190 jobs) Physicists (22.4% or 130 jobs)	Doctoral or Professional Degree	Lawyers (3,640 jobs) Medical Scientists, Except Epidemiologists (2,060 jobs) Pharmacists (580 jobs) Clinical, Counseling, and School Psychologists (560 jobs) Computer and Information Research Scientists (510 jobs)
Economists (56.6% or 430 jobs) Statisticians (46.7% or 210 jobs) Nurse Practitioners (30.6% or 150 jobs) Rehabilitation Counselors (17.8% or 160 jobs) Mental Health Counselors (16.7% or 180 jobs)	Master's Degree	Economists (660 jobs) Educational, Guidance, School, and Vocational Counselors (560 jobs) Education Administrators, Elementary and Secondary School (430 jobs) Urban and Regional Planners (430 jobs) Mental Health Counselors (410 jobs)
Biomedical Engineers (68.5% or 370 jobs) Logisticians (42.4% or 530 jobs) Market Research Analysts and Marketing Specialists (41.3% or 4,230 jobs) Interpreters and Translators (40.7% or 350 jobs) Operations Research Analysts (40.3% or 290 jobs)	Bachelor's Degree	Software Developers, Applications (7,250 jobs) Accountants and Auditors (6,060 jobs) General and Operations Managers (5,680 jobs) Market Research Analysts and Marketing Specialists (5,630 jobs) Management Analysts (5,450 jobs)
Web Developers (34.4% or 1,310 jobs) Medical and Clinical Laboratory Technicians (23.1% or 240 jobs) Social Science Research Assistants (22.0% or 90 jobs) Paralegals and Legal Assistants (19.7% or 630 jobs) Computer Network Support Specialists (18.6% or 460 jobs)	Associate's Degree	Registered Nurses (4,790 jobs) Web Developers (1,910 jobs) Preschool Teachers, Except Special Education (1,440 jobs) Paralegals and Legal Assistants (1,160 jobs) Computer Network Support Specialists (850 jobs)
Skincare Specialists (37.3% or 190 jobs) Telecommunications Equipment Installers and Repairers, Except Line Installers (34.1% or 440 jobs) Medical Assistants (24.5% or 1,010 jobs) Emergency Medical Technicians and Paramedics (23.1% or 180 jobs) Surgical Technologists (18.9% or 100 jobs)	Postsecondary Non-degree Award	Medical Assistants (1,800 jobs) Nursing Assistants (1,530 jobs) Firefighters (920 jobs) Licensed Practical and Licensed Vocational Nurses (860 jobs) Hairdressers, Hairstylists, and Cosmetologists (780 jobs)
Computer User Support Specialists (27.6% or 1,430 jobs) Teacher Assistants (9.9% or 690 jobs)	Some College, No Degree	Teacher Assistants (2,270 jobs) Computer User Support Specialists (2,250 jobs) Computer, Automated Teller, and Office Machine Repairers (320 jobs)
Hotel, Motel, and Resort Desk Clerks (30.8% or 700 jobs) Medical Secretaries (26.6% or 1,200 jobs) Mixing and Blending Machine Setters, Operators, and Tenders (26.2% or 160 jobs) Substance Abuse and Behavioral Disorder Counselors (25.6% or 110 jobs) First-Line Supervisors of Food Preparation and Serving Workers (23.0% or 1,290 jobs)	High School Diploma or Equivalent	Office Clerks, General (5,230 jobs) Customer Service Representatives (4,180 jobs) Security Guards (3,820 jobs) Secretaries and Administrative Assistants, Except Legal, Medical, and Executive (3,510 jobs) First-Line Supervisors of Office and Administrative Support Workers (3,460 jobs)
Personal Care Aides (46.7% or 12,500 jobs) Home Health Aides (38.0% or 1,200 jobs) Cooks, Restaurant (26.0% or 2,560 jobs) Food Servers, Nonrestaurant (24.6% or 480 jobs) Combined Food Preparation and Serving Workers, Including Fast Food (24.2% or 3,320 jobs)	Less than High School	Personal Care Aides (14,430 jobs) Waiters and Waitresses (14,130 jobs) Cashiers (10,930 jobs) Retail Salespersons (10,840 jobs) Combined Food Preparation and Serving Workers, Including Fast Food (8,570 jobs)

Excludes "All-Other" occupations and those with employment less than 400 in 2012.

Source: California Employment Development Department