

53 High-Demand/High-Wage/High-Skill Occupations

SOC Code	Specific Occupation Titles
11-2021	Marketing Managers
11-3021	Computer and Information Systems Managers
11-9033	Education Administrators, Post-secondary
11-9111	Medical and Health Services Managers
11-9151	Social and Community Service Managers
13-1071	Employment, Recruitment, and Placement Specialists
13-1072	Compensation, Benefits, and Job Analysis Specialists
13-1073	Training and Development Specialists
13-1079	Human Resources, Training, and Labor Relations Specialists, All Other
13-1111	Management Analysts
13-1199	Business Operations Specialists, All Other
13-2011	Accountants and Auditors
13-2051	Financial Analysts
13-2052	Personal Financial Advisors
15-1031	Computer Software Engineers, Applications
15-1032	Computer Software Engineers, Systems Software
15-1051	Computer Systems Analysts
15-1061	Database Administrators
15-1071	Network and Computer Systems Administrators
15-1081	Network Systems and Data Communications Analysts
17-1011	Architects, Except Landscape and Naval
17-2051	Civil Engineers
17-2081	Environmental Engineers
17-2112	Industrial Engineers
19-1021	Biochemists and Biophysicists
19-1042	Medical Scientists, Except Epidemiologists
19-2031	Chemists
19-2041	Environmental Scientists and Specialists, Including Health

SOC Code	Specific Occupation Titles
19-3021	Market Research Analysts
19-3031	Clinical, Counseling, and School Psychologists
21-1012	Educational, Vocational, and School Counselors
21-1022	Medical and Public Health Social Workers
25-1071	Health Specialties Teachers, Post-secondary
25-1121	Art, Drama, and Music Teachers, Post-secondary
25-1199	Postsecondary Teachers, All Other
25-2012	Kindergarten Teachers, Except Special Education
25-2021	Elementary School Teachers, Except Special Education
25-2022	Middle School Teachers, Except Special and Vocational Education
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School
25-2042	Special Education Teachers, Middle School
25-9031	Instructional Coordinators
27-1014	Multi-Media Artists and Animators
27-3031	Public Relations Specialists
27-3042	Technical Writers
29-1051	Pharmacists
29-1069	Physicians and Surgeons, All Other
29-1111	Registered Nurses
29-1122	Occupational Therapists
29-1123	Physical Therapists
29-2021	Dental Hygienists
29-2034	Radiologic Technologists and Technicians
41-3099	Sales Representatives, Services, All Other
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products

Definitions of High-Demand/High-Wage/High-Skill Occupations

High Demand: Those occupations with a projected growth rate (percent change) 25 percent above the 6.3 percent average employment growth rate (percent change) for all occupations, 2006-16, and having at least 1,000 net total job openings.

High Wage: Those occupations paying 25 percent more than the \$39,700 median salary reported for Massachusetts in 2008.

High Skill: Those occupations with education or training requirements of

- long-term on-the-job training lasting 1 or more years;
- work experience in a related occupation;
- post-secondary vocation award training
- associate's degree
- bachelor's degree
- master's degree
- doctoral degree
- first professional degree (e.g., M.D. J.D)