

Wages & Demand for America's Top 175 Occupations, 2012-2022

Jobs are created in two ways, by replacement and growth. *Replacement*: These are job openings to replace people who have left or changed jobs. Replacement accounts for about 6 out of every 10 hires. *Growth*: These are job openings created when a new business starts up or an existing business expands. Growth accounts for about 4 out of every 10 hires.



Education & Training Codes

- SH = Some High School
- HS = High School Diploma or Equivalent
- PS = Postsecondary Non-Degree Award
- SC = Some College, No Degree
- AD = Associate's Degree
- BD = Bachelor's Degree
- MA = Master's Degree
- PHD = Doctoral or Professional Degree

Thousands employed, full-time in 2012

Job openings created by growth, 2012-2022, in thousands

Job openings created by replacement, 2012-2022, in thousands

Typical education requirement

Median annual wage, in thousands (half the workers earn more, half earn less)

| Architecture & Engineering Occupations | | | | | |
|---|-------|-----|-----|----|------|
| Civil Engineers | 273 | 66 | 54 | BD | \$79 |
| Electrical Engineers | 166 | 36 | 8 | BD | \$88 |
| Industrial Engineers | 223 | 65 | 10 | BD | \$79 |
| Mechanical Engineers | 258 | 88 | 12 | BD | \$81 |
| Arts, Design, Entertainment, Sports & Media Occupations | | | | | |
| Actors | 80 | 26 | 3 | SC | 0 |
| Coaches & Scouts | 244 | 72 | 36 | HS | \$28 |
| Graphic Designers | 260 | 69 | 17 | BD | \$44 |
| Musicians & Singers | 167 | 45 | 9 | HS | 0 |
| Photographers | 136 | 14 | 6 | HS | \$28 |
| Public Relations Specialist | 229 | 31 | 27 | BD | \$54 |
| Writers & Authors | 129 | 28 | 4 | BD | \$56 |
| Building & Grounds Cleaning & Maintenance Occupations | | | | | |
| Janitors & Cleaners | 2,324 | 437 | 280 | SH | \$22 |
| Landscapers & Groundskeepers | 1,125 | 284 | 139 | SH | \$24 |
| Maids & Housekeeping Cleaners | 1,435 | 284 | 183 | SH | \$20 |
| Business & Financial Operations Occupations | | | | | |
| Accountants and auditors | 1,275 | 378 | 167 | BD | \$64 |
| Claims adjusters, examiners & investigators | 298 | 69 | 12 | HS | \$60 |
| Compliance officers | 240 | 44 | 11 | BD | \$62 |
| Financial Analysts | 253 | 62 | 39 | BD | \$77 |
| Loan Officers | 297 | 54 | 23 | HS | \$60 |
| Management Analysts | 719 | 111 | 134 | BD | \$79 |
| Market Research Analysts | 416 | 57 | 132 | BD | \$60 |
| Personal Financial Advisors | 223 | 36 | 60 | BD | \$68 |
| Purchasing Agents | 294 | 53 | 9 | HS | \$59 |
| Community & Social Service Occupations | | | | | |
| Child, Family & School Social Workers | 286 | 61 | 43 | BD | \$42 |
| Clergy | 240 | 49 | 24 | BD | \$44 |
| Guidance & Vocational Counselors | 262 | 56 | 31 | MA | \$54 |
| Healthcare Social Workers | 146 | 31 | 39 | MA | \$50 |
| Mental Health Counselors | 128 | 27 | 37 | MA | \$40 |
| Rehabilitation Counselors | 118 | 25 | 23 | MA | \$34 |
| Social & Human Service Assistants | 373 | 97 | 81 | HS | \$29 |
| Computer & Mathematical Occupations | | | | | |
| Computer Programmers | 344 | 90 | 28 | BD | \$74 |
| Computer Support Specialists | 722 | 114 | 124 | SC | \$49 |
| Computer Systems Analysts | 521 | 82 | 128 | BD | \$80 |
| Network & Computer Systems Admins | 366 | 58 | 43 | BD | \$73 |
| Software Developers, Applications | 613 | 79 | 140 | BD | \$90 |
| Software Developers, System Software | 405 | 52 | 83 | BD | \$99 |
| Web Developers | 141 | 22 | 29 | AD | \$63 |
| Construction & Extraction Occupations | | | | | |
| Carpenters | 901 | 111 | 218 | HS | \$40 |
| Cement Masons & Concrete Finishers | 141 | 16 | 41 | SH | \$36 |
| Construction Laborers | 1,071 | 229 | 260 | SH | \$30 |
| Electricians | 584 | 110 | 115 | HS | \$50 |
| Operating Engineers | 351 | 78 | 66 | HS | \$42 |
| Painters, Construction & Maintenance | 316 | 48 | 63 | SH | \$35 |
| Plumbers, Pipefitters & Steamfitters | 387 | 48 | 82 | HS | \$49 |

| Roofers | 133 | 28 | 15 | SH | \$35 |
|--|-------|-------|-----|-----|-------|
| Education, Training & Library Occupations | | | | | |
| Elementary School Teachers | 1,361 | 300 | 168 | BD | \$53 |
| Kindergarten Teachers | 159 | 45 | 21 | BD | \$50 |
| Librarians | 148 | 34 | 11 | MA | \$55 |
| Middle School Teachers | 614 | 135 | 76 | BD | \$53 |
| Postsecondary Teachers | 1,831 | 275 | 304 | PHD | \$62 |
| Preschool Teachers | 438 | 123 | 76 | AD | \$27 |
| Secondary School Teachers | 956 | 260 | 53 | BD | \$55 |
| Self-Enrichment Education Teachers | 316 | 54 | 44 | HS | \$35 |
| Special Education Teachers | 484 | 83 | 31 | BD | \$55 |
| Teacher Assistants | 1,223 | 278 | 105 | HS | \$24 |
| Food Preparation & Serving Occupations | | | | | |
| Bartenders | 551 | 204 | 66 | SH | \$19 |
| Bussers & Barbbacks | 403 | 177 | 32 | SH | \$19 |
| Combined Food Prep & Servers | 2,969 | 1,134 | 422 | SH | \$18 |
| Cooks, Fast Food | 517 | 102 | 0 | SH | \$18 |
| Cooks, Institution & Cafeteria | 409 | 81 | 54 | SH | \$23 |
| Cooks, Restaurant | 1,024 | 202 | 150 | SH | \$22 |
| Cooks, Short Order | 166 | 33 | 1 | SH | \$20 |
| Counter Attendants | 439 | 268 | 0 | SH | \$19 |
| Dishwashers | 509 | 224 | 32 | SH | \$18 |
| Food Preparation Workers | 808 | 232 | 29 | SH | \$19 |
| Hosts & Hostesses | 347 | 261 | 19 | SH | \$19 |
| Waiters & Waitresses | 2,362 | 1,137 | 132 | SH | \$19 |
| Healthcare Practitioners & Technical Occupations | | | | | |
| Dental Hygienists | 193 | 49 | 64 | AD | \$70 |
| EMTs & Paramedics | 239 | 65 | 55 | PS | \$31 |
| Licensed Practical & Vocational Nurses | 738 | 180 | 183 | PS | \$42 |
| Medical & Clinical Lab Technicians | 162 | 42 | 48 | AD | \$37 |
| Medical & Clinical Lab Technologists | 164 | 43 | 23 | BD | \$58 |
| Medical Records Technicians | 186 | 49 | 41 | PS | \$34 |
| Pharmacists | 286 | 68 | 41 | PHD | \$117 |
| Pharmacy Technicians | 355 | 35 | 71 | HS | \$29 |
| Physical Therapists | 204 | 50 | 73 | PHD | \$80 |
| Physicians & Surgeons | 691 | 173 | 123 | PHD | \$187 |
| Radiologic Technologists | 199 | 28 | 42 | AD | \$54 |
| Registered Nurses | 2,712 | 526 | 527 | AD | \$65 |
| Veterinarians | 70 | 23 | 8 | PHD | \$84 |
| Healthcare Support Occupations | | | | | |
| Dental Assistants | 303 | 63 | 74 | PS | \$35 |
| Home Health Aides | 875 | 166 | 424 | SH | \$21 |
| Massage Therapists | 133 | 14 | 30 | PS | \$36 |
| Medical Assistants | 561 | 107 | 163 | HS | \$29 |
| Nursing Assistants | 1,480 | 281 | 312 | PS | \$24 |
| Installation, Maintenance & Repair Occupations | | | | | |
| Automotive Body & Related Repairers | 154 | 30 | 21 | HS | \$38 |
| Automotive Technicians & Mechanics | 701 | 177 | 60 | HS | \$37 |
| Bus & Truck Mechanics | 251 | 54 | 22 | HS | \$42 |
| HVAC&R Mechanics & Installers | 268 | 68 | 56 | PS | \$44 |
| Industrial Machinery Mechanics | 319 | 92 | 60 | HS | \$47 |
| Maintenance & Repair Workers | 1,325 | 255 | 125 | HS | \$35 |
| Telecom Equipment Installers & Repairers | 217 | 30 | 8 | PS | \$55 |
| Telecom Line Installers & Repairers | 135 | 33 | 8 | HS | \$51 |
| Legal Occupations | | | | | |
| Judges & Magistrates | 28 | 5 | 1 | PHD | \$116 |
| Lawyers | 760 | 122 | 75 | PHD | \$114 |
| Paralegals & Legal Assistants | 277 | 45 | 46 | AD | \$47 |
| Management Occupations | | | | | |
| Administrative Services Managers | 281 | 46 | 34 | HS | \$81 |
| Architectural & Engineering Managers | 194 | 48 | 13 | BD | \$125 |
| Chief Executives | 331 | 70 | 18 | BD | \$168 |
| Computer & Info. Systems Managers | 333 | 46 | 51 | BD | \$121 |
| Construction Managers | 485 | 76 | 78 | AD | \$83 |
| Education Administrators, K-12 | 232 | 62 | 13 | MA | \$88 |
| Education Administrators, Postsecondary | 162 | 43 | 24 | MA | \$86 |
| Farm, Ranch & Agricultural Managers | 931 | 150 | 0 | HS | \$69 |
| Financial Managers | 532 | 100 | 47 | BD | \$110 |
| Food Service Managers | 321 | 57 | 5 | HS | \$48 |
| General & Operations Managers | 1,973 | 369 | 244 | AD | \$95 |
| Industrial Production Managers | 173 | 31 | 0 | BD | \$89 |
| Marketing Managers | 181 | 39 | 23 | BD | \$119 |

| Medical & Health Services Managers | 316 | 77 | 73 | BD | \$89 |
|--|-------|-------|-----|----|-------|
| Property Managers | 297 | 67 | 35 | HS | \$53 |
| Sales Managers | 359 | 77 | 30 | BD | \$105 |
| Social & Community Service Managers | 133 | 27 | 28 | BD | \$60 |
| Office & Administrative Support Occupations | | | | | |
| Bill & Account Collectors | 397 | 112 | 58 | HS | \$32 |
| Billing & Posting Clerks | 514 | 95 | 93 | HS | \$33 |
| Bookkeeping & Accounting Clerks | 1,800 | 165 | 205 | HS | \$35 |
| Customer Service Representatives | 2,363 | 643 | 299 | HS | \$31 |
| Data Entry Keyers | 220 | 26 | 0 | HS | \$28 |
| Dispatchers | 191 | 55 | 21 | HS | \$36 |
| Executive Secretaries & Assistants | 874 | 105 | 0 | HS | \$48 |
| File Clerks | 164 | 38 | 0 | HS | \$26 |
| Hotel, Motel & Resort Desk Clerks | 232 | 110 | 32 | HS | \$20 |
| Human Resources Assistants | 147 | 37 | 0 | HS | \$38 |
| Insurance Claims & Policy Clerks | 254 | 67 | 21 | HS | \$36 |
| Legal Secretaries | 223 | 27 | 0 | HS | \$42 |
| Loan Interviewers & Clerks | 196 | 13 | 17 | HS | \$35 |
| Medical Secretaries | 526 | 63 | 189 | HS | \$31 |
| Office Clerks, General | 2,984 | 627 | 184 | HS | \$27 |
| Payroll & Timekeeping Clerks | 180 | 39 | 23 | HS | \$38 |
| Postal Service Mail Carriers | 295 | 103 | 0 | HS | \$56 |
| Receptionists & Information Clerks | 1,007 | 271 | 136 | HS | \$26 |
| Secretaries & Administrative Assistants | 2,324 | 280 | 308 | HS | \$32 |
| Shipping, Receiving & Traffic Clerks | 696 | 183 | 7 | HS | \$29 |
| Stock Clerks & Order Fillers | 1,807 | 546 | 0 | SH | \$22 |
| Tellers | 545 | 254 | 6 | HS | \$25 |
| Personal Care & Service Occupations | | | | | |
| Amusement & Recreation Attendants | 267 | 134 | 30 | SH | \$19 |
| Childcare Workers | 1,313 | 386 | 184 | HS | \$20 |
| Fitness Trainers & Aerobics Instructors | 267 | 32 | 34 | HS | \$32 |
| Hairdressers & Cosmetologists | 611 | 143 | 78 | PS | \$23 |
| Nonfarm Animal Caretakers | 191 | 23 | 29 | SH | \$20 |
| Recreation Workers | 345 | 41 | 49 | BD | \$22 |
| Production Occupations | | | | | |
| Cut, Punch & Press Machine Operators | 185 | 16 | 0 | HS | \$30 |
| Electrical Equipment Assemblers | 198 | 24 | 0 | HS | \$29 |
| Helpers, Production Workers | 420 | 73 | 30 | SH | \$23 |
| Inspectors, Testers, Sorters & Weighers | 464 | 102 | 26 | HS | \$34 |
| Laundry & Dry-Cleaning Workers | 211 | 63 | 20 | SH | \$20 |
| Machinists | 398 | 91 | 35 | HS | \$40 |
| Meat, Poultry & Fish Cutters & Trimmers | 163 | 40 | 9 | SH | \$23 |
| Packaging & Filling Machine Operators | 369 | 87 | 2 | HS | \$26 |
| Printing Press Operators | 178 | 31 | 0 | HS | \$35 |
| Team Assemblers | 1,032 | 163 | 50 | HS | \$28 |
| Welders, Cutters, Solderers & Brazers | 357 | 88 | 21 | HS | \$36 |
| Protective Services Occupations | | | | | |
| Correctional Officers & Jailers | 453 | 120 | 22 | HS | \$39 |
| Firefighters | 307 | 84 | 20 | PS | \$45 |
| Police & Sheriff's Patrol Officers | 654 | 205 | 39 | HS | \$55 |
| Security Guards | 1,074 | 165 | 130 | HS | \$24 |
| Sales & Related Occupations | | | | | |
| Cashiers | 3,339 | 1,443 | 87 | SH | \$19 |
| Counter & Rental Clerks | 438 | 112 | 47 | SH | \$23 |
| Insurance Sales Agents | 443 | 104 | 46 | HS | \$48 |
| Parts Salespersons | 221 | 56 | 16 | SH | \$30 |
| Real Estate Sales Agents | 342 | 32 | 38 | HS | \$39 |
| Retail Salespersons | 4,447 | 1,521 | 435 | SH | \$21 |
| Sales Reps, Wholesale & Manufacturing | 1,481 | 289 | 132 | HS | \$54 |
| Securities & Financial Sales Agents | 355 | 83 | 40 | BD | \$72 |
| Telemarketers | 250 | 52 | 19 | SH | \$22 |
| Transportation & Material Moving Occupations | | | | | |
| Bus Drivers, School or Special Client | 484 | 89 | 41 | HS | \$28 |
| Bus Drivers, Transit & Intercity | 171 | 31 | 17 | HS | \$37 |
| Driver/Sales Workers | 432 | 69 | 37 | HS | \$23 |
| Heavy & Tractor-Trailer Truck Drivers | 1,702 | 272 | 193 | HS | \$38 |
| Industrial Truck & Tractor Operators | 509 | 117 | 0 | SH | \$30 |
| Laborers & Material Movers, Hand | 2,197 | 681 | 242 | SH | \$24 |
| Light Truck or Delivery Drivers | 842 | 135 | 32 | HS | \$29 |
| Packers & Packagers, Hand | 667 | 175 | 40 | SH | \$20 |
| Refuse & Recyclable Material Collectors | 133 | 28 | 22 | SH | \$33 |
| Taxi Drivers & Chauffeurs | 233 | 28 | 36 | SH | \$23 |

