



March 2009

Manufacturing

| Demographics | Male | Female | 45 to 54 | 55-64 | 65 + |
|--------------|-------|--------|----------|-------|------|
| Employment | 76.2% | 23.8% | 29.2% | 14.4% | 1.7% |

| SOC Code | Description | 2007 Jobs | 2017 Jobs | Change | Hourly Earnings | Education |
|----------|---|-----------|-----------|--------|-----------------|------------------------------------|
| 49-9042 | Maintenance, repair & Assemblers workers | 1,747 | 2,261 | 514 | \$15.44 | Moderate-term on-the-job training |
| 51-1011 | First-line supervisors/managers of production and operating workers | 984 | 1,138 | 154 | \$26.21 | Work experience in a related field |
| 51-4121 | Welders, cutters, solderers, and brazers | 745 | 924 | 179 | \$17.24 | Long-term on-the-job training |
| 51-9061 | Inspectors, testers, sorters, samplers, and weighers | 465 | 526 | 61 | \$15.98 | Moderate-term on-the-job training |
| 47-2211 | Sheet metal workers | 341 | 428 | 87 | \$22.42 | Long-term on-the-job training |
| 49-9041 | Industrial machinery mechanics | 327 | 414 | 87 | \$20.55 | Long-term on-the-job training |
| 17-3023 | Electrical and electronic engineering technicians | 308 | 375 | 67 | \$25.57 | Associate's degree |
| 51-4072 | Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic | 198 | 236 | 38 | \$11.40 | Moderate-term on-the-job training |
| 51-4021 | Extruding and drawing machine setters, operators, and tenders, metal and plastic | 98 | 121 | 23 | \$17.07 | Moderate-term on-the-job training |
| 17-3029 | Engineering technicians, except drafters, all other | 95 | 109 | 14 | \$22.28 | Associate's degree |
| 51-4111 | Tool and die makers | 86 | 108 | 22 | \$21.85 | Long-term on-the-job training |
| 17-3026 | Industrial engineering technicians | 74 | 99 | 25 | \$27.00 | Associate's degree |
| 49-9044 | Millwrights | 64 | 84 | 20 | \$27.66 | Long-term on-the-job training |

Health Care

| Demographics | Male | Female | 45 to 54 | 55-64 | 65 + |
|--------------|-------|--------|----------|-------|------|
| Employment | 21.4% | 78.6% | 26.3% | 16.4% | 2.9% |

| SOC Code | Description | 2007 Jobs | 2017 Jobs | Change | Hourly Earnings | Education |
|----------|--|-----------|-----------|--------|-----------------|------------------------------------|
| 29-1111 | Registered nurses | 5,113 | 5,705 | 592 | \$25.96 | Associate's degree |
| 31-1012 | Nursing aides, orderlies, and attendants | 2,387 | 2,593 | 206 | \$10.70 | Postsecondary vocational award |
| 11-9199 | Managers, all other | 1,949 | 2,233 | 284 | \$39.23 | Work experience in a related field |
| 43-3021 | Billing and posting clerks and machine operators | 1,680 | 1,834 | 154 | \$12.97 | Moderate-term on-the-job training |
| 31-9092 | Medical assistants | 881 | 1,140 | 259 | \$13.02 | Moderate-term on-the-job training |
| 15-1041 | Computer support specialists | 811 | 975 | 164 | \$18.65 | Associate's degree |
| 31-9091 | Dental assistants | 763 | 941 | 178 | \$14.92 | Moderate-term on-the-job training |
| 29-2052 | Pharmacy technicians | 492 | 582 | 90 | \$15.02 | Moderate-term on-the-job training |
| 29-2034 | Radiologic technologists and technicians | 410 | 463 | 53 | \$25.70 | Associate's degree |
| 29-2071 | Medical records and health information technicians | 399 | 440 | 41 | \$13.58 | Associate's degree |
| 29-2012 | Medical and clinical laboratory technicians | 371 | 430 | 59 | \$19.04 | Associate's degree |

Construction

| Demographics | Male | Female | 45 to 54 | 55-64 | 65 + |
|--------------|------|--------|----------|-------|------|
| Employment | 88% | 12% | 21.9% | 9.3% | 1.9% |

| SOC Code | Description | 2007 Jobs | 2017 Jobs | Change | Hourly Earnings | Education |
|----------|---|-----------|-----------|--------|-----------------|------------------------------------|
| 47-2031 | Carpenters | 3,105 | 3,826 | 721 | \$18.99 | Long-term on-the-job training |
| 47-1011 | First-line supervisors/managers of construction trades and extraction workers | 1,679 | 2,042 | 363 | \$23.52 | Work experience in a related field |
| 47-2111 | Electricians | 1,549 | 2,009 | 460 | \$20.49 | Long-term on-the-job training |
| 47-2141 | Painters, construction and maintenance | 964 | 1,199 | 235 | \$18.36 | Moderate-term on-the-job training |
| 41-4011 | Sales representatives, wholesale | 766 | 900 | 134 | \$33.17 | Moderate-term on-the-job training |
| 49-9021 | Heating, air conditioning, and refrigeration mechanics and installers | 634 | 786 | 152 | \$20.19 | Long-term on-the-job training |
| 47-2152 | Plumbers, pipe fitters, and steamfitters | 519 | 641 | 122 | \$24.76 | Long-term on-the-job training |
| 47-2073 | Operating engineers and other construction equipment operators | 496 | 583 | 87 | \$21.42 | Moderate-term on-the-job training |
| 47-2051 | Cement masons and concrete finishers | 442 | 567 | 125 | \$22.78 | Moderate-term on-the-job training |
| 47-2181 | Roofers | 412 | 535 | 123 | \$19.08 | Moderate-term on-the-job training |
| 13-1051 | Cost estimators | 349 | 472 | 123 | \$22.10 | Work experience in a related field |
| 47-2221 | Structural iron and steel workers | 234 | 298 | 64 | \$17.99 | Long-term on-the-job training |
| 13-1073 | Training and development specialists | 222 | 273 | 51 | \$22.53 | Bachelor's degree |
| 47-4011 | Construction and building inspectors | 214 | 253 | 39 | \$23.40 | Work experience in a related field |
| 47-2021 | Brick masons and block masons | 179 | 213 | 34 | \$25.01 | Long-term on-the-job training |
| 47-2121 | Glaziers | 109 | 145 | 36 | \$22.24 | Long-term on-the-job training |

Transportation & Warehousing

| Demographics | Male | Female | 45 to 54 | 55-64 | 65 + |
|--------------|------|--------|----------|-------|------|
| Employment | 77% | 23% | 28.4% | 16.3% | 3.5% |

| SOC Code | Description | 2007 Jobs | 2017 Jobs | Change | Hourly Earnings | Education |
|----------|--|-----------|-----------|--------|-----------------|------------------------------------|
| 53-7062 | Laborers and freight, stock, and material movers, hand | 3,556 | 3,970 | 414 | \$11.56 | Short-term on-the-job training |
| 53-3032 | Truck drivers, heavy and tractor-trailer | 3,409 | 4,142 | 733 | \$17.43 | Moderate-term on-the-job training |
| 43-3021 | Billing and posting clerks and machine operators | 1,687 | 1,854 | 167 | \$12.93 | Moderate-term on-the-job training |
| 53-3033 | Truck drivers, light or delivery services | 1,610 | 1,922 | 312 | \$13.40 | Short-term on-the-job training |
| 41-2021 | Counter and rental clerks | 1,531 | 1,887 | 356 | \$9.46 | Short-term on-the-job training |
| 49-3023 | Automotive service technicians and mechanics | 1,302 | 1,517 | 215 | \$17.48 | Postsecondary vocational award |
| 43-5071 | Shipping, receiving, and traffic clerks | 1,032 | 1,211 | 179 | \$12.49 | Short-term on-the-job training |
| 53-3022 | Bus drivers, school | 750 | 1,015 | 265 | \$14.33 | Short-term on-the-job training |
| 49-3031 | Bus and truck mechanics and diesel engine specialists | 588 | 702 | 114 | \$16.97 | Postsecondary vocational award |
| 53-3021 | Bus drivers, transit and intercity | 391 | 554 | 163 | \$20.74 | Moderate-term on-the-job training |
| 43-5061 | Production, planning, and expediting clerks | 367 | 439 | 72 | \$19.91 | Short-term on-the-job training |
| 43-5032 | Dispatchers | 301 | 335 | 34 | \$15.04 | Moderate-term on-the-job training |
| 49-3093 | Tire repairers and changers | 222 | 311 | 89 | \$12.40 | Short-term on-the-job training |
| 49-3011 | Aircraft mechanics and service technicians | 186 | 266 | 80 | \$24.23 | Postsecondary vocational award |
| 49-3022 | Automotive glass installers and repairers | 175 | 183 | 8 | \$17.40 | Long-term on-the-job training |
| 49-3021 | Automotive body and related repairers | 169 | 184 | 15 | \$14.93 | Long-term on-the-job training |
| 43-4181 | Reservation and transportation ticket agents and travel clerks | 100 | 112 | 12 | \$16.38 | Short-term on-the-job training |
| 43-5011 | Cargo and freight agents | 86 | 110 | 24 | \$19.44 | Moderate-term on-the-job training |
| 17-3026 | Industrial engineering technicians | 74 | 99 | 25 | \$26.99 | Associate's degree |
| 53-2011 | Airline pilots, copilots, and flight engineers | 73 | 81 | 8 | \$64.98 | Bachelor's degree |
| 39-6031 | Flight attendants | 62 | 72 | 10 | \$24.43 | Long-term on-the-job training |
| 53-6051 | Transportation inspectors | 54 | 66 | 12 | \$23.54 | Work experience in a related field |

Business Services

(Business, Finance, Insurance & Information Technology)

| Employment Demographics | Male | Female | 45 to 54 | 55-64 | 65 + |
|-------------------------|-------|--------|----------|-------|------|
| Finance and insurance | 33.5% | 66.5% | 21.8% | 12.7% | 1.7% |
| Information | 60.4% | 39.6% | 21.2% | 11.8% | 1.6% |
| Business | 49.7% | 50.3% | 28.7% | 13.1% | 1.4% |

| SOC Code | Business | 2007 Jobs | 2017 Jobs | Change | Hourly Earnings | Education |
|----------|--|-----------|-----------|--------|-----------------|------------------------------------|
| 41-2031 | Retail salespersons | 8,677 | 10,541 | 1,864 | \$11.56 | Short-term on-the-job training |
| 43-3031 | Bookkeeping, accounting, and auditing clerks | 4,201 | 5,080 | 879 | \$15.08 | Moderate-term on-the-job training |
| 43-4051 | Customer service representatives | 3,980 | 5,683 | 1,703 | \$12.71 | Moderate-term on-the-job training |
| 41-4012 | Sales representatives, wholesale and manufacturing, technical and scientific products | 2,826 | 3,431 | 605 | \$22.74 | Moderate-term on-the-job training |
| 43-1011 | First-line supervisors/managers of office and administrative support workers | 2,585 | 2,895 | 310 | \$22.09 | Work experience in a related field |
| 13-2011 | Accountants and auditors | 1,893 | 2,314 | 421 | \$21.88 | Bachelor's degree |
| 43-4171 | Receptionists and information clerks | 1,890 | 2,258 | 368 | \$10.47 | Short-term on-the-job training |
| 43-3021 | Billing and posting clerks and machine operators | 1,687 | 1,854 | 167 | \$12.93 | Moderate-term on-the-job training |
| 41-3021 | Insurance sales agents | 1,377 | 1,762 | 385 | \$18.34 | Bachelor's degree |
| 11-3031 | Financial managers | 757 | 937 | 180 | \$33.46 | Degree plus work experience |
| 13-1031 | Claims adjusters, examiners, and investigators | 486 | 567 | 81 | \$25.80 | Long-term on-the-job training |
| 13-1079 | Human resources, training, and labor relations specialists, all other | 367 | 446 | 79 | \$23.19 | Bachelor's degree |
| 13-1041 | Compliance officers, except agriculture, construction, health and safety, and transportation | 341 | 365 | 24 | \$19.87 | Long-term on-the-job training |
| 13-1073 | Training and development specialists | 227 | 275 | 48 | \$22.15 | Bachelor's degree |

| SOC Code | Finance & Insurance | 2007 Jobs | 2017 Jobs | Change | Hourly Earnings | Education |
|----------|---|-----------|-----------|--------|-----------------|-----------------------------------|
| 43-9041 | Insurance claims and policy processing clerks | 1,003 | 1,133 | 130 | \$15.24 | Moderate-term on-the-job training |
| 15-1041 | Computer support specialists | 826 | 984 | 158 | \$18.40 | Associate's degree |
| 11-3031 | Financial managers | 757 | 937 | 180 | \$33.46 | Degree plus work experience |
| 15-1051 | Computer systems analysts | 680 | 881 | 201 | \$28.85 | Bachelor's degree |
| 43-3011 | Bill and account collectors | 597 | 794 | 197 | \$14.88 | Short-term on-the-job training |
| 23-2093 | Title examiners, abstractors, and searchers | 97 | 106 | 9 | \$22.24 | Moderate-term on-the-job training |
| 15-1061 | Database administrators | 91 | 114 | 23 | \$25.38 | Bachelor's degree |
| 43-4011 | Brokerage clerks | 84 | 99 | 15 | \$17.71 | Moderate-term on-the-job training |
| 13-1032 | Insurance appraisers, auto damage | 40 | 49 | 9 | \$21.45 | Long-term on-the-job training |

| SOC Code | Information Technology | 2007 Jobs | 2017 Jobs | Change | Hourly Earnings | Education |
|----------|--|-----------|-----------|--------|-----------------|--------------------------------|
| 15-1041 | Computer support specialists | 826 | 984 | 158 | \$18.40 | Associate's degree |
| 15-1051 | Computer systems analysts | 680 | 881 | 201 | \$28.85 | Bachelor's degree |
| 15-1081 | Network systems and data communications analysts | 351 | 499 | 148 | \$24.62 | Bachelor's degree |
| 15-1099 | Computer specialists, all other | 283 | 329 | 46 | \$25.70 | Associate's degree |
| 15-1032 | Computer software engineers, systems software | 279 | 383 | 104 | \$28.89 | Bachelor's degree |
| 27-1014 | Multi-media artists and animators | 216 | 258 | 42 | \$11.21 | Bachelor's degree |
| 27-3041 | Editors | 168 | 183 | 15 | \$20.18 | Bachelor's degree |
| 27-4011 | Audio and video equipment technicians | 106 | 144 | 38 | \$11.90 | Long-term on-the-job training |
| 15-1061 | Database administrators | 91 | 114 | 23 | \$25.38 | Bachelor's degree |
| 27-3042 | Technical writers | 59 | 72 | 13 | \$19.04 | Bachelor's degree |
| 43-9031 | Desktop publishers | 48 | 55 | 7 | \$17.26 | Postsecondary vocational award |

Energy

(Agriculture, Construction, Waste management and Remediation, Professional & technical services, and Manufacturing)

| SOC | OCCUPATIONAL TITLE |
|------------|---|
| 472111 | Electricians |
| 472061 | Construction Laborers |
| 472031 | Carpenters |
| 452099 | Agricultural Workers, All Other |
| 499021 | Heating, Air Cond., and Refrig. Mechanics and Installers |
| 172051 | Civil Engineers |
| 472152 | Plumbers, Pipefitters, and Steamfitters |
| 171011 | Architects, Except Landscape and Naval |
| 172141 | Mechanical Engineers |
| 472121 | Glaziers |
| 472181 | Roofers |
| 519199 | Production Workers, All Other |
| 537081 | Refuse and Recyclable Material Collectors |
| 533032 | Truck Drivers, Heavy and Tractor-Trailer |
| 119021 | Construction Managers |
| 471011 | First-Line Sprvrs./Mgrs. of Const. Trades and Extraction Wrkrs. |
| 472131 | Insulation Workers, Floor, Ceiling, and Wall |
| 452041 | Graders and Sorters, Agricultural Products |
| 172071 | Electrical Engineers |
| 474041 | Hazardous Materials Removal Workers |
| 192041 | Environmental Scientists and Specialists, Including Health |
| 472211 | Sheet Metal Workers |
| 537062 | Laborers and Freight, Stock, and Material Movers, Hand |