

| OCCUPATION                            | 2010<br>jobs  | 2020<br>jobs | Growth<br>rate (%) |
|---------------------------------------|---------------|--------------|--------------------|
| Managerial and<br>Professional Office | 198,960       | 263,610      | 32                 |
| STEM                                  | 59,750        | 81,200       | 36                 |
| Social Sciences                       | 5,650         | 7,590        | 34                 |
| Community<br>Services and Arts        | 60,630        | 79,680       | 31                 |
| Education                             | 77,160        | 106,080      | 37                 |
| Healthcare Professior and Technical   | nal<br>46,620 | 64,900       | 39                 |
| Healthcare Support                    | 27,770        | 40,350       | 45                 |
| Food and<br>Personal Services         | 181,870       | 230,470      | 27                 |
| Sales and<br>Office Support           | 395,330       | 499,760      | 26                 |
| Blue Collar                           | 271,190       | 331,820      | 22                 |
| TOTAL                                 | 1,324,920     | 1,705,450    | 29                 |

| INDUSTRY  | 2010<br>jobs | 2020<br>jobs | Growth<br>rate (%) |
|---|--------------|--------------|--------------------|
| Agriculture, Forestry, Fishing and Hunting                                  | 18,480       | 18,750       | 1                  |
| Mining, Quarrying, and Oil and Gas Extraction                               | 11,710       | 15,430       | 32                 |
| Utilities   | 3,510        | 3,230        | -8                 |
| Construction  | 77,140       | 90,900       | 18                 |
| Manufacturing   | 98,410       | 116,680      | 19                 |
| Wholesale Trade   | 41,190       | 50,920       | 24                 |
| Retail Trade  | 142,830      | 172,290      | 21                 |
| Transportation and Warehousing  | 46,590       | 59,510       | 28                 |
| Information   | 28,330       | 36,010       | 27                 |
| Finance and Insurance   | 99,610       | 137,520      | 38                 |
| Real Estate and Rental and Leasing  | 74,620       | 98,850       | 32                 |
| Professional, Scientific, and Technical Services                            | 88,260       | 130,000      | 47                 |
| Management of Companies and Enterprises                                     | 18,980       | 20,220       | 6                  |
| Administrative and Support and<br>Waste Management and Remediation Services | 74,260       | 100,870      | 36                 |
| Educational Services  | 40,510       | 58,680       | 45                 |
| Healthcare and Social Assistance  | 112,770      | 155,660      | 38                 |
| Arts, Entertainment, and Recreation   | 28,210       | 37,770       | 34                 |
| Accommodation and Food Services   | 81,930       | 102,830      | 26                 |
| Other Services (except Public Administration)                               | 63,210       | 73,290       | 16                 |
| Government  | 174,380      | 226,042      | 30                 |
| TOTAL   | 1,324,920    | 1,705,450    | 29                 |

## JOB OPENINGS BY OCCUPATION AND EDUCATION LEVEL (IN THOUSANDS)

| OCCUPATION                            | Less than<br>high<br>school | High<br>school<br>diploma | Some<br>college/<br>no degree | Associate's<br>degree | Bachelor's<br>degree | Master's<br>degree or<br>better |
|---------------------------------------|-----------------------------|---------------------------|-------------------------------|-----------------------|----------------------|---------------------------------|
| Managerial and Professional Office    | 1                           | 7                         | 24                            | 6                     | 35                   | 14                              |
| STEM                                  | 0                           | 2                         | 6                             | 3                     | 11                   | 6                               |
| Social Sciences                       | 0                           | 0                         | 0                             | 0                     | 1                    | 1                               |
| Community Services and Arts           | 0                           | 1                         | 2                             | 5                     | 6                    | 12                              |
| Education                             | 1                           | 5                         | 8                             | 6                     | 12                   | 5                               |
| Healthcare Professional and Technical | 1                           | 4                         | 9                             | 2                     | 4                    | 2                               |
| Healthcare Support                    | 0                           | 2                         | 6                             | 2                     | 2                    | 0                               |
| Food and Personal Services            | 16                          | 22                        | 21                            | 6                     | 10                   | 2                               |
| Sales and Office Support              | 30                          | 61                        | 47                            | 10                    | 15                   | 3                               |
| Blue Collar                           | 13                          | 37                        | 29                            | 10                    | 15                   | 7                               |
| TOTAL                                 | 62                          | 141                       | 152                           | 51                    | 110                  | 52                              |

## **RECOVERY:**

**98** Projections of jobs and education requirements through 2020

| UT   | 2020 TOTAL JOBS BY OCCUPATION AND EDUCATION LEVEL |                           |                               |                       |                      |                                 |
|--|---|---------------------------|-------------------------------|-----------------------|----------------------|---------------------------------|
| OCCUPATION   | Less than<br>high<br>school                       | High<br>school<br>diploma | Some<br>college/<br>no degree | Associate's<br>degree | Bachelor's<br>degree | Master's<br>degree or<br>better |
| Managerial and Professional Office:<br>Management                  |   | 12,150                    | 29,000                        | 9,940                 | 52,760               | 33,290                          |
| Business operations  | 370   | 2,530                     | 10,090                        | 4,670                 | 20,160               | 5,190                           |
| Financial services   | 480   | 3,110                     | 3,600                         | 1,970                 | 35,010               | 25,840                          |
| Legal  | -   | 450                       | 3,900                         | 1,990                 | 5,630                | 1,480                           |
| <b>STEM :</b><br>Computers & mathematical sciences                 | 320   | 2,060                     | 3,940                         | 4,910                 | 23,390               | 9,130                           |
| Architecture   | -   | 940                       | 910                           | 130                   | 1,670                | 1,960                           |
| Engineering  | -   | -                         | 2,410                         | -                     | 8,670                | 9,760                           |
| Life & physical sciences   | 190   | 1,190                     | 1,660                         | 520                   | 4,600                | 2,910                           |
| Social Sciences  | -   | 240                       | 610                           | 400                   | 870                  | 5,370                           |
| <b>Community Services and Arts:</b><br>Community & social services | 60  | 770                       | 1,930                         | 6,350                 | 7,000                | 8,440                           |
| Arts, design, entertainment, sports & media                        | 790   | 7,100                     | 12,330                        | 9,820                 | 18,000               | 7,090                           |
| Education, Training & Library                                      | 6,610   | 18,610                    | 44,780                        | 11,290                | 16,970               | 7,810                           |
| Healthcare Professional & Technical                                | 1,150   | 11,020                    | 30,490                        | 9,910                 | 11,620               | 1,670                           |
| Healthcare Support   | 14,970  | 10,380                    | 8,950                         | 2,120                 | 2,690                | 260                             |
| Food and Personal Services:<br>Food preparation & serving related  | 6,810   | 34,160                    | 29,230                        | 9,930                 | 10,360               | 3,740                           |
| Building and grounds cleaning & maintenance                        | 1,240   | 13,530                    | 19,570                        | 4,180                 | 15,550               | 3,850                           |
| Personal care & services   | 17,710  | 19,900                    | 9,680                         | 4,410                 | 2,750                | -                               |
| Protective services  | 1,200   | 7,450                     | 7,950                         | 2,850                 | 3,650                | 760                             |
| Sales and Office Support:<br>Sales & related                       | 79,050  | 106,700                   | 57,980                        |                       | 7,350                |                                 |
| Office & administrative support                                    | 37,710  | 105,400                   | 82,530                        | 13,050                | 10,000               | -                               |
| Blue Collar:<br>Farming, fishing & forestry                        | 430   | 1,430                     | 1,530                         | 870                   | 590                  | 10                              |
| Construction & extraction  | 18,460  | 36,330                    | 19,720                        | 7,440                 | 6,300                | 250                             |
| Installation, maintenance & repair                                 | 9,480   | 21,620                    | 18,020                        | 3,840                 | 2,500                | 560                             |
| Production   | 2,700   | 13,680                    | 23,580                        | 7,030                 | 29,030               | 16,210                          |
| Transportation & material moving                                   | -   | 8,930                     | 5,150                         | 20,170                | 38,630               | 17,320                          |

