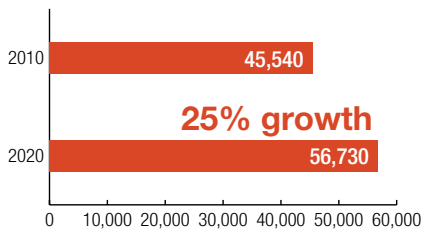
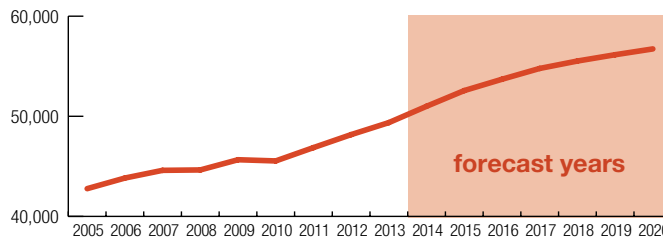




**Fig 1: Healthcare and Social Assistance Industry Jobs**



**Fig 2: Health Care and Social Assistance Employment**



## Healthcare

- Is 13% of state employment
- Will grow at 25% compared to 17% for all other state jobs

**12,380 job openings between 2010 and 2020**

**12% Doctors**

**28% Nurses**

**26% Allied**

**35% Support**

## Demand

**Table 1: Demand by Occupation, 2010-2020**

|   | Total Jobs |        | Job Openings |
|---|------------|--------|--------------|
|   | 2010       | 2020   | 2010-2020    |
| Healthcare Professional and Technical Occupations | 15,430     | 19,140 | 8,560        |
| Healthcare Support Occupations                    | 6,450      | 8,200  | 3,820        |

**Table 2: Job Openings by Education and Occupation, 2010-2020**

| Occupation                            | High School Diploma | Some College, No Degree | Associate's Degree | Bachelor's Degree | Master's Degree | Professional Degree | PhD | Total |
|---------------------------------------|---------------------|-------------------------|--------------------|-------------------|-----------------|---------------------|-----|-------|
| Healthcare Professional and Technical | 510                 | 560                     | 1,570              | 2,970             | 950             | 1,890               | 90  | 8,560 |
|                                       | 6%                  | 7%                      | 18%                | 35%               | 11%             | 22%                 | 1%  | 100%  |
| Healthcare Support                    | 1,810               | 790                     | 280                | 810               | 0               | 0                   | 130 | 3,820 |
|                                       | 47%                 | 21%                     | 7%                 | 21%               | 0%              | 0%                  | 3%  | 100%  |

Source: Center on Education and the Workforce projections of job openings by education, 2010-2020.

## Supply

**Table 3: Degrees Conferred, 2010**

|                        | Associate's Degree | Bachelor's Degree | Master's Degree | Doctor's Degree - Research/Scholarship | Doctor's Degree - Professional Practice | Doctor's Degree - Other | Degrees Total |
|------------------------|--------------------|-------------------|-----------------|--|---|-------------------------|---------------|
| All Health Professions | 300                | 280               | 70              | 0                                      | 140                                     | 0                       | 770           |
| Medicine               | --                 | --                | --              | 110                                    | --                                      | --                      | 110           |
| Nursing                | 210                | 100               | 40              | 0                                      | 0                                       | 0                       | 350           |

Source: IPEDS Completions Survey, National Center for Educational Statistics (NCES). (Numbers may differ slightly from total due to rounding)

**Table 4: Certificate and Other Non-Degree Programs Graduates, 2010**

|                        | Certificates below the baccalaureate | Award of less than 1 year | Award of 1, but less than 2 years | Award of 2, but less than 4 years | Certificates above the baccalaureate total | Postbaccalaureate certificate | Postmaster's certificate | Certificate/non-degree total |
|------------------------|--------------------------------------|---------------------------|-----------------------------------|-----------------------------------|--|-------------------------------|--------------------------|------------------------------|
| All Health Professions | 240                                  | 0                         | 240                               | 0                                 | 20   | 20                            | 0                        | 260                          |
| Nursing                | 0                                    | 0                         | 0                                 | 0                                 | 0  | 0                             | 0                        | 0                            |

Source: IPEDS Completions Survey, National Center for Educational Statistics (NCES).

**Table 5: Education and Occupation - 2020 (Detailed).**

| Occupation   | High School Diploma | Some College, No Degree | Associate's Degree | Bachelor's Degree | Master's Degree | Professional Degree | PhD          | Total         | Wages* (2010) |
|--|---------------------|-------------------------|--------------------|-------------------|-----------------|---------------------|--------------|---------------|---------------|
| Chiropractors  | 0                   | 0                       | 0                  | 10                | 10              | 90                  | 60           | 170           | \$61,680      |
| Dentists   | 0                   | 0                       | 0                  | 0                 | 0               | 180                 | 70           | 250           | \$179,120     |
| Optometrists   | 0                   | 0                       | 0                  | 0                 | 0               | 30                  | 30           | 60            | \$99,060      |
| Pharmacists  | 10                  | 10                      | 10                 | 220               | 60              | 80                  | 100          | 490           | \$117,900     |
| Physicians and surgeons                                    | 0                   | 0                       | 0                  | 20                | 40              | 1,620               | 580          | 2,260         | \$188,030     |
| Podiatrists  | 0                   | 0                       | 0                  | 0                 | 0               | 50                  | 10           | 60            |               |
| Veterinarians  | 0                   | 0                       | 0                  | 0                 | 0               | 150                 | 80           | 230           | \$78,240      |
| <b>TOTAL DOCTORS</b>                                       | <b>10</b>           | <b>10</b>               | <b>10</b>          | <b>250</b>        | <b>110</b>      | <b>2,200</b>        | <b>930</b>   | <b>3,520</b>  |               |
| Registered nurses  | 20                  | 60                      | 2,290              | 2,900             | 580             | 120                 | 20           | 5,990         | \$63,210      |
| Licensed practical and licensed vocational nurses          | 360                 | 660                     | 420                | 50                | 0               | 20                  | 0            | 1,510         | \$41,800      |
| <b>TOTAL NURSES</b>  | <b>380</b>          | <b>720</b>              | <b>2,710</b>       | <b>2,950</b>      | <b>580</b>      | <b>140</b>          | <b>20</b>    | <b>7,500</b>  |               |
| Dietitians and nutritionists                               | 50                  | 20                      | 10                 | 80                | 30              | 0                   | 0            | 190           | \$50,110      |
| Physician assistants                                       | 20                  | 10                      | 40                 | 110               | 90              | 20                  | 10           | 300           | \$80,390      |
| Therapists   | 30                  | 90                      | 230                | 740               | 1,010           | 20                  | 70           | 2,190         | \$63,580      |
| Health diagnosing and treating practitioners, all other    | 50                  | 10                      | 50                 | 40                | 110             | 20                  | 50           | 330           | \$62,980      |
| Clinical laboratory technologists and technicians          | 50                  | 60                      | 170                | 190               | 20              | 0                   | 0            | 490           | \$60,280      |
| Dental hygienists  | 20                  | 40                      | 380                | 240               | 10              | 10                  | 0            | 700           | \$65,250      |
| Diagnostic related technologists and technicians           | 70                  | 120                     | 340                | 140               | 10              | 0                   | 0            | 680           | \$70,500      |
| Emergency medical technicians and paramedics               | 100                 | 220                     | 130                | 100               | 10              | 0                   | 0            | 560           | \$30,580      |
| Health practitioner support technologists and technicians  | 450                 | 450                     | 260                | 210               | 10              | 0                   | 0            | 1,380         | \$52,160      |
| Medical records and health information technicians         | 170                 | 150                     | 110                | 50                | 0               | 0                   | 0            | 480           | \$37,570      |
| Opticians, dispensing                                      | 20                  | 30                      | 20                 | 20                | 0               | 0                   | 0            | 90            | \$35,820      |
| Healthcare technologists and technicians, all other        | 30                  | 30                      | 20                 | 30                | 10              | 0                   | 0            | 120           | \$35,670      |
| Occupational health and safety specialists and technicians | 20                  | 30                      | 10                 | 20                | 10              | 0                   | 0            | 90            |               |
| Healthcare professional and technical workers, all other   | 50                  | 50                      | 30                 | 100               | 50              | 0                   | 0            | 280           | \$35,570      |
| <b>TOTAL ALLIED HEALTH</b>                                 | <b>1,130</b>        | <b>1,310</b>            | <b>1,800</b>       | <b>2,070</b>      | <b>1,370</b>    | <b>70</b>           | <b>130</b>   | <b>7,880</b>  |               |
| Massage therapists   | 60                  | 80                      | 60                 | 60                | 10              | 0                   | 0            | 270           | \$50,850      |
| Nursing, psychiatric, and home health aides                | 910                 | 890                     | 2,420              | 460               | 140             | 0                   | 0            | 4,820         | \$25,100      |
| Occupational therapy assistants and aides                  | 0                   | 0                       | 40                 | 0                 | 0               | 0                   | 0            | 40            |               |
| Physical therapist assistants and aides                    | 20                  | 40                      | 60                 | 40                | 0               | 0                   | 0            | 160           | \$39,460      |
| Healthcare support workers, all other                      | 860                 | 830                     | 600                | 220               | 0               | 20                  | 0            | 2,530         | \$29,120      |
| <b>TOTAL HEALTHCARE SUPPORT</b>                            | <b>1,850</b>        | <b>1,840</b>            | <b>3,180</b>       | <b>780</b>        | <b>150</b>      | <b>20</b>           | <b>0</b>     | <b>7,820</b>  |               |
| <b>TOTAL HEALTHCARE JOBS</b>                               | <b>3,370</b>        | <b>3,880</b>            | <b>7,700</b>       | <b>6,050</b>      | <b>2,210</b>    | <b>2,430</b>        | <b>1,080</b> | <b>26,720</b> |               |

(Numbers may differ slightly from total due to rounding)

\* Occupational Employment Statistics data, 2010