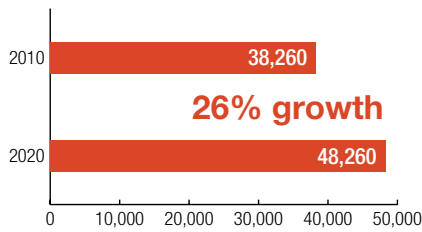
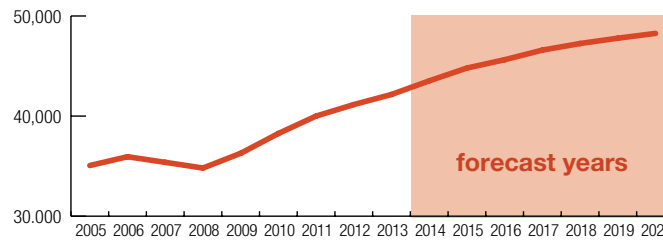




**Fig 1: Healthcare and Social Assistance Industry Jobs**



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



## Healthcare

- Is 11% of state employment
- Will grow at 26% compared to 16% for all other state jobs

**12,130 job openings between 2010 and 2020**

**10% Doctors**

**25% Nurses**

**30% Allied**

**35% Support**

## Demand

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

|   | Total Jobs |        | Job Openings |
|---|------------|--------|--------------|
|   | 2010       | 2020   | 2010-2020    |
| Healthcare Professional and Technical Occupations | 13,750     | 17,170 | 7,560        |
| Healthcare Support Occupations                    | 7,270      | 9,770  | 4,570        |

**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 | 730                 | 150                     | 1,380              | 3,280             | 670             | 1,170               | 190 | 7,560 |
|                                       | 10%                 | 2%                      | 18%                | 43%               | 9%              | 15%                 | 2%  | 100%  |
| Healthcare Support                    | 1,190               | 1,410                   | 1,440              | 380               | 140             | 0                   | 0   | 4,570 |
|                                       | 26%                 | 31%                     | 32%                | 8%                | 3%              | 0%                  | 0%  | 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                | 150               | 10              | 0                                      | 0                                       | 0                       | 470           |
| Medicine               |                    |                   |                 |  |   |                         |               |
| Nursing                | 90                 | 120               | 10              | 0                                      | 0                                       | 0                       | 220           |

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 | Post-master's certificate | Certificate/non-degree total |
|------------------------|--------------------------------------|---------------------------|-----------------------------------|-----------------------------------|--|-------------------------------|---------------------------|------------------------------|
| All Health Professions | 940                                  | 260                       | 690                               | 0                                 | 10   | 10                            | 0                         | 950                          |
| 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                | 0               | 70                  | 50         | 130           | \$164,980     |
| Dentists   | 0                   | 0                       | 0                  | 0                 | 0               | 170                 | 70         | 240           | \$192,940     |
| Optometrists   | 0                   | 0                       | 0                  | 10                | 0               | 40                  | 40         | 90            | \$130,000     |
| Pharmacists  | 10                  | 10                      | 10                 | 190               | 60              | 70                  | 80         | 430           | \$118,060     |
| Physicians and surgeons                                    | 0                   | 0                       | 0                  | 10                | 30              | 1,180               | 420        | 1,640         | \$212,720     |
| Podiatrists  | 0                   | 0                       | 0                  | 0                 | 0               | 40                  | 10         | 50            |               |
| Veterinarians  | 0                   | 0                       | 0                  | 0                 | 0               | 80                  | 40         | 120           | \$87,460      |
| <b>TOTAL DOCTORS</b>                                       | <b>10</b>           | <b>10</b>               | <b>10</b>          | <b>220</b>        | <b>90</b>       | <b>1,650</b>        | <b>710</b> | <b>2,700</b>  |               |
| Registered nurses  | 20                  | 60                      | 2,230              | 2,820             | 570             | 120                 | 20         | 5,840         | \$79,350      |
| Licensed practical and licensed vocational nurses          | 160                 | 290                     | 180                | 20                | 0               | 10                  | 0          | 660           | \$47,100      |
| <b>TOTAL NURSES</b>  | <b>180</b>          | <b>350</b>              | <b>2,410</b>       | <b>2,840</b>      | <b>570</b>      | <b>130</b>          | <b>20</b>  | <b>6,500</b>  |               |
| Dietitians and nutritionists                               | 40                  | 10                      | 10                 | 70                | 30              | 0                   | 0          | 160           | \$59,800      |
| Physician assistants                                       | 20                  | 20                      | 50                 | 150               | 120             | 20                  | 10         | 390           | \$91,810      |
| Therapists   | 30                  | 80                      | 200                | 550               | 680             | 10                  | 40         | 1,590         | \$76,600      |
| Health diagnosing and treating practitioners, all other    | 40                  | 10                      | 40                 | 30                | 90              | 20                  | 40         | 270           | \$89,210      |
| Clinical laboratory technologists and technicians          | 60                  | 80                      | 340                | 300               | 10              | 10                  | 0          | 800           | \$63,920      |
| Dental hygienists  | 20                  | 30                      | 310                | 200               | 0               | 10                  | 0          | 570           | \$90,740      |
| Diagnostic related technologists and technicians           | 50                  | 100                     | 300                | 120               | 10              | 0                   | 0          | 580           | \$73,690      |
| Emergency medical technicians and paramedics               | 60                  | 140                     | 90                 | 60                | 10              | 0                   | 0          | 360           | \$48,050      |
| Health practitioner support technologists and technicians  | 400                 | 400                     | 230                | 170               | 10              | 10                  | 0          | 1,220         | \$51,610      |
| Medical records and health information technicians         | 240                 | 210                     | 150                | 70                | 0               | 0                   | 0          | 670           | \$39,300      |
| Opticians, dispensing                                      | 30                  | 50                      | 30                 | 30                | 0               | 0                   | 0          | 140           | \$38,220      |
| Healthcare technologists and technicians, all other        | 60                  | 80                      | 40                 | 60                | 20              | 10                  | 0          | 270           | \$49,510      |
| Occupational health and safety specialists and technicians | 80                  | 100                     | 60                 | 80                | 20              | 10                  | 0          | 350           | \$75,270      |
| Healthcare professional and technical workers, all other   | 40                  | 50                      | 30                 | 130               | 70              | 0                   | 0          | 320           | \$60,360      |
| <b>TOTAL ALLIED HEALTH</b>                                 | <b>1,170</b>        | <b>1,360</b>            | <b>1,880</b>       | <b>2,020</b>      | <b>1,070</b>    | <b>100</b>          | <b>90</b>  | <b>7,690</b>  |               |
| Massage therapists   | 130                 | 160                     | 120                | 130               | 20              | 10                  | 0          | 570           | \$86,250      |
| Nursing, psychiatric, and home health aides                | 1,470               | 1,190                   | 1,970              | 430               | 110             | 10                  | 0          | 5,180         | \$34,210      |
| Occupational therapy assistants and aides                  | 0                   | 0                       | 10                 | 0                 | 0               | 0                   | 0          | 10            |               |
| Physical therapist assistants and aides                    | 0                   | 20                      | 20                 | 20                | 0               | 0                   | 0          | 60            | \$40,960      |
| Healthcare support workers, all other                      | 1,120               | 1,080                   | 780                | 280               | 10              | 30                  | 0          | 3,300         | \$39,310      |
| <b>TOTAL HEALTHCARE SUPPORT</b>                            | <b>2,720</b>        | <b>2,450</b>            | <b>2,900</b>       | <b>860</b>        | <b>140</b>      | <b>50</b>           | <b>0</b>   | <b>9,120</b>  |               |
| <b>TOTAL HEALTHCARE JOBS</b>                               | <b>4,080</b>        | <b>4,170</b>            | <b>7,200</b>       | <b>5,940</b>      | <b>1,870</b>    | <b>1,930</b>        | <b>820</b> | <b>26,010</b> |               |

(Numbers may differ slightly from total due to rounding)

\* Occupational Employment Statistics data, 2010