



Fig 1: Healthcare and Social Assistance Industry Jobs

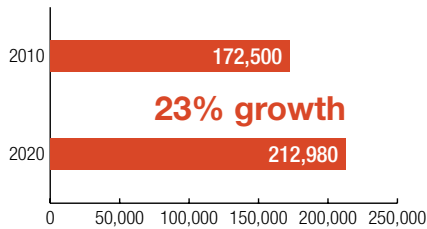
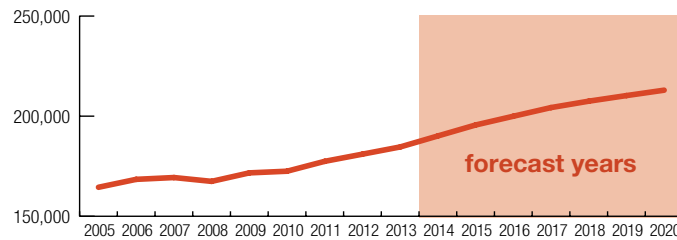


Fig 2: Health Care and Social Assistance Employment



Healthcare

- Is 11% of state employment
- Will grow at 23% compared to 16% for all other state jobs

62,020 job openings between 2010 and 2020

9% Doctors

29% Nurses

23% Allied

39% Support

Demand

Table 1: Demand by Occupation, 2010-2020

| | Total Jobs | | Job Openings |
|---|------------|--------|--------------|
| | 2010 | 2020 | 2010-2020 |
| Healthcare Professional and Technical Occupations | 67,530 | 82,510 | 36,880 |
| Healthcare Support Occupations | 42,220 | 55,250 | 25,140 |

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 | 2,280 | 3,250 | 12,250 | 10,450 | 3,810 | 3,720 | 1,110 | 36,880 |
| | 6% | 9% | 33% | 28% | 10% | 10% | 3% | 100% |
| Healthcare Support | 8,060 | 8,670 | 5,550 | 2,020 | 270 | 450 | 110 | 25,140 |
| | 32% | 34% | 22% | 8% | 1% | 2% | 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 | 2,720 | 1,940 | 560 | 80 | 1,550 | 0 | 6,840 |
| Medicine | | | | 130 | | | 130 |
| Nursing | 1,390 | 930 | 230 | 0 | 0 | 0 | 2,540 |

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 | 3,330 | 890 | 2,340 | 90 | 70 | 40 | 40 | 3,400 |
| Nursing | 90 | 0 | 90 | 0 | 20 | 0 | 10 | 110 |

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 | 10 | 10 | 0 | 40 | 30 | 490 | 370 | 950 | \$76,970 |
| Dentists | 0 | 0 | 0 | 10 | 10 | 680 | 310 | 1,010 | \$202,750 |
| Optometrists | 20 | 10 | 0 | 30 | 20 | 240 | 240 | 560 | \$104,370 |
| Pharmacists | 40 | 70 | 40 | 1,420 | 410 | 520 | 620 | 3,120 | \$97,920 |
| Physicians and surgeons | 10 | 10 | 0 | 40 | 100 | 4,000 | 1,440 | 5,600 | \$188,450 |
| Podiatrists | 0 | 0 | 0 | 0 | 0 | 100 | 20 | 120 | \$144,150 |
| Veterinarians | 10 | 0 | 10 | 10 | 20 | 520 | 280 | 850 | \$70,510 |
| TOTAL DOCTORS | 90 | 100 | 50 | 1,550 | 590 | 6,550 | 3,280 | 12,210 | |
| Registered nurses | 120 | 330 | 12,000 | 15,170 | 3,060 | 630 | 90 | 31,400 | \$51,970 |
| Licensed practical and licensed vocational nurses | 1,850 | 3,370 | 2,160 | 280 | 30 | 80 | 0 | 7,770 | \$36,320 |
| TOTAL NURSES | 1,970 | 3,700 | 14,160 | 15,450 | 3,090 | 710 | 90 | 39,170 | |
| Dietitians and nutritionists | 160 | 60 | 30 | 290 | 110 | 0 | 10 | 660 | \$48,690 |
| Physician assistants | 50 | 30 | 110 | 310 | 260 | 40 | 30 | 830 | \$84,420 |
| Therapists | 130 | 330 | 880 | 2,320 | 2,810 | 120 | 190 | 6,780 | \$66,320 |
| Health diagnosing and treating practitioners, all other | 70 | 10 | 70 | 60 | 160 | 40 | 70 | 480 | \$75,060 |
| Clinical laboratory technologists and technicians | 220 | 290 | 1,070 | 1,060 | 80 | 30 | 10 | 2,760 | \$52,040 |
| Dental hygienists | 80 | 120 | 1,210 | 770 | 20 | 30 | 0 | 2,230 | \$63,880 |
| Diagnostic related technologists and technicians | 280 | 600 | 1,680 | 700 | 80 | 20 | 10 | 3,370 | \$57,960 |
| Emergency medical technicians and paramedics | 370 | 830 | 510 | 360 | 50 | 0 | 0 | 2,120 | \$30,930 |
| Health practitioner support technologists and technicians | 1,970 | 1,970 | 1,130 | 860 | 70 | 30 | 20 | 6,050 | \$37,730 |
| Medical records and health information technicians | 750 | 670 | 480 | 220 | 10 | 0 | 0 | 2,130 | \$31,860 |
| Opticians, dispensing | 200 | 310 | 190 | 190 | 20 | 30 | 0 | 940 | \$28,030 |
| Healthcare technologists and technicians, all other | 220 | 260 | 130 | 220 | 70 | 20 | 0 | 920 | \$36,440 |
| Occupational health and safety specialists and technicians | 120 | 150 | 80 | 110 | 30 | 10 | 0 | 500 | \$42,660 |
| Healthcare professional and technical workers, all other | 100 | 130 | 70 | 260 | 120 | 0 | 0 | 680 | \$39,060 |
| TOTAL ALLIED HEALTH | 4,720 | 5,760 | 7,640 | 7,730 | 3,890 | 370 | 340 | 30,450 | |
| Massage therapists | 240 | 290 | 220 | 230 | 40 | 10 | 0 | 1,030 | \$35,620 |
| Nursing, psychiatric, and home health aides | 7,000 | 6,750 | 18,130 | 3,400 | 1,030 | 30 | 20 | 36,360 | \$23,990 |
| Occupational therapy assistants and aides | 10 | 40 | 270 | 40 | 10 | 0 | 0 | 370 | \$44,740 |
| Physical therapist assistants and aides | 190 | 320 | 580 | 320 | 20 | 0 | 0 | 1,430 | \$41,190 |
| Healthcare support workers, all other | 4,570 | 4,400 | 3,150 | 1,180 | 50 | 150 | 10 | 13,510 | \$29,010 |
| TOTAL HEALTHCARE SUPPORT | 12,010 | 11,800 | 22,350 | 5,170 | 1,150 | 190 | 30 | 52,700 | |
| TOTAL HEALTHCARE JOBS | 18,790 | 21,360 | 44,200 | 29,900 | 8,720 | 7,820 | 3,740 | 134,530 | |

(Numbers may differ slightly from total due to rounding)

* Occupational Employment Statistics data, 2010