

Physician (M.D. or D.O.)



- Projected increase in jobs (by 2022) = 18%
- Doctoral degree and internship, residency, board certification
- Average salary (2019) = \$188,905 *
- Subspecialties can earn more than \$200,000 per year
- All require 4 yrs of professional school, internship, and/or post-doctoral training and specialization.

* www.payscale.com

Physician Assistant (P.A.)

Based both on salary and job prospects,

- Money magazine: "fifth best job in America"
- CNN Money: "number two best job in America"
- Forbes: "number one <u>Master's Degree</u>"

Average salary (2019) = \$92,949

Physician assistants in emergency medicine, dermatology, and surgical subspecialties can earn \$100,000 to \$200,000 per year

Dentist (D.D.M. or D.D.S.)

Projected increase in jobs (by 2022) = 18%

Doctoral degree and certification

Average salary (2019) = \$158,310



4 yrs of professional school, certification

Pharmacist (Pharm. D.)



Projected increase in jobs = 14%

Doctoral degree and internship, residency, board certification

Average salary (2019) = \$111,815

Physical Therapist (D.P.T.)

Projected increase in jobs: 27 percent

Median pay : \$69,820

Education/training: doctoral degree from an accredited physical therapy program and a state license.



Nursing

Nursing (Certified Nursing Assistant, Licensed Practical Nurse, Registered Nurse, Bachelor of Science in Nursing, Master of Science in Nursing, Doctorate in Nursing)

Many specialities

Increased demand for nurses:

 +39% in Offices of physicians
 +39% in Home health care services
 +34% in Outpatient care centers
 +22% in Hospitals, public and private
 +20% in Nursing care facilities

Medical/Nursing Alternatives:

Allied Health







Allied Health Careers

Pharmacist/technician Chiropractic/massage/occupational therapy Medical technician/assistant Perfusionist/phlebotomist Dental assistant/hygienist ► EMT/Paramedic Medical transcription Dietetics/nutritionist Social work

* Not the same requirements as a medical degree or a graduate degree.

Physical Therapist Assistant

Projected increase in jobs: 32 percent

Average salary (2019): \$54,882

Education/training: PTAs are required to complete an accredited, 2year program that combines semesters of academic study and hands-on clinical experience. After completing the program, PTAs must be accredited by the American Physical Therapy Association. Depending on the state of employment additional testing and licensing may be required.

Job outlook: Job opportunities should be particularly good in acute hospital, skilled nursing, and orthopedic settings, where the elderly are most often treated. Job prospects should be especially favorable in rural areas, as many physical therapists tend to cluster in highly populated urban and suburban areas.

Pharmacy Technician

Projected increase in jobs: 32 percent

Average salary (2019): \$30,188

Education/training: Most of the training a pharmacy technician receives is on the job. However, education, experience, certification, and customer service skills will aid someone looking to break into this field.

Job outlook: The demand for pharmacy technicians will increase along with the elderly population. Pharmacies looking to cut costs will shift more responsibilities from pharmacists to technicians.

Dental Hygienist

Projected increase in jobs: 30 percent

Average salary (2019): \$68,801

Education/training: Dental hygienists must get a state license to practice. A degree from dental hygiene school is also usually required.

Job outlook: Dental hygienists will continue to be in demand as the population ages and care improves. Older patients are keeping their teeth longer instead of wearing dentures. Hygienists will take over more tasks that were previously performed by dentists.

Dental Assistant

Projected increase in jobs: 29 percent

Average salary (2019): \$36,972

Education/training: In the past, a high school diploma and on-the-job training were all that was required, but many dental assistants are now completing one- or two-year certificate or diploma programs.

Job outlook: As dental health among older generations improves, routine preventative care is needed more than ever before. Also, younger dentists entering the field are more likely to work with assistants.

Medical Assistant

Projected increase in jobs: 35 percent

Average salary (2019): \$31,472

Education/training: A one-year certificate or two-year associate's degree program is often required, but medical assistants also receive on-the-job training specific from their employer.

Job outlook: The medical industry is expected to expand because of technological advances and the growing elderly population. As the healthcare industry expands, more practices and clinics requiring large support staffs are opening.

Mental Health/Substance Abuse Counselor

Projected increase in jobs: 30 percent

Average salary (2019): \$40,427

Education/training: A Master's Degree is viewed as standard for most counselors.

Job outlook: The justice system is increasingly assigning drug offenders to treatment programs instead of jail, fueling demand for counselors.

Veterinarian (D.V.M.)

Projected increase in jobs: 28%

Average salary (2019) : \$77,196



Education/training: Doctor of Veterinary Medicine. That's no easy task — admission to veterinary school is competitive. Before practicing, veterinarians must also be licensed by the state.

Veterinary Technician/Assistant

Projected increase in jobs: 41 percent

Average salary (2019): \$27,750

Education/training: 2-year Associate's Degree from an accredited community college veterinary technician program, or on-the-job training

Veterinary Alternatives: Zoos/Aquariums

Veterinary Alternatives: Animal Trainer, Behaviorist, or Groomer









Veterinary Alternatives: Animal Science

Professor (Ph. D.)

Average salary (2019) = \$72,470

• 4-year doctoral degree



Department of Health & Human Services



National Institutes of Health
 Centers for Disease Control







Dept. of Health & Environmental Conservation (DHEC)



Forensic Scientist

Projected increase in jobs: 31 percent

Average salary (2019): \$52,956

Education/training: A Bachelor's Degree in <u>**Criminology**</u> is required to work in the field. Hands-on experience in a lab and legal knowledge are great assets.

Job outlook: New positions at state and county crime labs will sprout up as emphasis is placed on using forensic science to solve and prevent crimes.

Environmental Science Technician

Projected increase in jobs: 28

Average salary (2019): \$50,289

Education/training: Requirements vary, but most working in the field have at least two years of specialized training, a two-year Associate's Degree, or a Bachelor's Degree in chemistry or biology.

Job outlook: As the professional world takes a growing interest in environmental monitoring, management, and regulatory compliance, technicians will be needed to regulate waste, clean up contamination, and collect samples to help monitor pollution levels.

* Environmental engineering requires B.Sc., M.Eng.

National, State, and Government AgenciesDepartment of Energy







NGOs, NPOs, etc.

The Nature Conservancy
Ducks Unlimited
Conservation International
Defenders of Wildlife
National Audubon Society
World Wildlife Fund



Protecting nature. Preserving life.[™]





Field / Laboratory Jobs

Zoology, Botany, Forestry, Ecology, Wildlife Management, Agriculture, etc ...



Marine Biology



Botany, Botanical Research



Museum Curator



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