



STEM Careers

Epidemiologist

Job Description: Investigate and describe the source and distribution of disease, disability, or health outcomes. Epidemiologists may develop the means for prevention and control.

What does an Epidemiologist do?

- Plan and direct studies to investigate human or animal diseases, preventative methods, and treatments
- Monitor and report incidents of infectious diseases to local and state agencies
- Communicate research findings on diseases to health practitioners, policy makers, and the public
- Investigate diseases or parasites to determine cause and risk factors, life cycle, and mode of transmission
- Oversee public health programs and educate the general public on infectious diseases
- Study effects of drugs, gases, pesticides, or microorganisms on cell structure and tissue
- Standardize drug dosage, methods of immunization, and manufacture of drugs

Your Interests:

- Are you interested in how diseases spread and impact the body?
- Are you interested in learning about public health?
- Are you interested in analyzing data to understand trends in infectious diseases?

Outlook: Bright

Average Salary - \$37.90 hourly, \$78,830 annually

Projected Job Openings - 7,800 over the next 10 years.

Education/Program of Study:

- Entry level positions in this field require a master's degree.
 - Possible degree paths include chemistry, biology, public health, medicinal sciences, and other related areas.

Sources:

<https://www.onetonline.org/link/summary/19-1041.00>