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.