

Target Group:



Occupational Profile

# Epidemiologist

Standard Occupational Code 19-1041.00

## What They Do

Investigate and describe the determinants and distribution of disease, disability, or health outcomes. May develop the means for prevention and control.

## Is This For You?

**Work Interests** are described in the following categories (compatible with Holland's Model). People who tend to succeed in this career are:

**Investigative** – Interested in science and logic. They like to analyze, evaluate, and solve problems, and enjoy learning and understanding the causes of events.

**Social** – Like to work with other people. They enjoy teaching, helping, and curing people. They are good with words.

**Work Values** are aspects of work that are satisfying to you. The following work values are generally associated with this career:

**Recognition** – Offer advancement, potential for leadership, and may be considered prestigious.

**Achievement** – Results oriented occupation that allows employees to use their strongest abilities, giving them a feeling of accomplishment.

**Independence** – Allow employees to work on their own and make decisions.

**Abilities** reflect a person's aptitude to acquire skills and knowledge. The following abilities are important for success in the career:

- Problem Sensitivity
- Oral Comprehension
- Oral Expression
- Written Comprehension
- Deductive Reasoning
- Inductive Reasoning

## Skills You Need

- Science
- Reading Comprehension
- Speaking
- Active Listening
- Critical Thinking
- Writing
- Complex Problem Solving
- Judgment and Decision Making

## Education & Training

Epidemiologists need **at least a master's degree in epidemiology or related program.**

## Employment & Wages\*

2012 Workers	2022 Workers	Numeric Change	Percent Change	Median Annual Wage
5,100	5,600	500	9.8%	\$65,270

## Additional References

### Career OneStop

[www.careeronestop.org](http://www.careeronestop.org)

### O\*Net Online

[online.onetcenter.org](http://online.onetcenter.org)

### \* Bureau of Labor Statistics (National Data)

[www.bls.gov](http://www.bls.gov)

## Requirements for the National Career Readiness Certificate (NCRC)

	Median Skill Level
Applied Mathematics	5
Reading for Information	5
Locating Information	5

## Where They Work

Industries which employ the largest number of epidemiologists are:

- Laboratories
- State and Local Health Departments
- Federal or Government Health Agencies
- Colleges or Universities
- Large Medical Corporations

Visit [www.sdjobs.org/lmic/occprofiles](http://www.sdjobs.org/lmic/occprofiles) to obtain the most recent workforce data and trends. Also available are explanations of the terms used for work interests, work values, abilities, and skills sections of occupational profiles.