

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 – involves working with ideas, and require an extensive amount of thinking. Can involve searching for facts and figuring out problems mentally.

Social – involves working with, communicating with, and teaching people. Often involve helping or providing service to others.

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 are often considered prestigious.

Achievement – results oriented and allow 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.**

US Employment & Wages

2014 Workers	2024 Workers	Numeric Change	Percent Change	Annual Job Openings	Median Annual Wage
5,800	6,100	300	6%	220	\$65,270

Additional References

Labor Market Information Center

www.dlr.gov/mic

Career OneStop

www.careeronestop.org

O*Net Online

www.onetcenter.org

mySkills myFuture

www.myskillsmyfuture.org

Requirements for the National Career Readiness Certificate (NCRC)

	Median Skill Level
Applied Mathematics	7
Reading for Information	7
Locating Information	6
Business Writing	5
Workplace Observation	4
Listening for Understanding	4

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

Additional References

Labor Market Information Center
South Dakota Dept. of Labor Regulation
605.626.2314

Visit www.dlr.sd.gov/mic and choose Career Exploration & Planning from the left-hand menu, then Hot Careers to obtain most recent workforce data and trends and more resources, including this document. Also available are explanations of the terms used in the work interests, work values, abilities and skills sections of this occupational profile.

Updated March 2017.