Target Group:

**Epidemiologist**

**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 – Using scientific rules and methods to solve problems.
- Critical Thinking – Using logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to problems.
- Reading Comprehension – Understanding written sentences and paragraphs in work related documents.
- Active Learning – Understanding the implications of new information for both current and future problem-solving and decision-making.
- Judgment and Decision Making – Considering the relative costs and benefits of potential actions to choose the most appropriate one.

Education & Training

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

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

US Employment & Wages

<table>
<thead>
<tr>
<th></th>
<th>2016 Workers</th>
<th>2026 Workers</th>
<th>Numeric Change</th>
<th>Percent Change</th>
<th>Annual Job Openings</th>
<th>Median Annual Wage</th>
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<tbody>
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<td>Workers</td>
<td>6,100</td>
<td>6,600</td>
<td>500</td>
<td>9%</td>
<td>600</td>
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</tbody>
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Activities: what you might do in a day

- Direct medical science or healthcare programs
- Plan biological research
- Develop methods of social economic research
- Communicate with government agencies
- Research diseases or parasites.
- Prepare scientific or technical reports or presentations
- Establish standards for products, processes, or procedures
- Train personnel in technical or scientific procedures
- Supervise scientific or technical personnel.
- Establish standards for medical care.

Additional References

Career OneStop
www.careeronestop.org

O*Net Online
www.onetcenter.org

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