



STEM Careers

Statistician

Job Description: Translating numerical data into useful, usable information. May specialize in bio-statistics, agricultural statistics, business statistics, or economic statistics.

What does a Statistician do?

- Identify relationships and trends in data
- Identify factors that can affect research
- Analyze and interpret data to find differences in relationships
- Use computer systems and programs to write statistical programs
- Design surveys, questionnaires, experiments, opinion polls, etc. in order to collect data
- Adapt statistical methods to solve problems

Your Interests:

- Do you like numbers?
- Do you like analyzing and finding relationships in data?
- Do you like using data to improve plans?
- Do you like designing surveys or experiments?

Outlook: **Bright, Faster than Average**

Average Salary - \$42.20 hourly, \$87,780 annual

Projected Job Openings - 5,300 over the next 10 years.

Education/Program of Study:

- Most occupations require a graduate degree, such as a masters. Some positions may require a Ph.D.

Sources:

<https://www.onetonline.org/link/summary/15-2041.00>

<https://www.bls.gov/ooh/math/mathematicians-and-statisticians.htm#tab-4>