



# THINK YOU KNOW STATISTICS? THINK AGAIN!

Statistics is a fulfilling and rewarding profession. With a career in statistics — the science of learning from data — you can make a difference, have fun, satisfy your curiosity, and make money.



**Make a Difference**



**Have Fun**



**Satisfy Curiosity**



**Make Money**

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## Where Do Statisticians Work and What Do They Do?

### **Sports**

Work with professional or college sports teams using statistics to inform draft picks for the most competitive players.

### **Medicine and Health**

Help medical researchers understand the prevalence of disease among various populations. Work with pharmaceutical companies to develop new drugs that are safe and effective.

### **Data Science**

Contribute to advancements in the computing industry through machine learning, speech recognition and artificial intelligence. Work for companies like Microsoft, Google and Apple.

### **Ecology and the Environment**

Conduct analyses that lead to better management of the earth's natural resources, working for organizations like the National Forest Service and World Resources Institute.

### **Business and Finance**

Help industry improve efficiency in business processes; work with banks to identify risk and opportunity in lending, investing and other areas.

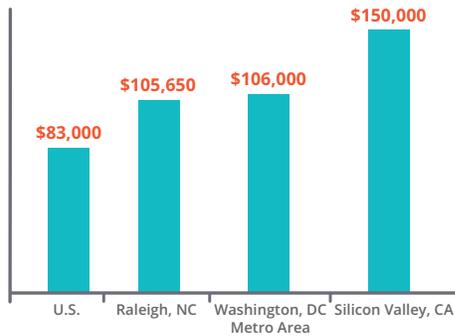
### **Politics and Government**

Improve voter targeting and assess the success of government policies and programs.

# Jobs in Statistics are Growing Fast and Offer Competitive Salaries

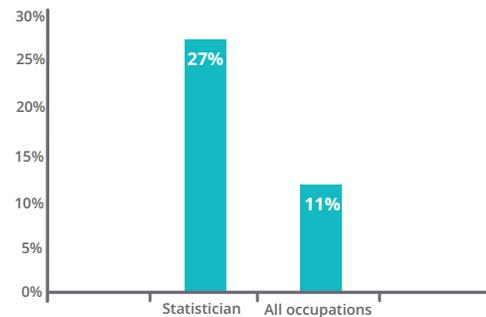
## Mean annual salaries of statisticians in 2014

Source: U.S. Bureau of Labor Statistics.



## Jobs in statistics are expected to grow faster than average for all occupations

Source: U.S. Bureau of Labor Statistics. Covers employment growth from 2012 to 2022.



## Four More Reasons to Study Statistics

- » Statistical analysis and data mining were listed among the “**hottest skills of 2014**” by **LinkedIn**.
- » The **McKinsey Global Institute** predicts a shortage of up to **190,000 people** with the skills needed to run Big Data projects.
- » Online jobs site **CareerCast** named statistician a top job for **women**.
- » **Fortune** magazine ranked statistics and biostatistics among the top graduate degrees based on **salary, growth** and **job satisfaction**.

To learn more about careers in statistics,  
and how to become a statistician,  
go to [www.ThisIsStatistics.org](http://www.ThisIsStatistics.org)