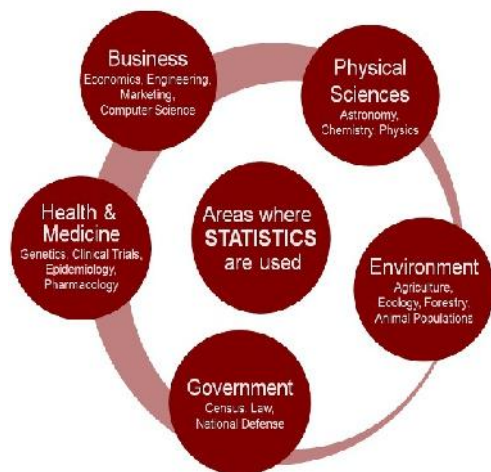


Education

- High School
 - Study statistics, mathematics, science, computer science, and English
- College
 - Major in statistics, applied mathematics, or a closely related field (i.e. epidemiology, engineering)
- Post-Graduate
 - Many career fields require a Master's degree or PhD in a specialized statistical field



What are the Goals of **Statistics2013**?

- Increase public awareness of the power and impact of statistics on all aspects of society
- Nurture statistics as a profession, especially among young people
- Promote creativity and development in the sciences of probability and statistics



CARICOM Statistics Sub-programme

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STATISTICS IN EVERYDAY LIFE

Let us Educate and Appreciate

What Can I Do With A Degree in Statistics?



LEARNING AND RESEARCH



Statisticians at Work

Education

Education is a leading worldwide industry, and the tasks educational statisticians can choose to undertake are diverse. Statisticians teach students from kindergarten through doctoral programs. They may help assess teacher effectiveness, analyze a large database to understand a particular issue, or develop better statistical models to represent the amount of learning attained by one student or all students in a school district, state or province, or an entire nation.



“I became involved with statistics because mathematics did not provide the avenue to cross into other areas of science and continue to learn about topics that interested me. I have stayed in statistics because of the diversity that it offers and because of the rational approach it provides to seek solutions to problems.”

Dan Mowrey, Senior Research Scientist

Science Writing and Journalism

Science writers are employed by the mass media, universities, and corporations to produce news briefs, articles, news releases, and other reports. Writers with scientific backgrounds are especially in demand because of their ability to explain complicated statistical or scientific data in easy-to-understand articles for non-statisticians and the general public.

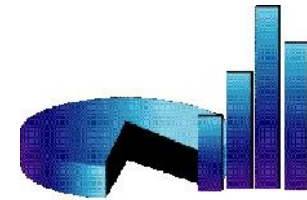


Government

Statistical methods are used in government regulation on topics such as stock trading rules, air purity standards, and new drug approvals. Statistics also are cited in court proceedings, parliamentary or congressional hearings, and lobbying arguments. Politics involve statistics in the form of approval-rating surveys, voter registration, campaigning, and election predictions. Statisticians participate in government agencies and assist in national, provincial, or state government decision-making and policymaking.

Survey Methods

Statisticians work on surveys in government, the social sciences, education, law, forestry, agriculture, biology, medicine, business, and e-commerce. A survey statistician might study efficient survey design, experimental methods for increasing response rates, accounting for non-response and under-coverage, or how to release data to the public while maintaining the confidentiality of respondents. Other important issues include questioning wording and design and deciding where and how to take samples that will include traditionally under-represented groups.



For more information, check out

<http://www.statistics2013.org/>