

Department of Statistical Science

Master of Professional Studies

The Master of Professional Studies (MPS) is a degree in **Applied Statistics** for professional careers in business, industry or government. The program can be completed in one year by a well-prepared student with the equivalent of an undergraduate degree in statistics or applied mathematics.

Students with less preparation can make up missing prerequisites, while at Cornell, which will increase the time required to complete the degree requirements by one or two additional semesters.

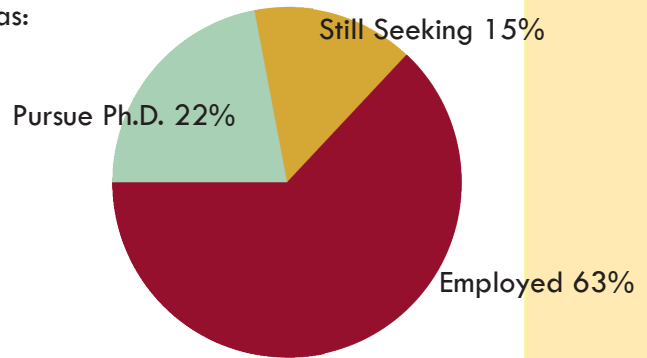
Graduates perform statistical analysis in the following areas:

- Survey sampling
- Experimental design
- Survival analysis
- Linear and nonlinear models
- Data mining and statistical learning
- Time series and stochastic processes
- SAS programming and statistical computing
- Visualization
- Statistical modeling and analysis

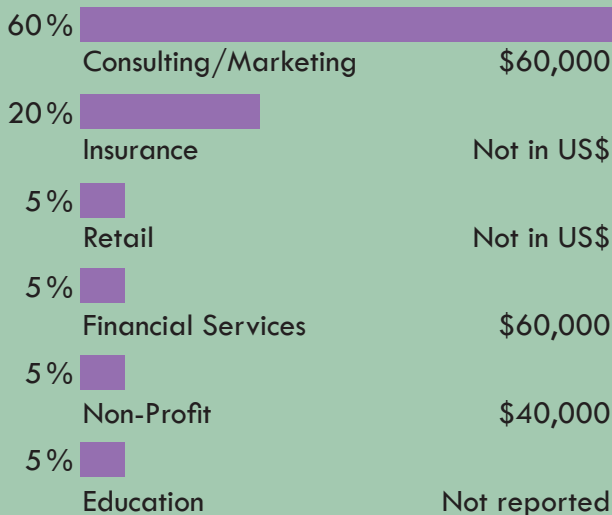
Data-Centered Statistics, an option added Fall of 2008, focuses on the following areas:

- High-performance computing as it relates to statistics, data, and large (tera- or peta-scale) datasets
- Advanced statistical programming and software
- Databases: design, SQL, optimization, interfaces
- Middleware, interoperability, scripting and associated languages (PERL, PYTHON, C#, etc.)
- Cluster-, super-, and grid computing

Postgraduate Activities



Most Frequently Selected Fields, with average salaries



Sample Job Titles

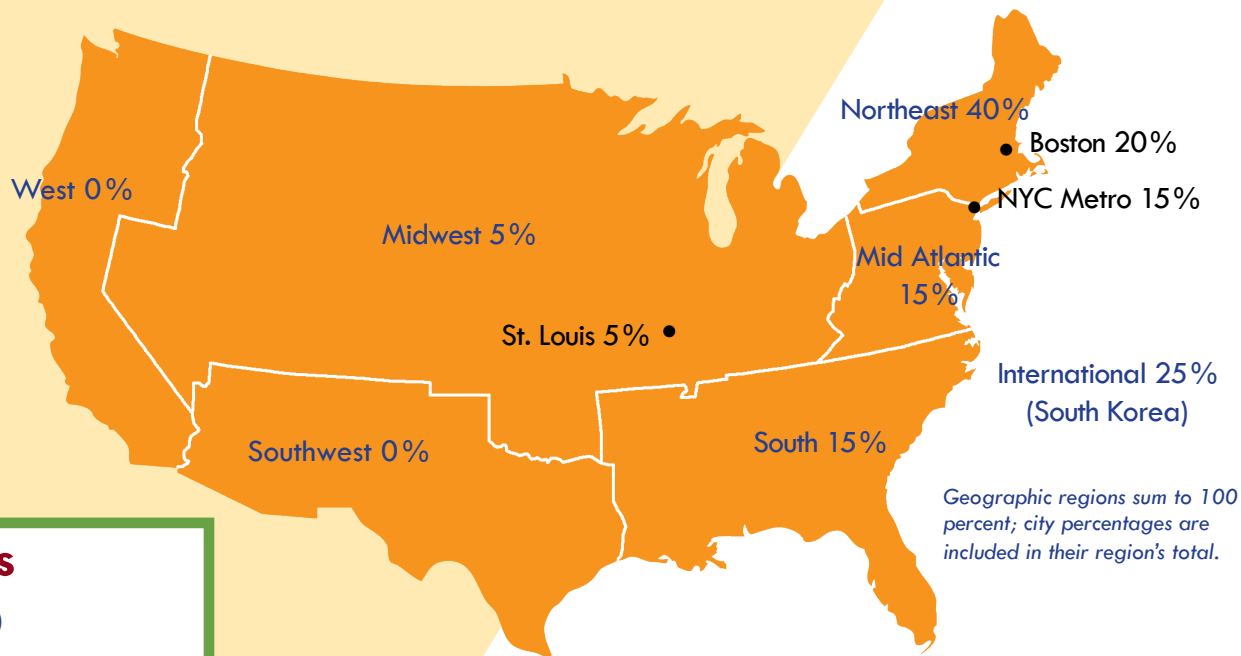
- Retirement Pension Fund
- Manager
- Marketing Assistant
- Corporate Strategy Manager
- Senior Data Analyst
- Statistician
- Risk Analyst
- Statistical Modeler

Response Rates

Response Rate 100%

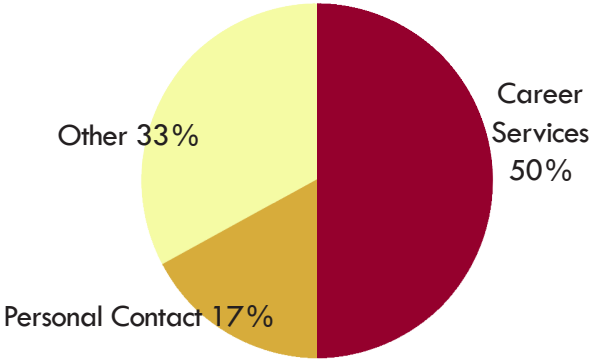
Surveyed	32
Responded	32

Geographic Location of Employed Graduates



- ### Employers
- AdvanceMed (2)
 - BAE Systems
 - Barclays
 - Cornell University
 - Digital Risk LLC
 - Dratfield Analytics Marketing
 - Epsilon
 - Hyundai Fire & Marine Insurance
 - Joslin Diabetes Center
 - LG Electronics
 - Monsanto
 - Risk Management Solutions
 - Samsung Insurance (3)
 - Statistics Collaborative
 - Trinity Partners (2)
- *unless specified, employer hired one*

How Employment was found



Salary Statistics

(mean annual salaries, shown in US Dollars)
MPS Applied Statistic Masters
\$60,000

Signing Bonus

One student reported receiving a signing bonus of \$5,000

For More Information
www.stat.cornell.edu

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