Statisticians
15-2041.00

Description: Develop or apply mathematical or statistical theory and methods to collect, organize, interpret, and summarize numerical data to provide usable information.

Other Resources:
ONET Link
MyNextMove Link

Sample of Reported Job Titles: Demographer, Mathematical Statistician, Psychometric Consultant

Job Zone
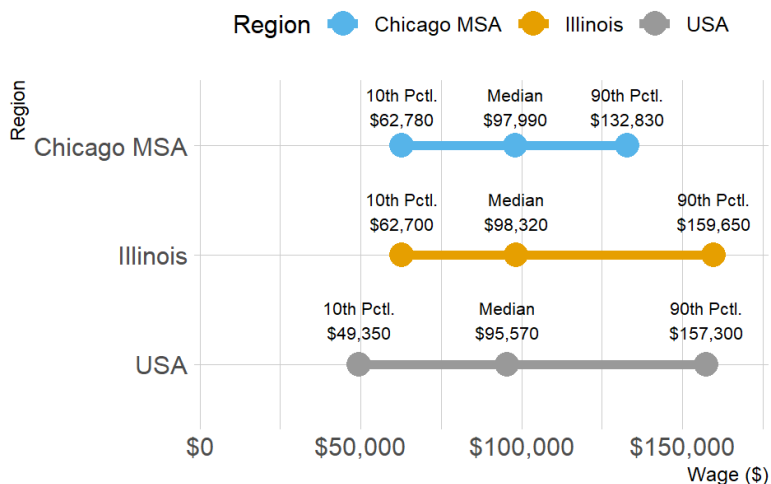
Title: 5 - Extensive Preparation Needed

Education: Require graduate school.

Experience: Extensive skill, knowledge, and experience are needed for these occupations. Many require more than five years of experience.

Training: May need some on-the-job training, but most of these occupations assume that the person will already have the required skills, knowledge, work-related experience, and/or training.

Hot Technologies: Amazon Redshift, Apache Hadoop, Apache Pig, Apache Spark, C++, Common business oriented language COBOL, IBM SPSS Statistics, Linux, Microsoft Access

Region	Employment	Location Quotient	Median Wage
Chicago MSA	640	0.68	$97,990
Illinois	870	0.69	$98,320
USA	31,370	–	$95,570

Region ● Chicago MSA ● Illinois ● USA

	10th Pctl.	Median	90th Pctl.
Chicago MSA	$62,780	$97,990	$132,830
Illinois	$62,700	$98,320	$159,650
USA	$49,350	$95,570	$157,300

Wage ($)

Top 5 Core Tasks According to Current Job Holders	Frequency	Importance (out of 100)
Analyze and interpret statistical data to identify significant differences in relationships among sources of information.	Daily	91
Identify relationships and trends in data, as well as any factors that could affect the results of research.	More than weekly	87
Determine whether statistical methods are appropriate, based on user needs or research questions of interest.	More than monthly	87
Prepare data for processing by organizing information, checking for inaccuracies, and adjusting and weighting the raw data.	More than weekly	86
Present statistical and nonstatistical results, using charts, bullets, and graphs, in meetings or conferences to audiences such as clients, peers, and students.	More than monthly	86

Nathalie P. Voorhees Center for Neighborhood and Community Improvement