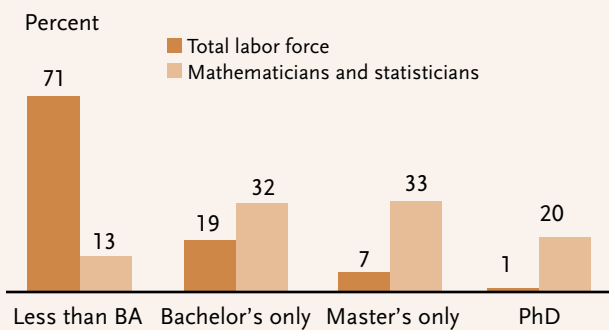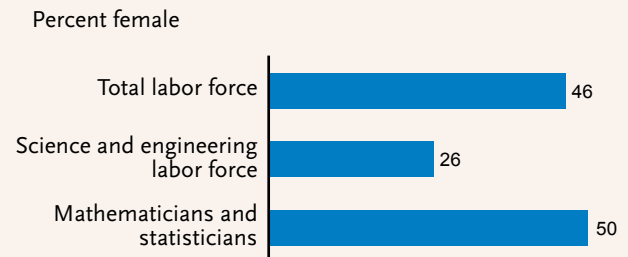**PRB**

Mathematicians and Statisticians
in the United States, 2007

This profile summarizes the demographic, social, and economic characteristics of the 40,000 Mathematicians and Statisticians in the United States. In 2007, the unemployment rate for Mathematicians and Statisticians was 1% and median earnings were $66,000.
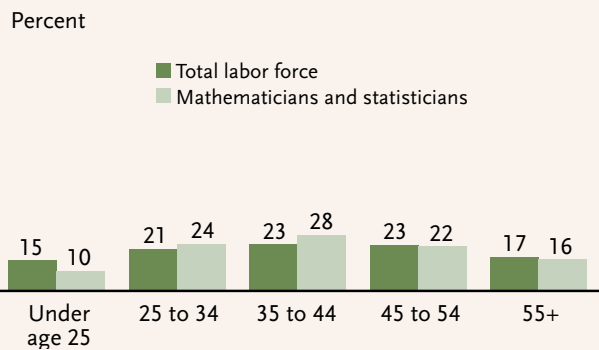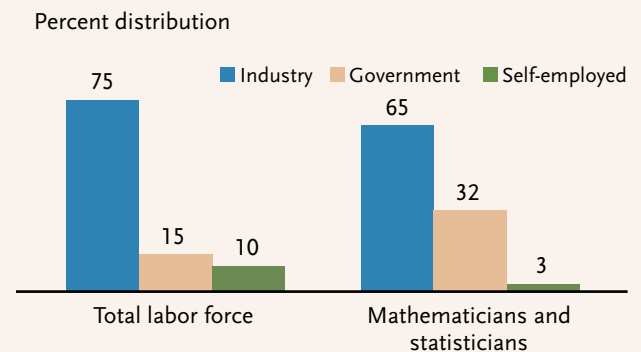
Educational Attainment, 2007

Percent

- Total labor force
- Mathematicians and statisticians

	Less than BA	Bachelor's only	Master's only	PhD
Total labor force	71	19	7	1
Mathematicians and statisticians	13	32	33	20

Female Labor Force Participation, 2007

Percent female

Total labor force	46
Science and engineering labor force	26
Mathematicians and statisticians	50

Age Distribution, 2007

Percent

- Total labor force
- Mathematicians and statisticians

	Under age 25	25 to 34	35 to 44	45 to 54	55+
Total labor force	15	21	23	23	17
Mathematicians and statisticians	10	24	28	22	16

Class of Worker, 2007

Percent distribution

- Industry
- Government
- Self-employed

	Industry	Government	Self-employed
Total labor force	75	15	10
Mathematicians and statisticians	65	32	3

Race/Ethnic Composition, 2007

	Mathematicians and statisticians (%)	Total labor force (%)
White*	74	68
African American*	7	11
American Indian*	0	1
Asian*	15	5
Other race*	1	1
Hispanic	2	14
Foreign-born	23	16

*Non-Hispanic

Labor Force Trends, 2005-2007

	2005	2007	Percent change
All science and engineering occupations			
Size of labor force	7,362,000	7,553,000	2.6*
Median earnings	$62,000	$61,000	-1.6
Mathematicians and statisticians			
Size of labor force	34,000	40,000	17.6
Median earnings	$62,000	$66,000	6.5

*Statistically significant change.

Science and Engineering Occupations in the United States, Ranked by 2007 Earnings

	Labor force (margin of error)	Median earnings (margin of error)		Labor force (margin of error)	Median earnings (margin of error)
Petroleum, mining and geological engineers	26,000 (+/-4,000)	92,000 (+/-6,000)	Chemists and materials scientists	95,000 (+/-8,000)	61,000 (+/-2,000)
Actuaries	21,000 (+/-4,000)	86,000 (+/-6,000)	Computer scientists and systems analysts	781,000 (+/-23,000)	61,000 (+/-500)
Economists	26,000 (+/-4,000)	86,000 (+/-6,000)	Environmental scientists and geoscientists	76,000 (+/-7,000)	61,000 (+/-1,000)
Chemical engineers	59,000 (+/-6,000)	84,000 (+/-4,000)	Network and computer systems administrators	234,000 (+/-13,000)	60,000 (+/-2,000)
Astronomers and physicists	14,000 (+/-3,000)	83,000 (+/-8,000)	Market and survey researchers	165,000 (+/-11,000)	55,000 (+/-3,000)
Aerospace engineers	137,000 (+/-10,000)	81,000 (+/-2,000)	Urban and regional planners	24,000 (+/-4,000)	55,000 (+/-2,000)
Computer software engineers	794,000 (+/-23,000)	81,000 (+/-500)	Network systems and data communications analysts	353,000 (+/-16,000)	54,000 (+/-2,000)
Miscellaneous engineers, incl. nuclear engineers	456,000 (+/-18,000)	79,000 (+/-2,000)	Agricultural and food scientists	25,000 (+/-4,000)	51,000 (+/-3,000)
Electrical and electronic engineers	234,000 (+/-13,000)	77,000 (+/-2,000)	Psychologists	173,000 (+/-11,000)	51,000 (+/-1,000)
Computer hardware engineers	65,000 (+/-7,000)	75,000 (+/-3,000)	Conservation scientists and foresters	27,000 (+/-4,000)	50,000 (+/-2,000)
Marine engineers and naval architects	13,000 (+/-3,000)	74,000 (+/-3,000)	Geological and petroleum technicians	18,000 (+/-4,000)	50,000 (+/-5,000)
Biomedical and agricultural engineers	14,000 (+/-3,000)	73,000 (+/- 4,000)	Biological scientists	91,000 (+/-8,000)	49,000 (+/-2,000)
Civil engineers	318,000 (+/-15,000)	71,000 (+/-2,000)	Surveyors, cartographers, and photogrammetrists	44,000 (+/-6,000)	49,000 (+/-2,000)
Environmental engineers	32,000 (+/-5,000)	71,000 (+/-3,000)	Engineering technicians	442,000 (+/-17,000)	46,000 (+/-500)
Mechanical engineers	238,000 (+/-13,000)	71,000 (+/-1,000)	Computer support specialists	466,000 (+/-18,000)	44,000 (+/-1,000)
Atmospheric and space scientists	10,000 (+/-3,000)	69,000 (+/-10,000)	Chemical technicians	75,000 (+/-7,000)	43,000 (+/-2,000)
Materials engineers	31,000 (+/-5,000)	69,000 (+/-3,000)	Social scientists	45,000 (+/-6,000)	43,000 (+/-3,000)
Database administrators	100,000 (+/-8,000)	68,000 (+/-2,000)	Drafters	219,000 (+/-12,000)	41,000 (+/-2,000)
Computer programmers	529,000 (+/-19,000)	66,000 (+/-1,000)	Biological technicians	21,000 (+/-4,000)	39,000 (+/-4,000)
Industrial engineers	171,000 (+/-11,000)	66,000 (+/-2,000)	Surveying and mapping technicians	93,000 (+/-8,000)	36,000 (+/-1,000)
Mathematicians and statisticians	40,000 (+/-5,000)	66,000 (+/-3,000)	Agricultural and food science technicians	27,000 (+/-4,000)	33,000 (+/-2,000)
Operations research analysts	112,000 (+/-9,000)	66,000 (+/-3,000)	Life, physical, and social science technicians	174,000 (+/-11,000)	28,000 (+/-1,000)
Physical scientists, all other	140,000 (+/-10,000)	66,000 (+/-1,000)			
Medical scientists	101,000 (+/-8,000)	63,000 (+/-3,000)			
Architects	200,000 (+/-12,000)	61,000 (+/-2,000)			

Sources and Notes