

**Table D-7. Selected employment characteristics of U.S. scientists and engineers,
by highest degree attained, broad occupation, and sex: 1997**

Highest degree, occupation, and sex	Unemployment rate	Involuntarily out-of-field rate	Labor force participation rate
All degree levels¹			
All occupations, total²	1.8%	8.7%	86.1%
Male	1.6	7.7	88.3
Female	2.2	10.7	82.2
S&E occupations, total	1.5	4.6	87.8
Male	1.4	4.1	88.1
Female	2.2	6.2	86.9
Scientists, total	1.5	5.9	89.5
Male	1.2	5.5	91.0
Female	2.1	6.8	86.6
Computer/math scientists, total	1.4	8.2	93.3
Male	1.0	7.6	94.7
Female	2.3	9.8	89.7
Life/related scientists, total	2.2	2.5	85.0
Male	1.9	2.2	86.5
Female	2.8	2.9	82.5
Physical/related scientists, total	1.6	3.6	84.2
Male	1.3	3.1	85.5
Female	2.5	5.1	80.1
Social/related scientists, total	1.0	4.4	87.9
Male	0.7	3.4	88.8
Female	1.3	5.3	87.1
Engineers, total	1.6	2.6	85.3
Male	1.6	2.5	85.0
Female	2.5	3.4	88.3
Non-S&E occupations, total	1.9	10.6	85.4
Male	1.7	9.8	88.4
Female	2.2	11.9	81.0
Managers/administrators	1.4	6.8	88.3
Male	1.3	6.1	88.5
Female	1.6	8.6	87.6
Other non-S&E occupations	2.1	12.1	84.3
Male	1.9	11.6	88.4
Female	2.3	12.8	79.4

See explanatory information, if any, and SOURCE at end of table.

**Table D-7. Selected employment characteristics of U.S. scientists and engineers,
by highest degree attained, broad occupation, and sex: 1997**

Highest degree, occupation, and sex	Unemployment rate	Involuntarily out-of-field rate	Labor force participation rate
Bachelor's			
All occupations, total²	2.0%	11.1%	84.7%
Male	1.7	9.8	87.3
Female	2.4	13.6	80.3
S&E occupations, total	1.6	4.8	86.5
Male	1.3	4.2	86.9
Female	2.7	7.3	85.3
Scientists, total	1.6	7.4	89.6
Male	1.1	6.8	91.9
Female	2.8	8.5	84.9
Computer/math scientists, total	1.5	8.8	93.7
Male	1.1	8.1	95.6
Female	2.7	10.6	89.3
Life/related scientists, total	2.4	2.3	81.1
Male	1.2	2.1	83.2
Female	4.1	2.5	78.3
Physical/related scientists, total	1.8	4.3	82.1
Male	1.3	3.8	83.7
Female	3.0	5.8	78.0
Social/related scientists, total	1.1	8.4	83.6
Male	0.9	8.2	87.4
Female	1.2	8.6	81.0
Engineers, total	1.6	2.0	83.4
Male	1.5	2.0	83.1
Female	2.6	2.9	86.8
Non-S&E occupations, total	2.1	13.9	83.9
Male	2.0	13.1	87.5
Female	2.3	15.1	79.3
Managers/administrators	1.2	9.1	87.5
Male	1.0	7.9	87.7
Female	1.7	11.8	87.1
Other non-S&E occupations	2.4	15.7	82.7
Male	2.4	15.6	87.4
Female	2.4	15.8	77.6

See explanatory information, if any, and SOURCE at end of table.

**Table D-7. Selected employment characteristics of U.S. scientists and engineers,
by highest degree attained, broad occupation, and sex: 1997**

Highest degree, occupation, and sex	Unemployment rate	Involuntarily out-of-field rate	Labor force participation rate
Master's			
All occupations, total²	1.8%	6.4%	86.7%
Male	1.6	6.0	88.6
Female	2.1	7.2	83.6
S&E occupations, total	1.4	4.6	89.3
Male	1.3	4.3	89.9
Female	1.7	5.6	87.6
Scientists, total	1.2	5.1	89.3
Male	1.0	4.7	90.7
Female	1.6	5.9	87.0
Computer/math scientists, total	1.0	6.4	92.7
Male	0.9	5.7	93.6
Female	1.3	8.1	90.7
Life/related scientists, total	1.6	4.4	85.3
Male	1.7	4.3	87.6
Female	1.6	4.5	82.4
Physical/related scientists, total	1.4	3.6	84.2
Male	1.0	3.5	85.1
Female	2.4	3.7	81.5
Social/related scientists, total	1.3	3.7	87.1
Male	0.6	2.4	87.9
Female	1.8	4.7	86.6
Engineers, total	1.8	3.8	89.2
Male	1.8	3.8	89.0
Female	2.1	4.2	91.1
Non-S&E occupations, total	2.0	7.4	85.5
Male	1.8	7.1	87.8
Female	2.3	7.8	82.4
Managers/administrators	1.8	3.8	89.3
Male	1.8	3.8	89.9
Female	1.7	3.7	87.8
Other non-S&E occupations	2.2	9.7	83.2
Male	1.8	10.1	85.9
Female	2.5	9.2	80.7

See explanatory information, if any, and SOURCE at end of table.

**Table D-7. Selected employment characteristics of U.S. scientists and engineers,
by highest degree attained, broad occupation, and sex: 1997**

Highest degree, occupation, and sex	Unemployment rate	Involuntarily out-of-field rate	Labor force participation rate
Doctorate			
All occupations, total ²	1.4%	4.8%	89.4%
Male	1.3	4.8	89.3
Female	1.6	4.9	89.7
S&E occupations, total	1.4	3.5	90.1
Male	1.3	3.4	89.7
Female	1.4	4.0	91.3
Scientists, total	1.4	3.6	90.0
Male	1.4	3.5	89.6
Female	1.4	3.9	91.2
Computer/math scientists, total	1.6	10.2	92.4
Male	1.2	10.9	92.6
Female	3.7	6.8	91.7
Life/related scientists, total	2.1	1.7	89.0
Male	2.2	1.5	88.8
Female	1.8	2.3	89.4
Physical/related scientists, total	1.4	2.3	88.3
Male	1.5	1.9	88.3
Female	1.2	4.7	88.3
Social/related scientists, total	0.6	3.0	91.1
Male	0.6	2.3	89.9
Female	0.6	4.2	93.1
Engineers, total	1.2	3.2	90.2
Male	1.1	3.1	89.9
Female	3.0	5.3	93.7
Non-S&E occupations, total	1.4	7.3	88.1
Male	1.2	7.6	88.5
Female	1.8	6.5	87.1
Managers/administrators	1.1	4.2	89.8
Male	1.0	4.2	88.8
Female	1.7	4.1	94.6
Other non-S&E occupations	1.6	9.6	86.9
Male	1.5	10.6	88.2
Female	1.9	7.5	84.1

1 Includes professional degrees

2 Total excludes 18,700 individuals who reported never having worked. For unemployed individuals, occupation is for their previous reported job.

NOTES: The term "Scientists and Engineers" (S&Es) includes all persons who have ever received a bachelor's degree or higher in a science or engineering (S&E) field, plus persons holding a non-S&E bachelor's or higher degree who were employed in a S&E occupation during either the 1993, 1995 or 1997 SESTAT surveys. Figures are rounded to nearest hundred. Details may not add to total because of rounding.

KEY: S = Suppressed for reasons of confidentiality and/or data reliability

SOURCE: National Science Foundation/Science Resources Studies Division, 1997 SESTAT (Scientists and Engineers Statistical Data System)