

**Table D-7. Selected employment characteristics of U.S. scientists and engineers,
by highest degree attained, broad occupation, and sex: 1993**

Highest degree, occupation, and sex	Unemployment rate	Involuntarily out-of-field rate	Labor force participation rate
All degree levels¹			
All occupations, total²	3.1%	9.7%	87.3%
Male	3.0	8.3	89.7
Female	3.4	12.7	82.5
S&E occupations, total	2.6	5.5	89.6
Male	2.7	4.7	90.0
Female	2.1	8.0	88.2
Scientists, total	2.0	7.0	91.1
Male	2.0	6.2	92.7
Female	1.9	8.6	88.1
Computer/math scientists, total	1.9	9.8	94.8
Male	2.1	8.7	96.8
Female	1.5	12.3	90.8
Life/related scientists, total	1.8	3.0	86.6
Male	1.4	2.8	88.1
Female	2.5	3.5	83.7
Physical/related scientists, total	2.8	3.9	85.2
Male	2.6	3.1	86.7
Female	3.8	6.7	79.9
Social/related scientists, total	1.6	5.0	90.5
Male	1.9	4.1	91.3
Female	1.4	5.8	89.9
Engineers, total	3.4	3.4	87.6
Male	3.4	3.3	87.5
Female	3.6	4.6	88.5
Non-S&E occupations, total	3.4	11.8	86.2
Male	3.2	10.4	89.6
Female	3.8	14.3	80.8
Managers/administrators	2.3	7.9	88.9
Male	2.2	7.0	89.3
Female	2.7	10.8	87.6
Other non-S&E occupations	3.9	13.5	85.1
Male	3.8	12.3	89.7
Female	4.1	15.3	79.2

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: 1993**

Highest degree, occupation, and sex	Unemployment rate	Involuntarily out-of-field rate	Labor force participation rate
Bachelor's			
All occupations, total²	3.7%	12.6%	85.6%
Male	3.6	10.8	88.4
Female	4.1	16.3	80.3
S&E occupations, total	2.8	6.0	88.8
Male	2.9	5.1	89.1
Female	2.2	9.3	87.6
Scientists, total	1.8	8.5	91.3
Male	1.8	7.5	93.4
Female	1.8	10.3	87.6
Computer/math scientists, total	1.5	10.5	95.3
Male	1.6	9.2	97.4
Female	1.4	13.2	91.3
Life/related scientists, total	1.9	4.4	83.9
Male	1.7	4.6	85.8
Female	2.3	4.1	81.1
Physical/related scientists, total	2.5	3.9	82.1
Male	2.0	3.1	83.8
Female	3.8	6.1	77.6
Social/related scientists, total	3.1	5.4	89.1
Male	4.6	4.3	92.6
Female	2.0	6.1	86.8
Engineers, total	3.7	3.4	86.3
Male	3.7	3.2	86.2
Female	3.8	5.3	87.5
Non-S&E occupations, total	4.3	16.1	84.1
Male	4.0	14.7	88.0
Female	4.6	18.4	78.4
Managers/administrators	2.6	10.7	86.9
Male	2.4	9.3	87.3
Female	3.2	14.6	85.8
Other non-S&E occupations	5.0	18.5	82.9
Male	5.0	17.8	88.4
Female	5.0	19.4	76.7

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: 1993**

Highest degree, occupation, and sex	Unemployment rate	Involuntarily out-of-field rate	Labor force participation rate
Master's			
All occupations, total²	2.8%	6.9%	88.2%
Male	3.0	6.1	90.3
Female	2.5	8.4	84.6
S&E occupations, total	2.7	5.2	90.4
Male	2.9	4.7	91.3
Female	2.2	6.5	87.9
Scientists, total	2.7	6.5	90.4
Male	3.1	6.1	92.3
Female	2.0	7.1	87.4
Computer/math scientists, total	3.0	8.4	93.7
Male	3.6	7.8	95.6
Female	1.8	9.9	89.5
Life/related scientists, total	2.5	2.6	84.9
Male	1.6	2.6	87.6
Female	3.6	2.6	81.4
Physical/related scientists, total	3.8	4.3	86.3
Male	4.0	3.4	88.0
Female	3.3	7.6	81.2
Social/related scientists, total	1.5	6.0	89.4
Male	1.6	6.2	89.5
Female	1.4	5.9	89.3
Engineers, total	2.8	3.1	90.5
Male	2.8	3.2	90.4
Female	3.2	2.5	91.0
Non-S&E occupations, total	2.8	7.8	87.1
Male	3.0	7.0	89.6
Female	2.5	9.1	83.5
Managers/administrators	2.0	4.4	91.1
Male	2.0	4.0	91.7
Female	1.8	5.7	89.4
Other non-S&E occupations	3.4	10.2	84.6
Male	3.9	10.1	87.5
Female	2.8	10.4	81.6

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: 1993**

Highest degree, occupation, and sex	Unemployment rate	Involuntarily out-of-field rate	Labor force participation rate
Doctorate			
All occupations, total ²	1.7%	4.8%	91.5%
Male	1.8	4.3	91.7
Female	1.6	6.6	90.6
S&E occupations, total	1.6	3.8	91.5
Male	1.6	3.3	91.3
Female	1.8	5.6	92.2
Scientists, total	1.5	3.7	91.4
Male	1.5	3.0	91.2
Female	1.8	5.7	92.2
Computer/math scientists, total	1.5	9.0	94.4
Male	1.5	8.4	95.8
Female	1.4	11.7	88.3
Life/related scientists, total	1.4	1.7	89.3
Male	1.2	1.3	88.8
Female	2.1	3.0	90.8
Physical/related scientists, total	2.5	3.5	90.0
Male	2.2	3.0	90.0
Female	5.1	7.7	90.1
Social/related scientists, total	1.0	3.2	93.3
Male	1.0	1.8	92.6
Female	0.9	5.7	94.5
Engineers, total	2.0	4.1	91.8
Male	1.9	4.1	91.7
Female	3.0	4.0	92.1
Non-S&E occupations, total	1.9	6.5	91.5
Male	2.1	6.0	92.4
Female	1.2	8.2	88.1
Managers/administrators	1.4	3.9	94.0
Male	1.6	3.8	93.5
Female	0.8	4.8	96.2
Other non-S&E occupations	2.4	9.0	89.1
Male	2.8	8.6	91.2
Female	1.4	10.3	83.7

1 Includes professional degrees

2 Total excludes 37,000 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 are employed in an S&E occupation.

Figures are rounded to nearest hundred. Details may not add to total because of rounding.

SOURCE: National Science Foundation/Science Resources Studies Division, 1993 SESTAT (Scientists and Engineers Statistical Data System)