Table D-7. Selected employment characteristics of U.S. scientists and engineers, by highest degree attained, broad occupation, and sex: 1995

Highest degree, occupation, and sex	Unemployment rate	Involuntarily out-of-field rate	Labor force participation rate
All degree levels[1]			
All occupations, total[2]	2.4%	9.3%	86.4%
Male	2.3	8.2	88.6
Female	2.5	11.6	82.2
S&E occupations, total	2.2	4.7	87.8
Male	2.2	4.2	88.0
Female	2.0	6.3	87.1
Scientists, total	1.8	5.9	89.7
Male	1.8	5.4	91.2
Female	1.8	6.9	86.9
Computer/math scientists, total	1.7	8.3	93.2
Male	1.8	7.6	94.9
Female	1.5	10.0	89.2
Life/related scientists, total	2.0	2.8	85.4
Male	1.6	2.3	86.4
Female	2.7	3.7	83.6
Physical/related scientists, total	2.6	3.4	85.1
Male	2.6	3.0	86.5
Female	3.0	4.9	80.4
Social/related scientists, total	1.2	3.9	88.4
Male	1.2	3.2	88.7
Female	1.3	4.6	88.0
Engineers, total	2.6	3.0	85.3
Male	2.6	3.0	85.0
Female	3.0	2.6	88.6
Non-S&E occupations, total	2.5	11.4	85.8
Male	2.4	10.4	89.0
Female	2.7	13.0	80.9
Managers/administrators	1.6	7.0	88.9
Male	1.9	5.8	89.0
Female	0.9	10.3	88.6
Other non-S&E occupations	2.8	13.1	84.7
Male	2.6	12.6	89.0
Female	3.1	13.7	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: 1995

Highest degree, occupation, and sex	Unemployment rate	Involuntarily out-of-field rate	Labor force participation rate
Bachelor's			
All occupations, total[2]	2.7%	12.0%	84.8%
Male	2.6	10.6	87.4
Female	2.8	14.6	80.0
S&E occupations, total	2.1	4.8	86.4
Male	2.2	4.3	86.6
Female	1.9	6.8	85.7
Scientists, total	1.8	7.0	89.4
Male	1.9	6.6	91.6
Female	1.7	8.0	85.1
Computer/math scientists, total	1.7	8.6	93.3
Male	1.8	8.1	95.5
Female	1.2	9.8	88.7
Life/related scientists, total	2.0	3.6	82.2
Male	1.3	3.0	83.3
Female	2.9	4.4	80.5
Physical/related scientists, total	2.4	3.4	83.1
Male	2.6	2.9	85.1
Female	2.0	5.0	77.9
Social/related scientists, total	1.8	5.4	81.4
Male	1.0	5.1	82.6
Female	2.6	5.6	80.4
Engineers, total	2.5	2.6	83.6
Male	2.4	2.6	83.2
Female	2.5	2.6	88.1
Non-S&E occupations, total	3.0	15.2	84.0
Male	2.9	14.4	87.8
Female	3.0	16.4	78.8
Managers/administrators	1.7	9.6	87.3
Male	2.0	8.0	87.3
Female	1.1	13.9	87.5
Other non-S&E occupations	3.4	17.2	82.9
Male	3.4	17.4	88.0
Female	3.4	17.0	77.1

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: 1995

Highest degree, occupation, and sex	Unemployment rate	Involuntarily out-of-field rate	Labor force participation rate
Master's			
All occupations, total[2]	2.2%	6.6%	87.2%
Male	2.3	5.9	89.0
Female	2.1	7.8	84.1
S&E occupations, total	2.5	4.9	89.5
Male	2.6	4.5	90.1
Female	2.1	6.2	87.8
Scientists, total	2.1	5.7	89.8
Male	2.1	5.0	91.1
Female	2.0	6.8	87.6
Computer/math scientists, total	2.0	7.6	92.9
Male	2.0	6.4	94.1
Female	2.0	10.4	90.3
Life/related scientists, total	1.8	3.9	83.6
Male	1.5	3.5	85.8
Female	2.3	4.4	81.0
Physical/related scientists, total	3.6	4.0	85.7
Male	3.1	3.2	86.5
Female	5.1	6.5	83.1
Social/related scientists, total	1.6	3.6	89.1
Male	2.2	3.0	89.7
Female	1.2	S	88.6
Engineers, total	3.0	3.7	89.1
Male	3.0	3.9	89.1
Female	2.9	2.2	88.9
Non-S&E occupations, total	2.1	7.4	86.1
Male	2.1	6.8	88.3
Female	2.1	8.3	83.0
Managers/administrators	1.6	3.9	90.7
Male	1.9	3.2	91.2
Female	0.8	5.8	89.2
Other non-S&E occupations	2.3	9.7	83.4
Male	2.2	10.1	85.8
Female	2.6	9.2	81.0

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: 1995

Highest degree, occupation, and sex	Unemployment rate	Involuntarily out-of-field rate	Labor force participation rate
Doctorate			
All occupations, total[2]	2.0%	5.2%	90.4%
Male	1.8	4.7	90.4
Female	2.6	6.6	90.5
S&E occupations, total	1.7	3.5	90.6
Male	1.6	3.3	90.4
Female	2.1	4.2	91.3
Scientists, total	1.5	3.3	90.5
Male	1.4	3.0	90.2
Female	1.5	4.2	91.1
Computer/math scientists, total	1.5	8.1	92.3
Male	1.4	7.4	93.2
Female	1.8	11.4	88.6
Life/related scientists, total	1.9	1.5	89.7
Male	1.7	1.2	89.3
Female	2.5	2.3	90.8
Physical/related scientists, total	2.2	2.8	88.6
Male	2.1	2.9	88.6
Female	3.0	2.1	88.5
Social/related scientists, total	0.5	3.0	91.7
Male	0.5	2.2	91.1
Female	0.5	4.3	92.6
Engineers, total	3.0	4.5	91.3
Male	2.4	4.5	91.0
Female	11.4	4.1	94.6
Non-S&E occupations, total	2.4	7.7	90.2
Male	2.0	7.0	90.4
Female	3.2	9.6	89.6
Managers/administrators	1.1	3.6	91.7
Male	1.2	3.4	90.6
Female	0.6	4.5	96.2
Other non-S&E occupations	3.3	10.9	89.1
Male	2.8	10.3	90.2
Female	4.4	12.1	86.8

1 Includes professional degrees

2 Total excludes 49,100 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 or 1995 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, 1995 SESTAT (Scientists and Engineers Statistical Data System)