

Table B-5. Selected employment characteristics of U.S. scientists and engineers, by level and broad field of highest degree attained and sex: 1993

Level and field of highest degree, and sex	Unemployment rate	Involuntarily out-of-field rate	Labor force participation rate
All degree levels¹			
All degree fields, total	3.2%	9.7%	87.1%
Male	3.1	8.3	89.6
Female	3.4	12.7	82.0
S&E degree fields, total	3.7	11.0	85.3
Male	3.6	9.5	88.0
Female	4.0	14.3	79.8
Sciences, total	3.7	13.0	85.0
Male	3.5	11.9	89.3
Female	4.0	14.8	79.3
Computer/math sciences, total	3.2	6.5	90.6
Male	3.3	6.1	94.3
Female	3.0	7.4	83.8
Life/related sciences, total	2.7	12.5	83.4
Male	2.4	10.9	87.2
Female	3.3	14.9	78.1
Physical/related sciences, total	3.7	11.4	81.9
Male	3.5	11.7	84.2
Female	4.6	10.3	73.7
Social/related sciences, total	4.3	15.9	84.6
Male	4.2	14.9	89.9
Female	4.4	17.1	79.3
Engineering, total	3.7	5.3	85.9
Male	3.7	5.1	85.9
Female	3.9	7.2	86.9
Non-S&E degree fields, total	1.8	6.2	92.2
Male	1.7	5.1	94.0
Female	1.9	8.6	88.5
Bachelor's			
All degree fields, total	3.8%	12.6%	85.3%
Male	3.6	10.8	88.3
Female	4.1	16.3	79.8
S&E degree fields, total	4.1	12.6	84.3
Male	3.9	10.9	87.4
Female	4.5	16.1	78.4
Sciences, total	4.2	15.1	84.2
Male	3.9	13.9	89.2
Female	4.5	16.8	77.9
Computer/math sciences, total	3.4	7.6	90.3
Male	3.5	7.1	94.5
Female	3.3	8.5	83.5
Life/related sciences, total	3.0	14.8	82.5
Male	2.5	13.5	86.9
Female	3.7	16.8	76.8

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

Table B-5. Selected employment characteristics of U.S. scientists and engineers, by level and broad field of highest degree attained and sex: 1993

Level and field of highest degree, and sex	Unemployment rate	Involuntarily out-of-field rate	Labor force participation rate
Bachelor's — continued			
Physical/related sciences, total	4.1%	13.7%	79.3%
Male	3.8	14.5	82.3
Female	5.1	11.0	70.4
Social/related sciences, total	4.8	17.9	84.0
Male	4.7	16.7	90.3
Female	5.1	19.3	77.8
Engineering, total	4.0	5.7	84.4
Male	4.0	5.6	84.3
Female	3.9	7.3	85.9
Non-S&E degree fields, total	0.6	12.4	97.4
Male	0.6	9.7	98.0
Female	0.8	18.1	96.3
Master's			
All degree fields, total	2.8%	6.9%	88.0%
Male	3.0	6.1	90.1
Female	2.5	8.4	84.2
S&E degree fields, total	3.0	7.2	87.1
Male	3.1	6.3	89.1
Female	2.6	9.2	83.1
Sciences, total	2.8	8.6	85.9
Male	3.1	8.0	88.4
Female	2.4	9.4	82.6
Computer/math sciences, total	2.7	3.6	90.8
Male	2.9	3.7	93.8
Female	2.2	3.6	84.3
Life/related sciences, total	2.5	9.0	82.6
Male	2.6	7.1	85.7
Female	2.5	11.7	78.9
Physical/related sciences, total	3.9	9.1	83.2
Male	4.2	9.0	84.2
Female	2.6	9.6	79.8
Social/related sciences, total	2.8	10.7	85.4
Male	3.0	11.0	87.6
Female	2.5	10.4	83.5
Engineering, total	3.2	4.0	90.1
Male	3.2	3.7	90.1
Female	3.9	6.7	89.6
Non-S&E degree fields, total	2.7	6.6	89.0
Male	2.8	5.9	91.4
Female	2.4	7.7	85.2

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

Table B-5. Selected employment characteristics of U.S. scientists and engineers, by level and broad field of highest degree attained and sex: 1993

Level and field of highest degree, and sex	Unemployment rate	Involuntarily out-of-field rate	Labor force participation rate
Doctorate			
All degree fields, total	1.7%	4.8%	91.4%
Male	1.8	4.3	91.7
Female	1.6	6.6	90.4
S&E degree fields, total	1.8	4.9	91.4
Male	1.7	4.4	91.4
Female	2.0	6.8	91.3
Sciences, total	1.8	5.0	91.0
Male	1.8	4.4	91.0
Female	2.0	6.7	91.2
Computer/math sciences, total	1.1	4.1	95.5
Male	1.1	3.8	95.7
Female	1.1	6.1	93.6
Life/related sciences, total	1.8	3.6	89.6
Male	1.7	2.9	89.8
Female	2.0	5.5	89.1
Physical/related sciences, total	2.5	6.0	90.2
Male	2.3	5.9	90.4
Female	4.8	7.4	88.9
Social/related sciences, total	1.4	5.7	92.1
Male	1.4	4.8	91.5
Female	1.3	7.5	93.3
Engineering, total	1.6	4.6	93.4
Male	1.6	4.3	93.4
Female	2.0	9.6	93.7
Non-S&E degree fields, total	1.6	4.2	91.6
Male	2.0	3.7	93.2
Female	0.2	5.9	87.1

1 Includes professional degrees

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)