

**Table B-5. Selected employment characteristics of U.S. scientists and engineers, by level and broad field of highest degree attained and sex: 1997**

Level and field of highest degree, and sex	Unemployment rate	Involuntarily out-of-field rate	Labor force participation rate
<b>All degree levels<sup>1</sup></b>			
<b>All degree fields, total</b> .....	1.8%	8.7%	86.0%
Male .....	1.6	7.7	88.2
Female .....	2.2	10.7	81.9
<b>S&amp;E degree fields, total</b> .....	1.9	9.9	84.7
Male .....	1.7	8.7	87.1
Female .....	2.3	12.3	80.5
<b>Sciences, total</b> .....	2.0	11.7	84.7
Male .....	1.7	10.9	88.3
Female .....	2.3	12.8	80.1
<b>Computer/math sciences, total</b> .....	1.6	4.8	89.8
Male .....	1.2	4.6	92.5
Female .....	2.5	5.3	84.8
<b>Life/related sciences, total</b> .....	1.9	11.8	83.2
Male .....	1.5	11.2	86.1
Female .....	2.4	12.7	79.3
<b>Physical/related sciences, total</b> .....	2.0	11.5	81.7
Male .....	2.0	11.6	84.5
Female .....	1.9	11.3	72.6
<b>Social/related sciences, total</b> .....	2.1	14.0	84.4
Male .....	2.0	13.4	89.0
Female .....	2.2	14.6	80.2
<b>Engineering, total</b> .....	1.8	4.6	84.8
Male .....	1.7	4.4	84.7
Female .....	2.7	6.4	86.7
<b>Non-S&amp;E degree fields, total</b> .....	1.5	5.4	89.7
Male .....	1.2	4.9	91.6
Female .....	1.9	6.4	86.1
<b>Bachelor's</b>			
<b>All degree fields, total</b> .....	2.0%	11.1%	84.6%
Male .....	1.8	9.8	87.2
Female .....	2.4	13.6	80.1
<b>S&amp;E degree fields, total</b> .....	2.0	11.3	84.0
Male .....	1.8	9.9	86.6
Female .....	2.4	13.9	79.5
<b>Sciences, total</b> .....	2.0	13.4	84.3
Male .....	1.8	12.6	88.7
Female .....	2.4	14.4	79.1
<b>Computer/math sciences, total</b> .....	1.6	5.1	89.7
Male .....	1.1	5.0	92.9
Female .....	2.5	5.4	84.3
<b>Life/related sciences, total</b> .....	1.9	13.9	82.7
Male .....	1.5	13.8	86.0
Female .....	2.4	14.1	78.5

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: 1997**

Level and field of highest degree, and sex	Unemployment rate	Involuntarily out-of-field rate	Labor force participation rate
<b>Bachelor's — continued</b>			
<b>Physical/related sciences, total</b> .....	2.1%	14.2%	79.7%
Male .....	2.0	14.3	83.9
Female .....	2.1	13.7	68.4
<b>Social/related sciences, total</b> .....	2.2	15.6	84.1
Male .....	2.1	14.7	89.6
Female .....	2.4	16.5	79.2
<b>Engineering, total</b> .....	1.9	4.9	83.1
Male .....	1.8	4.7	82.9
Female .....	2.9	6.2	85.3
<b>Non-S&amp;E degree fields, total</b> .....	1.6	8.8	92.1
Male .....	1.2	8.0	94.1
Female .....	2.3	10.6	88.2
<b>Master's</b>			
<b>All degree fields, total</b> .....	1.8%	6.4%	86.6%
Male .....	1.6	6.0	88.5
Female .....	2.2	7.2	83.4
<b>S&amp;E degree fields, total</b> .....	1.7	6.6	85.8
Male .....	1.5	5.9	87.5
Female .....	2.1	7.9	82.5
<b>Sciences, total</b> .....	1.9	7.7	84.4
Male .....	1.7	7.5	86.4
Female .....	2.1	8.0	81.8
<b>Computer/math sciences, total</b> .....	2.0	4.0	89.5
Male .....	1.7	3.6	91.2
Female .....	2.6	4.8	85.7
<b>Life/related sciences, total</b> .....	2.0	7.9	81.1
Male .....	1.3	6.3	83.4
Female .....	3.0	10.2	78.3
<b>Physical/related sciences, total</b> .....	2.1	8.5	82.0
Male .....	2.4	9.2	82.1
Female .....	1.0	6.4	81.4
<b>Social/related sciences, total</b> .....	1.8	9.4	83.6
Male .....	1.6	10.4	85.9
Female .....	1.9	8.5	81.8
<b>Engineering, total</b> .....	1.4	3.9	89.4
Male .....	1.3	3.5	89.3
Female .....	2.1	7.3	90.4
<b>Non-S&amp;E degree fields, total</b> .....	1.9	6.3	87.4
Male .....	1.7	6.0	89.7
Female .....	2.2	6.6	84.2

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: 1997**

Level and field of highest degree, and sex	Unemployment rate	Involuntarily out-of-field rate	Labor force participation rate
<b>Doctorate</b>			
<b>All degree fields, total</b> .....	1.4%	4.8%	89.3%
Male .....	1.3	4.8	89.2
Female .....	1.6	4.9	89.6
<b>S&amp;E degree fields, total</b> .....	1.4	4.6	89.8
Male .....	1.4	4.5	89.7
Female .....	1.4	5.0	90.3
<b>Sciences, total</b> .....	1.4	4.7	89.5
Male .....	1.4	4.6	89.2
Female .....	1.3	5.0	90.2
<b>Computer/math sciences, total</b> .....	0.9	4.6	93.3
Male .....	0.8	4.8	93.3
Female .....	1.7	3.9	93.4
<b>Life/related sciences, total</b> .....	1.8	3.9	88.7
Male .....	1.8	3.6	88.8
Female .....	1.7	4.7	88.5
<b>Physical/related sciences, total</b> .....	1.6	5.8	88.2
Male .....	1.5	5.9	88.3
Female .....	2.0	5.6	87.1
<b>Social/related sciences, total</b> .....	0.9	4.6	90.4
Male .....	1.0	4.3	89.3
Female .....	0.8	5.2	92.2
<b>Engineering, total</b> .....	1.4	3.9	91.8
Male .....	1.3	3.9	91.9
Female .....	2.7	4.3	90.8
<b>Non-S&amp;E degree fields, total</b> .....	1.4	6.2	86.6
Male .....	1.0	6.8	86.5
Female .....	2.4	4.6	87.0

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 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.

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