

Employed individuals with S&E highest degrees whose jobs are closely or somewhat related to field of highest degree, by degree level and years since degree: 1999

(Percent)

Degree and field	Employed individuals	Years since degree							
		1-5	6-10	11-15	16-20	21-25	26-30	31-35	36 or more
All degree levels^a									
All S&E fields	76.8	77.5	80.1	81.1	77.7	73.0	73.0	74.2	70.1
Engineering	89.6	91.9	91.0	91.1	89.6	89.2	88.6	88.1	80.2
Aerospace	79.8	85.7	74.7	80.6	75.9	95.5	80.4	92.6	44.9
Chemical	86.7	85.8	91.2	88.9	83.7	91.1	87.6	89.7	71.7
Civil	92.0	92.0	93.0	93.8	89.6	88.9	94.0	94.4	92.8
Electrical	92.9	95.5	92.4	93.8	95.8	93.0	89.5	89.6	83.2
Industrial	83.9	89.9	86.7	88.6	80.6	77.5	85.6	71.9	69.9
Mechanical	89.5	91.8	91.0	90.9	90.4	89.9	89.1	85.6	80.6
Other	86.5	90.0	91.2	87.7	87.0	83.1	84.0	82.5	77.2
Life sciences	74.4	75.8	83.8	79.0	72.6	69.1	70.1	70.4	64.3
Agriculture	74.6	80.8	80.9	77.6	73.4	70.2	69.4	78.5	60.8
Biological sciences	74.4	74.5	84.9	79.2	73.3	69.1	70.6	69.4	63.4
Health/medical	73.3	79.6	77.3	80.8	64.6	66.4	66.8	46.3	99.1
Mathematics/computer sciences	87.7	92.2	89.4	90.8	91.4	88.0	77.2	71.8	68.4
Computer sciences	93.3	94.8	93.4	92.9	92.9	94.6	87.6	87.2	S
Mathematics	80.5	86.8	81.0	84.6	88.4	84.1	74.6	70.9	68.1
Physical sciences	77.8	83.0	84.4	77.4	75.1	75.7	72.7	83.7	67.2
Chemistry	79.8	87.2	90.2	80.8	79.6	75.5	71.7	85.1	61.7
Geosciences	72.1	79.0	76.0	69.2	71.1	71.2	66.8	82.7	59.9
Physics and astronomy	79.5	81.8	81.6	78.1	72.2	82.3	75.9	82.2	84.2
Other	79.4	68.7	85.4	87.4	80.0	78.0	83.5	78.1	59.5
Social sciences	65.9	66.8	68.0	68.2	66.6	63.1	63.7	62.6	63.0
Economics	71.9	78.6	72.4	70.8	72.7	65.7	65.8	71.1	76.4
Political science	55.5	56.6	57.6	54.5	56.0	54.1	53.6	50.5	58.0
Psychology	72.0	72.6	75.0	76.0	73.2	69.3	68.3	63.7	62.6
Sociology and anthropology	61.5	61.9	64.3	62.2	60.9	60.2	59.6	65.4	57.9
Other	62.7	62.9	63.1	70.5	56.9	56.9	71.7	61.0	47.9
Bachelor's									
All S&E fields	72.4	72.3	76.0	76.8	73.8	68.1	68.8	69.6	67.8
Engineering	88.6	91.0	89.9	90.0	88.6	88.6	89.3	86.1	80.5
Aerospace	76.8	77.8	68.9	77.0	75.8	95.7	90.5	88.7	39.8
Chemical	84.5	83.6	89.9	86.0	82.1	90.9	84.0	88.7	70.3
Civil	92.4	91.9	91.6	93.3	87.7	92.7	95.5	96.3	93.7
Electrical	92.3	95.0	91.4	92.6	95.5	91.9	92.1	86.8	83.8
Industrial	82.9	86.8	84.6	89.0	78.9	79.8	86.6	72.3	71.9
Mechanical	89.1	91.9	90.5	90.6	91.4	88.1	88.7	83.7	81.2
Other	82.8	88.5	92.3	84.9	84.0	74.7	79.3	74.8	77.8

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		1-5	6-10	11-15	16-20	21-25	26-30	31-35	36 or more
Life sciences	69.0	70.5	80.8	73.4	66.8	63.5	64.1	64.1	58.2
Agriculture	72.3	76.7	79.5	73.8	71.7	69.8	66.8	79.2	60.4
Biological sciences.....	68.2	68.7	81.8	73.0	66.5	62.0	64.0	61.1	54.0
Health/medical.....	67.8	77.2	72.6	76.3	52.7	61.5	59.6	S	S
Mathematics/computer sciences.....	86.1	90.2	87.4	90.0	91.3	84.4	75.0	70.8	66.0
Computer sciences	92.8	93.2	91.8	93.0	93.3	94.6	87.8	S	S
Mathematics.....	77.6	84.5	78.4	81.0	87.1	78.7	72.4	69.7	65.7
Physical sciences.....	72.2	79.0	80.5	71.2	69.4	71.8	64.3	78.4	61.0
Chemistry	74.5	83.0	90.3	76.3	73.7	69.1	62.3	81.6	56.5
Geosciences	65.7	73.8	64.4	64.2	65.7	65.5	60.7	73.3	54.5
Physics and astronomy	74.7	80.7	76.6	64.6	66.2	93.8	62.5	74.5	79.6
Other	74.5	61.1	77.6	85.2	73.6	75.1	84.7	S	58.6
Social sciences	60.2	61.7	63.7	58.8	59.5	57.3	58.5	58.1	60.3
Economics	68.9	76.2	71.1	66.5	69.5	61.4	61.9	64.4	74.8
Political science	52.1	51.0	55.9	51.2	53.4	50.0	49.0	50.0	57.3
Psychology.....	63.3	66.2	67.9	60.8	63.1	60.6	59.6	49.5	55.8
Sociology and anthropology	59.1	59.2	62.2	56.0	58.4	59.2	56.8	65.4	55.2
Other	57.3	58.3	57.5	63.2	45.3	49.4	70.7	59.4	48.6
Master's									
All S&E fields.....	87.6	91.2	90.7	91.1	86.1	84.3	81.6	83.2	76.0
Engineering.....	91.8	93.2	93.1	94.8	92.7	90.3	87.0	92.5	74.8
Aerospace.....	84.6	93.7	85.1	95.0	73.4	93.9	58.4	95.6	S
Chemical.....	93.8	92.7	98.2	100.0	90.8	92.1	100.0	88.5	70.3
Civil	90.4	91.8	96.5	95.1	95.4	75.4	88.4	89.4	85.4
Electrical.....	94.2	96.3	94.3	96.6	96.7	96.1	82.1	95.7	78.4
Industrial.....	86.5	93.9	91.2	86.4	89.2	72.1	88.7	S	S
Mechanical	90.8	91.5	93.0	91.6	83.0	97.1	91.9	93.1	73.7
Other	91.8	90.5	89.2	93.9	93.8	95.3	92.8	92.6	56.4
Life sciences	85.8	92.4	86.4	89.5	83.9	83.1	80.1	79.9	79.9
Agriculture	78.5	91.8	74.9	94.1	75.8	65.2	S	70.6	S
Biological sciences.....	86.8	94.3	88.3	87.9	84.5	86.2	79.2	83.8	84.0
Health/medical.....	91.4	86.1	91.6	93.2	92.9	100.0	S	S	S
Mathematics/computer sciences.....	91.5	96.0	94.4	93.1	91.2	96.8	80.6	70.8	74.6
Computer sciences	94.3	97.8	97.4	92.1	91.3	94.6	87.2	S	S
Mathematics.....	87.0	91.2	87.1	96.8	91.0	98.4	77.6	70.3	73.9
Physical sciences.....	83.9	90.5	92.4	79.7	79.6	76.8	80.4	89.4	80.8
Chemistry	84.9	95.0	87.1	76.8	84.0	81.7	82.8	93.5	69.4
Geosciences	81.1	87.6	93.1	73.3	85.2	76.0	68.1	S	S
Physics and astronomy	82.6	87.2	91.4	91.1	60.4	64.7	86.7	84.4	92.3
Other	94.3	91.7	100.0	91.0	100.0	100.0	S	S	S

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Degree and field	Employed individuals	Years since degree							
		1-5	6-10	11-15	16-20	21-25	26-30	31-35	36 or more
Social sciences	83.1	86.8	85.3	89.6	81.4	78.0	78.5	76.6	73.4
Economics	82.3	89.5	75.3	93.4	82.3	72.4	71.7	100.0	90.0
Political science	71.6	85.7	65.3	75.8	59.7	69.1	71.2	S	S
Psychology	88.7	90.8	93.8	93.0	86.0	85.0	82.4	91.0	85.6
Sociology and anthropology	74.9	82.2	75.0	87.0	66.1	56.1	88.1	61.6	S
Other	77.8	76.9	88.9	83.2	86.4	75.7	70.4	63.3	S
Doctoral									
All S&E fields	92.6	95.0	93.5	92.5	92.4	91.1	90.1	92.0	92.7
Engineering	92.6	94.4	93.0	91.4	94.8	91.5	87.4	95.6	92.6
Aerospace	94.6	95.9	95.5	91.0	100.0	100.0	87.6	100.0	78.4
Chemical	92.9	95.3	91.5	89.1	97.0	90.5	91.4	97.0	94.7
Civil	95.3	94.8	94.1	97.4	99.2	90.1	100.0	87.5	95.9
Electrical	94.3	95.9	94.1	96.4	96.1	95.2	86.0	97.9	92.1
Industrial	87.9	98.0	90.7	90.2	100.0	100.0	60.0	S	S
Mechanical	91.4	91.1	90.9	93.9	91.7	90.6	86.1	100.0	92.8
Other	90.8	93.6	92.9	85.3	92.7	88.7	85.3	93.0	93.0
Life sciences	92.9	95.6	95.3	90.8	91.3	90.9	92.1	92.8	92.0
Agriculture	91.1	94.4	95.9	87.2	91.8	87.9	89.7	93.1	78.4
Biological sciences	93.0	95.5	95.2	91.2	91.3	90.9	92.3	92.8	93.8
Health/medical	95.3	100.0	92.9	93.9	91.2	99.6	96.5	86.1	S
Mathematics/computer sciences	93.1	96.0	92.3	93.3	93.6	93.1	88.3	90.3	97.9
Computer sciences	97.7	98.5	96.4	97.0	98.4	100.0	S	S	S
Mathematics	91.1	93.8	88.6	91.0	91.6	92.3	88.1	90.3	97.9
Physical science	89.5	91.8	87.7	91.8	90.9	87.8	86.9	88.7	89.4
Chemistry	91.1	95.7	91.0	92.6	91.4	91.4	88.3	87.3	88.1
Geosciences	92.6	92.3	88.1	91.6	91.5	94.5	93.9	97.0	100.0
Physics and astronomy	85.6	86.5	81.4	90.1	90.4	79.3	83.0	88.7	87.8
Other	96.3	93.1	100.0	100.0	81.7	100.0	S	S	S
Social sciences	94.7	96.3	96.4	95.1	93.2	92.9	93.3	93.9	96.8
Economics	97.2	95.7	96.9	97.3	95.9	99.1	97.3	98.5	98.1
Political sciences	91.3	93.7	92.3	88.2	97.1	88.0	89.8	87.7	90.6
Psychology	96.1	98.0	97.9	96.7	94.7	94.0	93.7	95.7	97.1
Sociology and anthropology	91.2	92.2	94.5	91.4	89.2	88.8	91.7	85.3	100.0
Other	91.9	96.4	93.0	94.3	85.8	90.3	91.6	90.8	100.0

S suppressed for reasons of confidentiality and/or data reliability

*Includes professional degrees.

SOURCE: National Science Foundation, Division of Science Resources Statistics, Scientists and Engineers Statistical Data System (SESTAT), 1999.