

Employed individuals with S&E or S&E-related highest degrees whose jobs are closely or somewhat related to field of highest degree, by degree level and years since degree: 2003

(Percent)

Degree and field	Employed individuals	Years since highest degree							
		1-5	6-10	11-15	16-20	21-25	26-30	31-35	36+
All degree levels^a									
S&E fields.....	76.4	79.3	78.9	77.7	77.5	77.0	71.5	69.2	67.7
Science.....	72.5	76.3	75.0	74.4	73.7	72.6	67.1	64.0	62.8
Computer and mathematical sciences.....	86.9	88.5	89.1	89.5	87.7	90.4	78.9	78.0	65.5
Computer and information sciences.....	90.4	88.5	91.4	91.0	91.9	94.3	81.2	79.8	100.0
Mathematics and statistics.....	80.0	88.9	81.3	85.4	77.0	85.0	77.9	77.5	64.1
Biological, agricultural, and environmental life sciences.....	73.8	79.2	75.8	76.2	72.0	74.1	67.9	65.9	65.8
Agricultural and food sciences.....	75.5	81.2	72.5	67.4	78.6	77.0	75.3	73.9	68.9
Biological sciences.....	73.5	78.2	76.7	78.8	71.1	73.3	66.0	64.0	66.5
Environmental life sciences.....	72.7	83.9	72.5	70.7	67.0	73.8	67.1	64.0	43.0
Physical and related sciences.....	77.7	84.7	84.8	81.7	77.5	76.3	70.1	61.9	78.3
Chemistry, except biochemistry.....	79.8	86.2	86.7	82.4	84.4	80.1	75.3	63.7	70.3
Earth, atmospheric, and ocean sciences.....	74.2	87.2	85.3	81.2	73.7	66.7	60.2	50.4	82.3
Physics and astronomy.....	80.2	82.3	84.5	82.3	72.3	86.2	78.9	67.2	88.9
Other.....	67.1	70.1	75.9	72.6	51.0	68.4	45.0	47.1	84.7
Social and related sciences.....	65.4	68.8	66.7	65.5	64.6	66.2	63.4	60.5	55.7
Economics.....	69.3	74.0	64.2	69.3	60.2	76.3	77.4	69.1	61.2
Political and related sciences.....	53.7	55.3	51.1	52.4	63.7	53.9	54.5	52.9	37.9
Psychology.....	71.0	72.9	77.4	71.0	69.0	66.7	64.7	67.1	68.0
Sociology and anthropology.....	65.1	66.4	64.6	77.1	66.4	66.4	57.0	60.2	54.8
Other.....	60.8	72.1	60.0	52.4	56.8	65.3	65.9	46.6	53.0
Engineering.....	88.3	92.2	91.4	86.9	87.4	89.6	88.6	85.0	77.1
Aerospace, aeronautical, and astronautical.....	85.4	87.7	82.5	74.0	96.6	86.5	87.3	92.7	83.0
Chemical.....	86.2	85.4	90.4	81.9	78.6	91.8	94.8	82.7	79.1
Civil and architectural.....	91.7	94.9	93.4	91.8	90.0	88.1	93.6	96.0	83.6
Electrical and computer.....	89.8	93.3	94.2	87.5	88.1	91.5	84.9	85.0	84.5
Industrial.....	83.0	90.0	93.3	70.1	83.4	83.5	90.1	82.1	65.1
Mechanical.....	88.3	93.1	88.6	91.4	91.8	92.4	88.5	75.2	77.0
Other.....	84.6	91.0	88.0	86.6	80.3	85.7	84.3	90.9	62.9
S&E-related fields.....	90.4	94.5	91.4	90.3	89.5	91.2	86.2	85.1	86.6
Health.....	92.5	95.1	92.4	93.8	91.6	93.1	88.4	88.8	90.5
Science and mathematics teacher education.....	80.6	93.7	88.5	86.4	78.5	78.1	71.5	70.1	67.0
Technology and technical fields.....	84.8	90.1	88.9	76.7	85.0	87.7	86.9	84.2	72.7
Other.....	85.0	89.5	86.1	80.9	81.2	85.6	84.3	83.8	98.4
Bachelor's									
S&E fields.....	71.9	73.7	74.1	72.4	73.9	74.5	67.7	65.5	63.4
Science.....	67.1	70.3	69.2	67.7	68.6	69.0	62.4	59.6	57.4
Computer and mathematical sciences.....	84.6	85.3	86.3	87.1	85.7	91.7	77.5	75.9	63.8
Computer and information sciences.....	88.5	85.3	89.0	89.1	90.7	94.2	81.2	82.7	S
Mathematics and statistics.....	77.0	85.2	77.2	82.0	73.3	87.5	76.0	74.9	62.3

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(Percent)

Degree and field	Employed individuals	Years since highest degree							
		1-5	6-10	11-15	16-20	21-25	26-30	31-35	36+
Biological, agricultural, and environmental life sciences	68.4	74.4	71.1	68.2	65.9	70.6	63.4	59.5	58.3
Agricultural and food sciences	72.1	76.4	69.4	56.8	76.9	74.3	73.9	72.8	64.9
Biological sciences	67.0	73.0	71.0	71.7	63.1	67.3	60.2	55.3	57.1
Environmental life sciences.....	71.1	80.7	74.7	63.4	65.3	79.5	63.4	55.3	42.5
Physical and related sciences	72.0	79.8	81.3	74.0	71.2	72.8	62.8	52.5	74.7
Chemistry, except biochemistry.....	76.6	82.9	81.7	77.6	84.6	81.3	74.2	57.2	62.7
Earth, atmospheric, and ocean sciences.....	65.2	82.5	83.7	69.4	60.4	54.3	47.9	44.6	97.5
Physics and astronomy	72.3	73.8	82.7	73.9	60.2	87.9	68.3	40.1	87.6
Other	65.0	56.4	74.4	S	44.7	66.8	S	S	82.4
Social and related sciences.....	59.4	62.2	60.2	58.7	57.3	61.6	58.7	57.5	50.9
Economics	66.9	72.2	58.5	66.8	58.9	76.9	75.9	66.8	56.1
Political and related sciences	49.5	49.4	50.5	46.0	60.0	49.5	52.4	48.0	31.2
Psychology	61.3	63.2	67.1	58.0	54.2	57.9	57.2	64.1	63.8
Sociology and anthropology	62.7	63.5	62.6	75.8	61.7	65.0	54.6	58.6	51.5
Other	54.3	66.2	53.4	46.1	48.0	55.1	60.1	45.0	50.6
Engineering.....	86.9	90.6	90.3	84.9	87.0	89.2	88.5	84.1	74.5
Aerospace, aeronautical, and astronautical.....	83.9	80.4	78.4	74.4	95.9	85.1	100.0	90.3	79.6
Chemical.....	85.3	83.2	91.1	75.2	78.6	90.7	95.7	87.2	76.2
Civil and architectural	91.7	92.8	92.4	90.4	91.3	90.1	95.2	96.7	83.8
Electrical and computer	87.9	92.4	92.5	85.4	86.6	91.4	81.1	82.7	83.1
Industrial.....	78.9	85.7	91.8	63.3	82.5	81.3	88.1	79.1	61.7
Mechanical	88.1	92.8	88.6	92.5	92.4	91.7	88.6	75.6	75.1
Other	80.9	88.8	87.3	80.4	76.5	83.9	85.5	88.5	56.4
S&E-related fields	86.4	90.3	87.7	86.3	86.3	87.7	82.0	82.7	82.5
Health	88.6	91.6	88.4	90.8	88.6	89.4	83.0	85.1	83.9
Science and mathematics teacher education.....	77.0	84.1	84.7	82.6	69.7	74.8	72.2	73.5	75.8
Technology and technical fields.....	84.0	87.2	86.6	75.8	85.7	88.2	87.6	82.6	73.3
Other.....	81.9	76.4	85.2	76.2	80.4	82.0	80.9	88.6	97.5
Master's									
S&E fields.....	86.7	91.3	89.8	90.0	86.6	81.7	79.6	75.3	81.1
Science.....	84.7	90.0	88.2	88.9	85.8	78.4	76.7	71.0	75.9
Computer and mathematical sciences.....	92.4	94.8	95.4	94.5	95.4	86.2	81.2	82.5	66.2
Computer and information sciences.....	94.3	95.0	96.1	94.7	96.0	94.1	81.1	76.7	S
Mathematics and statistics	86.9	93.6	92.0	93.5	93.3	77.3	81.2	87.7	64.8
Biological, agricultural, and environmental life sciences	83.2	87.8	82.0	87.1	83.4	78.1	78.2	77.8	87.8
Agricultural and food sciences	87.2	94.2	70.9	91.2	89.9	96.3	75.7	S	S
Biological sciences	84.0	84.6	89.7	84.6	84.6	82.9	78.9	75.8	87.7
Environmental life sciences.....	75.2	95.4	64.3	95.2	68.2	S	77.9	S	S
Physical and related sciences	85.1	90.5	93.6	91.1	88.6	80.8	79.5	69.5	78.3
Chemistry, except biochemistry.....	81.2	92.7	98.1	88.0	76.4	66.1	61.9	65.2	91.7

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(Percent)

Degree and field	Employed individuals	Years since highest degree							
		1-5	6-10	11-15	16-20	21-25	26-30	31-35	36+
Earth, atmospheric, and ocean sciences.....	87.5	92.3	88.2	93.0	95.5	90.9	84.6	47.9	S
Physics and astronomy.....	88.6	88.1	90.1	90.1	87.6	79.8	89.9	90.3	92.1
Other.....	75.8	83.1	S	S	S	S	S	S	S
Social and related sciences.....	80.8	87.8	84.3	84.5	80.6	75.2	74.3	64.6	72.7
Economics.....	76.3	79.2	85.3	86.9	57.1	64.1	78.2	72.0	81.1
Political and related sciences.....	69.2	80.4	46.4	78.6	74.7	71.5	59.4	75.3	62.5
Psychology.....	85.5	92.1	96.0	87.8	83.9	76.6	74.2	64.5	69.2
Sociology and anthropology.....	78.2	81.1	73.4	87.3	89.8	71.7	70.0	72.4	S
Other.....	79.0	85.0	78.4	74.4	82.8	82.6	84.1	45.6	S
Engineering.....	91.7	94.7	94.1	92.8	88.4	90.8	88.6	86.1	89.8
Aerospace, aeronautical, and astronautical.....	88.8	96.4	95.2	69.4	100.0	100.0	62.8	100.0	100.0
Chemical.....	88.7	96.6	91.4	97.8	75.1	94.3	94.2	53.7	100.0
Civil and architectural.....	91.6	99.4	96.7	97.4	82.7	80.2	89.8	93.2	85.4
Electrical and computer.....	94.1	94.0	98.2	93.2	92.2	92.4	97.2	89.7	87.5
Industrial.....	95.5	95.0	96.3	100.0	86.2	100.0	95.8	100.0	100.0
Mechanical.....	88.5	93.2	88.3	85.7	88.6	95.6	86.8	69.7	97.2
Other.....	90.0	92.8	88.2	95.3	87.3	89.4	81.8	98.0	87.2
S&E-related fields.....	91.3	96.7	93.5	91.4	88.1	93.8	83.4	68.4	71.9
Health.....	93.0	96.5	94.1	92.5	89.5	96.0	86.3	66.2	100.0
Science and mathematics teacher education.....	84.3	96.8	91.4	89.7	87.5	81.4	68.8	61.6	38.1
Technology and technical fields.....	90.0	96.2	98.2	81.3	79.8	96.7	78.2	100.0	66.9
Other.....	91.7	98.9	88.2	93.8	84.1	94.5	93.0	72.8	100.0
Doctoral									
S&E fields.....	91.8	95.5	92.2	92.5	90.7	91.1	89.5	87.8	89.4
Science.....	91.9	95.6	92.3	93.1	90.6	91.1	89.6	86.8	90.1
Computer and mathematical sciences.....	93.1	97.9	90.1	94.7	93.2	94.7	90.3	83.8	89.4
Computer and information sciences.....	97.3	98.8	95.8	96.2	97.3	100.0	S	S	S
Mathematics and statistics.....	90.9	97.3	84.9	93.3	90.7	93.0	90.2	82.4	89.4
Biological, agricultural, and environmental life sciences.....	92.6	96.5	92.7	94.5	89.5	92.2	89.9	88.6	87.6
Agricultural and food sciences.....	88.8	97.8	89.4	91.3	75.7	93.0	92.8	87.3	81.3
Biological sciences.....	93.0	96.4	92.7	95.0	91.6	92.0	89.3	89.0	88.5
Environmental life sciences.....	93.7	95.5	100.0	91.5	93.9	93.3	92.5	80.0	S
Physical and related sciences.....	87.5	92.6	88.5	88.1	89.7	84.9	85.4	79.4	88.8
Chemistry, except biochemistry.....	88.2	92.4	91.1	88.7	88.4	84.8	87.2	81.9	87.4
Earth, atmospheric, and ocean sciences.....	90.5	96.9	88.1	86.0	91.7	85.0	90.6	97.7	90.6
Physics and astronomy.....	86.8	90.3	85.1	88.5	90.1	87.1	80.2	84.0	88.9
Other.....	71.1	100.0	93.2	84.6	100.0	55.2	S	S	S
Social and related sciences.....	94.1	95.7	95.7	94.8	91.8	93.2	91.9	94.0	95.0
Economics.....	95.4	92.8	96.6	95.2	96.0	97.2	93.0	97.1	100.0
Political and related sciences.....	90.5	91.8	92.3	90.6	85.4	93.0	87.4	91.1	87.2

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(Percent)

Degree and field	Employed individuals	Years since highest degree							
		1-5	6-10	11-15	16-20	21-25	26-30	31-35	36+
Psychology	95.3	96.8	97.5	97.3	91.2	94.5	93.2	95.6	96.7
Sociology and anthropology	92.0	97.2	93.0	89.9	90.2	85.5	95.3	89.8	88.4
Other	93.1	96.1	93.6	91.1	99.1	93.4	83.2	89.7	95.0
Engineering	91.7	94.8	91.8	90.3	91.7	91.4	89.2	92.2	86.4
Aerospace, aeronautical, and astronautical.....	92.4	97.5	96.1	81.0	92.4	100.0	82.7	92.7	87.5
Chemical.....	87.9	86.2	84.2	82.2	86.3	98.5	89.3	96.4	85.5
Civil and architectural	92.5	93.8	94.3	89.5	100.0	96.2	88.4	100.0	60.2
Electrical and computer	93.9	96.6	94.5	93.4	94.7	86.3	92.8	91.1	97.3
Industrial.....	96.0	98.1	96.2	100.0	98.5	S	S	83.4	S
Mechanical	92.4	96.2	89.9	93.5	92.4	86.8	91.7	95.9	86.9
Other	89.9	94.5	90.1	89.7	87.8	91.1	84.9	88.3	85.6
S&E-related fields	94.4	94.2	96.6	93.3	94.0	91.1	96.2	94.0	100.0
Health	93.1	92.3	96.3	92.1	95.1	86.4	94.2	92.3	100.0
Science and mathematics teacher education.....	99.0	100.0	100.0	S	S	S	S	S	S
Technology and technical fields.....	93.4	S	90.3	S	S	S	S	S	S
Other.....	98.4	S	S	S	S	S	S	S	S

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), preliminary estimates (2003), <http://sestat.nsf.gov>.

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