

Employed individuals with S&E or S&E-related highest degrees whose jobs are closely 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.....	46.5	52.0	50.9	46.7	49.0	45.7	38.1	36.7	35.4
Science.....	43.2	49.2	47.3	44.5	46.5	41.1	33.8	31.6	29.9
Computer and mathematical sciences.....	60.0	65.2	65.8	62.7	61.4	60.6	42.1	38.7	34.1
Computer and information sciences.....	67.9	65.7	70.8	67.4	69.1	70.3	61.8	52.8	S
Mathematics and statistics.....	44.1	63.0	48.6	49.8	41.4	47.2	33.5	35.1	32.3
Biological, agricultural, and environmental life sciences.....	48.4	56.2	50.4	52.2	45.5	47.6	40.8	39.8	38.3
Agricultural and food sciences.....	49.6	55.4	42.2	46.6	54.9	48.5	53.5	53.7	30.7
Biological sciences.....	48.7	58.0	52.6	52.6	45.0	47.1	36.7	36.9	41.4
Environmental life sciences.....	43.8	44.7	41.7	58.1	32.3	48.4	44.6	33.0	37.1
Physical and related sciences.....	47.8	59.5	54.1	52.2	48.3	43.0	39.7	31.8	45.9
Chemistry, except biochemistry.....	51.3	61.2	60.9	53.4	58.4	53.7	40.9	28.8	41.0
Earth, atmospheric, and ocean sciences.....	47.2	60.3	55.9	59.4	46.0	34.3	35.1	40.8	41.9
Physics and astronomy.....	44.0	58.7	43.2	44.8	31.4	39.6	46.7	30.8	60.4
Other.....	38.1	45.4	45.7	34.5	24.3	32.4	28.4	40.9	S
Social and related sciences.....	33.4	38.3	36.8	32.5	37.1	32.2	27.7	26.7	20.0
Economics.....	30.7	39.0	33.5	23.5	26.0	36.5	32.0	24.7	24.1
Political and related sciences.....	22.0	26.9	20.5	20.5	32.7	23.5	13.6	20.1	6.7
Psychology.....	42.8	45.2	45.9	45.8	47.4	38.4	36.2	34.2	29.2
Sociology and anthropology.....	29.9	32.3	35.5	32.2	35.4	22.3	23.4	26.8	22.5
Other.....	31.3	38.1	37.9	27.7	34.3	32.1	24.5	23.0	14.1
Engineering.....	56.9	63.6	62.2	52.7	55.5	59.0	54.5	52.2	46.1
Aerospace, aeronautical, and astronautical.....	56.9	63.0	57.8	38.8	55.8	63.6	65.8	48.9	71.5
Chemical.....	46.0	49.9	43.3	46.0	47.5	41.8	42.7	62.4	36.1
Civil and architectural.....	68.2	74.7	76.1	71.0	60.4	61.5	63.9	69.0	66.2
Electrical and computer.....	60.7	68.1	68.0	52.2	57.8	67.4	59.1	54.7	44.7
Industrial.....	43.4	56.3	38.5	31.0	48.9	48.9	54.2	20.0	28.3
Mechanical.....	52.1	56.2	51.2	56.7	59.7	55.4	45.6	40.5	41.4
Other.....	53.4	61.4	63.6	46.4	44.1	58.1	54.0	51.7	37.6
S&E-related fields.....	78.1	84.5	80.4	76.7	76.7	78.1	72.3	71.7	73.4
Health.....	83.2	86.4	83.7	82.6	81.7	83.3	80.0	80.5	83.1
Science and mathematics teacher education.....	64.8	84.6	79.9	72.9	63.3	62.8	49.8	51.7	35.8
Technology and technical fields.....	52.8	68.3	58.4	50.7	52.5	52.5	40.3	47.5	30.6
Other.....	65.5	67.1	68.9	61.6	66.4	62.3	59.3	66.2	84.2
Bachelor's									
S&E fields.....	40.2	43.8	43.9	39.7	44.6	40.7	32.7	31.7	30.4
Science.....	35.7	40.5	39.2	35.8	41.2	34.6	27.3	26.1	23.7
Computer and mathematical sciences.....	56.2	58.9	61.8	60.7	59.2	58.3	40.0	32.2	30.0
Computer and information sciences.....	65.6	59.8	67.7	67.1	68.5	69.2	65.4	41.7	S
Mathematics and statistics.....	38.0	54.5	42.3	44.2	36.1	40.5	29.7	30.8	28.0

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		1-5	6-10	11-15	16-20	21-25	26-30	31-35	36+
Biological, agricultural, and environmental life sciences	42.3	50.9	44.0	41.9	38.6	44.0	35.3	34.1	33.1
Agricultural and food sciences	46.1	54.8	34.3	34.9	49.9	46.9	53.2	52.1	25.4
Biological sciences	41.5	51.9	45.7	42.3	36.7	41.7	29.0	28.9	36.4
Environmental life sciences.....	40.9	40.3	41.8	49.0	31.4	49.2	40.5	25.0	37.2
Physical and related sciences	41.2	50.6	46.6	47.4	44.1	37.8	31.8	25.9	38.3
Chemistry, except biochemistry.....	47.0	52.4	52.9	50.3	60.6	55.1	37.2	21.4	35.2
Earth, atmospheric, and ocean sciences.....	38.2	49.5	51.6	54.6	36.2	27.3	20.7	39.1	34.2
Physics and astronomy	32.1	50.6	30.9	34.9	17.8	24.8	41.9	15.8	52.5
Other	35.2	37.0	42.2	S	S	27.9	S	S	S
Social and related sciences.....	24.8	28.5	27.6	22.6	29.1	23.4	20.4	22.0	14.5
Economics	27.0	34.6	31.2	20.2	23.8	34.6	25.9	20.4	17.0
Political and related sciences.....	17.7	21.5	16.7	14.4	30.0	19.3	11.4	16.9	S
Psychology	27.2	29.2	28.3	28.1	29.7	22.5	25.3	25.4	20.6
Sociology and anthropology	26.1	28.0	30.7	28.0	32.6	18.1	20.4	25.2	20.6
Other	25.3	32.1	35.5	20.8	32.3	21.8	13.7	19.8	S
Engineering.....	54.1	60.0	59.6	50.2	53.0	57.0	53.9	49.2	43.0
Aerospace, aeronautical, and astronautical.....	52.0	47.0	53.7	34.6	49.5	61.0	73.8	33.8	72.3
Chemical.....	44.4	46.3	43.3	45.4	46.7	39.1	44.0	64.5	28.6
Civil and architectural	66.6	73.8	75.7	70.4	58.9	58.7	60.9	67.0	66.2
Electrical and computer	56.7	64.8	63.9	48.0	53.4	67.7	55.2	50.8	41.0
Industrial.....	39.0	49.3	33.6	26.6	47.9	43.7	54.4	S	29.6
Mechanical	51.1	54.4	48.5	55.8	60.4	55.4	45.5	41.0	40.0
Other	49.2	57.3	63.7	43.5	36.8	52.4	61.4	45.5	30.7
S&E-related fields	69.9	77.4	73.7	69.1	68.5	70.2	64.0	63.8	60.0
Health	75.7	79.9	77.3	76.0	73.4	76.5	72.3	71.3	69.6
Science and mathematics teacher education.....	57.0	81.1	73.0	67.6	56.8	56.4	47.0	52.6	35.6
Technology and technical fields.....	51.4	64.2	57.4	46.5	54.1	54.2	39.3	48.4	28.8
Other.....	61.7	49.9	65.7	59.7	64.3	52.9	57.7	70.7	88.3
Master's									
S&E fields.....	60.9	69.3	66.6	61.4	59.1	58.3	49.5	45.6	48.6
Science.....	59.5	69.4	65.5	62.3	57.3	55.4	47.2	39.7	41.2
Computer and mathematical sciences.....	68.9	76.8	74.5	67.5	69.9	64.5	44.9	54.9	45.1
Computer and information sciences.....	73.5	77.6	77.3	69.1	72.2	72.4	54.7	63.0	S
Mathematics and statistics	56.1	71.9	61.6	61.7	61.1	55.7	38.7	47.7	42.7
Biological, agricultural, and environmental life sciences	57.3	64.4	56.5	67.0	55.3	52.1	54.6	46.6	38.1
Agricultural and food sciences	59.9	49.9	49.5	75.1	84.5	60.1	46.0	S	S
Biological sciences	58.3	69.3	64.5	60.5	53.3	53.4	56.1	44.2	31.4
Environmental life sciences.....	49.5	58.1	35.6	90.6	28.6	S	56.9	S	S
Physical and related sciences	57.1	75.2	70.8	56.1	51.1	52.3	54.9	32.9	50.4
Chemistry, except biochemistry.....	60.4	85.6	80.7	60.6	45.6	57.8	46.1	33.2	49.5
Earth, atmospheric, and ocean sciences.....	57.1	71.5	60.4	59.5	57.1	42.2	63.9	40.0	S

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		1-5	6-10	11-15	16-20	21-25	26-30	31-35	36+
Physics and astronomy	53.8	68.0	60.2	49.4	35.5	63.2	55.1	32.8	66.6
Other	47.4	70.9	S	S	S	S	S	S	S
Social and related sciences	55.4	65.7	61.3	58.4	52.1	53.5	44.2	34.0	37.4
Economics	38.5	55.4	34.3	32.4	24.4	35.8	38.9	30.6	52.7
Political and related sciences	35.9	46.7	32.3	44.2	37.8	39.9	17.1	S	S
Psychology	66.2	77.5	76.1	66.2	65.4	60.0	50.3	38.9	44.9
Sociology and anthropology	51.9	51.0	66.2	67.4	38.0	61.1	37.1	31.1	S
Other	45.6	49.1	38.3	52.1	33.9	48.3	56.5	S	S
Engineering	64.5	69.3	69.2	59.1	63.2	66.5	56.5	60.2	61.0
Aerospace, aeronautical, and astronautical	72.0	85.3	71.5	52.3	77.7	100.0	52.4	95.1	S
Chemical	48.3	61.0	36.4	51.9	49.9	42.7	40.4	47.5	90.1
Civil and architectural	73.2	77.0	79.3	73.0	64.9	70.1	71.2	75.2	68.8
Electrical and computer	70.3	72.0	78.3	63.0	70.4	68.1	71.9	64.4	56.1
Industrial	55.1	64.5	44.9	47.3	52.3	88.5	53.1	S	S
Mechanical	55.0	59.1	58.2	59.8	57.0	54.0	45.6	34.6	55.3
Other	59.7	65.2	64.8	46.5	55.7	78.5	44.8	66.1	65.9
S&E-related fields	78.1	84.7	84.0	74.1	76.2	77.2	68.0	51.3	57.4
Health	81.5	85.7	86.4	75.0	81.5	79.1	75.1	52.3	74.7
Science and mathematics teacher education	73.2	85.5	85.2	77.0	68.6	69.6	54.5	49.4	36.6
Technology and technical fields	60.5	78.2	60.5	73.7	40.4	42.3	52.9	S	46.2
Other	72.6	75.2	78.7	66.6	74.4	85.7	60.8	55.1	76.5
Doctoral									
S&E fields	68.6	75.9	70.3	69.0	67.8	65.0	63.6	60.2	66.4
Science	69.9	77.4	72.6	71.1	68.4	65.2	65.1	60.1	68.7
Computer and mathematical sciences	71.4	85.8	67.0	62.2	74.7	75.6	62.7	50.5	71.5
Computer and information sciences	71.6	84.5	68.9	54.3	77.0	85.8	S	S	S
Mathematics and statistics	71.3	86.6	65.2	69.5	73.4	72.3	62.4	53.3	71.5
Biological, agricultural, and environmental life sciences	71.1	76.4	74.1	75.1	67.4	65.2	66.3	62.7	69.7
Agricultural and food sciences	66.6	83.3	71.1	70.9	51.1	59.1	72.1	66.9	47.6
Biological sciences	71.5	76.0	74.0	75.7	70.0	65.6	65.1	62.1	72.6
Environmental life sciences	73.9	73.6	84.3	75.5	69.1	72.9	72.0	64.6	S
Physical and related sciences	58.8	69.0	63.5	57.6	60.8	51.9	51.0	46.4	64.8
Chemistry, except biochemistry	57.9	72.4	67.1	55.1	58.7	47.2	49.9	46.9	56.3
Earth, atmospheric, and ocean sciences	72.7	83.3	70.4	72.1	75.6	63.3	71.1	54.8	81.2
Physics and astronomy	55.8	63.1	55.5	54.1	56.6	55.8	43.7	50.8	67.0
Other	46.0	17.9	86.5	74.7	52.6	33.2	S	S	S
Social and related sciences	76.7	80.6	80.1	80.2	73.2	71.8	73.8	75.0	73.0
Economics	78.3	79.0	77.5	81.6	76.3	78.7	80.9	74.5	73.3
Political and related sciences	67.0	72.9	70.6	62.3	70.9	63.7	54.2	67.0	71.2
Psychology	80.5	83.8	86.0	86.5	73.9	77.0	76.3	79.2	72.8
Sociology and anthropology	72.9	84.4	72.0	74.6	67.4	57.3	78.0	68.4	75.1
Other	71.2	72.3	75.2	66.8	76.3	65.5	65.0	77.8	74.6

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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+
Engineering.....	62.6	69.3	61.7	60.1	64.5	63.5	55.8	60.4	56.0
Aerospace, aeronautical, and astronautical.....	69.6	79.3	69.1	61.0	79.0	S	51.2	51.0	81.4
Chemical.....	52.6	57.9	51.0	38.2	50.1	65.7	40.0	70.9	53.2
Civil and architectural.....	70.8	73.1	68.0	72.6	83.9	81.5	67.2	66.4	39.8
Electrical and computer.....	65.9	73.1	63.1	65.1	69.2	59.0	67.6	59.3	60.4
Industrial.....	67.6	70.0	68.8	70.2	59.2	S	S	61.5	S
Mechanical.....	61.5	68.0	60.8	62.3	55.0	66.5	50.5	66.0	50.4
Other.....	60.0	66.2	60.2	58.6	65.2	60.7	51.2	53.5	53.2
S&E-related fields.....	84.2	86.5	85.3	81.8	84.8	79.0	80.2	77.8	98.6
Health.....	81.0	83.6	83.6	78.6	83.9	67.7	74.6	77.7	98.6
Science and mathematics teacher education.....	97.0	95.6	100.0	S	S	S	S	S	S
Technology and technical fields.....	75.3	S	79.3	S	S	S	S	S	S
Other.....	94.8	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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