

Number and percentage distribution of full-time instructional faculty and staff in STEM²* fields at public 2-year colleges, by race/ethnicity and gender and for selected characteristics: 1999

Selected characteristics	Instructional faculty and staff (1,000s)		Race/ethnicity			
			Minority %		White %	
	Male	Female	Male	Female	Male	Female
Science						
Total	12.3	7.0	18.1	15.1	81.9	84.9
Years of experience on current job						
20 years or less	7.7	6.0	19.6	14.5	80.4	85.5
More than 20	4.6	†	15.6	†	84.4	†
Age						
Under 65	11.3	6.9	18.2	15.4	81.8	84.6
65 or older	†	†	†	†	†	†
Technology						
Total	2.3	2.3	12.4	11.8	87.6	88.2
Years of experience on current job						
20 years or less	2.0	2.1	14.2	11.5	85.8	88.5
More than 20	†	†	†	†	†	†
Age						
Under 65	2.3	2.3	12.4	10.8	87.6	89.2
65 or older	†	†	†	†	†	†
Engineering						
Total	2.0	†	27.3	†	72.7	†
Years of experience on current job						
20 years or less	†	†	†	†	†	†
More than 20	†	†	†	†	†	†
Age						
Under 65	2.0	†	27.3	†	72.7	†
65 or older	†	†	†	†	†	†
Mathematics						
Total	4.2	2.6	25.2	17.9	74.8	82.1
Years of experience on current job						
20 years or less	3.1	2.3	32.8	17.1	67.2	82.9
More than 20	†	†	†	†	†	†
Age						
Under 65	3.9	2.6	26.1	17.9	73.9	82.1
65 or older	†	†	†	†	†	†
Medicine						
Total	†	9.5	†	11.3	†	88.7
Years of experience on current job						
20 years or less	†	8.1	†	11.4	†	88.6
More than 20	†	1.4	†	10.4	†	89.6
Age						
Under 65	†	9.4	†	11.4	†	88.6
65 or older	†	†	†	†	†	†

Filters

2000 Carnegie code by control = Public associates

Employed full or part time at this institution = Full time

† Reporting standards not met; insufficient number of cases.

For the purposes of this table, "STEM²" classification includes teaching fields that are consistent with a less-strict definition of "STEMM," encompassing more fields typically found at two-year colleges.

Science fields include Agricultural, animal, food and plant sciences; Renewable natural resources; Other agriculture; Biochemistry; Biology; Botany; Genetics; Immunology; Microbiology; Physiology; Zoology; Biological sciences, other; Astronomy; Chemistry; Physics; Earth atmosphere and oceanographic; Physical sciences, other; Psychology; Social sciences, general; Anthropology; Archeology; Area and ethnic studies; Demography; Economics; Geography; History; International relations; Political science and government; Sociology; and Other social sciences.

Technology fields include Computer and information sciences; Other computer science; Engineering-related technologies; and Science technologies.

Engineering fields include Architecture and environmental design; Engineering, general; Civil engineering; Electrical and communication engineering; Mechanical engineering; Chemical engineering; and Other engineering.

Mathematics fields include Mathematics/Statistics.

Medicine fields include Dentistry; Medicine, including psychiatry; Nursing; Pharmacy; Public health; Veterinary medicine; and Other health sciences.

Source: U.S. Department of Education, National Center for Education Statistics, 1998–99 National Study of Postsecondary Faculty (NSOPF:99).

Number and percentage distribution of full-time instructional faculty and staff in STEM² fields at public 2-year colleges, by highest educational credential attained and gender and for selected characteristics: 1999

Selected characteristics	Instructional faculty and staff (1,000s)		Highest degree					
			Bachelor's or less %		Master's degree %		PhD or first professional %	
	Male	Female	Male	Female	Male	Female	Male	Female
Science								
Total	12.3	7.0	2.5	4.1	53.3	60.3	44.1	35.6
Years of experience on current job								
20 years or less	7.7	6.0	4.0	4.8	50.7	62.1	45.3	33.0
More than 20	4.6	†	0.0	†	57.8	†	42.2	†
Age								
Under 65	11.3	6.9	2.7	4.2	55.3	60.4	42.0	35.4
65 or older	†	†	†	†	†	†	†	†
Technology								
Total	2.3	2.3	19.9	49.7	71.2	42.1	8.9	8.3
Years of experience on current job								
20 years or less	2.0	2.1	20.6	49.4	69.2	42.9	10.2	7.7
More than 20	†	†	†	†	†	†	†	†
Age								
Under 65	2.3	2.3	19.9	50.2	71.2	42.6	8.9	7.2
65 or older	†	†	†	†	†	†	†	†
Engineering								
Total	2.0	†	40.0	†	56.9	†	3.1	†
Years of experience on current job								
20 years or less	†	†	†	†	†	†	†	†
More than 20	†	†	†	†	†	†	†	†
Age								
Under 65	2.0	†	40.0	†	56.9	†	3.1	†
65 or older	†	†	†	†	†	†	†	†
Mathematics								
Total	4.2	2.6	2.2	11.1	73.8	66.4	23.9	22.5
Years of experience on current job								
20 years or less	3.1	2.3	3.1	12.8	77.9	65.3	19.0	22.0
More than 20	†	†	†	†	†	†	†	†
Age								
Under 65	3.9	2.6	2.4	11.1	72.8	66.4	24.8	22.5
65 or older	†	†	†	†	†	†	†	†
Medicine								
Total	†	9.5	†	22.8	†	70.5	†	6.7
Years of experience on current job								
20 years or less	†	8.1	†	24.5	†	70.4	†	5.0
More than 20	†	1.4	†	12.8	†	70.7	†	16.5
Age								
Under 65	†	9.4	†	23.1	†	70.6	†	6.3
65 or older	†	†	†	†	†	†	†	†

Filters

2000 Carnegie code by control = Public associates

Employed full or part time at this institution = Full time

† Reporting standards not met; insufficient number of cases.

For the purposes of this table, "STEM²" classification includes teaching fields that are consistent with a less-strict definition of "STEM," encompassing more fields typically found at two-year colleges.

Science fields include Agricultural, animal, food and plant sciences; Renewable natural resources; Other agriculture; Biochemistry; Biology; Botany; Genetics; Immunology; Microbiology; Physiology; Zoology; Biological sciences, other; Astronomy; Chemistry; Physics; Earth atmosphere and oceanographic; Physical sciences, other; Psychology; Social sciences, general; Anthropology; Archeology; Area and ethnic studies; Demography; Economics; Geography; History; International relations; Political science and government; Sociology; and Other social sciences.

Technology fields include Computer and information sciences; Other computer science; Engineering-related technologies; and Science technologies.

Engineering fields include Architecture and environmental design; Engineering, general; Civil engineering; Electrical and communication engineering; Mechanical engineering; Chemical engineering; and Other engineering.

Mathematics fields include Mathematics/Statistics.

Medicine fields include Dentistry; Medicine, including psychiatry; Nursing; Pharmacy; Public health; Veterinary medicine; and Other health sciences.

Source: U.S. Department of Education, National Center for Education Statistics, 1998–99 National Study of Postsecondary Faculty (NSOPF:99).

Number and percentage distribution of full-time instructional faculty and staff in STEM² fields at public 2-year colleges, by whether the current PSE job is the first, and only current, PSE job and by gender, for selected characteristics: 1999

Selected characteristics	Instructional faculty and staff (1,000s)		Is current PSE job the first, and only current, PSE job?			
	Male	Female	No %		Yes %	
			Male	Female	Male	Female
Science						
Total	10.1	5.9	81.1	77.0	18.9	23.0
Years of experience on current job						
20 years or less	6.4	5.0	87.3	79.3	12.7	20.7
More than 20	3.7	†	70.2	†	29.8	†
Age						
Under 65	9.3	5.8	80.0	77.1	20.0	22.9
65 or older	†	†	†	†	†	†
Technology						
Total	1.6	1.6	78.4	56.7	21.6	43.3
Years of experience on current job						
20 years or less	†	1.4	†	60.0	†	40.0
More than 20	†	†	†	†	†	†
Age						
Under 65	1.6	1.5	78.4	56.0	21.6	44.0
65 or older	†	†	†	†	†	†
Engineering						
Total	†	†	†	†	†	†
Years of experience on current job						
20 years or less	†	†	†	†	†	†
More than 20	†	†	†	†	†	†
Age						
Under 65	†	†	†	†	†	†
65 or older	†	†	†	†	†	†
Mathematics						
Total	3.0	2.2	86.0	78.8	14.0	21.2
Years of experience on current job						
20 years or less	2.0	2.0	85.5	80.3	14.5	19.7
More than 20	†	†	†	†	†	†
Age						
Under 65	2.8	2.2	88.2	78.8	11.8	21.2
65 or older	†	†	†	†	†	†
Medicine						
Total	†	6.7	†	83.3	†	16.7
Years of experience on current job						
20 years or less	†	5.8	†	82.4	†	17.6
More than 20	†	†	†	†	†	†
Age						
Under 65	†	6.7	†	83.2	†	16.8
65 or older	†	†	†	†	†	†

Filters

2000 Carnegie code by control = Public associates

Employed full or part time at this institution = Full time

† Reporting standards not met; insufficient number of cases.

For the purposes of this table, "STEM²" classification includes teaching fields that are consistent with a less-strict definition of "STEMM," encompassing more fields typically found at two-year colleges.

Science fields include Agricultural, animal, food and plant sciences; Renewable natural resources; Other agriculture; Biochemistry; Biology; Botany; Genetics; Immunology; Microbiology; Physiology; Zoology; Biological sciences, other; Astronomy; Chemistry; Physics; Earth atmosphere and oceanographic; Physical sciences, other; Psychology; Social sciences, general; Anthropology; Archeology; Area and ethnic studies; Demography; Economics; Geography; History; International relations; Political science and government; Sociology; and Other social sciences.

Technology fields include Computer and information sciences; Other computer science; Engineering-related technologies; and Science technologies.

Engineering fields include Architecture and environmental design; Engineering, general; Civil engineering; Electrical and communication engineering; Mechanical engineering; Chemical engineering; and Other engineering.

Mathematics fields include Mathematics/Statistics.

Medicine fields include Dentistry; Medicine, including psychiatry; Nursing; Pharmacy; Public health; Veterinary medicine; and Other health sciences.

Source: U.S. Department of Education, National Center for Education Statistics, 1998–99 National Study of Postsecondary Faculty (NSOPF:99).

Number and percentage distribution of full-time instructional faculty and staff in STEM2* fields at public 2-year colleges who have held a previous faculty or instructional staff position, by whether the respondent was employed full time or part time at his/her most recent such position, by gender and for selected characteristics: 1999

Selected characteristics	Instructional faculty and staff (1,000s)		Employment status at most recent higher education job			
	Male	Female	Full time %		Part time %	
			Male	Female	Male	Female
Science						
Total	7.0	3.4	72.7	73.1	27.3	26.9
Years of experience on current job						
20 years or less	4.9	3.0	67.7	72.3	32.3	27.7
More than 20	2.1	‡	84.4	‡	15.6	‡
Age						
Under 65	6.4	3.4	71.6	73.8	28.4	26.2
65 or older	‡	‡	‡	‡	‡	‡
Technology						
Total	‡	‡	‡	‡	‡	‡
Years of experience on current job						
20 years or less	‡	‡	‡	‡	‡	‡
More than 20	‡	‡	‡	‡	‡	‡
Age						
Under 65	‡	‡	‡	‡	‡	‡
65 or older	‡	‡	‡	‡	‡	‡
Engineering						
Total	‡	‡	‡	‡	‡	‡
Years of experience on current job						
20 years or less	‡	‡	‡	‡	‡	‡
More than 20	‡	‡	‡	‡	‡	‡
Age						
Under 65	‡	‡	‡	‡	‡	‡
65 or older	‡	‡	‡	‡	‡	‡
Mathematics						
Total	2.0	‡	75.8	‡	24.2	‡
Years of experience on current job						
20 years or less	‡	‡	‡	‡	‡	‡
More than 20	‡	‡	‡	‡	‡	‡
Age						
Under 65	1.8	‡	76.6	‡	23.4	‡
65 or older	‡	‡	‡	‡	‡	‡
Medicine						
Total	‡	4.3	‡	81.7	‡	18.3
Years of experience on current job						
20 years or less	‡	3.7	‡	80.4	‡	19.6
More than 20	‡	‡	‡	‡	‡	‡
Age						
Under 65	‡	4.3	‡	81.5	‡	18.5
65 or older	‡	‡	‡	‡	‡	‡

Filters

2000 Carnegie code by control = Public associates

Employed full or part time at this institution = Full time

‡ Reporting standards not met; insufficient number of cases.

For the purposes of this table, "STEM2" classification includes teaching fields that are consistent with a less-strict definition of "STEM," encompassing more fields typically found at two-year colleges.

Science fields include Agricultural, animal, food and plant sciences; Renewable natural resources; Other agriculture; Biochemistry; Biology; Botany; Genetics; Immunology; Microbiology; Physiology; Zoology; Biological sciences, other; Astronomy; Chemistry; Physics; Earth atmosphere and oceanographic; Physical sciences, other; Psychology; Social sciences, general; Anthropology; Archeology; Area and ethnic studies; Demography; Economics; Geography; History; International relations; Political science and government; Sociology; and Other social sciences.

Technology fields include Computer and information sciences; Other computer science; Engineering-related technologies; and Science technologies.

Engineering fields include Architecture and environmental design; Engineering, general; Civil engineering; Electrical and communication engineering; Mechanical engineering; Chemical engineering; and Other engineering.

Mathematics fields include Mathematics/Statistics.

Medicine fields include Dentistry; Medicine, including podiatry; Nursing; Pharmacy; Public health; Veterinary medicine; and Other health sciences.

Source: U.S. Department of Education, National Center for Education Statistics, 1998-99 National Study of Postsecondary Faculty (NSOPF:99).

Number and percentage distribution of full-time instructional faculty and staff in STEMM^{2*} fields at public 2-year colleges, by whether they had employment outside of their colleges, by gender and for selected characteristics: 1999

Selected characteristics	Instructional faculty and staff (1,000s)		Full-time instructional faculty and staff: Only employed at this institution in Fall 1998?			
	Male	Female	Yes %		No %	
			Male	Female	Male	Female
Science						
Total	12.3	7.0	67.2	74.1	32.8	25.9
Years of experience on current job						
20 years or less	7.7	6.0	61.0	74.1	39.0	25.9
More than 20	4.6	‡	77.8	‡	22.2	‡
Age						
Under 65	11.3	6.9	66.4	74.1	33.6	25.9
65 or older	‡	‡	‡	‡	‡	‡
Technology						
Total	2.3	2.3	75.9	74.5	24.1	25.5
Years of experience on current job						
20 years or less	2.0	2.1	78.7	73.8	21.3	26.2
More than 20	‡	‡	‡	‡	‡	‡
Age						
Under 65	2.3	2.3	75.9	75.4	24.1	24.6
65 or older	‡	‡	‡	‡	‡	‡
Engineering						
Total	2.0	‡	60.4	‡	39.6	‡
Years of experience on current job						
20 years or less	‡	‡	‡	‡	‡	‡
More than 20	‡	‡	‡	‡	‡	‡
Age						
Under 65	2.0	‡	60.4	‡	39.6	‡
65 or older	‡	‡	‡	‡	‡	‡
Mathematics						
Total	4.2	2.6	68.5	72.2	31.5	27.8
Years of experience on current job						
20 years or less	3.1	2.3	65.7	70.1	34.3	29.9
More than 20	‡	‡	‡	‡	‡	‡
Age						
Under 65	3.9	2.6	67.0	72.2	33.0	27.8
65 or older	‡	‡	‡	‡	‡	‡
Medicine						
Total	‡	9.5	‡	51.9	‡	48.1
Years of experience on current job						
20 years or less	‡	8.1	‡	48.9	‡	51.1
More than 20	‡	1.4	‡	69.2	‡	30.8
Age						
Under 65	‡	9.4	‡	51.2	‡	48.8
65 or older	‡	‡	‡	‡	‡	‡

Filters

2000 Carnegie code by control = Public associates

Employed full or part time at this institution = Full time

‡ Reporting standards not met; insufficient number of cases.

For the purposes of this table, "STEMM²" classification includes teaching fields that are consistent with a less-strict definition of "STEMM," encompassing more fields typically found at two-year colleges. **Science** fields include Agricultural, animal, food and plant sciences; Renewable natural resources; Other agriculture; Biochemistry; Biology; Botany; Genetics; Immunology; Microbiology; Physiology; Zoology; Biological sciences, other; Astronomy; Chemistry; Physics; Earth atmosphere and oceanographic; Physical sciences, other; Psychology; Social sciences, general; Anthropology; Archeology; Area and ethnic studies; Demography; Economics; Geography; History; International relations; Political science and government; Sociology; and Other social sciences.

Technology fields include Computer and information sciences; Other computer science; Engineering-related technologies; and Science technologies.

Engineering fields include Architecture and environmental design; Engineering, general; Civil engineering; Electrical and communication engineering; Mechanical engineering; Chemical engineering; and Other engineering.

Mathematics fields include Mathematics/Statistics.

Medicine fields include Dentistry; Medicine, including psychiatry; Nursing; Pharmacy; Public health; Veterinary medicine; and Other health sciences.

Source: U.S. Department of Education, National Center for Education Statistics, 1998–99 National Study of Postsecondary Faculty (NSOPF:99).

Number and percentage distribution of full-time instructional faculty and staff in STEMM* fields at public 2-year colleges, by the employment sector of the previous job held, by gender and for selected characteristics: 1999

Selected characteristics	Instructional faculty and staff (1,000s)		Other jobs, sector of previous job									
			4- or 2-year postsecondary institution %		Other educational institution %		Hospital, foundation, or government %		For-profit business/industry %		Other %	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Science												
Total	8.2	4.8	97.4	98.6	1.4	0.4	0.6	1.0	0.6	0.0	0.0	0.0
Years of experience on current job												
20 years or less	5.1	3.9	96.8	98.3	1.4	0.5	0.9	1.2	1.0	0.0	0.0	0.0
More than 20	3.1	†	98.5	†	1.5	†	0.0	†	0.0	†	0.0	†
Age												
Under 65	7.8	4.7	97.3	98.6	1.5	0.4	0.6	1.0	0.6	0.0	0.0	0.0
65 or older	†	†	†	†	†	†	†	†	†	†	†	†
Technology												
Total	1.7	2.1	100.0	94.6	0.0	5.4	0.0	0.0	0.0	0.0	0.0	0.0
Years of experience on current job												
20 years or less	†	1.9	†	95.8	†	4.2	†	0.0	†	0.0	†	0.0
More than 20	†	†	†	†	†	†	†	†	†	†	†	†
Age												
Under 65	1.7	2.0	100.0	94.5	0.0	5.5	0.0	0.0	0.0	0.0	0.0	0.0
65 or older	†	†	†	†	†	†	†	†	†	†	†	†
Engineering												
Total	1.7	†	96.1	†	3.9	†	0.0	†	0.0	†	0.0	†
Years of experience on current job												
20 years or less	†	†	†	†	†	†	†	†	†	†	†	†
More than 20	†	†	†	†	†	†	†	†	†	†	†	†
Age												
Under 65	1.7	†	96.1	†	3.9	†	0.0	†	0.0	†	0.0	†
65 or older	†	†	†	†	†	†	†	†	†	†	†	†
Mathematics												
Total	3.0	1.4	100.0	97.7	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0
Years of experience on current job												
20 years or less	2.3	†	100.0	†	0.0	†	0.0	†	0.0	†	0.0	†
More than 20	†	†	†	†	†	†	†	†	†	†	†	†
Age												
Under 65	2.8	1.4	100.0	97.7	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0
65 or older	†	†	†	†	†	†	†	†	†	†	†	†
Medicine												
Total	†	7.0	†	92.0	†	6.8	†	1.2	†	0.0	†	0.0
Years of experience on current job												
20 years or less	†	5.9	†	91.1	†	7.5	†	1.4	†	0.0	†	0.0
More than 20	†	†	†	†	†	†	†	†	†	†	†	†
Age												
Under 65	†	6.9	†	91.9	†	6.9	†	1.2	†	0.0	†	0.0
65 or older	†	†	†	†	†	†	†	†	†	†	†	†

Filters
 2000 Carnegie code by control = Public associates
 Employed full or part time at this institution = Full time
 † Reporting standards not met; insufficient number of cases.

For the purposes of this table, "STEMM*" classification includes teaching fields that are consistent with a less-strict definition of "STEMM," encompassing more fields typically found at two-year colleges.
Science fields include Agricultural, animal, food and plant sciences; Renewable natural resources; Other agriculture; Biochemistry; Biology; Botany; Genetics; Immunology; Microbiology; Physiology; Zoology; Biological sciences, other; Astronomy; Chemistry; Physics; Earth atmosphere and oceanographic; Physical sciences, other; Psychology; Social sciences, general; Anthropology; Archeology; Area and ethnic studies; Demography; Economics; Geography; History; International relations; Political science and government; Sociology; and Other social sciences.
Technology fields include Computer and information sciences; Other computer science; Engineering-related technologies; and Science technologies.
Engineering fields include Architecture and environmental design; Engineering, general; Civil engineering; Electrical and communication engineering; Mechanical engineering; Chemical engineering; and Other engineering.
Mathematics fields include Mathematics/Statistics.
Medicine fields include Dentistry; Medicine, including psychiatry; Nursing; Pharmacy; Public health; Veterinary medicine; and Other health sciences.

Source: U.S. Department of Education, National Center for Education Statistics, 1998-99 National Study of Postsecondary Faculty (NSOPF:99).

Number and percentage distribution of full-time instructional faculty and staff in STEM^{2*} fields at public 2-year colleges who had employment outside their colleges, by the employment status of the other current job, by gender and for selected characteristics: 1999

Selected characteristics	Instructional faculty and staff (1,000s)		Employment status of other current job			
	Male	Female	Full-time %		Part-time %	
			Male	Female	Male	Female
Science						
Total	8.2	4.8	92.3	93.5	7.7	6.5
Years of experience on current job						
20 years or less	5.1	3.9	90.3	92.1	9.7	7.9
More than 20	3.1	†	95.5	†	4.5	†
Age						
Under 65	7.8	4.7	93.0	93.4	7.0	6.6
65 or older	†	†	†	†	†	†
Technology						
Total	1.7	2.1	100.0	95.3	0.0	4.7
Years of experience on current job						
20 years or less	†	1.9	†	94.9	†	5.1
More than 20	†	†	†	†	†	†
Age						
Under 65	1.7	2.0	100.0	95.3	0.0	4.7
65 or older	†	†	†	†	†	†
Engineering						
Total	1.7	†	97.2	†	2.8	†
Years of experience on current job						
20 years or less	†	†	†	†	†	†
More than 20	†	†	†	†	†	†
Age						
Under 65	1.7	†	97.2	†	2.8	†
65 or older	†	†	†	†	†	†
Mathematics						
Total	3.0	1.4	89.6	91.9	10.4	8.1
Years of experience on current job						
20 years or less	2.3	†	86.4	†	13.6	†
More than 20	†	†	†	†	†	†
Age						
Under 65	2.8	1.4	88.6	91.9	11.4	8.1
65 or older	†	†	†	†	†	†
Medicine						
Total	†	7.0	†	95.0	†	5.0
Years of experience on current job						
20 years or less	†	5.9	†	95.5	†	4.5
More than 20	†	†	†	†	†	†
Age						
Under 65	†	6.9	†	94.9	†	5.1
65 or older	†	†	†	†	†	†

Filters

2000 Carnegie code by control = Public associates

Employed full or part time at this institution = Full time

† Reporting standards not met; insufficient number of cases.

For the purposes of this table, "STEM²" classification includes teaching fields that are consistent with a less-strict definition of "STEM," encompassing more fields typically found at two-year colleges.

Science fields include Agricultural, animal, food and plant sciences; Renewable natural resources; Other agriculture; Biochemistry; Biology; Botany; Genetics; Immunology; Microbiology; Physiology; Zoology; Biological sciences, other; Astronomy; Chemistry; Physics; Earth atmosphere and oceanographic; Physical sciences, other; Psychology; Social sciences, general; Anthropology; Archeology; Area and ethnic studies; Demography; Economics; Geography; History; International relations; Political science and government; Sociology; and Other social sciences.

Technology fields include Computer and information sciences; Other computer science; Engineering-related technologies; and Science technologies.

Engineering fields include Architecture and environmental design; Engineering, general; Civil engineering; Electrical and communication engineering; Mechanical engineering; Chemical engineering; and Other engineering.

Mathematics fields include Mathematics/Statistics.

Medicine fields include Dentistry; Medicine, including psychiatry; Nursing; Pharmacy; Public health; Veterinary medicine; and Other health sciences.

Source: U.S. Department of Education, National Center for Education Statistics, 1998–99 National Study of Postsecondary Faculty (NSOPF:99).

Average number of hours worked per week by full-time instructional faculty and staff in STEM²* fields at public 2-year colleges, by gender and selected characteristics: 1999

Selected characteristics	Instructional faculty and staff (1,000s)		Average total hours per week worked (Avg>0)	
	Male	Female	Male	Female
Science				
Total	12.3	7.0	49.1	47.8
Years of experience on current job				
20 years or less	7.7	6.0	50.0	48.0
More than 20	4.6	‡	47.5	‡
Age				
Under 65	11.3	6.9	48.9	47.7
65 or older	‡	‡	‡	‡
Technology				
Total	2.3	2.3	52.8	53.2
Years of experience on current job				
20 years or less	2.0	2.1	54.3	53.0
More than 20	‡	‡	‡	‡
Age				
Under 65	2.3	2.3	52.8	53.2
65 or older	‡	‡	‡	‡
Engineering				
Total	2.0	‡	51.6	‡
Years of experience on current job				
20 years or less	‡	‡	‡	‡
More than 20	‡	‡	‡	‡
Age				
Under 65	2.0	‡	51.6	‡
65 or older	‡	‡	‡	‡
Mathematics				
Total	4.2	2.6	43.8	45.4
Years of experience on current job				
20 years or less	3.1	2.3	44.3	43.5
More than 20	‡	‡	‡	‡
Age				
Under 65	3.9	2.6	44.5	45.4
65 or older	‡	‡	‡	‡
Medicine				
Total	‡	9.5	‡	48.6
Years of experience on current job				
20 years or less	‡	8.1	‡	49.0
More than 20	‡	1.4	‡	46.2
Age				
Under 65	‡	9.4	‡	48.6
65 or older	‡	‡	‡	‡

Filters

2000 Carnegie code by control = Public associates
 Employed full or part time at this institution = Full time

‡ Reporting standards not met; insufficient number of cases.

For the purposes of this table, "STEM²" classification includes teaching fields that are consistent with a less-strict definition of "STEMM," encompassing more fields typically found at two-year colleges.

Science fields include Agricultural, animal, food and plant sciences; Renewable natural resources; Other agriculture; Biochemistry; Biology; Botany; Genetics; Immunology; Microbiology; Physiology; Zoology; Biological sciences, other; Astronomy; Chemistry; Physics; Earth atmosphere and oceanographic; Physical sciences, other; Psychology; Social sciences, general; Anthropology; Archeology; Area and ethnic studies; Demography; Economics; Geography; History; International relations; Political science and government; Sociology; and Other social sciences.

Technology fields include Computer and information sciences; Other computer science; Engineering-related technologies; and Science technologies.

Engineering fields include Architecture and environmental design; Engineering, general; Civil engineering; Electrical and communication engineering; Mechanical engineering; Chemical engineering; and Other engineering.

Mathematics fields include Mathematics/Statistics.

Medicine fields include Dentistry; Medicine, including psychiatry; Nursing; Pharmacy; Public health; Veterinary medicine; and Other health sciences.

Source: U.S. Department of Education, National Center for Education Statistics, 1998–99 National Study of Postsecondary Faculty (NSOPF:99).

Average number of hours per week devoted to paid activities at institution by full-time instructional faculty and staff in STEM²* fields at public 2-year colleges, by gender and by selected characteristics: 1999

Selected characteristics	Instructional faculty and staff (1,000s)		Hours per week on paid tasks at institution (Avg>0)	
	Male	Female	Male	Female
Science				
Total	12.2	6.9	42.6	41.7
Years of experience on current job				
20 years or less	7.7	5.9	43.4	41.9
More than 20	4.6	‡	41.3	‡
Age				
Under 65	11.2	6.8	42.9	41.7
65 or older	‡	‡	‡	‡
Technology				
Total	2.3	2.3	41.3	41.5
Years of experience on current job				
20 years or less	2.0	2.1	41.5	41.6
More than 20	‡	‡	‡	‡
Age				
Under 65	2.3	2.3	41.3	41.7
65 or older	‡	‡	‡	‡
Engineering				
Total	2.0	‡	40.8	‡
Years of experience on current job				
20 years or less	‡	‡	‡	‡
More than 20	‡	‡	‡	‡
Age				
Under 65	2.0	‡	40.8	‡
65 or older	‡	‡	‡	‡
Mathematics				
Total	4.2	2.6	38.2	39.4
Years of experience on current job				
20 years or less	3.0	2.2	38.8	37.8
More than 20	‡	‡	‡	‡
Age				
Under 65	3.9	2.6	39.1	39.4
65 or older	‡	‡	‡	‡
Medicine				
Total	‡	9.5	‡	39.4
Years of experience on current job				
20 years or less	‡	8.1	‡	39.4
More than 20	‡	1.4	‡	39.5
Age				
Under 65	‡	9.4	‡	39.5
65 or older	‡	‡	‡	‡

Filters

2000 Carnegie code by control = Public associates

Employed full or part time at this institution = Full time

‡ Reporting standards not met; insufficient number of cases.

For the purposes of this table, "STEMM²" classification includes teaching fields that are consistent with a less-strict definition of "STEMM," encompassing more fields typically found at two-year colleges.

Science fields include Agricultural, animal, food and plant sciences; Renewable natural resources; Other agriculture; Biochemistry; Biology; Botany; Genetics; Immunology; Microbiology; Physiology; Zoology; Biological sciences, other; Astronomy; Chemistry; Physics; Earth atmosphere and oceanographic; Physical sciences, other; Psychology; Social sciences, general; Anthropology; Archeology; Area and ethnic studies; Demography; Economics; Geography; History; International relations; Political science and government; Sociology; and Other social sciences.

Technology fields include Computer and information sciences; Other computer science; Engineering-related technologies; and Science technologies.

Engineering fields include Architecture and environmental design; Engineering, general; Civil engineering; Electrical and communication engineering; Mechanical engineering; Chemical engineering; and Other engineering.

Mathematics fields include Mathematics/Statistics.

Medicine fields include Dentistry; Medicine, including psychiatry; Nursing; Pharmacy; Public health; Veterinary medicine; and Other health sciences.

Source: U.S. Department of Education, National Center for Education Statistics, 1998–99 National Study of Postsecondary Faculty (NSOPF:99).

Average number of hours per week worked in paid activities outside of the college by full-time instructional faculty and staff in STEM** fields at public 2-year colleges, by gender and selected characteristics: 1999

Selected characteristics	Instructional faculty and staff (1,000s)		Hours per week on paid tasks outside of institution (Avg)	
	Male	Female	Male	Female
Science				
Total	2.8	1.9	7.6	6.1
Years of experience on current job				
20 years or less	2.1	1.7	6.8	5.9
More than 20	‡	‡	‡	‡
Age				
Under 65	2.6	1.9	7.5	6.1
65 or older	‡	‡	‡	‡
Technology				
Total	‡	‡	‡	‡
Years of experience on current job				
20 years or less	‡	‡	‡	‡
More than 20	‡	‡	‡	‡
Age				
Under 65	‡	‡	‡	‡
65 or older	‡	‡	‡	‡
Engineering				
Total	‡	‡	‡	‡
Years of experience on current job				
20 years or less	‡	‡	‡	‡
More than 20	‡	‡	‡	‡
Age				
Under 65	‡	‡	‡	‡
65 or older	‡	‡	‡	‡
Mathematics				
Total	‡	‡	‡	‡
Years of experience on current job				
20 years or less	‡	‡	‡	‡
More than 20	‡	‡	‡	‡
Age				
Under 65	‡	‡	‡	‡
65 or older	‡	‡	‡	‡
Medicine				
Total	‡	3.3	‡	6.9
Years of experience on current job				
20 years or less	‡	3.1	‡	7.1
More than 20	‡	‡	‡	‡
Age				
Under 65	‡	3.3	‡	6.9
65 or older	‡	‡	‡	‡

Filters

2000 Carnegie code by control = Public associates

Employed full or part time at this institution = Full time

‡ Reporting standards not met; insufficient number of cases.

For the purposes of this table, "STEM**" classification includes teaching fields that are consistent with a less-strict definition of "STEMM," encompassing more fields typically found at two-year colleges.

Science fields include Agricultural, animal, food and plant sciences; Renewable natural resources; Other agriculture; Biochemistry; Biology; Botany; Genetics; Immunology; Microbiology; Physiology; Zoology; Biological sciences, other; Astronomy; Chemistry; Physics; Earth atmosphere and oceanographic; Physical sciences, other; Psychology; Social sciences, general; Anthropology; Archeology; Area and ethnic studies; Demography; Economics; Geography; History; International relations; Political science and government; Sociology; and Other social sciences.

Technology fields include Computer and information sciences; Other computer science; Engineering-related technologies; and Science technologies.

Engineering fields include Architecture and environmental design; Engineering, general; Civil engineering; Electrical and communication engineering; Mechanical engineering; Chemical engineering; and Other engineering.

Mathematics fields include Mathematics/Statistics.

Medicine fields include Dentistry; Medicine, including psychiatry; Nursing; Pharmacy; Public health; Veterinary medicine; and Other health sciences.

Source: U.S. Department of Education, National Center for Education Statistics, 1998–99 National Study of Postsecondary Faculty (NSOPF:99).

Average number of classes (credit and non-credit) taught by full-time instructional faculty and staff in STEMM^{2*} fields at public 2-year colleges, by gender and selected characteristics: 1999

Selected characteristics	Instructional faculty and staff (1,000s)		Total number of classes taught (for credit and not for credit) (Avg)	
	Male	Female	Male	Female
Science				
Total	12.1	6.8	5.0	4.6
Years of experience on current job				
20 years or less	7.7	5.8	5.0	4.7
More than 20	4.4	‡	5.0	‡
Age				
Under 65	11.1	6.7	5.0	4.6
65 or older	‡	‡	‡	‡
Technology				
Total	2.3	2.3	5.0	6.6
Years of experience on current job				
20 years or less	2.0	2.1	5.1	6.7
More than 20	‡	‡	‡	‡
Age				
Under 65	2.3	2.3	5.0	6.6
65 or older	‡	‡	‡	‡
Engineering				
Total	2.0	‡	4.4	‡
Years of experience on current job				
20 years or less	‡	‡	‡	‡
More than 20	‡	‡	‡	‡
Age				
Under 65	2.0	‡	4.4	‡
65 or older	‡	‡	‡	‡
Mathematics				
Total	4.2	2.5	5.3	5.1
Years of experience on current job				
20 years or less	3.1	2.2	5.5	5.2
More than 20	‡	‡	‡	‡
Age				
Under 65	3.9	2.5	5.3	5.1
65 or older	‡	‡	‡	‡
Medicine				
Total	‡	9.4	‡	3.5
Years of experience on current job				
20 years or less	‡	8.0	‡	3.5
More than 20	‡	1.4	‡	3.9
Age				
Under 65	‡	9.2	‡	3.5
65 or older	‡	‡	‡	‡

Filters

2000 Carnegie code by control = Public associates
 Employed full or part time at this institution = Full time

‡ Reporting standards not met; insufficient number of cases.

For the purposes of this table, "STEMM²" classification includes teaching fields that are consistent with a less-strict definition of "STEMM," encompassing more fields typically found at two-year colleges.

Science fields include Agricultural, animal, food and plant sciences; Renewable natural resources; Other agriculture; Biochemistry; Biology; Botany; Genetics; Immunology; Microbiology; Physiology; Zoology; Biological sciences, other; Astronomy; Chemistry; Physics; Earth atmosphere and oceanographic; Physical sciences, other; Psychology; Social sciences, general; Anthropology; Archeology; Area and ethnic studies; Demography; Economics; Geography; History; International relations; Political science and government; Sociology; and Other social sciences.

Technology fields include Computer and information sciences; Other computer science; Engineering-related technologies; and Science technologies.

Engineering fields include Architecture and environmental design; Engineering, general; Civil engineering; Electrical and communication engineering; Mechanical engineering; Chemical engineering; and Other engineering.

Mathematics fields include Mathematics/Statistics.

Medicine fields include Dentistry; Medicine, including psychiatry; Nursing; Pharmacy; Public health; Veterinary medicine; and Other health sciences.

Source: U.S. Department of Education, National Center for Education Statistics, 1998–99 National Study of Postsecondary Faculty (NSOPF:99).

Average number of total classroom credit hours taught by full-time instructional faculty and staff in STEM^{2*} fields at public 2-year colleges, by gender and selected characteristics: 1999

Selected characteristics	Instructional faculty and staff (1,000s)		Total classroom credit hours in classes (Avg)	
	Male	Female	Male	Female
Science				
Total	12.0	6.7	16.3	13.5
Years of experience on current job				
20 years or less	7.6	5.8	17.9	13.6
More than 20	4.4	‡	13.5	‡
Age				
Under 65	11.1	6.6	16.7	13.5
65 or older	‡	‡	‡	‡
Technology				
Total	2.3	2.2	14.1	14.6
Years of experience on current job				
20 years or less	2.0	2.1	14.2	14.7
More than 20	‡	‡	‡	‡
Age				
Under 65	2.3	2.2	14.1	14.7
65 or older	‡	‡	‡	‡
Engineering				
Total	2.0	‡	17.5	‡
Years of experience on current job				
20 years or less	‡	‡	‡	‡
More than 20	‡	‡	‡	‡
Age				
Under 65	2.0	‡	17.5	‡
65 or older	‡	‡	‡	‡
Mathematics				
Total	4.2	2.5	16.7	13.6
Years of experience on current job				
20 years or less	3.1	2.2	16.5	14.1
More than 20	‡	‡	‡	‡
Age				
Under 65	3.9	2.5	17.1	13.6
65 or older	‡	‡	‡	‡
Medicine				
Total	‡	9.3	‡	13.8
Years of experience on current job				
20 years or less	‡	7.9	‡	13.8
More than 20	‡	1.4	‡	13.8
Age				
Under 65	‡	9.2	‡	13.8
65 or older	‡	‡	‡	‡

Filters

2000 Carnegie code by control = Public associates
 Employed full or part time at this institution = Full time

‡ Reporting standards not met; insufficient number of cases.

For the purposes of this table, "STEMM^{2*}" classification includes teaching fields that are consistent with a less-strict definition of "STEMM," encompassing more fields typically found at two-year colleges.

Science fields include Agricultural, animal, food and plant sciences; Renewable natural resources; Other agriculture; Biochemistry; Biology; Botany; Genetics; Immunology; Microbiology; Physiology; Zoology; Biological sciences, other; Astronomy; Chemistry; Physics; Earth atmosphere and oceanographic; Physical sciences, other; Psychology; Social sciences, general; Anthropology; Archeology; Area and ethnic studies; Demography; Economics; Geography; History; International relations; Political science and government; Sociology; and Other social sciences.

Technology fields include Computer and information sciences; Other computer science; Engineering-related technologies; and Science technologies.

Engineering fields include Architecture and environmental design; Engineering, general; Civil engineering; Electrical and communication engineering; Mechanical engineering; Chemical engineering; and Other engineering.

Mathematics fields include Mathematics/Statistics.

Medicine fields include Dentistry; Medicine, including psychiatry; Nursing; Pharmacy; Public health; Veterinary medicine; and Other health sciences.

Source: U.S. Department of Education, National Center for Education Statistics, 1998–99 National Study of Postsecondary Faculty (NSOPF:99).

Average number of hours per week full-time instructional faculty and staff in STEM²* fields at public 2-year colleges spent teaching credit classes, by gender and selected characteristics: 1999

Selected characteristics	Instructional faculty and staff (1,000s)		Total hours per week teaching credit classes (Avg)	
	Male	Female	Male	Female
Science				
Total	12.0	6.7	15.7	15.3
Years of experience on current job				
20 years or less	7.6	5.8	16.6	15.6
More than 20	4.4	‡	14.2	‡
Age				
Under 65	11.1	6.6	16.0	15.3
65 or older	‡	‡	‡	‡
Technology				
Total	2.3	2.2	18.9	17.0
Years of experience on current job				
20 years or less	2.0	2.1	19.0	17.2
More than 20	‡	‡	‡	‡
Age				
Under 65	2.3	2.2	18.9	16.9
65 or older	‡	‡	‡	‡
Engineering				
Total	2.0	‡	19.5	‡
Years of experience on current job				
20 years or less	‡	‡	‡	‡
More than 20	‡	‡	‡	‡
Age				
Under 65	2.0	‡	19.5	‡
65 or older	‡	‡	‡	‡
Mathematics				
Total	4.2	2.5	14.4	13.2
Years of experience on current job				
20 years or less	3.1	2.2	14.4	13.5
More than 20	‡	‡	‡	‡
Age				
Under 65	3.9	2.5	14.6	13.2
65 or older	‡	‡	‡	‡
Medicine				
Total	‡	9.3	‡	17.9
Years of experience on current job				
20 years or less	‡	7.9	‡	17.5
More than 20	‡	1.4	‡	20.2
Age				
Under 65	‡	9.2	‡	17.9
65 or older	‡	‡	‡	‡

Filters

2000 Carnegie code by control = Public associates

Employed full or part time at this institution = Full time

‡ Reporting standards not met; insufficient number of cases.

For the purposes of this table, "STEM²" classification includes teaching fields that are consistent with a less-strict definition of "STEM," encompassing more fields typically found at two-year colleges.

Science fields include Agricultural, animal, food and plant sciences; Renewable natural resources; Other agriculture; Biochemistry; Biology; Botany; Genetics; Immunology; Microbiology; Physiology; Zoology; Biological sciences, other; Astronomy; Chemistry; Physics; Earth atmosphere and oceanographic; Physical sciences, other; Psychology; Social sciences, general; Anthropology; Archeology; Area and ethnic studies; Demography; Economics; Geography; History; International relations; Political science and government; Sociology; and Other social sciences.

Technology fields include Computer and information sciences; Other computer science; Engineering-related technologies; and Science technologies.

Engineering fields include Architecture and environmental design; Engineering, general; Civil engineering; Electrical and communication engineering; Mechanical engineering; Chemical engineering; and Other engineering.

Mathematics fields include Mathematics/Statistics.

Medicine fields include Dentistry; Medicine, including psychiatry; Nursing; Pharmacy; Public health; Veterinary medicine; and Other health sciences.

Source: U.S. Department of Education, National Center for Education Statistics, 1998–99 National Study of Postsecondary Faculty (NSOPF:99).

Average number of students taught in credit classes by full-time instructional faculty and staff in STEM²** fields at public 2-year colleges, by gender and selected characteristics: 1999

Selected characteristics	Instructional faculty and staff (1,000s)		Total students taught in credit classes (Avg)	
	Male	Female	Male	Female
Science				
Total	12.0	6.7	128.3	133.0
Years of experience on current job				
20 years or less	7.6	5.8	127.7	130.9
More than 20	4.4	‡	129.3	‡
Age				
Under 65	11.1	6.6	129.2	133.1
65 or older	‡	‡	‡	‡
Technology				
Total	2.3	2.2	101.0	101.8
Years of experience on current job				
20 years or less	2.0	2.1	99.5	97.5
More than 20	‡	‡	‡	‡
Age				
Under 65	2.3	2.2	101.0	102.1
65 or older	‡	‡	‡	‡
Engineering				
Total	2.0	‡	57.0	‡
Years of experience on current job				
20 years or less	‡	‡	‡	‡
More than 20	‡	‡	‡	‡
Age				
Under 65	2.0	‡	57.0	‡
65 or older	‡	‡	‡	‡
Mathematics				
Total	4.2	2.5	113.5	113.3
Years of experience on current job				
20 years or less	3.1	2.2	113.0	113.8
More than 20	‡	‡	‡	‡
Age				
Under 65	3.9	2.5	116.2	113.3
65 or older	‡	‡	‡	‡
Medicine				
Total	‡	9.3	‡	72.6
Years of experience on current job				
20 years or less	‡	7.9	‡	70.3
More than 20	‡	1.4	‡	85.8
Age				
Under 65	‡	9.2	‡	72.6
65 or older	‡	‡	‡	‡

Filters

2000 Carnegie code by control = Public associates
 Employed full or part time at this institution = Full time

‡ Reporting standards not met; insufficient number of cases.

For the purposes of this table, "STEM²" classification includes teaching fields that are consistent with a less-strict definition of "STEM," encompassing more fields typically found at two-year colleges.

Science fields include Agricultural, animal, food and plant sciences; Renewable natural resources; Other agriculture; Biochemistry; Biology; Botany; Genetics; Immunology; Microbiology; Physiology; Zoology; Biological sciences, other; Astronomy; Chemistry; Physics; Earth atmosphere and oceanographic; Physical sciences, other; Psychology; Social sciences, general; Anthropology; Archeology; Area and ethnic studies; Demography; Economics; Geography; History; International relations; Political science and government; Sociology; and Other social sciences.

Technology fields include Computer and information sciences; Other computer science; Engineering-related technologies; and Science technologies.

Engineering fields include Architecture and environmental design; Engineering, general; Civil engineering; Electrical and communication engineering; Mechanical engineering; Chemical engineering; and Other engineering.

Mathematics fields include Mathematics/Statistics.

Medicine fields include Dentistry; Medicine, including psychiatry; Nursing; Pharmacy; Public health; Veterinary medicine; and Other health sciences.

Source: U.S. Department of Education, National Center for Education Statistics, 1998–99 National Study of Postsecondary Faculty (NSOPF:99).

Average number of total student contact hours per week in credit classes for full-time instructional faculty and staff in STEM² fields at public 2-year colleges, by gender and selected characteristics: 1999

Selected characteristics	Instructional faculty and staff (1,000s)		Total student contact hours per week in credit classes (Avg)	
	Male	Female	Male	Female
Science				
Total	12.0	6.7	483.6	474.2
Years of experience on current job				
20 years or less	7.6	5.8	503.6	476.3
More than 20	4.4	‡	448.7	‡
Age				
Under 65	11.1	6.6	489.0	475.9
65 or older	‡	‡	‡	‡
Technology				
Total	2.3	2.2	410.6	364.5
Years of experience on current job				
20 years or less	2.0	2.1	404.8	358.8
More than 20	‡	‡	‡	‡
Age				
Under 65	2.3	2.2	410.6	364.6
65 or older	‡	‡	‡	‡
Engineering				
Total	2.0	‡	297.3	‡
Years of experience on current job				
20 years or less	‡	‡	‡	‡
More than 20	‡	‡	‡	‡
Age				
Under 65	2.0	‡	297.3	‡
65 or older	‡	‡	‡	‡
Mathematics				
Total	4.2	2.5	411.4	388.4
Years of experience on current job				
20 years or less	3.1	2.2	404.9	400.0
More than 20	‡	‡	‡	‡
Age				
Under 65	3.9	2.5	420.5	388.4
65 or older	‡	‡	‡	‡
Medicine				
Total	‡	9.3	‡	431.0
Years of experience on current job				
20 years or less	‡	7.9	‡	400.7
More than 20	‡	1.4	‡	602.1
Age				
Under 65	‡	9.2	‡	430.5
65 or older	‡	‡	‡	‡

Filters

2000 Carnegie code by control = Public associates

Employed full or part time at this institution = Full time

‡ Reporting standards not met; insufficient number of cases.

For the purposes of this table, "STEM²" classification includes teaching fields that are consistent with a less-strict definition of "STEMM," encompassing more fields typically found at two-year colleges.

Science fields include Agricultural, animal, food and plant sciences; Renewable natural resources; Other agriculture; Biochemistry; Biology; Botany; Genetics; Immunology; Microbiology; Physiology; Zoology; Biological sciences, other; Astronomy; Chemistry; Physics; Earth atmosphere and oceanographic; Physical sciences, other; Psychology; Social sciences, general; Anthropology; Archeology; Area and ethnic studies; Demography; Economics; Geography; History; International relations; Political science and government; Sociology; and Other social sciences.

Technology fields include Computer and information sciences; Other computer science; Engineering-related technologies; and Science technologies.

Engineering fields include Architecture and environmental design; Engineering, general; Civil engineering; Electrical and communication engineering; Mechanical engineering; Chemical engineering; and Other engineering.

Mathematics fields include Mathematics/Statistics.

Medicine fields include Dentistry; Medicine, including psychiatry; Nursing; Pharmacy; Public health; Veterinary medicine; and Other health sciences.

Source: U.S. Department of Education, National Center for Education Statistics, 1998–99 National Study of Postsecondary Faculty (NSOPF:99).

Average number of total student credit hours generated by full-time instructional faculty and staff in STEMM^{2*} fields at public 2-year colleges, by gender and selected characteristics: 1999

Selected characteristics	Instructional faculty and staff (1,000s)		Total student credit hours in classes (Avg)	
	Male	Female	Male	Female
Science				
Total	12.0	6.7	509.7	429.7
Years of experience on current job				
20 years or less	7.6	5.8	550.2	424.1
More than 20	4.4	‡	439.0	‡
Age				
Under 65	11.1	6.6	518.4	430.8
65 or older	‡	‡	‡	‡
Technology				
Total	2.3	2.2	307.2	323.9
Years of experience on current job				
20 years or less	2.0	2.1	301.7	317.8
More than 20	‡	‡	‡	‡
Age				
Under 65	2.3	2.2	307.2	326.2
65 or older	‡	‡	‡	‡
Engineering				
Total	2.0	‡	267.6	‡
Years of experience on current job				
20 years or less	‡	‡	‡	‡
More than 20	‡	‡	‡	‡
Age				
Under 65	2.0	‡	267.6	‡
65 or older	‡	‡	‡	‡
Mathematics				
Total	4.2	2.5	529.5	403.9
Years of experience on current job				
20 years or less	3.1	2.2	489.7	412.7
More than 20	‡	‡	‡	‡
Age				
Under 65	3.9	2.5	552.4	403.9
65 or older	‡	‡	‡	‡
Medicine				
Total	‡	9.3	‡	364.8
Years of experience on current job				
20 years or less	‡	7.9	‡	355.8
More than 20	‡	1.4	‡	415.7
Age				
Under 65	‡	9.2	‡	365.5
65 or older	‡	‡	‡	‡

Filters

2000 Carnegie code by control = Public associates

Employed full or part time at this institution = Full time

‡ Reporting standards not met; insufficient number of cases.

For the purposes of this table, "STEMM²" classification includes teaching fields that are consistent with a less-strict definition of "STEMM," encompassing more fields typically found at two-year colleges.

Science fields include Agricultural, animal, food and plant sciences; Renewable natural resources; Other agriculture; Biochemistry; Biology; Botany; Genetics; Immunology; Microbiology; Physiology; Zoology; Biological sciences, other; Astronomy; Chemistry; Physics; Earth atmosphere and oceanographic; Physical sciences, other; Psychology; Social sciences, general; Anthropology; Archeology; Area and ethnic studies; Demography; Economics; Geography; History; International relations; Political science and government; Sociology; and Other social sciences.

Technology fields include Computer and information sciences; Other computer science; Engineering-related technologies; and Science technologies.

Engineering fields include Architecture and environmental design; Engineering, general; Civil engineering; Electrical and communication engineering; Mechanical engineering; Chemical engineering; and Other engineering.

Mathematics fields include Mathematics/Statistics.

Medicine fields include Dentistry; Medicine, including psychiatry; Nursing; Pharmacy; Public health; Veterinary medicine; and Other health sciences.

Source: U.S. Department of Education, National Center for Education Statistics, 1998–99 National Study of Postsecondary Faculty (NSOPF:99).

Number and percentage distribution of full-time instructional faculty and staff in STEM* fields at public 2-year colleges, by whether they had published within the past two years, by gender and for selected characteristics: 1999

Selected characteristics	Instructional faculty and staff (1,000s)		Any publications within the last two years?			
	Male	Female	No (%)		Yes (%)	
			Male	Female	Male	Female
Science						
Total	12.3	7.0	61.1	67.7	38.9	32.3
Years of experience on current job						
20 years or less	7.7	6.0	58.4	70.1	41.6	29.9
More than 20	4.6	‡	65.6	‡	34.4	‡
Age						
Under 65	11.3	6.9	60.2	67.9	39.8	32.1
65 or older	‡	‡	‡	‡	‡	‡
Technology						
Total	2.3	2.3	73.8	83.0	26.2	17.0
Years of experience on current job						
20 years or less	2.0	2.1	74.1	82.9	25.9	17.1
More than 20	‡	‡	‡	‡	‡	‡
Age						
Under 65	2.3	2.3	73.8	84.0	26.2	16.0
65 or older	‡	‡	‡	‡	‡	‡
Engineering						
Total	2.0	‡	75.4	‡	24.6	‡
Years of experience on current job						
20 years or less	‡	‡	‡	‡	‡	‡
More than 20	‡	‡	‡	‡	‡	‡
Age						
Under 65	2.0	‡	75.4	‡	24.6	‡
65 or older	‡	‡	‡	‡	‡	‡
Mathematics						
Total	4.2	2.6	65.6	80.3	34.4	19.7
Years of experience on current job						
20 years or less	3.1	2.3	62.3	80.5	37.7	19.5
More than 20	‡	‡	‡	‡	‡	‡
Age						
Under 65	3.9	2.6	65.1	80.3	34.9	19.7
65 or older	‡	‡	‡	‡	‡	‡
Medicine						
Total	‡	9.5	‡	76.8	‡	23.2
Years of experience on current job						
20 years or less	‡	8.1	‡	80.3	‡	19.7
More than 20	‡	1.4	‡	56.3	‡	43.7
Age						
Under 65	‡	9.4	‡	77.0	‡	23.0
65 or older	‡	‡	‡	‡	‡	‡

Filters

2000 Carnegie code by control = Public associates

Employed full or part time at this institution = Full time

‡ Reporting standards not met; insufficient number of cases.

For the purposes of this table, "STEMM" classification includes teaching fields that are consistent with a less-strict definition of "STEMM," encompassing more fields typically found at two-year colleges.

Science fields include Agricultural, animal, food and plant sciences; Renewable natural resources; Other agriculture; Biochemistry; Biology; Botany; Genetics; Immunology; Microbiology; Physiology; Zoology; Biological sciences, other; Astronomy; Chemistry; Physics; Earth atmosphere and oceanographic; Physical sciences, other; Psychology; Social sciences, general; Anthropology; Archeology; Area and ethnic studies; Demography; Economics; Geography; History; International relations; Political science and government; Sociology; and Other social sciences.

Technology fields include Computer and information sciences; Other computer science; Engineering-related technologies; and Science technologies.

Engineering fields include Architecture and environmental design; Engineering, general; Civil engineering; Electrical and communication engineering; Mechanical engineering; Chemical engineering; and Other engineering.

Mathematics fields include Mathematics/Statistics.

Medicine fields include Dentistry; Medicine, including psychiatry; Nursing; Pharmacy; Public health; Veterinary medicine; and Other health sciences.

Source: U.S. Department of Education, National Center for Education Statistics, 1998-99 National Study of Postsecondary Faculty (NSOPF:99).

Number and percentage distribution of full-time instructional faculty and staff in STEM² fields at public 2-year colleges, by whether they had presented or exhibited their scholarly work within the past two years, by gender and for selected characteristics: 1999

Selected characteristics	Instructional faculty and staff (1,000s)		Any presentations, exhibitions, or performances within the past two years?			
	Male	Female	No (%)		Yes (%)	
			Male	Female	Male	Female
Science						
Total	12.3	7.0	55.8	58.3	44.2	41.7
Years of experience on current job						
20 years or less	7.7	6.0	52.8	58.2	47.2	41.8
More than 20	4.6	‡	60.8	‡	39.2	‡
Age						
Under 65	11.3	6.9	54.6	58.1	45.4	41.9
65 or older	‡	‡	‡	‡	‡	‡
Technology						
Total	2.3	2.3	59.3	52.5	40.7	47.5
Years of experience on current job						
20 years or less	2.0	2.1	57.5	53.9	42.5	46.1
More than 20	‡	‡	‡	‡	‡	‡
Age						
Under 65	2.3	2.3	59.3	53.1	40.7	46.9
65 or older	‡	‡	‡	‡	‡	‡
Engineering						
Total	2.0	‡	64.5	‡	35.5	‡
Years of experience on current job						
20 years or less	‡	‡	‡	‡	‡	‡
More than 20	‡	‡	‡	‡	‡	‡
Age						
Under 65	2.0	‡	64.5	‡	35.5	‡
65 or older	‡	‡	‡	‡	‡	‡
Mathematics						
Total	4.2	2.6	72.4	61.0	27.6	39.0
Years of experience on current job						
20 years or less	3.1	2.3	66.9	57.7	33.1	42.3
More than 20	‡	‡	‡	‡	‡	‡
Age						
Under 65	3.9	2.6	71.2	61.0	28.8	39.0
65 or older	‡	‡	‡	‡	‡	‡
Medicine						
Total	‡	9.5	‡	58.9	‡	41.1
Years of experience on current job						
20 years or less	‡	8.1	‡	62.8	‡	37.2
More than 20	‡	1.4	‡	36.5	‡	63.5
Age						
Under 65	‡	9.4	‡	59.8	‡	40.2
65 or older	‡	‡	‡	‡	‡	‡

Filters

2000 Carnegie code by control = Public associates
 Employed full or part time at this institution = Full time

‡ Reporting standards not met; insufficient number of cases.

For the purposes of this table, "STEMM" classification includes teaching fields that are consistent with a less-strict definition of "STEMM," encompassing more fields typically found at two-year colleges.

Science fields include Agricultural, animal, food and plant sciences; Renewable natural resources; Other agriculture; Biochemistry; Biology; Botany; Genetics; Immunology; Microbiology; Physiology; Zoology; Biological sciences, other; Astronomy; Chemistry; Physics; Earth atmosphere and oceanographic; Physical sciences, other; Psychology; Social sciences, general; Anthropology; Archeology; Area and ethnic studies; Demography; Economics; Geography; History; International relations; Political science and government; Sociology; and Other social sciences.

Technology fields include Computer and information sciences; Other computer science; Engineering-related technologies; and Science technologies.

Engineering fields include Architecture and environmental design; Engineering, general; Civil engineering; Electrical and communication engineering; Mechanical engineering; Chemical engineering; and Other engineering.

Mathematics fields include Mathematics/Statistics.

Medicine fields include Dentistry; Medicine, including psychiatry; Nursing; Pharmacy; Public health; Veterinary medicine; and Other health sciences.

Source: U.S. Department of Education, National Center for Education Statistics, 1998-99 National Study of Postsecondary Faculty (NSOPF:99).

Number and percentage distribution of full-time instructional faculty and staff in STEM²* fields at public 2-year colleges, by their opinion about choosing an academic career again, by gender and for selected characteristics: 1999

Selected characteristics	Instructional faculty and staff (1,000s)		"If I had to do it over again, I would choose an academic career."			
	Male	Female	Disagree (%)		Agree (%)	
			Male	Female	Male	Female
Science						
Total	12.3	7.0	7.7	8.1	92.3	91.9
Years of experience on current job						
20 years or less	7.7	6.0	7.0	9.5	93.0	90.5
More than 20	4.6	‡	8.8	‡	91.2	‡
Age						
Under 65	11.3	6.9	8.2	8.3	91.8	91.7
65 or older	‡	‡	‡	‡	‡	‡
Technology						
Total	2.3	2.3	12.7	7.0	87.3	93.0
Years of experience on current job						
20 years or less	2.0	2.1	10.7	3.8	89.3	96.2
More than 20	‡	‡	‡	‡	‡	‡
Age						
Under 65	2.3	2.3	12.7	6.0	87.3	94.0
65 or older	‡	‡	‡	‡	‡	‡
Engineering						
Total	2.0	‡	7.6	‡	92.4	‡
Years of experience on current job						
20 years or less	‡	‡	‡	‡	‡	‡
More than 20	‡	‡	‡	‡	‡	‡
Age						
Under 65	2.0	‡	7.6	‡	92.4	‡
65 or older	‡	‡	‡	‡	‡	‡
Mathematics						
Total	4.2	2.6	5.0	12.0	95.0	88.0
Years of experience on current job						
20 years or less	3.1	2.3	5.3	13.8	94.7	86.2
More than 20	‡	‡	‡	‡	‡	‡
Age						
Under 65	3.9	2.6	5.4	12.0	94.6	88.0
65 or older	‡	‡	‡	‡	‡	‡
Medicine						
Total	‡	9.5	‡	9.5	‡	90.5
Years of experience on current job						
20 years or less	‡	8.1	‡	9.8	‡	90.2
More than 20	‡	1.4	‡	7.5	‡	92.5
Age						
Under 65	‡	9.4	‡	9.3	‡	90.7
65 or older	‡	‡	‡	‡	‡	‡

Filters

2000 Carnegie code by control = Public associates

Employed full or part time at this institution = Full time

‡ Reporting standards not met; insufficient number of cases.

For the purposes of this table, "STEMM²" classification includes teaching fields that are consistent with a less-strict definition of "STEMM," encompassing more fields typically found at two-year colleges.

Science fields include Agricultural, animal, food and plant sciences; Renewable natural resources; Other agriculture; Biochemistry; Biology; Botany; Genetics; Immunology; Microbiology; Physiology; Zoology; Biological sciences, other; Astronomy; Chemistry; Physics; Earth atmosphere and oceanographic; Physical sciences, other; Psychology; Social sciences, general; Anthropology; Archeology; Area and ethnic studies; Demography; Economics; Geography; History; International relations; Political science and government; Sociology; and Other social sciences.

Technology fields include Computer and information sciences; Other computer science; Engineering-related technologies; and Science technologies.

Engineering fields include Architecture and environmental design; Engineering, general; Civil engineering; Electrical and communication engineering; Mechanical engineering; Chemical engineering; and Other engineering.

Mathematics fields include Mathematics/Statistics.

Medicine fields include Dentistry; Medicine, including psychiatry; Nursing; Pharmacy; Public health; Veterinary medicine; and Other health sciences.

Source: U.S. Department of Education, National Center for Education Statistics, 1998–99 National Study of Postsecondary Faculty (NSOPF:99).

Number and percentage distribution of full-time instructional faculty and staff in STEMM* fields at public 2-year colleges, by their opinion concerning whether female faculty are treated fairly, by gender and for selected characteristics: 1999

Selected characteristics	Instructional faculty and staff (1,000s)		Opinion: Are female faculty treated fairly at this institution?			
	Male	Female	Yes (%)		No (%)	
			Male	Female	Male	Female
Science						
Total	12.3	7.0	94.7	82.3	5.3	17.7
Years of experience on current job						
20 years or less	7.7	6.0	92.8	81.9	7.2	18.1
More than 20	4.6	‡	97.8	‡	2.2	‡
Age						
Under 65	11.3	6.9	94.4	82.0	5.6	18.0
65 or older	‡	‡	‡	‡	‡	‡
Technology						
Total	2.3	2.3	86.4	69.7	13.6	30.3
Years of experience on current job						
20 years or less	2.0	2.1	86.0	72.3	14.0	27.7
More than 20	‡	‡	‡	‡	‡	‡
Age						
Under 65	2.3	2.3	86.4	69.3	13.6	30.7
65 or older	‡	‡	‡	‡	‡	‡
Engineering						
Total	2.0	‡	83.8	‡	16.2	‡
Years of experience on current job						
20 years or less	‡	‡	‡	‡	‡	‡
More than 20	‡	‡	‡	‡	‡	‡
Age						
Under 65	2.0	‡	83.8	‡	16.2	‡
65 or older	‡	‡	‡	‡	‡	‡
Mathematics						
Total	4.2	2.6	97.8	86.6	2.2	13.4
Years of experience on current job						
20 years or less	3.1	2.3	97.0	88.2	3.0	11.8
More than 20	‡	‡	‡	‡	‡	‡
Age						
Under 65	3.9	2.6	97.6	86.6	2.4	13.4
65 or older	‡	‡	‡	‡	‡	‡
Medicine						
Total	‡	9.5	‡	67.7	‡	32.3
Years of experience on current job						
20 years or less	‡	8.1	‡	64.8	‡	35.2
More than 20	‡	1.4	‡	84.7	‡	15.3
Age						
Under 65	‡	9.4	‡	67.6	‡	32.4
65 or older	‡	‡	‡	‡	‡	‡

Filters

2000 Carnegie code by control = Public associates

Employed full or part time at this institution = Full time

‡ Reporting standards not met; insufficient number of cases.

For the purposes of this table, "STEMM*" classification includes teaching fields that are consistent with a less-strict definition of "STEMM," encompassing more fields typically found at two-year colleges.

Science fields include Agricultural, animal, food and plant sciences; Renewable natural resources; Other agriculture; Biochemistry; Biology; Botany; Genetics; Immunology; Microbiology; Physiology; Zoology; Biological sciences, other; Astronomy; Chemistry; Physics; Earth atmosphere and oceanographic; Physical sciences, other; Psychology; Social sciences, general; Anthropology; Archeology; Area and ethnic studies; Demography; Economics; Geography; History; International relations; Political science and government; Sociology; and Other social sciences.

Technology fields include Computer and information sciences; Other computer science; Engineering-related technologies; and Science technologies.

Engineering fields include Architecture and environmental design; Engineering, general; Civil engineering; Electrical and communication engineering; Mechanical engineering; Chemical engineering; and Other engineering.

Mathematics fields include Mathematics/Statistics.

Medicine fields include Dentistry; Medicine, including psychiatry; Nursing; Pharmacy; Public health; Veterinary medicine; and Other health sciences.

Source: U.S. Department of Education, National Center for Education Statistics, 1998–99 National Study of Postsecondary Faculty (NSOPF:99).

Number and percentage distribution of full-time instructional faculty and staff in STEM²* fields at public 2-year colleges, by their opinion concerning whether minority faculty are treated fairly, by gender and for selected characteristics: 1999

Selected characteristics	Instructional faculty and staff (1,000s)		Opinion: Are minority faculty treated fairly at this institution?			
	Male	Female	Yes (%)		No (%)	
			Male	Female	Male	Female
Science						
Total	12.3	7.0	92.5	82.6	7.5	17.4
Years of experience on current job						
20 years or less	7.7	6.0	92.1	82.8	7.9	17.2
More than 20	4.6	‡	93.2	‡	6.8	‡
Age						
Under 65	11.3	6.9	92.0	82.8	8.0	17.2
65 or older	‡	‡	‡	‡	‡	‡
Technology						
Total	2.3	2.3	97.8	67.9	2.2	32.1
Years of experience on current job						
20 years or less	2.0	2.1	97.5	70.4	2.5	29.6
More than 20	‡	‡	‡	‡	‡	‡
Age						
Under 65	2.3	2.3	97.8	67.5	2.2	32.5
65 or older	‡	‡	‡	‡	‡	‡
Engineering						
Total	2.0	‡	81.8	‡	18.2	‡
Years of experience on current job						
20 years or less	‡	‡	‡	‡	‡	‡
More than 20	‡	‡	‡	‡	‡	‡
Age						
Under 65	2.0	‡	81.8	‡	18.2	‡
65 or older	‡	‡	‡	‡	‡	‡
Mathematics						
Total	4.2	2.6	91.4	92.1	8.6	7.9
Years of experience on current job						
20 years or less	3.1	2.3	89.7	92.6	10.3	7.4
More than 20	‡	‡	‡	‡	‡	‡
Age						
Under 65	3.9	2.6	91.9	92.1	8.1	7.9
65 or older	‡	‡	‡	‡	‡	‡
Medicine						
Total	‡	9.5	‡	84.8	‡	15.2
Years of experience on current job						
20 years or less	‡	8.1	‡	84.8	‡	15.2
More than 20	‡	1.4	‡	84.8	‡	15.2
Age						
Under 65	‡	9.4	‡	84.9	‡	15.1
65 or older	‡	‡	‡	‡	‡	‡

Filters

2000 Carnegie code by control = Public associates

Employed full or part time at this institution = Full time

‡ Reporting standards not met; insufficient number of cases.

For the purposes of this table, "STEMM²" classification includes teaching fields that are consistent with a less-strict definition of "STEMM," encompassing more fields typically found at two-year colleges.

Science fields include Agricultural, animal, food and plant sciences; Renewable natural resources; Other agriculture; Biochemistry; Biology; Botany; Genetics; Immunology; Microbiology; Physiology; Zoology; Biological sciences, other; Astronomy; Chemistry; Physics; Earth atmosphere and oceanographic; Physical sciences, other; Psychology; Social sciences, general; Anthropology; Archeology; Area and ethnic studies; Demography; Economics; Geography; History; International relations; Political science and government; Sociology; and Other social sciences.

Technology fields include Computer and information sciences; Other computer science; Engineering-related technologies; and Science technologies.

Engineering fields include Architecture and environmental design; Engineering, general; Civil engineering; Electrical and communication engineering; Mechanical engineering; Chemical engineering; and Other engineering.

Mathematics fields include Mathematics/Statistics.

Medicine fields include Dentistry; Medicine, including psychiatry; Nursing; Pharmacy; Public health; Veterinary medicine; and Other health sciences.

Source: U.S. Department of Education, National Center for Education Statistics, 1998–99 National Study of Postsecondary Faculty (NSOPF:99).

Number and percentage distribution of part-time instructional faculty and staff in STEM²* fields at public 2-year colleges, by race/ethnicity and gender and for selected characteristics: 1999

Selected characteristics	Instructional faculty and staff (1,000s)		Race/ethnicity			
	Male	Female	Minority %		White %	
			Male	Female	Male	Female
Science						
Total	18.2	11.1	12.5	13.3	87.5	86.7
Years of experience on current job						
20 years or less	16.7	11.0	13.2	13.3	86.8	86.7
More than 20	‡	‡	‡	‡	‡	‡
Age						
Under 65	16.7	10.6	12.5	13.1	87.5	86.9
65 or older	‡	‡	‡	‡	‡	‡
Technology						
Total	7.6	4.8	8.4	14.9	91.6	85.1
Years of experience on current job						
20 years or less	7.6	4.8	8.5	14.9	91.5	85.1
More than 20	‡	‡	‡	‡	‡	‡
Age						
Under 65	7.1	4.8	9.1	14.9	90.9	85.1
65 or older	‡	‡	‡	‡	‡	‡
Engineering						
Total	‡	‡	‡	‡	‡	‡
Years of experience on current job						
20 years or less	‡	‡	‡	‡	‡	‡
More than 20	‡	‡	‡	‡	‡	‡
Age						
Under 65	‡	‡	‡	‡	‡	‡
65 or older	‡	‡	‡	‡	‡	‡
Mathematics						
Total	9.1	6.2	18.0	7.2	82.0	92.8
Years of experience on current job						
20 years or less	8.7	6.2	17.7	7.2	82.3	92.8
More than 20	‡	‡	‡	‡	‡	‡
Age						
Under 65	7.9	6.2	12.2	7.3	87.8	92.7
65 or older	‡	‡	‡	‡	‡	‡
Medicine						
Total	‡	8.8	‡	7.9	‡	92.1
Years of experience on current job						
20 years or less	‡	8.6	‡	8.1	‡	91.9
More than 20	‡	‡	‡	‡	‡	‡
Age						
Under 65	‡	8.5	‡	7.4	‡	92.6
65 or older	‡	‡	‡	‡	‡	‡

Filters

2000 Carnegie code by control = Public associates

Employed full or part time at this institution = Part time

‡ Reporting standards not met; insufficient number of cases.

For the purposes of this table, "STEM²" classification includes teaching fields that are consistent with a less-strict definition of "STEMM," encompassing more fields typically found at two-year colleges.

Science fields include Agricultural, animal, food and plant sciences; Renewable natural resources; Other agriculture; Biochemistry; Biology; Botany; Genetics; Immunology; Microbiology; Physiology; Zoology; Biological sciences, other; Astronomy; Chemistry; Physics; Earth atmosphere and oceanographic; Physical sciences, other; Psychology; Social sciences, general; Anthropology; Archeology; Area and ethnic studies; Demography; Economics; Geography; History; International relations; Political science and government; Sociology; and Other social sciences.

Technology fields include Computer and information sciences; Other computer science; Engineering-related technologies; and Science technologies.

Engineering fields include Architecture and environmental design; Engineering, general; Civil engineering; Electrical and communication engineering; Mechanical engineering; Chemical engineering; and Other engineering.

Mathematics fields include Mathematics/Statistics.

Medicine fields include Dentistry; Medicine, including psychiatry; Nursing; Pharmacy; Public health; Veterinary medicine; and Other health sciences.

Source: U.S. Department of Education, National Center for Education Statistics, 1998–99 National Study of Postsecondary Faculty (NSOPF:99).

Number and percentage distribution of part-time instructional faculty and staff in STEMM^{2*} fields at public 2-year colleges, by highest educational credential attained, by gender and for selected characteristics: 1999

Selected characteristics	Instructional faculty and staff (1,000s)		Highest degree					
			Bachelor's or less %		Master's degree %		PhD or first professional %	
	Male	Female	Male	Female	Male	Female	Male	Female
Science								
Total	18.2	11.1	7.5	11.6	64.0	70.0	28.5	18.5
Years of experience on current job								
20 years or less	16.7	11.0	8.1	11.3	61.8	70.2	30.0	18.5
More than 20	‡	‡	‡	‡	‡	‡	‡	‡
Age								
Under 65	16.7	10.6	7.7	11.7	65.4	71.3	26.9	17.1
65 or older	‡	‡	‡	‡	‡	‡	‡	‡
Technology								
Total	7.6	4.8	38.0	46.6	55.9	48.8	6.1	4.6
Years of experience on current job								
20 years or less	7.6	4.8	37.4	46.6	56.4	48.8	6.2	4.6
More than 20	‡	‡	‡	‡	‡	‡	‡	‡
Age								
Under 65	7.1	4.8	37.7	46.6	55.7	48.8	6.6	4.6
65 or older	‡	‡	‡	‡	‡	‡	‡	‡
Engineering								
Total	‡	‡	‡	‡	‡	‡	‡	‡
Years of experience on current job								
20 years or less	‡	‡	‡	‡	‡	‡	‡	‡
More than 20	‡	‡	‡	‡	‡	‡	‡	‡
Age								
Under 65	‡	‡	‡	‡	‡	‡	‡	‡
65 or older	‡	‡	‡	‡	‡	‡	‡	‡
Mathematics								
Total	9.1	6.2	15.4	8.1	77.5	90.8	7.2	1.2
Years of experience on current job								
20 years or less	8.7	6.2	16.1	8.2	76.4	90.6	7.5	1.2
More than 20	‡	‡	‡	‡	‡	‡	‡	‡
Age								
Under 65	7.9	6.2	15.7	8.2	77.1	90.6	7.3	1.2
65 or older	‡	‡	‡	‡	‡	‡	‡	‡
Medicine								
Total	‡	8.8	‡	56.2	‡	41.5	‡	2.4
Years of experience on current job								
20 years or less	‡	8.6	‡	57.2	‡	40.4	‡	2.4
More than 20	‡	‡	‡	‡	‡	‡	‡	‡
Age								
Under 65	‡	8.5	‡	56.0	‡	41.6	‡	2.5
65 or older	‡	‡	‡	‡	‡	‡	‡	‡

Filters

2000 Carnegie code by control = Public associates

Employed full or part time at this institution = Part time

‡ Reporting standards not met; insufficient number of cases.

For the purposes of this table, "STEMM²" classification includes teaching fields that are consistent with a less-strict definition of "STEMM," encompassing more fields typically found at two-year colleges.

Science fields include Agricultural, animal, food and plant sciences; Renewable natural resources; Other agriculture; Biochemistry; Biology; Botany; Genetics; Immunology; Microbiology; Physiology; Zoology; Biological sciences, other; Astronomy; Chemistry; Physics; Earth atmosphere and oceanographic; Physical sciences, other; Psychology; Social sciences, general; Anthropology; Archeology; Area and ethnic studies; Demography; Economics; Geography; History; International relations; Political science and government; Sociology; and Other social sciences.

Technology fields include Computer and information sciences; Other computer science; Engineering-related technologies; and Science technologies.

Engineering fields include Architecture and environmental design; Engineering, general; Civil engineering; Electrical and communication engineering; Mechanical engineering; Chemical engineering; and Other engineering.

Mathematics fields include Mathematics/Statistics.

Medicine fields include Dentistry; Medicine, including psychiatry; Nursing; Pharmacy; Public health; Veterinary medicine; and Other health sciences.

Source: U.S. Department of Education, National Center for Education Statistics, 1998-99 National Study of Postsecondary Faculty (NSOPF:99).

Number and percentage distribution of part-time instructional faculty and staff in STEMM* fields at public 2-year colleges, by whether the current PSE job is the first, and only current, PSE job, by gender and for selected characteristics: 1999

Selected characteristics	Instructional faculty and staff (1,000s)		Is current PSE job the first, and only current, PSE job?			
	Male	Female	No %		Yes %	
			Male	Female	Male	Female
Science						
Total	14.6	6.7	89.7	89.6	10.3	10.4
Years of experience on current job						
20 years or less	13.8	6.7	89.1	90.0	10.9	10.0
More than 20	‡	‡	‡	‡	‡	‡
Age						
Under 65	13.2	6.4	89.8	89.7	10.2	10.3
65 or older	‡	‡	‡	‡	‡	‡
Technology						
Total	4.5	‡	75.9	‡	24.1	‡
Years of experience on current job						
20 years or less	4.4	‡	75.5	‡	24.5	‡
More than 20	‡	‡	‡	‡	‡	‡
Age						
Under 65	4.3	‡	74.6	‡	25.4	‡
65 or older	‡	‡	‡	‡	‡	‡
Engineering						
Total	‡	‡	‡	‡	‡	‡
Years of experience on current job						
20 years or less	‡	‡	‡	‡	‡	‡
More than 20	‡	‡	‡	‡	‡	‡
Age						
Under 65	‡	‡	‡	‡	‡	‡
65 or older	‡	‡	‡	‡	‡	‡
Mathematics						
Total	5.3	3.6	74.0	89.9	26.0	10.1
Years of experience on current job						
20 years or less	5.1	3.5	74.2	89.7	25.8	10.3
More than 20	‡	‡	‡	‡	‡	‡
Age						
Under 65	5.0	3.6	72.0	89.9	28.0	10.1
65 or older	‡	‡	‡	‡	‡	‡
Medicine						
Total	‡	5.4	‡	71.9	‡	28.1
Years of experience on current job						
20 years or less	‡	5.3	‡	71.5	‡	28.5
More than 20	‡	‡	‡	‡	‡	‡
Age						
Under 65	‡	5.3	‡	71.1	‡	28.9
65 or older	‡	‡	‡	‡	‡	‡

Filters

2000 Carnegie code by control = Public associates

Employed full or part time at this institution = Part time

‡ Reporting standards not met; insufficient number of cases.

For the purposes of this table, "STEMM*" classification includes teaching fields that are consistent with a less-strict definition of "STEMM," encompassing more fields typically found at two-year colleges.

Science fields include Agricultural, animal, food and plant sciences; Renewable natural resources; Other agriculture; Biochemistry; Biology; Botany; Genetics; Immunology; Microbiology; Physiology; Zoology; Biological sciences, other; Astronomy; Chemistry; Physics; Earth atmosphere and oceanographic; Physical sciences, other; Psychology; Social sciences, general; Anthropology; Archeology; Area and ethnic studies; Demography; Economics; Geography; History; International relations; Political science and government; Sociology; and Other social sciences.

Technology fields include Computer and information sciences; Other computer science; Engineering-related technologies; and Science technologies.

Engineering fields include Architecture and environmental design; Engineering, general; Civil engineering; Electrical and communication engineering; Mechanical engineering; Chemical engineering; and Other engineering.

Mathematics fields include Mathematics/Statistics.

Medicine fields include Dentistry; Medicine, including psychiatry; Nursing; Pharmacy; Public health; Veterinary medicine; and Other health sciences.

Source: U.S. Department of Education, National Center for Education Statistics, 1998–99 National Study of Postsecondary Faculty (NSOPF:99).

Number and percentage distribution of part-time instructional faculty and staff in STEM² fields at public 2-year colleges who have held a previous faculty or instructional staff position, by whether the respondent was employed full time or part time at his/her most recent such position and for selected characteristics: 1999

Selected characteristics	Instructional faculty and staff (1,000s)		Employment status at most recent higher education job			
			Full time %		Part time %	
	Male	Female	Male	Female	Male	Female
Science						
Total	8.4	4.8	19.3	17.2	80.7	82.8
Years of experience on current job						
20 years or less	8.0	4.8	18.2	17.2	81.8	82.8
More than 20	‡		‡	‡	‡	‡
Age						
Under 65	7.3	4.6	14.9	16.4	85.1	83.6
65 or older	‡	‡	‡	‡	‡	‡
Technology						
Total	‡	‡	‡	‡	‡	‡
Years of experience on current job						
20 years or less	‡	‡	‡	‡	‡	‡
More than 20	‡	‡	‡	‡	‡	‡
Age						
Under 65	‡	‡	‡	‡	‡	‡
65 or older	‡	‡	‡	‡	‡	‡
Engineering						
Total	‡	‡	‡	‡	‡	‡
Years of experience on current job						
20 years or less	‡	‡	‡	‡	‡	‡
More than 20	‡	‡	‡	‡	‡	‡
Age						
Under 65	‡	‡	‡	‡	‡	‡
65 or older	‡	‡	‡	‡	‡	‡
Mathematics						
Total	2.6	‡	9.4	‡	90.6	‡
Years of experience on current job						
20 years or less	2.5	‡	8.6	‡	91.4	‡
More than 20	‡	‡	‡	‡	‡	‡
Age						
Under 65	‡	‡	‡	‡	‡	‡
65 or older	‡	‡	‡	‡	‡	‡
Medicine						
Total	‡	3.1	‡	12.3	‡	87.7
Years of experience on current job						
20 years or less	‡	‡	‡	‡	‡	‡
More than 20	‡	‡	‡	‡	‡	‡
Age						
Under 65	‡	‡	‡	‡	‡	‡
65 or older	‡	‡	‡	‡	‡	‡

Filters

2000 Carnegie code by control = Public associates

Employed full or part time at this institution = Part time

‡ Reporting standards not met; insufficient number of cases.

For the purposes of this table, "STEM²" classification includes teaching fields that are consistent with a less-strict definition of "STEMM," encompassing more fields typically found at two-year colleges.

Science fields include Agricultural, animal, food and plant sciences; Renewable natural resources; Other agriculture; Biochemistry; Biology; Botany; Genetics; Immunology; Microbiology; Physiology; Zoology; Biological sciences, other; Astronomy; Chemistry; Physics; Earth atmosphere and oceanographic; Physical sciences, other; Psychology; Social sciences, general; Anthropology; Archeology; Area and ethnic studies; Demography; Economics; Geography; History; International relations; Political science and government; Sociology; and Other social sciences.

Technology fields include Computer and information sciences; Other computer science; Engineering-related technologies; and Science technologies.

Engineering fields include Architecture and environmental design; Engineering, general; Civil engineering; Electrical and communication engineering; Mechanical engineering; Chemical engineering; and Other engineering.

Mathematics fields include Mathematics/Statistics.

Medicine fields include Dentistry; Medicine, including psychiatry; Nursing; Pharmacy; Public health; Veterinary medicine; and Other health sciences.

Source: U.S. Department of Education, National Center for Education Statistics, 1998–99 National Study of Postsecondary Faculty (NSOPF:99).

Number and percentage distribution of part-time instructional faculty and staff in STEMM* fields at public 2-year colleges, by the employment sector of the previous job held, by gender and for selected characteristics: 1999

Selected characteristics	Instructional faculty and staff (1,000s)		Other jobs, sector of previous job									
			4- or 2-year postsecondary institution %		Other educational institution %		Hospital, foundation, or government %		For-profit business/industry %		Other %	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Science												
Total	13.6	9.1	85.7	88.8	1.4	3.5	7.6	2.0	2.8	1.6	2.5	4.0
Years of experience on current job												
20 years or less	12.4	9.1	87.0	88.8	1.6	3.5	5.8	2.0	3.1	1.6	2.6	4.1
More than 20	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡
Age												
Under 65	12.8	8.8	85.0	88.5	1.5	3.6	8.0	2.1	3.0	1.7	2.5	4.2
65 or older	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡
Technology												
Total	6.7	4.1	62.5	80.1	4.5	3.7	10.8	3.6	21.1	10.7	1.2	1.8
Years of experience on current job												
20 years or less	6.6	4.1	62.0	80.1	4.5	3.7	11.0	3.6	21.3	10.7	1.2	1.8
More than 20	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡
Age												
Under 65	6.2	4.1	60.9	80.1	3.6	3.7	11.6	3.6	22.6	10.7	1.3	1.8
65 or older	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡
Engineering												
Total	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡
Years of experience on current job												
20 years or less	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡
More than 20	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡
Age												
Under 65	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡
65 or older	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡
Mathematics												
Total	7.4	5.1	85.8	80.8	4.3	0.0	1.1	0.0	2.5	1.5	6.2	17.7
Years of experience on current job												
20 years or less	7.0	5.0	87.4	82.0	4.6	0.0	1.1	0.0	2.6	1.5	4.3	16.5
More than 20	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡
Age												
Under 65	6.8	5.0	84.6	80.5	4.7	0.0	1.2	0.0	2.7	1.5	6.8	18.0
65 or older	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡
Medicine												
Total	‡	7.5	‡	79.3	‡	3.2	‡	10.3	‡	0.3	‡	6.9
Years of experience on current job												
20 years or less	‡	7.5	‡	79.0	‡	3.3	‡	10.4	‡	0.3	‡	7.0
More than 20	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡
Age												
Under 65	‡	7.3	‡	79.5	‡	2.4	‡	10.7	‡	0.3	‡	7.1
65 or older	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡

Filters
 2000 Carnegie code by control = Public associates
 Employed full or part time at this institution = Part time
 ‡ Reporting standards not met; insufficient number of cases.

For the purposes of this table, "STEMM" classification includes teaching fields that are consistent with a less-strict definition of "STEMM," encompassing more fields typically found at two-year colleges.
Science fields include Agricultural, animal, food and plant sciences; Renewable natural resources; Other agriculture; Biochemistry; Biology; Botany; Genetics; Immunology; Microbiology; Physiology; Zoology; Biological sciences, other; Astronomy; Chemistry; Physics; Earth atmosphere and oceanographic; Physical sciences, other; Psychology; Social sciences, general; Anthropology; Archeology; Area and ethnic studies; Demography; Economics; Geography; History; International relations; Political science and government; Sociology; and Other social sciences.
Technology fields include Computer and information sciences; Other computer science; Engineering-related technologies; and Science technologies.
Engineering fields include Architecture and environmental design; Engineering, general; Civil engineering; Electrical and communication engineering; Mechanical engineering; Chemical engineering; and Other engineering.
Mathematics fields include Mathematics/Statistics.
Medicine fields include Dentistry; Medicine, including psychiatry; Nursing; Pharmacy; Public health; Veterinary medicine; and Other health sciences.

Source: U.S. Department of Education, National Center for Education Statistics, 1998-99 National Study of Postsecondary Faculty (NSOPF:99).

Number and percentage distribution of part-time instructional faculty and staff in STEM2* fields at public 2-year colleges who had employment outside their colleges, by the employment status of the other current job, by gender and for selected characteristics: 1999

Selected characteristics	Instructional faculty and staff (1,000s)		Employment status of other current job			
	Male	Female	Full-time %		Part-time %	
			Male	Female	Male	Female
Science						
Total	13.3	9.0	20.5	11.0	79.5	89.0
Years of experience on current job						
20 years or less	12.0	8.9	17.8	11.0	82.2	89.0
More than 20	‡	‡	‡	‡	‡	‡
Age						
Under 65	12.5	8.7	17.9	11.3	82.1	88.7
65 or older	‡	‡	‡	‡	‡	‡
Technology						
Total	6.7	4.0	29.0	22.9	71.0	77.1
Years of experience on current job						
20 years or less	6.6	4.0	29.3	22.9	70.7	77.1
More than 20	‡	‡	‡	‡	‡	‡
Age						
Under 65	6.2	4.0	29.9	22.9	70.1	77.1
65 or older	‡	‡	‡	‡	‡	‡
Engineering						
Total	‡	‡	‡	‡	‡	‡
Years of experience on current job						
20 years or less	‡	‡	‡	‡	‡	‡
More than 20	‡	‡	‡	‡	‡	‡
Age						
Under 65	‡	‡	‡	‡	‡	‡
65 or older	‡	‡	‡	‡	‡	‡
Mathematics						
Total	7.1	4.5	9.3	17.0	90.7	83.0
Years of experience on current job						
20 years or less	6.8	4.5	7.2	15.6	92.8	84.4
More than 20	‡	‡	‡	‡	‡	‡
Age						
Under 65	6.5	4.5	9.7	17.3	90.3	82.7
65 or older	‡	‡	‡	‡	‡	‡
Medicine						
Total	‡	7.5	‡	21.1	‡	78.9
Years of experience on current job						
20 years or less	‡	7.5	‡	20.2	‡	79.8
More than 20	‡	‡	‡	‡	‡	‡
Age						
Under 65	‡	7.3	‡	20.8	‡	79.2
65 or older	‡	‡	‡	‡	‡	‡

Filters

2000 Carnegie code by control = Public associates

Employed full or part time at this institution = Part time

‡ Reporting standards not met; insufficient number of cases.

For the purposes of this table, "STEM2*" classification includes teaching fields that are consistent with a less-strict definition of "STEMM," encompassing more fields typically found at two-year colleges.

Science fields include Agricultural, animal, food and plant sciences; Renewable natural resources; Other agriculture; Biochemistry; Biology; Botany; Genetics; Immunology; Microbiology; Physiology; Zoology; Biological sciences, other; Astronomy; Chemistry; Physics; Earth atmosphere and oceanographic; Physical sciences, other; Psychology; Social sciences, general; Anthropology; Archeology; Area and ethnic studies; Demography; Economics; Geography; History; International relations; Political science and government; Sociology; and Other social sciences.

Technology fields include Computer and information sciences; Other computer science; Engineering-related technologies; and Science technologies.

Engineering fields include Architecture and environmental design; Engineering, general; Civil engineering; Electrical and communication engineering; Mechanical engineering; Chemical engineering; and Other engineering.

Mathematics fields include Mathematics/Statistics.

Medicine fields include Dentistry; Medicine, including psychiatry; Nursing; Pharmacy; Public health; Veterinary medicine; and Other health sciences.

Source: U.S. Department of Education, National Center for Education Statistics, 1998-99 National Study of Postsecondary Faculty (NSOPF:99).

Average number of hours worked per week by part-time instructional faculty and staff in STEM2* fields at public 2-year colleges, by gender and selected characteristics: 1999

Selected characteristics	Instructional faculty and staff (1,000s)		Average total hours per week worked (Avg>0)	
	Male	Female	Male	Female
Science				
Total	18.2	11.1	40.4	32.4
Years of experience on current job				
20 years or less	16.7	11.0	40.7	32.5
More than 20	‡	‡	‡	‡
Age				
Under 65	16.7	10.6	41.4	32.2
65 or older	‡	‡	‡	‡
Technology				
Total	7.6	4.8	36.5	42.1
Years of experience on current job				
20 years or less	7.6	4.8	36.5	42.1
More than 20	‡	‡	‡	‡
Age				
Under 65	7.1	4.8	37.9	42.1
65 or older	‡	‡	‡	‡
Engineering				
Total	‡	‡	‡	‡
Years of experience on current job				
20 years or less	‡	‡	‡	‡
More than 20	‡	‡	‡	‡
Age				
Under 65	‡	‡	‡	‡
65 or older	‡	‡	‡	‡
Mathematics				
Total	9.1	6.2	27.8	34.5
Years of experience on current job				
20 years or less	8.7	6.2	27.7	34.5
More than 20	‡	‡	‡	‡
Age				
Under 65	7.9	6.2	29.6	34.8
65 or older	‡	‡	‡	‡
Medicine				
Total	‡	8.8	‡	32.4
Years of experience on current job				
20 years or less	‡	8.6	‡	32.2
More than 20	‡	‡	‡	‡
Age				
Under 65	‡	8.5	‡	32.5
65 or older	‡	‡	‡	‡

Filters

2000 Carnegie code by control = Public associates

Employed full or part time at this institution = Part time

‡ Reporting standards not met; insufficient number of cases.

For the purposes of this table, "STEM2*" classification includes teaching fields that are consistent with a less-strict definition of "STEMM," encompassing more fields typically found at two-year colleges.

Science fields include Agricultural, animal, food and plant sciences; Renewable natural resources; Other agriculture; Biochemistry; Biology; Botany; Genetics; Immunology; Microbiology; Physiology; Zoology; Biological sciences, other; Astronomy; Chemistry; Physics; Earth atmosphere and oceanographic; Physical sciences, other; Psychology; Social sciences, general; Anthropology; Archeology; Area and ethnic studies; Demography; Economics; Geography; History; International relations; Political science and government; Sociology; and Other social sciences.

Technology fields include Computer and information sciences; Other computer science; Engineering-related technologies; and Science technologies.

Engineering fields include Architecture and environmental design; Engineering, general; Civil engineering; Electrical and communication engineering; Mechanical engineering; Chemical engineering; and Other engineering.

Mathematics fields include Mathematics/Statistics.

Medicine fields include Dentistry; Medicine, including psychiatry; Nursing; Pharmacy; Public health; Veterinary medicine; and Other health sciences.

Source: U.S. Department of Education, National Center for Education Statistics, 1998-99 National Study of Postsecondary Faculty (NSOPF:99).

Average number of hours per week devoted to paid activities at institution by part-time instructional faculty and staff in STEM2* fields at public 2-year colleges, by gender and selected characteristics: 1999

Selected characteristics	Instructional faculty and staff (1,000s)		Hours per week on paid tasks at institution (Avg>0)	
	Male	Female	Male	Female
Science				
Total	18.1	11.1	15.2	12.2
Years of experience on current job				
20 years or less	16.5	11.0	14.9	12.2
More than 20	‡	‡	‡	‡
Age				
Under 65	16.5	10.6	14.7	12.1
65 or older	‡	‡	‡	‡
Technology				
Total	7.6	4.8	11.8	11.2
Years of experience on current job				
20 years or less	7.6	4.8	11.9	11.2
More than 20	‡	‡	‡	‡
Age				
Under 65	7.1	4.8	12.2	11.2
65 or older	‡	‡	‡	‡
Engineering				
Total	‡	‡	‡	‡
Years of experience on current job				
20 years or less	‡	‡	‡	‡
More than 20	‡	‡	‡	‡
Age				
Under 65	‡	‡	‡	‡
65 or older	‡	‡	‡	‡
Mathematics				
Total	9.1	6.0	9.0	12.7
Years of experience on current job				
20 years or less	8.7	6.0	8.9	12.7
More than 20	‡	‡	‡	‡
Age				
Under 65	7.9	6.0	8.9	12.7
65 or older	‡	‡	‡	‡
Medicine				
Total	‡	8.8	‡	15.5
Years of experience on current job				
20 years or less	‡	8.6	‡	15.0
More than 20	‡	‡	‡	‡
Age				
Under 65	‡	8.5	‡	15.6
65 or older	‡	‡	‡	‡

Filters

2000 Carnegie code by control = Public associates

Employed full or part time at this institution = Part time

‡ Reporting standards not met; insufficient number of cases.

For the purposes of this table, "STEM2" classification includes teaching fields that are consistent with a less-strict definition of "STEMM," encompassing more fields typically found at two-year colleges.

Science fields include Agricultural, animal, food and plant sciences; Renewable natural resources; Other agriculture; Biochemistry; Biology; Botany; Genetics; Immunology; Microbiology; Physiology; Zoology; Biological sciences, other; Astronomy; Chemistry; Physics; Earth atmosphere and oceanographic; Physical sciences, other; Psychology; Social sciences, general; Anthropology; Archeology; Area and ethnic studies; Demography; Economics; Geography; History; International relations; Political science and government; Sociology; and Other social sciences.

Technology fields include Computer and information sciences; Other computer science; Engineering-related technologies; and Science technologies.

Engineering fields include Architecture and environmental design; Engineering, general; Civil engineering; Electrical and communication engineering; Mechanical engineering; Chemical engineering; and Other engineering.

Mathematics fields include Mathematics/Statistics.

Medicine fields include Dentistry; Medicine, including psychiatry; Nursing; Pharmacy; Public health; Veterinary medicine; and Other health sciences.

Source: U.S. Department of Education, National Center for Education Statistics, 1998-99 National Study of Postsecondary Faculty (NSOPF:99).

Average number of hours per week worked in paid activities outside of the college by part-time instructional faculty and staff in STEMM** fields at public 2-year colleges, by gender and selected characteristics: 1999

Selected characteristics	Instructional faculty and staff (1,000s)		Hours per week on paid tasks outside of institution (Avg)	
	Male	Female	Male	Female
Science				
Total	10.4	5.5	36.3	30.6
Years of experience on current job				
20 years or less	10.0	5.5	35.7	30.6
More than 20	‡		‡	‡
Age				
Under 65	10.1	5.2	36.7	30.5
65 or older	‡	‡	‡	‡
Technology				
Total	4.9	3.9	32.4	32.4
Years of experience on current job				
20 years or less	4.9	3.9	32.7	32.4
More than 20	‡		‡	‡
Age				
Under 65	4.7	3.9	33.3	32.4
65 or older	‡		‡	‡
Engineering				
Total	‡	‡	‡	‡
Years of experience on current job				
20 years or less	‡	‡	‡	‡
More than 20	‡	‡	‡	‡
Age				
Under 65	‡	‡	‡	‡
65 or older	‡	‡	‡	‡
Mathematics				
Total	4.3	3.1	34.2	36.1
Years of experience on current job				
20 years or less	4.1	‡	34.2	‡
More than 20	‡	‡	‡	‡
Age				
Under 65	4.0	3.1	35.0	36.1
65 or older	‡	‡	‡	‡
Medicine				
Total	‡	4.2	‡	25.6
Years of experience on current job				
20 years or less	‡	4.2	‡	25.6
More than 20	‡	‡	‡	‡
Age				
Under 65	‡	4.1	‡	25.5
65 or older	‡	‡	‡	‡

Filters

2000 Carnegie code by control = Public associates

Employed full or part time at this institution = Part time

‡ Reporting standards not met; insufficient number of cases.

For the purposes of this table, "STEMM*" classification includes teaching fields that are consistent with a less-strict definition of "STEMM," encompassing more fields typically found at two-year colleges.

Science fields include Agricultural, animal, food and plant sciences; Renewable natural resources; Other agriculture; Biochemistry; Biology; Botany; Genetics; Immunology; Microbiology; Physiology; Zoology; Biological sciences, other; Astronomy; Chemistry; Physics; Earth atmosphere and oceanographic; Physical sciences, other; Psychology; Social sciences, general; Anthropology; Archeology; Area and ethnic studies; Demography; Economics; Geography; History; International relations; Political science and government; Sociology; and Other social sciences.

Technology fields include Computer and information sciences; Other computer science; Engineering-related technologies; and Science technologies.

Engineering fields include Architecture and environmental design; Engineering, general; Civil engineering; Electrical and communication engineering; Mechanical engineering; Chemical engineering; and Other engineering.

Mathematics fields include Mathematics/Statistics.

Medicine fields include Dentistry; Medicine, including psychiatry; Nursing; Pharmacy; Public health; Veterinary medicine; and Other health sciences.

Source: U.S. Department of Education, National Center for Education Statistics, 1998-99 National Study of Postsecondary Faculty (NSOPF:99).

Average number of classes (credit and non-credit) taught by part-time instructional faculty and staff in STEM^{2*} fields at public 2-year colleges, by gender and selected characteristics: 1999

Selected characteristics	Instructional faculty and staff (1,000s)		Total number of classes taught (for credit and not for credit) (Avg)	
	Male	Female	Male	Female
Science				
Total	17.6	11.0	3.0	2.5
Years of experience on current job				
20 years or less	16.1	10.9	2.9	2.5
More than 20	‡	‡	‡	‡
Age				
Under 65	16.1	10.6	2.9	2.4
65 or older	‡	‡	‡	‡
Technology				
Total	7.1	4.8	3.1	2.9
Years of experience on current job				
20 years or less	7.0	4.8	3.1	2.9
More than 20	‡	‡	‡	‡
Age				
Under 65	6.6	4.8	3.2	2.9
65 or older	‡	‡	‡	‡
Engineering				
Total	‡	‡	‡	‡
Years of experience on current job				
20 years or less	‡	‡	‡	‡
More than 20	‡	‡	‡	‡
Age				
Under 65	‡	‡	‡	‡
65 or older	‡	‡	‡	‡
Mathematics				
Total	8.9	6.1	3.1	2.3
Years of experience on current job				
20 years or less	8.5	6.1	3.1	2.2
More than 20	‡	‡	‡	‡
Age				
Under 65	7.8	6.1	3.2	2.2
65 or older	‡	‡	‡	‡
Medicine				
Total	‡	7.3	‡	3.0
Years of experience on current job				
20 years or less	‡	7.2	‡	3.0
More than 20	‡	‡	‡	‡
Age				
Under 65	‡	7.2	‡	3.0
65 or older	‡	‡	‡	‡

Filters

2000 Carnegie code by control = Public associates

Employed full or part time at this institution = Part time

‡ Reporting standards not met; insufficient number of cases.

For the purposes of this table, "STEM²" classification includes teaching fields that are consistent with a less-strict definition of "STEM," encompassing more fields typically found at two-year colleges.

Science fields include Agricultural, animal, food and plant sciences; Renewable natural resources; Other agriculture; Biochemistry; Biology; Botany; Genetics; Immunology; Microbiology; Physiology; Zoology; Biological sciences, other; Astronomy; Chemistry; Physics; Earth atmosphere and oceanographic; Physical sciences, other; Psychology; Social sciences, general; Anthropology; Archeology; Area and ethnic studies; Demography; Economics; Geography; History; International relations; Political science and government; Sociology; and Other social sciences.

Technology fields include Computer and information sciences; Other computer science; Engineering-related technologies; and Science technologies.

Engineering fields include Architecture and environmental design; Engineering, general; Civil engineering; Electrical and communication engineering; Mechanical engineering; Chemical engineering; and Other engineering.

Mathematics fields include Mathematics/Statistics.

Medicine fields include Dentistry; Medicine, including psychiatry; Nursing; Pharmacy; Public health; Veterinary medicine; and Other health sciences.

Source: U.S. Department of Education, National Center for Education Statistics, 1998–99 National Study of Postsecondary Faculty (NSOPF:99).

Average number of total classroom credit hours taught by part-time instructional faculty and staff in STEMM^{2*} fields at public 2-year colleges, by gender and selected characteristics: 1999

Selected characteristics	Instructional faculty and staff (1,000s)		Total classroom credit hours in classes (Avg)	
	Male	Female	Male	Female
Science				
Total	17.5	10.8	8.6	8.2
Years of experience on current job				
20 years or less	16.0	10.8	8.6	8.3
More than 20	‡	‡	‡	‡
Age				
Under 65	16.0	10.4	8.7	8.3
65 or older	‡	‡	‡	‡
Technology				
Total	7.1	4.3	9.0	11.2
Years of experience on current job				
20 years or less	7.0	4.3	9.0	11.2
More than 20	‡	‡	‡	‡
Age				
Under 65	6.6	4.3	9.3	11.2
65 or older	‡	‡	‡	‡
Engineering				
Total	‡	‡	‡	‡
Years of experience on current job				
20 years or less	‡	‡	‡	‡
More than 20	‡	‡	‡	‡
Age				
Under 65	‡	‡	‡	‡
65 or older	‡	‡	‡	‡
Mathematics				
Total	8.0	6.0	11.2	6.0
Years of experience on current job				
20 years or less	7.6	5.9	11.5	6.0
More than 20	‡	‡	‡	‡
Age				
Under 65	6.8	5.9	9.3	5.9
65 or older	‡	‡	‡	‡
Medicine				
Total	‡	7.2	‡	7.3
Years of experience on current job				
20 years or less	‡	7.1	‡	7.2
More than 20	‡	‡	‡	‡
Age				
Under 65	‡	7.0	‡	7.2
65 or older	‡	‡	‡	‡

Filters

2000 Carnegie code by control = Public associates

Employed full or part time at this institution = Part time

‡ Reporting standards not met; insufficient number of cases.

For the purposes of this table, "STEMM²" classification includes teaching fields that are consistent with a less-strict definition of "STEMM," encompassing more fields typically found at two-year colleges.

Science fields include Agricultural, animal, food and plant sciences; Renewable natural resources; Other agriculture; Biochemistry; Biology; Botany; Genetics; Immunology; Microbiology; Physiology; Zoology; Biological sciences, other; Astronomy; Chemistry; Physics; Earth atmosphere and oceanographic; Physical sciences, other; Psychology; Social sciences, general; Anthropology; Archeology; Area and ethnic studies; Demography; Economics; Geography; History; International relations; Political science and government; Sociology; and Other social sciences.

Technology fields include Computer and information sciences; Other computer science; Engineering-related technologies; and Science technologies.

Engineering fields include Architecture and environmental design; Engineering, general; Civil engineering; Electrical and communication engineering; Mechanical engineering; Chemical engineering; and Other engineering.

Mathematics fields include Mathematics/Statistics.

Medicine fields include Dentistry; Medicine, including psychiatry; Nursing; Pharmacy; Public health; Veterinary medicine; and Other health sciences.

Source: U.S. Department of Education, National Center for Education Statistics, 1998–99 National Study of Postsecondary Faculty (NSOPF:99).

Average number of hours per week part-time instructional faculty and staff in STEM2* fields at public 2-year colleges spent teaching credit classes, by gender and selected characteristics: 1999

Selected characteristics	Instructional faculty and staff (1,000s)		Total hours per week teaching credit classes (Avg)	
	Male	Female	Male	Female
Science				
Total	17.6	10.9	8.5	7.1
Years of experience on current job				
20 years or less	16.1	10.9	8.4	7.1
More than 20	‡	‡	‡	‡
Age				
Under 65	16.1	10.5	8.5	7.1
65 or older	‡	‡	‡	‡
Technology				
Total	7.1	4.3	8.9	7.3
Years of experience on current job				
20 years or less	7.0	4.3	8.6	7.3
More than 20	‡	‡	‡	‡
Age				
Under 65	6.6	4.3	8.8	7.3
65 or older	‡	‡	‡	‡
Engineering				
Total	‡	‡	‡	‡
Years of experience on current job				
20 years or less	‡	‡	‡	‡
More than 20	‡	‡	‡	‡
Age				
Under 65	‡	‡	‡	‡
65 or older	‡	‡	‡	‡
Mathematics				
Total	8.0	6.0	7.7	6.7
Years of experience on current job				
20 years or less	7.6	5.9	7.9	6.7
More than 20	‡	‡	‡	‡
Age				
Under 65	6.8	5.9	7.9	6.6
65 or older	‡	‡	‡	‡
Medicine				
Total	‡	7.2	‡	12.1
Years of experience on current job				
20 years or less	‡	7.1	‡	12.1
More than 20	‡	‡	‡	‡
Age				
Under 65	‡	7.0	‡	11.6
65 or older	‡	‡	‡	‡

Filters

2000 Carnegie code by control = Public associates

Employed full or part time at this institution = Part time

‡ Reporting standards not met; insufficient number of cases.

For the purposes of this table, "STEM2" classification includes teaching fields that are consistent with a less-strict definition of "STEM," encompassing more fields typically found at two-year colleges.

Science fields include Agricultural, animal, food and plant sciences; Renewable natural resources; Other agriculture; Biochemistry; Biology; Botany; Genetics; Immunology; Microbiology; Physiology; Zoology; Biological sciences, other; Astronomy; Chemistry; Physics; Earth atmosphere and oceanographic; Physical sciences, other; Psychology; Social sciences, general; Anthropology; Archeology; Area and ethnic studies; Demography; Economics; Geography; History; International relations; Political science and government; Sociology; and Other social sciences.

Technology fields include Computer and information sciences; Other computer science; Engineering-related technologies; and Science technologies.

Engineering fields include Architecture and environmental design; Engineering, general; Civil engineering; Electrical and communication engineering; Mechanical engineering; Chemical engineering; and Other engineering.

Mathematics fields include Mathematics/Statistics.

Medicine fields include Dentistry; Medicine, including psychiatry; Nursing; Pharmacy; Public health; Veterinary medicine; and Other health sciences.

Source: U.S. Department of Education, National Center for Education Statistics, 1998-99 National Study of Postsecondary Faculty (NSOPF:99).

Average number of students taught in credit classes by part-time instructional faculty and staff in STEMM^{2*} fields at public 2-year colleges, by gender and selected characteristics: 1999

Selected characteristics	Instructional faculty and staff (1,000s)		Total students taught in credit classes (Avg)	
	Male	Female	Male	Female
Science				
Total	17.6	10.9	58.4	51.9
Years of experience on current job				
20 years or less	16.1	10.9	53.4	52.0
More than 20	‡	‡	‡	‡
Age				
Under 65	16.1	10.5	57.1	51.5
65 or older	‡	‡	‡	‡
Technology				
Total	7.1	4.3	51.4	43.1
Years of experience on current job				
20 years or less	7.0	4.3	51.7	43.1
More than 20	‡	‡	‡	‡
Age				
Under 65	6.6	4.3	51.1	43.1
65 or older	‡	‡	‡	‡
Engineering				
Total	‡	‡	‡	‡
Years of experience on current job				
20 years or less	‡	‡	‡	‡
More than 20	‡	‡	‡	‡
Age				
Under 65	‡	‡	‡	‡
65 or older	‡	‡	‡	‡
Mathematics				
Total	8.0	6.0	57.6	50.5
Years of experience on current job				
20 years or less	7.6	5.9	58.3	50.5
More than 20	‡	‡	‡	‡
Age				
Under 65	6.8	5.9	59.7	49.9
65 or older	‡	‡	‡	‡
Medicine				
Total	‡	7.2	‡	46.5
Years of experience on current job				
20 years or less	‡	7.1	‡	45.9
More than 20	‡	‡	‡	‡
Age				
Under 65	‡	7.0	‡	46.5
65 or older	‡	‡	‡	‡

Filters

2000 Carnegie code by control = Public associates

Employed full or part time at this institution = Part time

‡ Reporting standards not met; insufficient number of cases.

For the purposes of this table, "STEMM²" classification includes teaching fields that are consistent with a less-strict definition of "STEMM," encompassing more fields typically found at two-year colleges.

Science fields include Agricultural, animal, food and plant sciences; Renewable natural resources; Other agriculture; Biochemistry; Biology; Botany; Genetics; Immunology; Microbiology; Physiology; Zoology; Biological sciences, other; Astronomy; Chemistry; Physics; Earth atmosphere and oceanographic; Physical sciences, other; Psychology; Social sciences, general; Anthropology; Archeology; Area and ethnic studies; Demography; Economics; Geography; History; International relations; Political science and government; Sociology; and Other social sciences.

Technology fields include Computer and information sciences; Other computer science; Engineering-related technologies; and Science technologies.

Engineering fields include Architecture and environmental design; Engineering, general; Civil engineering; Electrical and communication engineering; Mechanical engineering; Chemical engineering; and Other engineering.

Mathematics fields include Mathematics/Statistics.

Medicine fields include Dentistry; Medicine, including psychiatry; Nursing; Pharmacy; Public health; Veterinary medicine; and Other health sciences.

Source: U.S. Department of Education, National Center for Education Statistics, 1998–99 National Study of Postsecondary Faculty (NSOPF:99).

Average number of total student contact hours per week in credit classes for part-time instructional faculty and staff in STEM^{2*} fields at public 2-year colleges, by gender and selected characteristics: 1999

Selected characteristics	Instructional faculty and staff (1,000s)		Total student contact hours per week in credit classes (Avg)	
	Male	Female	Male	Female
Science				
Total	17.6	10.9	215.9	171.4
Years of experience on current job				
20 years or less	16.1	10.9	203.8	171.8
More than 20	‡	‡	‡	‡
Age				
Under 65	16.1	10.5	213.3	171.0
65 or older	‡	‡	‡	‡
Technology				
Total	7.1	4.3	200.3	133.2
Years of experience on current job				
20 years or less	7.0	4.3	198.3	133.2
More than 20	‡	‡	‡	‡
Age				
Under 65	6.6	4.3	196.6	133.2
65 or older	‡	‡	‡	‡
Engineering				
Total	‡	‡	‡	‡
Years of experience on current job				
20 years or less	‡	‡	‡	‡
More than 20	‡	‡	‡	‡
Age				
Under 65	‡	‡	‡	‡
65 or older	‡	‡	‡	‡
Mathematics				
Total	8.0	6.0	224.4	190.2
Years of experience on current job				
20 years or less	7.6	5.9	227.4	190.7
More than 20	‡	‡	‡	‡
Age				
Under 65	6.8	5.9	229.6	188.9
65 or older	‡	‡	‡	‡
Medicine				
Total	‡	7.2	‡	226.9
Years of experience on current job				
20 years or less	‡	7.1	‡	225.8
More than 20	‡	‡	‡	‡
Age				
Under 65	‡	7.0	‡	221.1
65 or older	‡	‡	‡	‡

Filters

2000 Carnegie code by control = Public associates

Employed full or part time at this institution = Part time

‡ Reporting standards not met; insufficient number of cases.

For the purposes of this table, "STEM²" classification includes teaching fields that are consistent with a less-strict definition of "STEM," encompassing more fields typically found at two-year colleges.

Science fields include Agricultural, animal, food and plant sciences; Renewable natural resources; Other agriculture; Biochemistry; Biology; Botany; Genetics; Immunology; Microbiology; Physiology; Zoology; Biological sciences, other; Astronomy; Chemistry; Physics; Earth atmosphere and oceanographic; Physical sciences, other; Psychology; Social sciences, general; Anthropology; Archeology; Area and ethnic studies; Demography; Economics; Geography; History; International relations; Political science and government; Sociology; and Other social sciences.

Technology fields include Computer and information sciences; Other computer science; Engineering-related technologies; and Science technologies.

Engineering fields include Architecture and environmental design; Engineering, general; Civil engineering; Electrical and communication engineering; Mechanical engineering; Chemical engineering; and Other engineering.

Mathematics fields include Mathematics/Statistics.

Medicine fields include Dentistry; Medicine, including psychiatry; Nursing; Pharmacy; Public health; Veterinary medicine; and Other health sciences.

Source: U.S. Department of Education, National Center for Education Statistics, 1998–99 National Study of Postsecondary Faculty (NSOPF:99).

Average number of total student credit hours generated by part-time instructional faculty and staff in STEM2* fields at public 2-year colleges, by gender and selected characteristics: 1999

Selected characteristics	Instructional faculty and staff (1,000s)		Total student credit hours in classes (Avg)	
	Male	Female	Male	Female
Science				
Total	17.5	10.8	219.5	220.4
Years of experience on current job				
20 years or less	16.0	10.8	208.9	221.1
More than 20	‡	‡	‡	‡
Age				
Under 65	16.0	10.4	218.7	221.9
65 or older	‡	‡	‡	‡
Technology				
Total	7.1	4.3	210.6	276.4
Years of experience on current job				
20 years or less	7.0	4.3	212.6	276.4
More than 20	‡	‡	‡	‡
Age				
Under 65	6.6	4.3	216.7	276.4
65 or older	‡	‡	‡	‡
Engineering				
Total	‡	‡	‡	‡
Years of experience on current job				
20 years or less	‡	‡	‡	‡
More than 20	‡	‡	‡	‡
Age				
Under 65	‡	‡	‡	‡
65 or older	‡	‡	‡	‡
Mathematics				
Total	8.0	6.0	375.9	164.5
Years of experience on current job				
20 years or less	7.6	5.9	387.8	165.3
More than 20	‡	‡	‡	‡
Age				
Under 65	6.8	5.9	285.6	162.9
65 or older	‡	‡	‡	‡
Medicine				
Total	‡	7.2	‡	160.3
Years of experience on current job				
20 years or less	‡	7.1	‡	157.3
More than 20	‡	‡	‡	‡
Age				
Under 65	‡	7.0	‡	160.2
65 or older	‡	‡	‡	‡

Filters

2000 Carnegie code by control = Public associates

Employed full or part time at this institution = Part time

‡ Reporting standards not met; insufficient number of cases.

For the purposes of this table, "STEM2*" classification includes teaching fields that are consistent with a less-strict definition of "STEMM," encompassing more fields typically found at two-year colleges.

Science fields include Agricultural, animal, food and plant sciences; Renewable natural resources; Other agriculture; Biochemistry; Biology; Botany; Genetics; Immunology; Microbiology; Physiology; Zoology; Biological sciences, other; Astronomy; Chemistry; Physics; Earth atmosphere and oceanographic; Physical sciences, other; Psychology; Social sciences, general; Anthropology; Archeology; Area and ethnic studies; Demography; Economics; Geography; History; International relations; Political science and government; Sociology; and Other social sciences.

Technology fields include Computer and information sciences; Other computer science; Engineering-related technologies; and Science technologies.

Engineering fields include Architecture and environmental design; Engineering, general; Civil engineering; Electrical and communication engineering; Mechanical engineering; Chemical engineering; and Other engineering.

Mathematics fields include Mathematics/Statistics.

Medicine fields include Dentistry; Medicine, including psychiatry; Nursing; Pharmacy; Public health; Veterinary medicine; and Other health sciences.

Source: U.S. Department of Education, National Center for Education Statistics, 1998-99 National Study of Postsecondary Faculty (NSOPF:99).

Number and percentage distribution of part-time instructional faculty and staff in STEM2* fields at public 2-year colleges, by whether they had published within the past two years, by gender and for selected characteristics: 1999

Selected characteristics	Instructional faculty and staff (1,000s)		Any publications within the last two years?			
	Male	Female	No (%)		Yes (%)	
			Male	Female	Male	Female
Science						
Total	18.2	11.1	57.5	76.5	42.5	23.5
Years of experience on current job						
20 years or less	16.7	11.0	55.1	76.4	44.9	23.6
More than 20	‡	‡	‡	‡	‡	‡
Age						
Under 65	16.7	10.6	56.9	76.3	43.1	23.7
65 or older	‡	‡	‡	‡	‡	‡
Technology						
Total	7.6	4.8	77.1	95.1	22.9	4.9
Years of experience on current job						
20 years or less	7.6	4.8	76.8	95.1	23.2	4.9
More than 20	‡	‡	‡	‡	‡	‡
Age						
Under 65	7.1	4.8	77.6	95.1	22.4	4.9
65 or older	‡	‡	‡	‡	‡	‡
Engineering						
Total	‡	‡	‡	‡	‡	‡
Years of experience on current job						
20 years or less	‡	‡	‡	‡	‡	‡
More than 20	‡	‡	‡	‡	‡	‡
Age						
Under 65	‡	‡	‡	‡	‡	‡
65 or older	‡	‡	‡	‡	‡	‡
Mathematics						
Total	9.1	6.2	88.1	91.6	11.9	6.2
Years of experience on current job						
20 years or less	8.7	6.2	87.8	91.5	12.2	6.2
More than 20	‡	‡	‡	‡	‡	‡
Age						
Under 65	7.9	6.2	88.5	91.5	11.5	6.2
65 or older	‡	‡	‡	‡	‡	‡
Medicine						
Total	‡	8.8	‡	87.3	‡	12.7
Years of experience on current job						
20 years or less	‡	8.6	‡	87.1	‡	12.9
More than 20	‡	‡	‡	‡	‡	‡
Age						
Under 65	‡	8.5	‡	87.3	‡	12.7
65 or older	‡	‡	‡	‡	‡	‡

Filters

2000 Carnegie code by control = Public associates

Employed full or part time at this institution = Part time

‡ Reporting standards not met; insufficient number of cases.

For the purposes of this table, "STEM2*" classification includes teaching fields that are consistent with a less-strict definition of "STEM," encompassing more fields typically found at two-year colleges.

Science fields include Agricultural, animal, food and plant sciences; Renewable natural resources; Other agriculture; Biochemistry; Biology; Botany; Genetics; Immunology; Microbiology; Physiology; Zoology; Biological sciences, other; Astronomy; Chemistry; Physics; Earth atmosphere and oceanographic; Physical sciences, other; Psychology; Social sciences, general; Anthropology; Archeology; Area and ethnic studies; Demography; Economics; Geography; History; International relations; Political science and government; Sociology; and Other social sciences.

Technology fields include Computer and information sciences; Other computer science; Engineering-related technologies; and Science technologies.

Engineering fields include Architecture and environmental design; Engineering, general; Civil engineering; Electrical and communication engineering; Mechanical engineering; Chemical engineering; and Other engineering.

Mathematics fields include Mathematics/Statistics.

Medicine fields include Dentistry; Medicine, including psychiatry; Nursing; Pharmacy; Public health; Veterinary medicine; and Other health sciences.

Source: U.S. Department of Education, National Center for Education Statistics, 1998–99 National Study of Postsecondary Faculty (NSOPF:99).

Number and percentage distribution of part-time instructional faculty and staff in STEMM* fields at public 2-year colleges, by whether they had presented or exhibited their scholarly work within the past two years, by gender and for selected characteristics: 1999

Selected characteristics	Instructional faculty and staff (1,000s)		Any presentations, exhibitions, or performances within the past two years?			
			No (%)		Yes (%)	
	Male	Female	Male	Female	Male	Female
Science						
Total	18.2	11.1	58.8	62.8	41.2	37.2
Years of experience on current job						
20 years or less	16.7	11.0	56.2	62.7	43.8	37.3
More than 20	‡	‡	‡	‡	‡	‡
Age						
Under 65	16.7	10.6	56.9	62.8	43.1	37.2
65 or older	‡	‡	‡	‡	‡	‡
Technology						
Total	7.6	4.8	82.5	83.1	17.5	16.9
Years of experience on current job						
20 years or less	7.6	4.8	83.3	83.1	16.7	16.9
More than 20	‡	‡	‡	‡	‡	‡
Age						
Under 65	7.1	4.8	83.3	83.1	16.7	16.9
65 or older	‡	‡	‡	‡	‡	‡
Engineering						
Total	‡	‡	‡	‡	‡	‡
Years of experience on current job						
20 years or less	‡	‡	‡	‡	‡	‡
More than 20	‡	‡	‡	‡	‡	‡
Age						
Under 65	‡	‡	‡	‡	‡	‡
65 or older	‡	‡	‡	‡	‡	‡
Mathematics						
Total	9.1	6.2	83.4	86.7	16.6	13.3
Years of experience on current job						
20 years or less	8.7	6.2	83.7	86.6	16.3	13.4
More than 20	‡	‡	‡	‡	‡	‡
Age						
Under 65	7.9	6.2	83.0	86.6	17.0	13.4
65 or older	‡	‡	‡	‡	‡	‡
Medicine						
Total	‡	8.8	‡	70.5	‡	29.5
Years of experience on current job						
20 years or less	‡	8.6	‡	70.9	‡	29.1
More than 20	‡	‡	‡	‡	‡	‡
Age						
Under 65	‡	8.5	‡	70.8	‡	29.2
65 or older	‡	‡	‡	‡	‡	‡

Filters

2000 Carnegie code by control = Public associates

Employed full or part time at this institution = Part time

‡ Reporting standards not met; insufficient number of cases.

For the purposes of this table, "STEMM*" classification includes teaching fields that are consistent with a less-strict definition of "STEMM," encompassing more fields typically found at two-year colleges.

Science fields include Agricultural, animal, food and plant sciences; Renewable natural resources; Other agriculture; Biochemistry; Biology; Botany; Genetics; Immunology; Microbiology; Physiology; Zoology; Biological sciences, other; Astronomy; Chemistry; Physics; Earth atmosphere and oceanographic; Physical sciences, other; Psychology; Social sciences, general; Anthropology; Archeology; Area and ethnic studies; Demography; Economics; Geography; History; International relations; Political science and government; Sociology; and Other social sciences.

Technology fields include Computer and information sciences; Other computer science; Engineering-related technologies; and Science technologies.

Engineering fields include Architecture and environmental design; Engineering, general; Civil engineering; Electrical and communication engineering; Mechanical engineering; Chemical engineering; and Other engineering.

Mathematics fields include Mathematics/Statistics.

Medicine fields include Dentistry; Medicine, including psychiatry; Nursing; Pharmacy; Public health; Veterinary medicine; and Other health sciences.

Source: U.S. Department of Education, National Center for Education Statistics, 1998–99 National Study of Postsecondary Faculty (NSOPF:99).

Number and percentage distribution of part-time instructional faculty and staff in STEMM** fields at public 2-year colleges, by their opinion about choosing an academic career again, by gender and for selected characteristics: 1999

Selected characteristics	Instructional faculty and staff (1,000s)		"If I had to do it over again, I would choose an academic career."			
	Male	Female	Disagree (%)		Agree (%)	
			Male	Female	Male	Female
Science						
Total	18.2	11.1	13.3	21.1	86.7	78.9
Years of experience on current job						
20 years or less	16.7	11.0	12.8	21.2	87.2	78.8
More than 20	‡	‡	‡	‡	‡	‡
Age						
Under 65	16.7	10.6	12.8	21.9	87.2	78.1
65 or older	‡	‡	‡	‡	‡	‡
Technology						
Total	7.6	4.8	13.5	3.8	86.5	96.2
Years of experience on current job						
20 years or less	7.6	4.8	13.6	3.8	86.4	96.2
More than 20	‡	‡	‡	‡	‡	‡
Age						
Under 65	7.1	4.8	11.2	3.8	88.8	96.2
65 or older	‡	‡	‡	‡	‡	‡
Engineering						
Total	‡	‡	‡	‡	‡	‡
Years of experience on current job						
20 years or less	‡	‡	‡	‡	‡	‡
More than 20	‡	‡	‡	‡	‡	‡
Age						
Under 65	‡	‡	‡	‡	‡	‡
65 or older	‡	‡	‡	‡	‡	‡
Mathematics						
Total	9.1	6.2	28.5	10.7	71.5	89.3
Years of experience on current job						
20 years or less	8.7	6.2	28.9	9.7	71.1	90.3
More than 20	‡	‡	‡	‡	‡	‡
Age						
Under 65	7.9	6.2	24.7	10.9	75.3	89.1
65 or older	‡	‡	‡	‡	‡	‡
Medicine						
Total	‡	8.8	‡	9.2	‡	90.8
Years of experience on current job						
20 years or less	‡	8.6	‡	9.4	‡	90.6
More than 20	‡	‡	‡	‡	‡	‡
Age						
Under 65	‡	8.5	‡	9.6	‡	90.4
65 or older	‡	‡	‡	‡	‡	‡

Filters

2000 Carnegie code by control = Public associates

Employed full or part time at this institution = Part time

‡ Reporting standards not met; insufficient number of cases.

For the purposes of this table, "STEMM" classification includes teaching fields that are consistent with a less-strict definition of "STEMM," encompassing more fields typically found at two-year colleges.

Science fields include Agricultural, animal, food and plant sciences; Renewable natural resources; Other agriculture; Biochemistry; Biology; Botany; Genetics; Immunology; Microbiology; Physiology; Zoology; Biological sciences, other; Astronomy; Chemistry; Physics; Earth atmosphere and oceanographic; Physical sciences, other; Psychology; Social sciences, general; Anthropology; Archeology; Area and ethnic studies; Demography; Economics; Geography; History; International relations; Political science and government; Sociology; and Other social sciences.

Technology fields include Computer and information sciences; Other computer science; Engineering-related technologies; and Science technologies.

Engineering fields include Architecture and environmental design; Engineering, general; Civil engineering; Electrical and communication engineering; Mechanical engineering; Chemical engineering; and Other engineering.

Mathematics fields include Mathematics/Statistics.

Medicine fields include Dentistry; Medicine, including psychiatry; Nursing; Pharmacy; Public health; Veterinary medicine; and Other health sciences.

Source: U.S. Department of Education, National Center for Education Statistics, 1998–99 National Study of Postsecondary Faculty (NSOPF:99).

Number and percentage distribution of part-time instructional faculty and staff in STEM^{2*} fields at public 2-year colleges, by their opinion concerning whether female faculty are treated fairly, by gender and for selected characteristics: 1999

Selected characteristics	Instructional faculty and staff (1,000s)		Opinion: Are female faculty treated fairly at this institution?			
	Male	Female	Yes (%)		No (%)	
			Male	Female	Male	Female
Science						
Total	18.2	11.1	93.0	73.6	7.0	26.4
Years of experience on current job						
20 years or less	16.7	11.0	93.2	73.5	6.8	26.5
More than 20	‡	‡	‡	‡	‡	‡
Age						
Under 65	16.7	10.6	93.2	73.3	6.8	26.7
65 or older	‡	‡	‡	‡	‡	‡
Technology						
Total	7.6	4.8	91.6	67.4	8.4	32.6
Years of experience on current job						
20 years or less	7.6	4.8	91.5	67.4	8.5	32.6
More than 20	‡	‡	‡	‡	‡	‡
Age						
Under 65	7.1	4.8	91.0	67.4	9.0	32.6
65 or older	‡	‡	‡	‡	‡	‡
Engineering						
Total	‡	‡	‡	‡	‡	‡
Years of experience on current job						
20 years or less	‡	‡	‡	‡	‡	‡
More than 20	‡	‡	‡	‡	‡	‡
Age						
Under 65	‡	‡	‡	‡	‡	‡
65 or older	‡	‡	‡	‡	‡	‡
Mathematics						
Total	9.1	6.2	94.7	82.9	5.3	17.1
Years of experience on current job						
20 years or less	8.7	6.2	95.4	82.6	4.6	17.4
More than 20	‡	‡	‡	‡	‡	‡
Age						
Under 65	7.9	6.2	95.1	82.6	4.9	17.4
65 or older	‡	‡	‡	‡	‡	‡
Medicine						
Total	‡	8.8	‡	86.3	‡	13.7
Years of experience on current job						
20 years or less	‡	8.6	‡	86.0	‡	14.0
More than 20	‡	‡	‡	‡	‡	‡
Age						
Under 65	‡	8.5	‡	85.8	‡	14.2
65 or older	‡	‡	‡	‡	‡	‡

Filters

2000 Carnegie code by control = Public associates

Employed full or part time at this institution = Part time

‡ Reporting standards not met; insufficient number of cases.

For the purposes of this table, "STEM²" classification includes teaching fields that are consistent with a less-strict definition of "STEMM," encompassing more fields typically found at two-year colleges.

Science fields include Agricultural, animal, food and plant sciences; Renewable natural resources; Other agriculture; Biochemistry; Biology; Botany; Genetics; Immunology; Microbiology; Physiology; Zoology; Biological sciences, other; Astronomy; Chemistry; Physics; Earth atmosphere and oceanographic; Physical sciences, other; Psychology; Social sciences, general; Anthropology; Archeology; Area and ethnic studies; Demography; Economics; Geography; History; International relations; Political science and government; Sociology; and Other social sciences.

Technology fields include Computer and information sciences; Other computer science; Engineering-related technologies; and Science technologies.

Engineering fields include Architecture and environmental design; Engineering, general; Civil engineering; Electrical and communication engineering; Mechanical engineering; Chemical engineering; and Other engineering.

Mathematics fields include Mathematics/Statistics.

Medicine fields include Dentistry; Medicine, including psychiatry; Nursing; Pharmacy; Public health; Veterinary medicine; and Other health sciences.

Source: U.S. Department of Education, National Center for Education Statistics, 1998–99 National Study of Postsecondary Faculty (NSOPF:99).

Number and percentage distribution of part-time instructional faculty and staff in STEM* fields at public 2-year colleges, by their opinion concerning whether minority faculty are treated fairly, by gender and for selected characteristics: 1999

Selected characteristics	Instructional faculty and staff (1,000s)		Opinion: Are minority faculty treated fairly at this institution?			
	Male	Female	Yes (%)		No (%)	
			Male	Female	Male	Female
Science						
Total	18.2	11.1	92.0	88.7	8.0	11.3
Years of experience on current job						
20 years or less	16.7	11.0	92.2	88.7	7.8	11.3
More than 20	‡	‡	‡	‡	‡	‡
Age						
Under 65	16.7	10.6	92.2	89.0	7.8	11.0
65 or older	‡	‡	‡	‡	‡	‡
Technology						
Total	7.6	4.8	92.7	86.6	7.3	13.4
Years of experience on current job						
20 years or less	7.6	4.8	92.6	86.6	7.4	13.4
More than 20	‡	‡	‡	‡	‡	‡
Age						
Under 65	7.1	4.8	93.2	86.6	6.8	13.4
65 or older	‡	‡	‡	‡	‡	‡
Engineering						
Total	‡	‡	‡	‡	‡	‡
Years of experience on current job						
20 years or less	‡	‡	‡	‡	‡	‡
More than 20	‡	‡	‡	‡	‡	‡
Age						
Under 65	‡	‡	‡	‡	‡	‡
65 or older	‡	‡	‡	‡	‡	‡
Mathematics						
Total	9.1	6.2	92.8	84.9	7.2	15.1
Years of experience on current job						
20 years or less	8.7	6.2	92.5	84.7	7.5	15.3
More than 20	‡	‡	‡	‡	‡	‡
Age						
Under 65	7.9	6.2	92.9	84.7	7.1	15.3
65 or older	‡	‡	‡	‡	‡	‡
Medicine						
Total	‡	8.8	‡	90.8	‡	9.2
Years of experience on current job						
20 years or less	‡	8.6	‡	90.6	‡	9.4
More than 20	‡	‡	‡	‡	‡	‡
Age						
Under 65	‡	8.5	‡	90.4	‡	9.6
65 or older	‡	‡	‡	‡	‡	‡

Filters

2000 Carnegie code by control = Public associates

Employed full or part time at this institution = Part time

‡ Reporting standards not met; insufficient number of cases.

For the purposes of this table, "STEMM*" classification includes teaching fields that are consistent with a less-strict definition of "STEMM," encompassing more fields typically found at two-year colleges.

Science fields include Agricultural, animal, food and plant sciences; Renewable natural resources; Other agriculture; Biochemistry; Biology; Botany; Genetics; Immunology; Microbiology; Physiology; Zoology; Biological sciences, other; Astronomy; Chemistry; Physics; Earth atmosphere and oceanographic; Physical sciences, other; Psychology; Social sciences, general; Anthropology; Archeology; Area and ethnic studies; Demography; Economics; Geography; History; International relations; Political science and government; Sociology; and Other social sciences.

Technology fields include Computer and information sciences; Other computer science; Engineering-related technologies; and Science technologies.

Engineering fields include Architecture and environmental design; Engineering, general; Civil engineering; Electrical and communication engineering; Mechanical engineering; Chemical engineering; and Other engineering.

Mathematics fields include Mathematics/Statistics.

Medicine fields include Dentistry; Medicine, including psychiatry; Nursing; Pharmacy; Public health; Veterinary medicine; and Other health sciences.

Source: U.S. Department of Education, National Center for Education Statistics, 1998–99 National Study of Postsecondary Faculty (NSOPF:99).