CENTER FOR HIGHER EDUCATION



Updated data based on Instructional Faculty and Staff in Public 2-year Colleges by James Palmer (May 2000)



The supplemental tables compiled in this document update data that were originally presented in *Instructional Faculty and Staff in Public 2-year Colleges* by James Palmer (May 2000). Palmer's report analyzed data from the 1993 National Study of Postsecondary Faculty (NSOPF:93) to examine differences between subgroups of faculty and staff within public 2-year colleges. The following supplemental tables update many tables from the original report with NSOPF:99 data. (**Note**: The original tables include instructional faculty and staff in all disciplines. These supplemental tables include faculty in Science, Technology, Engineering, and Mathematics, adhering as closely as possible to the National Science Foundation definition of these fields, plus Medicine.)

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

	Instructional	faculty and		Race/ethnicity				
	staff (1			ority	Whi			
Selected characteristics	Male	Female	Male	% Female	% Male	Female		
Science								
Total	5.8	3.1	10.6	10.2	89.4	89.8		
Years of experience on current job 20 years or less More than 20	4.0 1.7	2.7 ‡	12.4 6.2	8.7 ‡	87.6 93.8	91.3 ‡		
Age								
Under 65 65 or older	5.3 ‡	3.0 ‡	8.7 ‡	10.3 ‡	91.3 ‡	89.7 ‡		
Technology								
Total	2.3	2.3	12.4	11.8	87.6	88.2		
Years of experience on current job 20 years or less More than 20	2.0	2.1 ‡	14.2 ‡	11.5 ‡	85.8 ‡	88.5 ‡		
Age Under 65 65 or older	2.3	2.3	12.4 ‡	10.8 ‡	87.6 ‡	89.2 ‡		
Engineering								
Total	2.0	‡	27.3	‡	72.7	‡		
Years of experience on current job 20 years or less More than 20	‡ ‡	‡ ‡	‡ ‡	‡ ‡	‡ ‡	‡ ‡		
Age Under 65 65 or older	2.0	‡ ‡	27.3 ‡	‡ ‡	72.7 ‡	‡ ‡		
Mathematics								
Total	4.2	2.6	25.2	17.9	74.8	82.1		
Years of experience on current job 20 years or less More than 20	3.1	2.3	32.8 ‡	17.1 ‡	67.2 ‡	82.9 ‡		
Age Under 65 65 or older	3.9	2.6	26.1 ‡	17.9 ‡	73.9 ‡	82.1 ‡		
Medicine								
Total	‡	9.5	‡	11.3	‡	88.7		
Years of experience on current job 20 years or less More than 20	‡	8.1 1.4	‡ ‡	11.4 10.4	‡ ‡	88.6 89.6		
Age Under 65 65 or older	‡ ‡	9.4 ‡	‡ ‡	11.4	‡	88.6 ‡		

Filters

2000 Carnegie code by control = Public associates

Employed full or part time at this institution = Full time

For the purposes of this table, "STEMM" classification includes teaching fields that are consistent with a relatively strict definition of "STEMM."

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; and Physical sciences, other.

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.

[‡] Reporting standards not met; insufficient number of cases.

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

					Highest	degree		
	Instruc faculty a (1,00	nd staff		's or less %		s degree %	PhD or profess %	ional
Selected characteristics	Male	Female	Male	Female	Male	Female	Male	Female
Science								
Total	5.8	3.1	5.3	7.4	46.9	59.2	47.7	33.4
Years of experience on current job 20 years or less More than 20	4.0 1.7	2.7	7.6 0.0	8.4 ‡	40.4 62.3	60.3	52.0 37.7	31.3 ‡
Age Under 65 65 or older	5.3 ‡	3.0	5.8 ‡	7.5 ‡	47.7 ‡	60.2	46.6 ‡	32.3 ‡
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 More than 20	2.0 ‡	2.1 ‡	20.6 ‡	49.4 ‡	69.2 ‡	42.9 ‡	10.2 ‡	7.7 ‡
Age Under 65 65 or older	2.3	2.3	19.9 ‡	50.2 ‡	71.2 ‡	42.6 ‡	8.9 ‡	7.2 ‡
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 65 or older	2.0 ‡	‡ ‡	40.0 ‡	‡ ‡	56.9 ‡	‡ ‡	3.1 ‡	‡ ‡
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 More than 20	3.1 ‡	2.3 ‡	3.1 ‡	12.8 ‡	77.9 ‡	65.3 ‡	19.0 ‡	22.0
Age Under 65 65 or older	3.9 ‡	2.6 ‡	2.4 ‡	11.1 ‡	72.8 ‡	66.4 ‡	24.8 ‡	22.5
Medicine								
Total	‡	9.5	‡	22.8	‡	70.5	‡	6.7
Years of experience on current job 20 years or less More than 20	‡ ‡	8.1 1.4	‡ ‡	24.5 12.8	‡ ‡	70.4 70.7	‡ ‡	5.0 16.5
Age Under 65 65 or older	‡ ‡	9.4 ‡	‡ ‡	23.1 ‡	‡ ‡	70.6 ‡	‡ ‡	6.3 ‡

Filters

2000 Carnegie code by control = Public associates

Employed full or part time at this institution = Full time

For the purposes of this table, "STEMM" classification includes teaching fields that are consistent with a relatively strict definition of "STEMM."

Mathematics fields include Mathematics/Statistics.

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

 $[\]ensuremath{\ddagger}$ Reporting standards not met; insufficient number of cases.

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; and Physical sciences, other.

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.

Number and percentage distribution of full-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 and by gender, for selected characteristics: 1999

	Instruc		Is current PSE job the first, and only current, PSE job?				
	faculty a (1,00			No %			
Selected characteristics	Male	Female	Male	Female	Male	Female	
Science							
Total	4.7	2.5	80.0	74.4	20.0	25.6	
Years of experience on current job 20 years or less More than 20	3.4	2.2	88.9 ‡	73.6 ‡	11.1 ‡	26.4 ‡	
Age Under 65 65 or older	4.5 ‡	2.5 ‡	80.1 ‡	73.9 ‡	19.9 ‡	26.1 ‡	
Technology							
Total	1.6	1.6	78.4	56.7	21.6	43.3	
Years of experience on current job 20 years or less More than 20	‡ ‡	1.4 ‡	‡ ‡	60.0 ‡	‡ ‡	40.0 ‡	
Age Under 65 65 or older	1.6 ‡	1.5 ‡	78.4 ‡	56.0 ‡	21.6 ‡	44.0 ‡	
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 More than 20	2.0	2.0	85.5 ‡	80.3 ‡	14.5 ‡	19.7	
Age Under 65 65 or older	2.8	2.2	88.2 ‡	78.8 ‡	11.8 ‡	21.2	
Medicine							
Total	‡	6.7	‡	83.3	‡	16.7	
Years of experience on current job 20 years or less More than 20	‡ ‡	5.8 ‡	‡ ‡	82.4 ‡	‡ ‡	17.6 ‡	
Age Under 65 65 or older	‡ ‡	6.7 ‡	‡ ‡	83.2 ‡	‡ ‡	16.8 ‡	

Filters

2000 Carnegie code by control = Public associates

Employed full or part time at this institution = Full time

For the purposes of this table, "STEMM" classification includes teaching fields that are consistent with a relatively strict definition of "STEMM."

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; and Physical sciences, other.

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; and Other

Mathematics fields include Mathematics/Statistics.

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

[‡] Reporting standards not met; insufficient number of cases.

Number and percentage distribution of full-time instructional faculty and staff in STEMM 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

	Instruc		Employment status at most recent higher education job				
	faculty a (1,00		Full 9		Part t		
Selected characteristics	Male	Female	Male	Female	Male	Female	
Science							
Total	3.2	1.4	76.1	69.1	23.9	30.9	
Years of experience on current job 20 years or less More than 20	2.6	1.2 ‡	72.5 ‡	66.0 ‡	27.5 ‡	34.0 ‡	
Age Under 65 65 or older	3.1	1.4	76.5 ‡	69.1 ‡	23.5	30.9 ‡	
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 65 or older	1.8	‡ ‡	76.6 ‡	‡ ‡	23.4	‡ ‡	
Medicine							
Total	‡	4.3	‡	81.7	‡	18.3	
Years of experience on current job 20 years or less More than 20	‡ ‡	3.7	‡ ‡	80.4 ‡	‡ ‡	19.6 ‡	
Age Under 65 65 or older	‡ ‡	4.3 ‡	‡ ‡	81.5 ‡	‡ ‡	18.5 ‡	

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 relatively strict definition of "STEMM."

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; and Physical sciences, other.

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; 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.

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

	Instruct faculty ar			Full-time instructional faculty and staff: Only employed at this institution in Fall 1998?			
	(1,00		Yes No				
Selected characteristics	Male	Female	Male	Female	Male	Female	
Science							
Total	5.8	3.1	65.2	76.7	34.8	23.3	
Years of experience on current job 20 years or less	4.0	2.7	58.5	78.3	41.5	21.7	
More than 20	1.7	‡	80.9	‡	19.1	‡	
Age Under 65	5.3	3.0	64.1	76.4	35.9	23.6	
65 or older	\$.3 ‡	\$.0 ‡	‡	76.4	35.9 ‡	23.6	
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	‡	‡	‡	73.6	‡	‡	
Age							
Under 65 65 or older	2.3	2.3 ‡	75.9 ‡	75.4 ‡	24.1 ‡	24.6 ‡	
Engineering							
Total	2.0	‡	60.4	‡	39.6	‡	
Years of experience on current job 20 years or less More than 20	‡ ‡	‡ ‡	‡ ‡	‡ ‡	‡ ‡	‡	
Age							
Under 65 65 or older	2.0	‡ ‡	60.4 ‡	‡ ‡	39.6 ‡	‡ ‡	
	+	+	+	+	+	+	
Mathematics Total	4.2	2.6	68.5	72.2	31.5	27.8	
Years of experience on current job	7.2	2.0	00.0	12.2	31.3	21.0	
20 years or less More than 20	3.1	2.3 ‡	65.7 ‡	70.1 ‡	34.3 ‡	29.9 ‡	
Age							
Under 65 65 or older	3.9	2.6 ‡	67.0 ‡	72.2 ‡	33.0 ‡	27.8 ‡	
Medicine							
Total	‡	9.5	‡	51.9	‡	48.1	
Years of experience on current job 20 years or less More than 20	ŧ	8.1	‡	48.9	‡	51.1	
More than 20 Age	‡	1.4	‡	69.2	‡	30.8	
Under 65 65 or older	‡ ‡	9.4 ‡	‡ ‡	51.2 ‡	‡ ‡	48.8 ‡	

2000 Carnegie code by control = Public associates

Employed full or part time at this institution = Full time

For the purposes of this table, "STEMM" classification includes teaching fields that are consistent with a relatively strict definition of "STEMM."

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; and Physical sciences, other.

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; 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.

[‡] Reporting standards not met; insufficient number of cases.

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

							Other jobs, sector	of previous job				
	Instruct faculty an (1,000	d staff	4- or 2-year po institu	ution		tional institution		For-profit business/industry		Other %		
Selected characteristics	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Science												
Total	4.2	2.0	96.1	100.0	2.8	0.0	1.1	0.0	0.0	0.0	0.0	0.0
Years of experience on current job 20 years or less More than 20	2.8 1.5	1.7	95.8 96.8	100.0	2.5 3.2	0.0	1.7 0.0	0.0	0.0 0.0	0.0	0.0 0.0	0.0
Age Under 65 65 or older	3.9 ‡	2.0	95.9 ‡	100.0	3.0	0.0	1.2 ‡	0.0	0.0	0.0	0.0	0.0
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 More than 20	‡	1.9	‡ ‡	95.8 ‡	‡ ‡	4.2	‡ ‡	0.0	‡ ‡	0.0	‡	0.0
Age Under 65 65 or older	1.7	2.0	100.0 ‡	94.5 ‡	0.0	5.5 ‡	0.0	0.0	0.0	0.0	0.0	0.0
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 65 or older	1.7	‡ ‡	96.1 ‡	‡ ‡	3.9 ‡	‡ ‡	0.0	‡ ‡	0.0	‡ ‡	0.0	‡ ‡
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 More than 20	2.3	‡ ‡	100.0	‡ ‡	0.0	‡ ‡	0.0	‡ ‡	0.0	‡ ‡	0.0	‡ ‡
Age Under 65 65 or older	2.8	1.4	100.0	97.7 ‡	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0
Medicine												
Total	‡	7.0	‡	92.0	‡	6.8	‡	1.2	‡	0.0	‡	0.0
Years of experience on current job 20 years or less More than 20	‡	5.9 ‡	‡ ‡	91.1	‡ ‡	7.5 ‡	‡ ‡	1.4	‡ ‡	0.0	‡	0.0
Age Under 65 65 or older	‡ ‡	6.9 ‡	‡ ‡	91.9 ‡	‡ ‡	6.9 ‡	‡ ‡	1.2 ‡	‡ ‡	0.0 ‡	‡ ‡	0.0

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 relatively strict definition of "STEMM."

Science fields include Agricultural, animal, food and plant sciences; Renewable natural resources; Other agriculture, Biochemistry; Biological sciences; Immunology; Microbiology; Physiology; Zoology; Biological sciences, other; Astronomy; Chemistry; Physics; Earth atmosphere and oceanographic; and Physical sciences, other. Technology fields include Computer and information sciences; Other computer science; Engineering-related 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.

Number and percentage distribution of full-time instructional faculty and staff in STEMM 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

	Instructional	faculty and	Employment status of other current job				
	staff (1			-time %	Part-time %		
Selected characteristics	Male	Female	Male	Female	Male	Female	
Science							
Total	4.2	2.0	96.1	95.9	3.9	4.1	
Years of experience on current job 20 years or less More than 20	2.8 1.5	1.7 ‡	95.7 96.9	95.1 ‡	4.3 3.1	4.9	
Age Under 65 65 or older	3.9	2.0	95.8 ‡	95.8 ‡	4.2 ‡	4.2 ‡	
Technology							
Total	1.7	2.1	100.0	95.3	0.0	4.7	
Years of experience on current job 20 years or less More than 20	‡ ‡	1.9 ‡	‡ ‡	94.9	‡	5.1 ‡	
Age Under 65 65 or older	1.7	2.0	100.0	95.3 ‡	0.0	4.7 ‡	
Engineering							
Total	1.7	‡	97.2	‡	2.8	‡	
Years of experience on current job 20 years or less More than 20	‡ ‡	‡ ‡	‡	‡	‡	‡	
Age Under 65 65 or older	1.7	‡ ‡	97.2 ‡	‡ ‡	2.8 ‡	‡	
Mathematics							
Total	3.0	1.4	89.6	91.9	10.4	8.1	
Years of experience on current job 20 years or less More than 20	2.3	‡ ‡	86.4 ‡	‡ ‡	13.6	‡ ‡	
Age Under 65 65 or older	2.8	1.4	88.6 ‡	91.9 ‡	11.4	8.1 ‡	
Medicine							
Total	‡	7.0	‡	95.0	‡	5.0	
Years of experience on current job 20 years or less More than 20	‡ ‡	5.9 ‡	‡ ‡	95.5 ‡	‡ ‡	4.5 ‡	
Age Under 65 65 or older	‡ ‡	6.9 ‡	‡ ‡	94.9	‡ ‡	5.1 ‡	

2000 Carnegie code by control = Public associates

Employed full or part time at this institution = Full time

For the purposes of this table, "STEMM" classification includes teaching fields that are consistent with a relatively strict definition of "STEMM."

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; and Physical sciences, other.

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.

[‡] Reporting standards not met; insufficient number of cases.

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

	Instruct faculty an (1,000	nd staff	Average total hours per week worked (Avg>0)		
Selected characteristics	Male	Female	Male	Female	
Science					
Total	5.8	3.1	50.2	47.3	
Years of experience on current job 20 years or less More than 20	4.0 1.7	2.7	51.5 46.9	48.0 ‡	
Age					
Under 65 65 or older	5.3 ‡	3.0	50.4 ‡	47.1 ‡	
Technology					
Total	2.3	2.3	52.8	53.2	
Years of experience on current job 20 years or less More than 20	2.0	2.1 ‡	54.3 ‡	53.0 ‡	
Age Under 65 65 or older	2.3	2.3 ‡	52.8 ‡	53.2 ‡	
Engineering					
Total	2.0	‡	51.6	‡	
Years of experience on current job 20 years or less More than 20	‡ ‡	‡ ‡	‡ ‡	‡ ‡	
Age Under 65 65 or older	2.0	‡ ‡	51.6 ‡	‡ ‡	
Mathematics					
Total	4.2	2.6	43.8	45.4	
Years of experience on current job 20 years or less More than 20	3.1	2.3	44.3 ‡	43.5 ‡	
Age Under 65 65 or older	3.9 ‡	2.6 ‡	44.5 ‡	45.4 ‡	
Medicine					
Total	‡	9.5	‡	48.6	
Years of experience on current job 20 years or less More than 20	‡ ‡	8.1 1.4	‡ ‡	49.0 46.2	
Age Under 65 65 or older	‡ ‡	9.4 ‡	‡ ‡	48.6 ‡	

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 relatively strict definition of "STEMM."

Science fields include Agricultural, animal, food and plant sciences; Renewable natural resources; Other agriculture; Biochemistry; Biology; Botany; Genetics; Immunology;

Science reliats include Agricultural, animal, rood and plant sciences; Renewable natural resources; Unter agriculture, Blochemistry, Blochemis

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

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

	Instructi faculty an (1,000	d staff	paid tasks at i	Hours per week on paid tasks at institution (Avg>0)	
Selected characteristics	Male	Female	Male	Female	
Science					
Total	5.7	3.1	44.4	41.0	
Years of experience on current job 20 years or less More than 20	4.0 1.7	2.7 ‡	45.5 41.9	41.8 ‡	
Age Under 65 65 or older	5.3 ‡	3.0 ‡	44.8 ‡	40.9 ‡	
Technology					
Total	2.3	2.3	41.3	41.5	
Years of experience on current job 20 years or less More than 20	2.0	2.1 ‡	41.5 ‡	41.6 ‡	
Age Under 65 65 or older	2.3 ‡	2.3 ‡	41.3 ‡	41.7	
Engineering					
Total	2.0	‡	40.8	‡	
Years of experience on current job 20 years or less More than 20	‡ ‡	‡ ‡	‡ ‡	‡ ‡	
Age Under 65 65 or older	2.0	‡ ‡	40.8 ‡	‡	
Mathematics					
Total	4.2	2.6	38.2	39.4	
Years of experience on current job 20 years or less More than 20	3.0	2.2 ‡	38.8 ‡	37.8 ‡	
Age Under 65 65 or older	3.9 ‡	2.6 ‡	39.1 ‡	39.4 ‡	
Medicine					
Total	‡	9.5	‡	39.4	
Years of experience on current job 20 years or less More than 20	‡ ‡	8.1 1.4	‡ ‡	39.4 39.5	
Age Under 65 65 or older	‡ ‡	9.4 ‡	‡ ‡	39.5 ‡	

Filters

2000 Carnegie code by control = Public associates

Employed full or part time at this institution = Full time

 $\ensuremath{\ddagger}$ Reporting standards not met; insufficient number of cases.

For the purposes of this table, "STEMM" classification includes teaching fields that are consistent with a relatively strict definition of "STEMM."

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; and Physical sciences, other.

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.

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.

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

	Instruc faculty aı (1,00	nd staff	Hours per week on paid tasks outside of institution (Avg)		
Selected characteristics	Male	Female	Male	Female	
Science					
Total	‡	‡	‡	‡	
Years of experience on current job 20 years or less More than 20	‡ ‡	‡ ‡	‡ ‡	‡ ‡	
Age Under 65 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 More than 20	‡ ‡	3.1 ‡	‡ ‡	7.1 ‡	
Age Under 65 65 or older	‡ ‡	3.3 ‡	‡ ‡	6.9 ‡	

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 relatively strict definition of "STEMM."

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; and Physical sciences, other.

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.

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

	Instruc faculty a (1,00	nd staff	Total number of classes taught (for credit and not for credit) (Avg)		
Selected characteristics	Male	Female	Male	Female	
Science					
Total	5.7	3.0	4.8	4.5	
Years of experience on current job 20 years or less More than 20	4.0 1.7	2.7	4.9 4.8	4.6	
Age Under 65 65 or older	5.3	3.0 ‡	4.7 ‡	4.5 ‡	
Technology					
Total	2.3	2.3	5.0	6.6	
Years of experience on current job 20 years or less More than 20	2.0	2.1 ‡	5.1 ‡	6.7 ‡	
Age Under 65 65 or older	2.3	2.3 ‡	5.0 ‡	6.6 ‡	
Engineering					
Total	2.0	‡	4.4	‡	
Years of experience on current job 20 years or less More than 20	‡ ‡	‡ ‡	‡ ‡	‡ ‡	
Age Under 65 65 or older	2.0	‡ ‡	4.4 ‡	‡ ‡	
Mathematics					
Total	4.2	2.5	5.3	5.1	
Years of experience on current job 20 years or less More than 20	3.1	2.2	5.5 ‡	5.2 ‡	
Age Under 65 65 or older	3.9 ‡	2.5 ‡	5.3 ‡	5.1 ‡	
Medicine					
Total	‡	9.4	‡	3.5	
Years of experience on current job 20 years or less More than 20	‡ ‡	8.0 1.4	‡ ‡	3.5 3.9	
Age Under 65 65 or older	‡ ‡	9.2 ‡	‡ ‡	3.5 ‡	

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 relatively strict definition of "STEMM."

Science fields include Agricultural, animal, food and plant sciences; Renewable natural resources; Other agriculture; Biochemistry; Biology; Botany; Genetics; Immunology; Microbiology; Physiology; Biological sciences, other; Astronomy; Chemistry; Physics; Earth atmosphere and oceanographic; and Physical sciences, other.

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.

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

	Instruc faculty aı (1,00	nd staff	d staff in classes		
Selected characteristics	Male	Female	Male	Female	
Science					
Total	5.7	3.0	14.4	14.1	
Years of experience on current job 20 years or less More than 20	4.0 1.7	2.7 ‡	15.5 11.9	14.2	
Age Under 65 65 or older	5.3 ‡	3.0	14.5 ‡	14.1 ‡	
Technology					
Total	2.3	2.2	14.1	14.6	
Years of experience on current job 20 years or less More than 20	2.0	2.1 ‡	14.2 ‡	14.7 ‡	
Age Under 65 65 or older	2.3	2.2 ‡	14.1 ‡	14.7	
Engineering					
Total	2.0	‡	17.5	‡	
Years of experience on current job 20 years or less More than 20	‡ ‡	‡ ‡	‡ ‡	‡ ‡	
Age Under 65 65 or older	2.0	‡ ‡	17.5 ‡	‡ ‡	
Mathematics					
Total	4.2	2.5	16.7	13.6	
Years of experience on current job 20 years or less More than 20	3.1 ‡	2.2 ‡	16.5 ‡	14.1	
Age Under 65 65 or older	3.9	2.5 ‡	17.1 ‡	13.6	
Medicine					
Total	‡	9.3	‡	13.8	
Years of experience on current job 20 years or less More than 20	‡ ‡	7.9 1.4	‡ ‡	13.8 13.8	
Age Under 65 65 or older	‡ ‡	9.2 ‡	‡ ‡	13.8 ‡	

Filters

2000 Carnegie code by control = Public associates

Employed full or part time at this institution = Full time

For the purposes of this table, "STEMM" classification includes teaching fields that are consistent with a relatively strict definition of "STEMM."

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; and Physical sciences, other.

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.

[‡] Reporting standards not met; insufficient number of cases.

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

	Instruct faculty an (1,000	nd staff	Total hours per week teaching credit classes (Avg)		
Selected characteristics	Male	Female	Male	Female	
Science					
Total	5.7	3.0	18.0	18.5	
Years of experience on current job 20 years or less More than 20	4.0 1.7	2.7 ‡	18.9 15.8	18.7	
Age Under 65 65 or older	5.3 ‡	3.0 ‡	18.3 ‡	18.6 ‡	
Technology					
Total	2.3	2.2	18.9	17.0	
Years of experience on current job 20 years or less More than 20	2.0	2.1 ‡	19.0 ‡	17.2 ‡	
Age Under 65 65 or older	2.3 ‡	2.2	18.9 ‡	16.9 ‡	
Engineering					
Total	2.0	‡	19.5	‡	
Years of experience on current job 20 years or less More than 20	‡ ‡	‡ ‡	‡ ‡	‡ ‡	
Age Under 65 65 or older	2.0	‡ ‡	19.5 ‡	‡ ‡	
Mathematics					
Total	4.2	2.5	14.4	13.2	
Years of experience on current job 20 years or less More than 20	3.1	2.2	14.4 ‡	13.5 ‡	
Age Under 65 65 or older	3.9 ‡	2.5 ‡	14.6 ‡	13.2	
Medicine					
Total	‡	9.3	‡	17.9	
Years of experience on current job 20 years or less More than 20	‡ ‡	7.9 1.4	‡ ‡	17.5 20.2	
Age Under 65 65 or older	‡ ‡	9.2 ‡	‡ ‡	17.9 ‡	

Filters

2000 Carnegie code by control = Public associates

Employed full or part time at this institution = Full time

For the purposes of this table, "STEMM" classification includes teaching fields that are consistent with a relatively strict definition of "STEMM."

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; and Physical sciences, other.

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.

[‡] Reporting standards not met; insufficient number of cases.

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

	Instruc faculty ar (1,00	nd staff	Total students credit cla (Avg	asses	
Selected characteristics	Male	Female	Male	Female	
Science					
Total	5.7	3.0	103.0	108.7	
Years of experience on current job 20 years or less More than 20	4.0 1.7	2.7 ‡	110.1 85.8	109.8	
Age Under 65 65 or older	5.3 ‡	3.0	103.4 ‡	108.8	
Technology					
Total	2.3	2.2	101.0	101.8	
Years of experience on current job 20 years or less More than 20	2.0	2.1 ‡	99.5 ‡	97.5 ‡	
Age Under 65 65 or older	2.3	2.2	101.0 ‡	102.1 ‡	
Engineering					
Total	2.0	‡	57.0	‡	
Years of experience on current job 20 years or less More than 20	‡ ‡	‡ ‡	‡ ‡	‡ ‡	
Age Under 65 65 or older	2.0	‡ ‡	57.0 ‡	‡ ‡	
Mathematics					
Total	4.2	2.5	113.5	113.3	
Years of experience on current job 20 years or less More than 20	3.1	2.2	113.0 ‡	113.8 ‡	
Age Under 65 65 or older	3.9	2.5 ‡	116.2 ‡	113.3 ‡	
Medicine					
Total	‡	9.3	‡	72.6	
Years of experience on current job 20 years or less More than 20	‡ ‡	7.9 1.4	‡ ‡	70.3 85.8	
Age Under 65 65 or older	‡ ‡	9.2 ‡	‡ ‡	72.6 ‡	

Filters

2000 Carnegie code by control = Public associates

Employed full or part time at this institution = Full time

For the purposes of this table, "STEMM" classification includes teaching fields that are consistent with a relatively strict definition of "STEMM." 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; and Physical

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.

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[‡] Reporting standards not met; insufficient number of cases.

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

	Instruct faculty an (1,000	nd staff	Total student credit hours in classes (Avg)		
Selected characteristics	Male	Female	Male	Female	
Science					
Total	5.7	3.0	391.5	386.5	
Years of experience on current job 20 years or less More than 20	4.0 1.7	2.7 ‡	422.6 316.4	388.3	
Age					
Under 65 65 or older	5.3 ‡	3.0	394.1 ‡	388.0 ‡	
Technology					
Total	2.3	2.2	307.2	323.9	
Years of experience on current job 20 years or less More than 20	2.0	2.1 ‡	301.7 ‡	317.8 ‡	
Age Under 65 65 or older	2.3 ‡	2.2	307.2 ‡	326.2 ‡	
Engineering					
Total	2.0	‡	267.6	‡	
Years of experience on current job 20 years or less More than 20	‡ ‡	‡ ‡	‡ ‡	‡ ‡	
Age					
Under 65 65 or older	2.0 ‡	‡	267.6 ‡	‡ ‡	
Mathematics					
Total	4.2	2.5	529.5	403.9	
Years of experience on current job 20 years or less More than 20	3.1	2.2	489.7 ‡	412.7 ‡	
Age Under 65 65 or older	3.9	2.5 ‡	552.4 ‡	403.9	
Medicine					
Total	‡	9.3	‡	364.8	
Years of experience on current job 20 years or less More than 20	‡ ‡	7.9 1.4	‡ ‡	355.8 415.7	
Age Under 65 65 or older	‡ ‡	9.2 ‡	‡ ‡	365.5 ‡	

Filters

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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 relatively strict definition of "STEMM."

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; and Physical

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.

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

	faculty ar	Instructional Total student faculty and staff per week in c			
Selected characteristics	Male	Female	Male	Female	
Science					
Total	5.7	3.0	485.2	499.7	
Years of experience on current job 20 years or less More than 20	4.0 1.7	2.7 ‡	518.9 403.9	501.9 ‡	
Age Under 65 65 or older	5.3 ‡	3.0 ‡	491.8 ‡	501.1 ‡	
Technology					
Total	2.3	2.2	410.6	364.5	
Years of experience on current job 20 years or less More than 20	2.0 ‡	2.1	404.8 ‡	358.8 ‡	
Age Under 65 65 or older	2.3 ‡	2.2 ‡	410.6 ‡	364.6 ‡	
Engineering					
Total	2.0	‡	297.3	‡	
Years of experience on current job 20 years or less More than 20	‡ ‡	‡ ‡	‡ ‡	‡ ‡	
Age Under 65 65 or older	2.0	‡ ‡	297.3 ‡	‡ ‡	
Mathematics					
Total	4.2	2.5	411.4	388.4	
Years of experience on current job 20 years or less More than 20	3.1 ‡	2.2	404.9 ‡	400.0 ‡	
Age Under 65 65 or older	3.9 ‡	2.5 ‡	420.5 ‡	388.4 ‡	
Medicine					
Total	‡	9.3	‡	431.0	
Years of experience on current job 20 years or less More than 20	‡ ‡	7.9 1.4	‡ ‡	400.7 602.1	
Age Under 65 65 or older	‡ ‡	9.2 ‡	‡ ‡	430.5 ‡	

Filters

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Employed full or part time at this institution = Full time

For the purposes of this table, "STEMM" classification includes teaching fields that are consistent with a relatively strict definition of "STEMM."

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; and Physical sciences, other.

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.

[‡] Reporting standards not met; insufficient number of cases.

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

	Instruc		Any po	ublications withi	n the last two yea	ears?	
	faculty aı (1,00		N (%		Yes (%)		
Selected characteristics	Male	Female	Male	Female	Male	Female	
Science							
Total	5.8	3.1	58.5	67.6	41.5	32.4	
Years of experience on current job 20 years or less More than 20	4.0 1.7	2.7	60.4 53.9	68.9 ‡	39.6 46.1	31.1 ‡	
Age							
Under 65 65 or older	5.3 ‡	3.0 ‡	58.4 ‡	68.8 ‡	41.6 ‡	31.2 ‡	
Technology							
Total	2.3	2.3	73.8	83.0	26.2	17.0	
Years of experience on current job 20 years or less More than 20	2.0	2.1 ‡	74.1 ‡	82.9 ‡	25.9 ‡	17.1 ‡	
Age Under 65 65 or older	2.3	2.3 ‡	73.8 ‡	84.0 ‡	26.2 ‡	16.0 ‡	
Engineering							
Total	2.0	‡	75.4	‡	24.6	‡	
Years of experience on current job 20 years or less More than 20	‡ ‡	‡ ‡	‡ ‡	‡ ‡	‡ ‡	‡ ‡	
Age Under 65 65 or older	2.0 ‡	‡ ‡	75.4 ‡	‡ ‡	24.6 ‡	‡ ‡	
Mathematics							
Total	4.2	2.6	65.6	80.3	34.4	19.7	
Years of experience on current job 20 years or less More than 20	3.1	2.3	62.3 ‡	80.5 ‡	37.7 ‡	19.5 ‡	
Age							
Under 65 65 or older	3.9	2.6 ‡	65.1 ‡	80.3 ‡	34.9 ‡	19.7 ‡	
Medicine							
Total	‡	9.5	‡	76.8	‡	23.2	
Years of experience on current job 20 years or less More than 20	‡ ‡	8.1 1.4	‡ ‡	80.3 56.3	‡ ‡	19.7 43.7	
Age Under 65 65 or older	‡ ‡	9.4 ±	‡ ‡	77.0 ‡	‡ ‡	23.0	

Filters

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Employed full or part time at this institution = Full time

 $\ensuremath{\ddagger}$ Reporting standards not met; insufficient number of cases.

For the purposes of this table, "STEMM" classification includes teaching fields that are consistent with a relatively strict definition of "STEMM."

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; and Physical sciences, other.

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.

Number and percentage distribution of full-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

	Inci	ruction	al	Any pre	sentations, exhib within the pas	itions, or performa	nces
	facult	y and s ,000s)		No (%)		Yes (%)	
Selected characteristics	Male		Female	Male	Female	Male	Female
Science							
Total	5	5.8	3.1	50.7	66.0	49.3	34.0
Years of experience on current job 20 years or less More than 20		l.0 .7	2.7	48.8 55.1	65.1 ‡	51.2 44.9	34.9 ‡
Age Under 65 65 or older	5	5.3 ‡	3.0	50.2 ‡	65.4 ‡	49.8 ‡	34.6
Technology							
Total	2	2.3	2.3	59.3	52.5	40.7	47.5
Years of experience on current job 20 years or less More than 20	2	2.0 ‡	2.1 ‡	57.5 ‡	53.9 ‡	42.5 ‡	46.1 ‡
Age Under 65 65 or older	2	2.3	2.3	59.3 ‡	53.1 ‡	40.7 ‡	46.9 ‡
Engineering							
Total	2	2.0	‡	64.5	‡	35.5	‡
Years of experience on current job 20 years or less More than 20		‡ ‡	‡ ‡	‡ ‡	‡ ‡	‡	‡
Age Under 65 65 or older	2	2.0	‡ ‡	64.5 ‡	‡ ‡	35.5 ‡	‡
Mathematics							
Total	4	1.2	2.6	72.4	61.0	27.6	39.0
Years of experience on current job 20 years or less More than 20	3	3.1 ‡	2.3	66.9 ‡	57.7 ‡	33.1 ‡	42.3 ‡
Age Under 65 65 or older	3	3.9 ‡	2.6	71.2 ‡	61.0 ‡	28.8	39.0 ‡
Medicine							
Total		‡	9.5	‡	58.9	‡	41.1
Years of experience on current job 20 years or less More than 20		‡ ‡	8.1 1.4	‡ ‡	62.8 36.5	‡ ‡	37.2 63.5
Age Under 65 65 or older		‡ ‡	9.4 ‡	‡ ‡	59.8 ‡	‡ ‡	40.2 ‡

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Employed full or part time at this institution = Full time

For the purposes of this table, "STEMM" classification includes teaching fields that are consistent with a relatively strict definition of "STEMM."

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; and Physical sciences, other.

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

Mathematics fields include Mathematics/Statistics.

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

[‡] Reporting standards not met; insufficient number of cases.

Number and percentage distribution of full-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

		Instructional faculty and staff			"If I had to do it over again, I would choose an academic career."				
		1,000s)		Disag (%		Agree (%)			
Selected characteristics	Male		Female	Male	Female	Male	Female		
Science									
Total	ţ	5.8	3.1	9.4	8.8	90.6	91.2		
Years of experience on current job 20 years or less More than 20		4.0 1.7	2.7 ‡	8.4 12.0	9.9 ‡	91.6 88.0	90.1		
Age Under 65 65 or older		5.3 ‡	3.0 ‡	10.2	8.9 ‡	89.8 ‡	91.1 ‡		
Technology									
Total	2	2.3	2.3	12.7	7.0	87.3	93.0		
Years of experience on current job 20 years or less More than 20	2	2.0	2.1 ‡	10.7	3.8 ‡	89.3 ‡	96.2 ‡		
Age Under 65 65 or older	2	2.3	2.3	12.7 ‡	6.0	87.3 ‡	94.0		
Engineering									
Total	2	2.0	‡	7.6	‡	92.4	‡		
Years of experience on current job 20 years or less More than 20		‡ ‡	‡ ‡	‡ ‡	‡ ‡	‡ ‡	‡ ‡		
Age Under 65 65 or older	2	2.0	‡ ‡	7.6 ‡	‡ ‡	92.4 ‡	‡		
Mathematics									
Total	4	4.2	2.6	5.0	12.0	95.0	88.0		
Years of experience on current job 20 years or less More than 20	;	3.1	2.3 ‡	5.3 ‡	13.8	94.7 ‡	86.2 ‡		
Age Under 65 65 or older	3	3.9 ‡	2.6	5.4 ‡	12.0	94.6 ‡	88.0 ‡		
Medicine									
Total		‡	9.5	‡	9.5	‡	90.5		
Years of experience on current job 20 years or less More than 20		‡ ‡	8.1 1.4	‡ ‡	9.8 7.5	‡ ‡	90.2 92.5		
Age Under 65 65 or older		‡ ‡	9.4 ‡	‡ ‡	9.3 ‡	‡ ‡	90.7		

Filters

2000 Carnegie code by control = Public associates

Employed full or part time at this institution = Full time

For the purposes of this table, "STEMM" classification includes teaching fields that are consistent with a relatively strict definition of "STEMM."

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; and Physical sciences, other. **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.

[‡] Reporting standards not met; insufficient number of cases.

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

		Instructional faculty and staff			Opinion: Are female faculty treated fairly at this institution?				
	(1,00		Ye.		No (%)				
Selected characteristics	Male	Female	Male	Female	Male	Female			
Science									
Total	5.8	3.1	94.6	89.3	5.4	10.7			
Years of experience on current job 20 years or less More than 20	4.0 1.7	2.7	92.4 100.0	89.1 ‡	7.6 0.0	10.9			
Age Under 65	5.3	3.0	94.2	89.1	5.8	10.9			
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 More than 20	2.0	2.1	86.0 ‡	72.3 ‡	14.0 ‡	27.7 ‡			
Age Under 65 65 or older	2.3	2.3	86.4 ‡	69.3 ‡	13.6 ‡	30.7 ‡			
Engineering									
Total	2.0	‡	83.8	‡	16.2	‡			
Years of experience on current job 20 years or less More than 20	‡ ‡	‡ ‡	‡ ‡	‡ ‡	‡ ‡	‡ ‡			
Age									
Under 65 65 or older	2.0	‡ ‡	83.8 ‡	‡ ‡	16.2 ‡	‡ ‡			
Mathematics									
Total	4.2	2.6	97.8	86.6	2.2	13.4			
Years of experience on current job 20 years or less More than 20	3.1	2.3	97.0 ‡	88.2 ‡	3.0	11.8			
Age Under 65 65 or older	3.9	2.6	97.6 ‡	86.6 ‡	2.4	13.4			
Medicine		*	*	*	,				
Total		9.5	_	67.7	_	32.3			
	‡	9.5	‡	01.1	‡	32.3			
Years of experience on current job 20 years or less More than 20	‡ ‡	8.1 1.4	‡ ‡	64.8 84.7	‡ ‡	35.2 15.3			
Age Under 65 65 or older	‡ ±	9.4 ‡	‡	67.6 ‡	‡ ‡	32.4 ‡			

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 relatively strict definition of "STEMM."

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; and Physical sciences, other.

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.

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

	Instruc faculty a	Opi	Opinion: Are minority faculty treated fairly at this institution?				
	(1,00		Ye (%		No (%)		
Selected characteristics	Male	Female	Male	Female	Male	Female	
Science							
Total	5.8	3.1	96.7	88.0	3.3	12.0	
Years of experience on current job 20 years or less	4.0	2.7	95.6	88.8	4.4	11.2	
More than 20	1.7	‡	99.2	‡	0.8	‡	
Age Under 65	5.3	3.0	96.4	87.8	3.6	12.2	
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 More than 20	2.0	2.1 ‡	97.5 ‡	70.4 ‡	2.5 ‡	29.6 ‡	
Age Under 65	2.3	2.3	97.8	67.5	2.2	32.5	
65 or older	‡.5	‡.3	\$7.6	67.5 ‡	‡	\$2.5	
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 More than 20	3.1	2.3 ‡	89.7 ‡	92.6 ‡	10.3 ‡	7.4 ‡	
Age							
Under 65 65 or older	3.9 ‡	2.6 ‡	91.9 ‡	92.1 ‡	8.1 ‡	7.9 ‡	
Medicine							
Total	‡	9.5	‡	84.8	‡	15.2	
Years of experience on current job 20 years or less More than 20	‡ ‡	8.1 1.4	‡ ‡	84.8 84.8	‡ ‡	15.2 15.2	
Age Under 65	‡	9.4	‡	84.9	‡	15.1	
65 or older	‡	‡	‡	‡	‡	‡	

2000 Carnegie code by control = Public associates

Employed full or part time at this institution = Full time

For the purposes of this table, "STEMM" classification includes teaching fields that are consistent with a relatively strict definition of "STEMM."

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; and Physical sciences, other.

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.

[‡] Reporting standards not met; insufficient number of cases.

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

	Instruc		Race/ethnicity				
	faculty a (1,00			ority %	Whi		
Selected characteristics	Male	Female	Male	76 Female	Male	Female	
Science							
Total	6.0	3.1	6.8	13.6	93.2	86.4	
Years of experience on current job 20 years or less More than 20	5.7 ‡	3.1 ‡	6.8 ‡	13.8 ‡	93.2	86.2	
Age							
Under 65 65 or older	5.4 ‡	2.9 ‡	5.6 ‡	12.0 ‡	94.4 ‡	88.0 ‡	
Technology							
Total	7.6	4.8	8.4	14.9	91.6	85.1	
Years of experience on current job 20 years or less More than 20	7.6 ‡	4.8 ‡	8.5 ‡	14.9 ‡	91.5 ‡	85.1 ‡	
Age Under 65 65 or older	7.1 ‡	4.8 ‡	9.1 ‡	14.9 ‡	90.9	85.1 ‡	
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 More than 20	8.7 ‡	6.2	17.7 ‡	7.2 ‡	82.3 ‡	92.8 ‡	
Age Under 65 65 or older	7.9 ‡	6.2	12.2 ‡	7.3 ‡	87.8 ‡	92.7 ‡	
Medicine							
Total	‡	8.8	‡	7.9	‡	92.1	
Years of experience on current job 20 years or less More than 20	‡ ‡	8.6 ‡	‡ ‡	8.1 ‡	‡ ‡	91.9	
Age Under 65 65 or older	‡ ‡	8.5 ‡	‡ ‡	7.4 ‡	‡ ‡	92.6 ‡	

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 relatively strict definition of "STEMM."

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; and Physical sciences, other.

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.

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

	Instruc	tional		Highest degree					
	faculty a (1,00			's or less		s degree %	PhD or profess %	ional	
Selected characteristics	Male	Female	Male	Female	Male	Female	Male	Female	
Science									
Total	6.0	3.1	7.5	27.2	47.8	45.3	44.7	27.5	
Years of experience on current job 20 years or less More than 20	5.7 ‡	3.1	7.9 ‡	26.4 ‡	46.1 ‡	45.8 ‡	46.0 ‡	27.8 ‡	
Age Under 65 65 or older	5.4 ‡	2.9 ‡	6.8 ‡	27.8 ‡	50.0 ‡	45.5 ‡	43.2 ‡	26.7 ‡	
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 More than 20	7.6 ‡	4.8 ‡	37.4 ‡	46.6 ‡	56.4 ‡	48.8 ‡	6.2 ‡	4.6 ‡	
Age Under 65 65 or older	7.1 ‡	4.8 ‡	37.7 ‡	46.6 ‡	55.7 ‡	48.8 ‡	6.6 ‡	4.6	
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 More than 20	8.7 ‡	6.2 ‡	16.1 ‡	8.2 ‡	76.4 ‡	90.6	7.5 ‡	1.2	
Age Under 65 65 or older	7.9 ‡	6.2	15.7 ‡	8.2 ‡	77.1 ‡	90.6	7.3 ‡	1.2	
Medicine									
Total	‡	8.8	‡	56.2	‡	41.5	‡	2.4	
Years of experience on current job 20 years or less More than 20	‡ ‡	8.6 ‡	‡ ‡	57.2 ‡	‡ ‡	40.4 ‡	‡ ‡	2.4	
Age Under 65 65 or older	‡ ±	8.5 ±	‡ ±	56.0 ‡	‡	41.6 ±	‡	2.5 ‡	

Filters

2000 Carnegie code by control = Public associates

Employed full or part time at this institution = Part time

 $\ensuremath{\ddagger}$ Reporting standards not met; insufficient number of cases.

For the purposes of this table, "STEMM" classification includes teaching fields that are consistent with a relatively strict definition of "STEMM."

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; and Physical sciences, other.

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

Mathematics fields include Mathematics/Statistics.

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

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

	Instruc		Is current P	Is current PSE job the first, and only current, PSE job?				
	faculty a (1,00			o %	Ye:			
Selected characteristics	Male	Female	Male	Female	Male	Female		
Science								
Total	4.6	‡	88.7	‡	11.3	‡		
Years of experience on current job 20 years or less More than 20	4.6 ‡	‡ ‡	88.5 ‡	‡ ‡	11.5 ‡	‡ ‡		
Age Under 65 65 or older	4.1	‡ ‡	89.1 ‡	‡ ‡	10.9 ‡	‡ ‡		
Technology								
Total	4.5	‡	75.9	‡	24.1	‡		
Years of experience on current job 20 years or less More than 20	4.4	‡ ‡	75.5 ‡	‡ ‡	24.5 ‡	‡		
Age Under 65 65 or older	4.3 ‡	‡ ‡	74.6 ‡	‡ ‡	25.4 ‡	‡ ‡		
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 More than 20	5.1 ‡	3.5 ‡	74.2 ‡	89.7 ‡	25.8 ‡	10.3		
Age Under 65 65 or older	5.0 ‡	3.6 ‡	72.0 ‡	89.9 ‡	28.0	10.1		
Medicine								
Total	‡	5.4	‡	71.9	‡	28.1		
Years of experience on current job 20 years or less More than 20	‡ ‡	5.3 ‡	‡ ‡	71.5 ‡	‡ ‡	28.5 ‡		
Age Under 65 65 or older	‡ ‡	5.3 ‡	‡ ‡	71.1 ‡	‡ ‡	28.9 ‡		

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‡ Reporting standards not met; insufficient number of cases.

For the purposes of this table, "STEMM" classification includes teaching fields that are consistent with a relatively strict definition of "STEMM."

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; and Physical sciences, other.

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.

Number and percentage distribution of part-time instructional faculty and staff in STEMM 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

	Instruc		Employment status at most recent higher education job			
	faculty a (1,00			time %	Part ti %	
Selected characteristics	Male	Female	Male	Female	Male	Female
Science						
Total	3.2	‡	18.2	‡	81.8	‡
Years of experience on current job 20 years or less More than 20	3.1	‡ ‡	18.6 ‡	‡ ‡	81.4 ‡	‡ ‡
Age Under 65	2.8	‡	15.5	‡	84.5	‡
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 More than 20	2.5 ‡	‡ ‡	8.6 ‡	‡ ‡	91.4 ‡	‡ ‡
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, "STEMM" classification includes teaching fields that are consistent with a relatively strict definition of "STEMM."

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; and Physical sciences, other.

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.

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

						(Other jobs, sector	of previous job				
	Instruct faculty ar (1,000	d staff	4- or 2-year poinstit	ution		onal institution	Hospital, for govern	nment		iness/industry %	Oth	er
Selected characteristics	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Science												
Total	5.0	‡	83.8	‡	3.9	‡	7.9	‡	1.5	‡	3.0	‡
Years of experience on current job 20 years or less More than 20	4.7 ‡	‡ ‡	84.6 ‡	‡ ‡	4.1 ‡	‡ ‡	6.6 ‡	‡ ‡	1.6 ‡	‡ ‡	3.1	‡ ‡
Age Under 65 65 or older	4.8 ‡	‡ ‡	83.3 ‡	‡	4.0 ‡	‡ ‡	8.1 ‡	‡ ‡	1.6	‡ ‡	3.1 ‡	‡ ‡
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 More than 20	6.6	4.1 ‡	62.0 ‡	80.1 ‡	4.5 ‡	3.7 ‡	11.0 ‡	3.6 ‡	21.3 ‡	10.7 ‡	1.2	1.8
Age Under 65 65 or older	6.2	4.1 ‡	60.9 ‡	80.1 ‡	3.6 ‡	3.7	11.6	3.6 ‡	22.6	10.7	1.3 ‡	1.8
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 More than 20	7.0 ‡	5.0 ‡	87.4 ‡	82.0 ‡	4.6 ‡	0.0	1.1	0.0	2.6	1.5	4.3 ‡	16.5 ‡
Age Under 65 65 or older	6.8	5.0 ‡	84.6 ‡	80.5 ‡	4.7 ‡	0.0	1.2	0.0	2.7	1.5 ‡	6.8 ‡	18.0
Medicine												
Total	‡	7.5	‡	79.3	‡	3.2	‡	10.3	‡	0.3	‡	6.9
Years of experience on current job 20 years or less More than 20	‡ ‡	7.5 ‡	‡ ‡	79.0 ‡	‡ ‡	3.3	‡ ‡	10.4	‡ ‡	0.3	‡ ‡	7.0 ‡
Age Under 65 65 or older	‡ ‡	7.3 ‡	‡ ‡	79.5 ‡	‡ ‡	2.4 ‡	‡ ‡	10.7	‡ ‡	0.3 ‡	‡ ‡	7.1 ‡

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 relatively strict definition of "STEMM."

Science fields include Agricultural, animal, food and plant sciences, Renewable natural resources; Other agriculture, Biochemistry, Biology, Boarry, Genetics; Immunology, Microbiology, Physiology, Zodogy, Biological sciences, other; Astronomy, Chemistry, Physics; Earth atmosphere and oceanographic; and Physical sciences, other. Technology fields include Architecture and information sciences; Other computer science; Engineering-related technologies and Science technologies.

Engineering fields include Architecture and environmental design; Engineering, general; Civil engineering, Bectarical and communication engineering; Mechanical 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.

Number and percentage distribution of part-time instructional faculty and staff in STEMM 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

	Instructional	Employment status of ot				other current job		
	staff (1			-time %	Part-t			
Selected characteristics	Male	Female	Male	Female	Male	Female		
Science								
Total	4.8	‡	17.9	‡	82.1	‡		
Years of experience on current job 20 years or less More than 20	4.6 ‡	‡ ‡	17.1 ‡	‡ ‡	82.9 ‡	‡ ‡		
Age Under 65 65 or older	4.7 ‡	‡ ‡	16.9 ‡	‡ ‡	83.1 ‡	‡ ‡		
Technology								
Total	6.7	4.0	29.0	22.9	71.0	77.1		
Years of experience on current job 20 years or less More than 20	6.6	4.0 ‡	29.3 ‡	22.9 ‡	70.7 ‡	77.1 ‡		
Age Under 65 65 or older	6.2	4.0	29.9 ‡	22.9 ‡	70.1 ‡	77.1 ‡		
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 More than 20	6.8 ‡	4.5 ‡	7.2 ‡	15.6 ‡	92.8 ‡	84.4		
Age Under 65 65 or older	6.5	4.5 ‡	9.7	17.3 ‡	90.3	82.7 ‡		
Medicine								
Total	‡	7.5	‡	21.1	‡	78.9		
Years of experience on current job 20 years or less More than 20	‡ ‡	7.5 ‡	‡	20.2	‡ ‡	79.8 ‡		
Age Under 65 65 or older	‡ ‡	7.3 ‡	‡ ‡	20.8	‡ ‡	79.2 ‡		

Filters

2000 Carnegie code by control = Public associates

Employed full or part time at this institution = Part time

For the purposes of this table, "STEMM" classification includes teaching fields that are consistent with a relatively strict definition of "STEMM."

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; and Physical sciences, other.

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.

[‡] Reporting standards not met; insufficient number of cases.

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

	Instruct faculty ar (1,00	nd staff	Average tot per week v (Avg>	vorked
Selected characteristics	Male	Female	Male	Female
Science				
Total	6.0	3.1	36.0	26.8
Years of experience on current job 20 years or less More than 20	5.7 ‡	3.1	36.8 ‡	27.0
Age Under 65 65 or older	5.4 ‡	2.9	36.7 ‡	26.1 ‡
Technology				
Total	7.6	4.8	36.5	42.1
Years of experience on current job 20 years or less More than 20	7.6 ‡	4.8 ‡	36.5 ‡	42.1 ‡
Age Under 65 65 or older	7.1 ‡	4.8 ‡	37.9 ‡	42.1 ‡
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 More than 20	8.7 ‡	6.2	27.7 ‡	34.5
Age Under 65 65 or older	7.9 ‡	6.2 ‡	29.6 ‡	34.8 ‡
Medicine				
Total	‡	8.8	‡	32.4
Years of experience on current job 20 years or less More than 20	‡ ‡	8.6	‡ ‡	32.2 ‡
Age Under 65 65 or older	‡ ‡	8.5 ‡	‡ ‡	32.5 ‡

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 relatively strict definition of "STEMM."

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; and Physical sciences, other.

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.

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

	Instruct faculty ar (1,00	nd staff	Hours per week on paid tasks at institution (Avg>0)	
Selected characteristics	Male	Female	Male	Female
Science				
Total	5.8	3.1	14.1	15.7
Years of experience on current job 20 years or less More than 20	5.5 ‡	3.1 ‡	14.3 ‡	15.8 ‡
Age Under 65 65 or older	5.3 ‡	2.9	13.0 ‡	15.6 ‡
Technology				
Total	7.6	4.8	11.8	11.2
Years of experience on current job 20 years or less More than 20	7.6 ‡	4.8 ‡	11.9 ‡	11.2
Age Under 65 65 or older	7.1 ‡	4.8 ‡	12.2 ‡	11.2 ‡
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 More than 20	8.7 ‡	6.0	8.9 ‡	12.7
Age Under 65 65 or older	7.9 ‡	6.0	8.9 ‡	12.7
Medicine				
Total	‡	8.8	‡	15.5
Years of experience on current job 20 years or less More than 20	‡ ‡	8.6 ‡	‡ ‡	15.0 ‡
Age Under 65 65 or older	‡ ‡	8.5 ‡	‡ ‡	15.6 ‡

Filters

2000 Carnegie code by control = Public associates

Employed full or part time at this institution = Part time

For the purposes of this table, "STEMM" classification includes teaching fields that are consistent with a relatively strict definition of "STEMM."

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; and Physical sciences, other.

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.

[‡] Reporting standards not met; insufficient number of cases.

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

	Instruc faculty a (1,00	nd staff	Hours per week of in (Avg	stitution
Selected characteristics	Male	Female	Male	Female
Science				
Total	3.4	‡	33.8	‡
Years of experience on current job 20 years or less More than 20	3.4	‡ ‡	33.7 ‡	‡ ‡
Age Under 65 65 or older	3.3	‡ ‡	35.1 ‡	‡ ‡
Technology				
Total	4.9	3.9	32.4	32.4
Years of experience on current job 20 years or less More than 20	4.9	3.9	32.7 ‡	32.4 ‡
Age Under 65 65 or older	4.7 ‡	3.9	33.3 ‡	32.4 ‡
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 More than 20	4.1	‡ ‡	34.2 ‡	‡ ‡
Age Under 65 65 or older	4.0 ‡	3.1 ‡	35.0 ‡	36.1 ‡
Medicine				
Total	‡	4.2	‡	25.6
Years of experience on current job 20 years or less More than 20	‡ ‡	4.2 ‡	‡ ‡	25.6 ‡
Age Under 65 65 or older	‡ ‡	4.1 ‡	‡ ‡	25.5 ‡

Filters

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For the purposes of this table, "STEMM" classification includes teaching fields that are consistent with a relatively strict definition of "STEMM."

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; and Physical sciences, other.

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.

 $[\]ensuremath{\ddagger}$ Reporting standards not met; insufficient number of cases.

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

	Instruc faculty aı (1,00	nd staff	Total number of classes taught (for credit and not for credit) (Avg)		
Selected characteristics	Male	Female	Male	Female	
Science					
Total	5.5	3.0	3.3	2.2	
Years of experience on current job 20 years or less More than 20	5.1 ‡	3.0	3.3 ‡	2.2	
Age Under 65 65 or older	4.9 ‡	2.8	2.8 ‡	2.3	
Technology					
Total	7.1	4.8	3.1	2.9	
Years of experience on current job 20 years or less More than 20	7.0 ‡	4.8 ‡	3.1 ‡	2.9 ‡	
Age Under 65 65 or older	6.6	4.8 ‡	3.2	2.9	
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 More than 20	8.5 ‡	6.1 ‡	3.1 ‡	2.2	
Age Under 65 65 or older	7.8 ‡	6.1 ‡	3.2 ‡	2.2	
Medicine					
Total	‡	7.3	‡	3.0	
Years of experience on current job 20 years or less More than 20	‡ ‡	7.2 ‡	‡ ‡	3.0	
Age Under 65 65 or older	‡ ‡	7.2 ‡	‡ ‡	3.0 ‡	

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‡ Reporting standards not met; insufficient number of cases.

For the purposes of this table, "STEMM" classification includes teaching fields that are consistent with a relatively strict definition of "STEMM."

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; and Physical sciences, other.

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.

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

	faculty an	Instructional faculty and staff (1,000s)		credit hours ses
Selected characteristics	Male	Female	Male	Female
Science				
Total	5.4	2.9	8.3	6.2
Years of experience on current job 20 years or less More than 20	5.1 ‡	2.9 ‡	8.4 ‡	6.2
Age Under 65 65 or older	4.9 ‡	‡ ‡	8.0 ‡	‡ ‡
Technology				
Total	7.1	4.3	9.0	11.2
Years of experience on current job 20 years or less More than 20	7.0 ‡	4.3 ‡	9.0 ‡	11.2
Age Under 65 65 or older	6.6 ‡	4.3 ‡	9.3 ‡	11.2
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 More than 20	7.6 ‡	5.9 ‡	11.5 ‡	6.0
Age Under 65 65 or older	6.8 ‡	5.9 ‡	9.3 ‡	5.9 ‡
Medicine				
Total	‡	7.2	‡	7.3
Years of experience on current job 20 years or less More than 20	‡ ‡	7.1 ‡	‡ ‡	7.2 ‡
Age Under 65 65 or older	‡ ‡	7.0 ‡	‡ ‡	7.2 ‡

Filters

2000 Carnegie code by control = Public associates

Employed full or part time at this institution = Part time

 $\ensuremath{\ddagger}$ Reporting standards not met; insufficient number of cases.

For the purposes of this table, "STEMM" classification includes teaching fields that are consistent with a relatively strict definition of "STEMM."

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; and Physical sciences, other.

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.

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

	Instructi faculty an (1,000	d staff	Total hours per w credit cla (Avg)	isses
Selected characteristics	Male	Female	Male	Female
Science				
Total	5.4	3.0	8.7	8.6
Years of experience on current job 20 years or less More than 20	5.1 ‡	3.0	8.8 ‡	8.6
Age Under 65 65 or older	4.9 ‡	2.8	8.5 ‡	8.9 ‡
Technology				
Total	7.1	4.3	8.9	7.3
Years of experience on current job 20 years or less More than 20	7.0 ‡	4.3 ‡	8.6 ‡	7.3 ‡
Age Under 65 65 or older	6.6 ‡	4.3 ‡	8.8 ‡	7.3 ‡
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 More than 20	7.6 ‡	5.9 ‡	7.9 ‡	6.7
Age Under 65 65 or older	6.8	5.9 ‡	7.9 ‡	6.6
Medicine				
Total	‡	7.2	‡	12.1
Years of experience on current job 20 years or less More than 20	‡ ‡	7.1 ‡	‡ ‡	12.1 ‡
Age Under 65 65 or older	‡ ‡	7.0 ‡	‡ ‡	11.6

Filters

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For the purposes of this table, "STEMM" classification includes teaching fields that are consistent with a relatively strict definition of "STEMM."

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; and Physical

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.

 $[\]ensuremath{\ddagger}$ Reporting standards not met; insufficient number of cases.

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

	Instructional faculty and staff (1,000s)		Total studen in credit c	lasses
Selected characteristics	Male	Female	Male	Female
Science				
Total	5.4	3.0	47.7	34.5
Years of experience on current job 20 years or less More than 20	5.1 ‡	3.0	46.7 ‡	34.7 ‡
Age Under 65 65 or older	4.9 ‡	2.8	43.6 ‡	35.5 ‡
Technology				
Total	7.1	4.3	51.4	43.1
Years of experience on current job 20 years or less More than 20	7.0 ‡	4.3 ‡	51.7 ‡	43.1 ‡
Age Under 65 65 or older	6.6 ‡	4.3 ‡	51.1 ‡	43.1 ‡
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 More than 20	7.6 ‡	5.9 ‡	58.3 ‡	50.5 ‡
Age Under 65 65 or older	6.8 ‡	5.9 ‡	59.7 ‡	49.9 ‡
Medicine				
Total	‡	7.2	‡	46.5
Years of experience on current job 20 years or less More than 20	‡ ‡	7.1 ‡	‡ ‡	45.9 ‡
Age Under 65 65 or older	‡ ‡	7.0 ‡	‡ ‡	46.5 ‡

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‡ Reporting standards not met; insufficient number of cases.

For the purposes of this table, "STEMM" classification includes teaching fields that are consistent with a relatively strict definition of "STEMM."

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; and Physical sciences, other.

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.

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

	Instruc faculty aı (1,00	nd staff	Total student contact hours per week in credit classes (Avg)		
Selected characteristics	Male	Female	Male	Female	
Science					
Total	5.4	3.0	212.9	157.6	
Years of experience on current job 20 years or less More than 20	5.1 ‡	3.0 ‡	211.6 ‡	159.0 ‡	
Age Under 65 65 or older	4.9	2.8	203.3 ‡	162.9 ‡	
Technology					
Total	7.1	4.3	200.3	133.2	
Years of experience on current job 20 years or less More than 20	7.0 ‡	4.3 ‡	198.3 ‡	133.2 ‡	
Age Under 65 65 or older	6.6 ‡	4.3 ‡	196.6 ‡	133.2 ‡	
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 More than 20	7.6 ‡	5.9 ‡	227.4 ‡	190.7 ‡	
Age Under 65 65 or older	6.8	5.9 ‡	229.6 ‡	188.9 ‡	
Medicine					
Total	‡	7.2	‡	226.9	
Years of experience on current job 20 years or less More than 20	‡ ‡	7.1 ‡	‡ ‡	225.8 ‡	
Age Under 65 65 or older	‡ ‡	7.0 ‡	‡ ‡	221.1 ‡	

Filters

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‡ Reporting standards not met; insufficient number of cases.

For the purposes of this table, "STEMM" classification includes teaching fields that are consistent with a relatively strict definition of "STEMM."

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; and Physical sciences, other.

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.

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

	Instruct faculty ar (1,00	nd staff	Total stu credit hours i	in classes
Selected characteristics	Male	Female	Male	Female
Science				
Total	5.4	2.9	213.2	118.5
Years of experience on current job 20 years or less More than 20	5.1 ‡	2.9	213.0 ‡	119.7 ‡
Age Under 65 65 or older	4.9 ‡	‡ ‡	205.6 ‡	‡ ‡
Technology				
Total	7.1	4.3	210.6	276.4
Years of experience on current job 20 years or less More than 20	7.0 ‡	4.3 ‡	212.6 ‡	276.4 ‡
Age Under 65 65 or older	6.6	4.3 ‡	216.7 ‡	276.4 ‡
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 More than 20	7.6 ‡	5.9 ‡	387.8 ‡	165.3 ‡
Age Under 65 65 or older	6.8	5.9 ‡	285.6 ‡	162.9 ‡
Medicine				
Total	‡	7.2	‡	160.3
Years of experience on current job 20 years or less More than 20	‡ ‡	7.1 ‡	‡ ‡	157.3 ‡
Age Under 65 65 or older	‡ ‡	7.0 ‡	‡ ‡	160.2 ‡

Filters

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For the purposes of this table, "STEMM" classification includes teaching fields that are consistent with a relatively strict definition of "STEMM."

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; and Physical sciences, other.

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.

[‡] Reporting standards not met; insufficient number of cases.

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

	Instruc	Any publications within the last two years?					
		faculty and staff (1,000s)		No (%)		Yes (%)	
Selected characteristics	Male	Female	Male	Female	Male	Female	
Science							
Total	6.0	3.1	56.6	76.8	43.4	23.2	
Years of experience on current job 20 years or less More than 20	5.7 ‡	3.1 ‡	56.7 ‡	76.6 ‡	43.3 ‡	23.4	
Age							
Under 65 65 or older	5.4 ‡	2.9 ‡	55.5 ‡	75.4 ‡	44.5 ‡	24.6 ‡	
Technology							
Total	7.6	4.8	77.1	95.1	22.9	4.9	
Years of experience on current job 20 years or less More than 20	7.6 ‡	4.8 ‡	76.8 ‡	95.1 ‡	23.2	4.9	
Age Under 65 65 or older	7.1 ‡	4.8 ‡	77.6 ‡	95.1 ‡	22.4 ‡	4.9	
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 More than 20	8.7 ‡	6.2 ‡	87.8 ‡	91.5 ‡	12.2 ‡	6.2	
Age Under 65 65 or older	7.9 ‡	6.2 ‡	88.5 ‡	91.5 ‡	11.5 ‡	6.2	
Medicine							
Total	‡	8.8	‡	87.3	‡	12.7	
Years of experience on current job 20 years or less More than 20	‡ ‡	8.6 ‡	‡ ‡	87.1 ‡	‡ ‡	12.9	
Age Under 65 65 or older	‡ ‡	8.5 ‡	‡ ‡	87.3 ‡	‡ ‡	12.7 ‡	

Filters

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For the purposes of this table, "STEMM" classification includes teaching fields that are consistent with a relatively strict definition of "STEMM."

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; and Physical sciences, other.

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.

[‡] Reporting standards not met; insufficient number of cases.

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

	Instruc	tional	Any presentations, exhibitions, or performances within the past two years?				
Selected characteristics	faculty a	Instructional faculty and staff (1,000s)		No (%)		Yes (%)	
	Male	Female	Male	Female	Male	Female	
Science							
Total	6.0	3.1	71.2	79.5	28.8	20.5	
Years of experience on current job							
20 years or less More than 20	5.7 ‡	3.1 ‡	71.0 ‡	79.3 ‡	29.0 ‡	20.7 ‡	
Age							
Under 65 65 or older	5.4 ‡	2.9 ‡	70.1 ‡	78.3 ‡	29.9 ‡	21.7 ‡	
Technology	•	*	*	*	T	·	
Total	7.6	4.8	82.5	83.1	17.5	16.9	
Years of experience on current job	7.0	4.0	02.3	00.1	17.5	10.5	
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	‡	4.6 ‡	\$	‡	‡	10.9	
Engineering							
Total	‡	‡	‡	‡	‡	‡	
Years of experience on current job 20 years or less More than 20	‡ ‡	‡ ‡	‡ ‡	‡ ‡	‡ ‡	‡ ‡	
Age							
Under 65 65 or older	‡ ‡	‡ ‡	‡	‡ ‡	‡ ‡	‡	
	+	+	+	+	+	+	
Mathematics Table	0.4	0.0	00.4	20.7	10.0	40.0	
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	7.0	0.0	00.0	00.0	47.0	40.4	
Under 65 65 or older	7.9 ‡	6.2 ‡	83.0 ‡	86.6 ‡	17.0 ‡	13.4 ‡	
Medicine							
Total	‡	8.8	‡	70.5	‡	29.5	
Years of experience on current job	+	3.3	1	. 0.0	Ť	23.0	
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	‡ ‡	5.5 ‡	+ ‡	70.8	‡ ‡	29.2 ‡	

Filters

2000 Carnegie code by control = Public associates

Employed full or part time at this institution = Part time

For the purposes of this table, "STEMM" classification includes teaching fields that are consistent with a relatively strict definition of "STEMM."

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; and Physical sciences, other. **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.

[‡] Reporting standards not met; insufficient number of cases.

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

Instructional faculty and staff			"If I had to do it over again, I would choose an academic career."				
Selected characteristics		(1,000s)		Disagree (%)		Agree (%)	
	Male	Female	Male	Female	Male	Female	
Science							
Total	6.0	3.1	17.0	26.1	83.0	73.9	
Years of experience on current job 20 years or less More than 20	5.7 ‡	3.1 ‡	18.0 ‡	26.4 ‡	82.0 ‡	73.6 ‡	
Age							
Under 65 65 or older	5.4 ‡	2.9 ‡	15.3 ‡	27.8 ‡	84.7 ‡	72.2 ‡	
Technology							
Total	7.6	4.8	13.5	3.8	86.5	96.2	
Years of experience on current job 20 years or less More than 20	7.6 ‡	4.8 ‡	13.6 ‡	3.8	86.4	96.2	
Age Under 65 65 or older	7.1 ‡	4.8 ‡	11.2 ‡	3.8 ‡	88.8 ‡	96.2 ‡	
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 More than 20	8.7 ‡	6.2 ‡	28.9 ‡	9.7 ‡	71.1 ‡	90.3	
Age Under 65 65 or older	7.9 ‡	6.2	24.7 ‡	10.9 ‡	75.3 ‡	89.1 ‡	
Medicine							
Total	‡	8.8	‡	9.2	‡	90.8	
Years of experience on current job 20 years or less More than 20	‡ ‡	8.6 ‡	‡ ‡	9.4 ‡	‡	90.6	
Age Under 65 65 or older	‡ ‡	8.5 ‡	‡ ‡	9.6 ‡	‡ ‡	90.4 ‡	

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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.

[‡] Reporting standards not met; insufficient number of cases.

Number and percentage distribution of part-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

Yes		Opinion: Are female faculty treated fairly at this institution?			
103		No			
(%)		(%)			
Male F	Female	Male	Female		
96.7	69.1	3.3	30.9		
96.5 ‡	68.8 ‡	3.5 ‡	31.2		
+	+	+	‡		
97.8	69.8	2.2	30.2		
\$7.5 ‡	\$	‡	\$ \$		
91.6	67.4	8.4	32.6		
31.0	07.4	0.4	02.0		
91.5	67.4	8.5	32.6		
‡	‡	‡	‡		
91.0	67.4	9.0	32.6		
‡	‡	‡	‡		
‡	‡	‡	‡		
‡	‡	‡	‡		
‡	‡	‡	‡		
+	+	+	‡		
‡	‡	‡	‡		
0.1.7	20.0				
94.7	82.9	5.3	17.1		
05.4	92.6	4.6	17.4		
			17.4		
·	·				
95.1	82.6	4.9	17.4		
‡	‡	‡	‡		
‡	86.3	‡	13.7		
·					
‡	86.0	‡	14.0		
‡	‡	‡	‡		
			14.2 ‡		
	94.7 95.4 ‡ 95.1 ‡	\$\frac{1}{2}\$ \$94.7 82.9 \begin{pmatrix} 95.4 & 82.6 & \dag \dag \dag \dag \dag \dag \dag \dag	\$\frac{1}{2}\$\$ \$\frac		

Filters

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For the purposes of this table, "STEMM" classification includes teaching fields that are consistent with a relatively strict definition of "STEMM."

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; and Physical sciences, other.

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; and Other

Mathematics fields include Mathematics/Statistics.

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

 $[\]ensuremath{\ddagger}$ Reporting standards not met; insufficient number of cases.

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

		Instructional faculty and staff (1,000s)		Opinion: Are minority faculty treated fairly at this institution?				
Selected characteristics				Yes (%)		No (%)		
	Male	Female	Male	Female	Male	Female		
Science								
Total	6.0	3.1	93.5	97.6	6.5	2.4		
Years of experience on current job 20 years or less More than 20	5.7 ‡	3.1	93.1 ‡	97.6 ‡	6.9 ‡	2.4		
Age								
Under 65 65 or older	5.4 ‡	2.9 ‡	94.2 ‡	100.0 ‡	5.8 ‡	0.0		
Technology								
Total	7.6	4.8	92.7	86.6	7.3	13.4		
Years of experience on current job 20 years or less More than 20	7.6 ‡	4.8 ‡	92.6 ‡	86.6 ‡	7.4 ‡	13.4		
Age Under 65 65 or older	7.1	4.8 ‡	93.2 ‡	86.6 ‡	6.8 ‡	13.4		
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 More than 20	8.7 ‡	6.2 ‡	92.5 ‡	84.7	7.5 ‡	15.3 ‡		
Age Under 65 65 or older	7.9 ‡	6.2	92.9	84.7 ‡	7.1 ‡	15.3 ‡		
Medicine	T	T	*	7	*			
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 65 or older	‡ ‡	8.5 ‡	‡ ‡	90.4 ‡	‡ ‡	9.6 ‡		

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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.