NATIONAL CENTER FOR EDUCATION STATISTICS

Supplemental Table Update

APRIL 2002

The original estimates in *Background Characteristics, Work Activities,* and Compensation of Faculty and Instructional Staff in Postsecondary Institutions: Fall 1998 (NCES 2001-152) were for all faculty and instructional staff (tables 1—5) and for all instructional faculty and staff (tables 6—34).

Estimates presented here reflect only those instructional faculty and staff whose principal activity was teaching in the fall 1998. Thus, tables 1—5 and tables 21—22 were not updated.

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Table 6.—Percentage distribution of instructional faculty and staff whose principal activity is teaching, by employment status, and by institution type and program area: Fall 1998

Institution type and program area	Employment	status
Institution type and program area	Full time	Part time
All institutions ¹	50.6	49.4
Public research	70.3	29.7
Private not-for-profit research	60.2	39.8
Public doctoral ²	64.8	35.3
Private not-for-profit doctoral ²	43.9	56.1
Public comprehensive	60.5	39.5
Private not-for-profit comprehensive	45.5	54.5
Private not-for-profit liberal arts	56.1	43.9
Public 2-year	35.7	64.3
Other ³	45.8	54.2
All program areas in 4-year institutions	58.3	41.7
Agriculture/home economics	70.8	29.2
Business	56.9	43.1
Education	54.8	45.2
Engineering	73.3	26.7
Fine arts	48.1	51.9
Health sciences	57.7	42.3
Humanities	57.8	42.2
Natural sciences	69.6	30.4
Social sciences	61.7	38.3
All other fields	49.8	50.2

¹All public and private, not-for-profit Title IV participating, degree-granting institutions in the 50 states and the District of Columbia.

²Includes institutions classified by the Carnegie Foundation as specialized medical schools and medical centers.

³Public liberal arts, private not-for-profit 2-year, and other specialized institutions except medical schools and medical centers.

Table 7.—Average age and percentage distribution of full-time instructional faculty and staff whose principal activity is teaching, by institution type and program area: Fall 1998

			Percent	age in each	ge in each age category			
Institution type and program area	Average Age	Under 35	35-44	45-54	55-64	65-70	71 or older	
All institutions ¹	49.5	7.0	24.4	35.9	26.9	4.8	1.0	
Public research	49.8	6.8	24.2	34.7	26.8	6.6	0.9	
Private not-for-profit research	49.8	9.4	22.9	29.8	28.3	8.0	1.7	
Public doctoral ²	49.4	7.6	26.9	33.9	23.8	6.9	0.8	
Private not-for-profit doctoral ²	48.2	10.5	26.9	33.4	24.1	3.5	1.7	
Public comprehensive	50.4	5.7	23.0	34.3	31.0	4.9	1.2	
Private not-for-profit comprehensive	49.9	7.4	22.6	35.7	29.7	4.0	0.6	
Private not-for-profit liberal arts	48.2	8.6	30.6	31.8	24.1	4.1	0.7	
Public 2-year	49.3	6.4	21.8	41.4	27.1	2.5	0.8	
Other ³	49.1	5.8	26.6	38.9	21.9	4.8	2.1	
All program areas in 4-year institutions	49.6	7.0	25.3	34.3	26.9	5.4	1.1	
Agriculture/home economics	50.5	13.9	14.6	30.2	34.0	6.3	1.0	
Business	49.3	4.8	27.6	37.2	26.0	3.6	0.8	
Education	51.0	3.3	19.3	41.0	31.2	4.8	0.5	
Engineering	48.5	9.6	28.8	32.5	22.5	5.7	0.9	
Fine arts	48.7	5.6	28.1	40.3	21.9	3.3	0.7	
Health sciences	48.4	4.9	31.1	36.7	22.9	3.4	1.0	
Humanities	49.7	9.5	23.2	29.7	29.8	7.0	0.9	
Natural sciences	50.3	6.8	25.6	31.7	26.4	7.7	1.7	
Social sciences	49.3	8.4	25.3	32.4	29.3	3.0	1.6	
All other fields	49.6	7.2	24.1	35.4	26.4	5.9	1.0	

¹All public and private, not-for-profit Title IV participating, degree-granting institutions in the 50 states and the District of Columbia.

²Includes institutions classified by the Carnegie Foundation as specialized medical schools and medical centers.

³Public liberal arts, private not-for-profit 2-year, and other specialized institutions except medical schools and medical centers.

Table 8.—Average age and percentage distribution of part-time instructional faculty and staff whose principal activity is teaching, by institution type and program area: Fall 1998

	_		Percent	age in each	n age categ	ory	
Institution type and program area	Average Age	Under 35	35-44	45-54	55-64	65-70	71 or older
All institutions ¹	48.0	13.0	25.9	34.2	18.1	5.5	3.3
Public research	47.6	16.6	27.8	23.5	21.1	8.6	2.5
Private not-for-profit research	52.6	8.2	22.1	27.3	20.8	5.0	16.6
Public doctoral ²	47.3	11.1	31.7	34.7	14.7	6.0	1.8
Private not-for-profit doctoral ²	49.5	8.4	28.1	32.3	17.1	7.3	6.9
Public comprehensive	48.6	12.6	24.1	35.1	19.3	4.4	4.5
Private not-for-profit comprehensive	48.2	17.0	23.6	30.2	18.6	5.0	5.6
Private not-for-profit liberal arts	47.0	16.6	27.6	31.1	17.3	5.3	2.2
Public 2-year	47.6	12.3	25.5	37.2	18.3	4.8	1.9
Other ³	48.5	10.9	25.8	38.8	14.7	7.1	2.8
All program areas in 4-year institutions	48.3	13.7	26.0	32.1	17.8	6.0	4.5
Agriculture/home economics							
Business	49.7	14.3	20.2	31.2	23.1	4.3	7.0
Education	52.8	3.6	14.5	40.9	27.3	9.6	4.1
Engineering	52.8	1.9	29.7	17.7	29.1	16.6	5.0
Fine arts	45.6	15.7	35.9	28.8	13.9	3.1	2.8
Health sciences	47.2	9.5	32.1	41.0	7.7	6.2	3.5
Humanities	48.5	19.9	20.9	25.8	19.9	9.1	4.5
Natural sciences	48.0	13.3	25.8	32.2	20.3	3.9	4.5
Social sciences	47.3	13.9	27.4	35.9	15.3	2.1	5.3
All other fields	48.0	14.0	28.4	31.3	15.4	6.0	4.9

⁻⁻Too few cases for a reliable estimate.

¹All public and private, not-for-profit Title IV participating, degree-granting institutions in the 50 states and the District of Columbia.

²Includes institutions classified by the Carnegie Foundation as specialized medical schools and medical centers.

³Public liberal arts, private not-for-profit 2-year, and other specialized institutions except medical schools and medical centers.

Table 9.—Percentage distribution of full-time instructional faculty and staff whose principal activity is teaching, by race/ethnicity, and by institution type and program area: Fall 1998

		R	ace/ethnicity		
Institution type and program area	American Indian/ Alaskan Native	Asian/ Pacific Islander	Black, non- Hispanic	Hispanic	White, non- Hispanic
All institutions ¹	0.8	5.0	5.3	3.3	85.6
Public research	0.4	8.1	3.5	3.2	84.8
Private not-for-profit research	0.2	4.5	5.4	2.3	87.6
Public doctoral ²	1.7	4.6	4.5	4.0	85.3
Private not-for-profit doctoral ²	1.2	7.1	4.8	3.0	83.9
Public comprehensive	0.4	6.1	6.5	3.7	83.3
Private not-for-profit comprehensive	1.5	3.4	4.5	2.1	88.4
Private not-for-profit liberal arts	1.0	3.0	5.3	1.8	88.9
Public 2-year	0.8	3.1	5.6	4.5	86.1
Other ³	0.8	5.5	8.5	1.6	83.7
All program areas in 4-year institutions	0.8	5.6	5.3	2.9	85.4
Agriculture/home economics	2.4	3.6	3.5	1.8	88.7
Business	1.9	6.2	5.7	1.2	85.0
Education	0.8	3.5	6.5	3.5	85.6
Engineering	0.7	16.1	2.3	2.6	78.3
Fine arts	0.5	2.1	7.5	1.2	88.7
Health sciences	1.0	3.6	4.7	2.1	88.6
Humanities	0.4	5.4	4.6	6.5	83.1
Natural sciences	0.2	8.5	3.8	2.0	85.5
Social sciences	1.5	5.4	5.9	3.0	84.3
All other fields	0.9	2.6	7.0	1.7	87.8

¹All public and private, not-for-profit Title IV participating, degree-granting institutions in the 50 states and the District of Columbia.

²Includes institutions classified by the Carnegie Foundation as specialized medical schools and medical centers.

³Public liberal arts, private not-for-profit 2-year, and other specialized institutions except medical schools and medical centers.

Table 10.—Percentage distribution of part-time instructional faculty and staff whose principal activity is teaching, by race/ethnicity, and by institution type and program area: Fall 1998

		R	ace/ethnicity		
Institution type and program area	American Indian/ Alaskan Native	Asian/ Pacific Islander	Black, non- Hispanic	Hispanic	White, non- Hispanic
All institutions ¹	0.8	3.1	4.5	3.9	87.7
Public research	2.3	5.0	3.1	3.4	86.2
Private not-for-profit research	#	2.5	2.1	5.3	90.2
Public doctoral ²	2.3	2.9	3.0	3.5	88.4
Private not-for-profit doctoral ²	0.5	6.5	3.8	2.4	86.8
Public comprehensive	1.3	5.7	4.2	4.0	84.8
Private not-for-profit comprehensive	0.4	1.8	2.7	2.1	93.1
Private not-for-profit liberal arts	0.2	3.4	7.4	3.3	85.7
Public 2-year	0.7	2.1	5.2	4.9	87.2
Other ³	0.2	2.7	4.3	1.9	90.9
All program areas in 4-year institutions	0.9	3.9	4.0	3.1	88.0
Agriculture/home economics					
Business	#	3.0	2.4	0.5	94.0
Education	2.7	0.4	4.0	2.6	90.2
Engineering	#	10.7	7.2	7.1	75.0
Fine arts	0.8	1.0	2.3	1.6	94.3
Health sciences	2.1	4.5	2.4	1.4	89.7
Humanities	1.1	4.5	2.2	4.4	87.8
Natural sciences	#	6.1	7.7	2.0	84.2
Social sciences	0.9	1.8	8.9	4.3	84.1
All other fields	0.5	5.8	3.0	4.8	85.9

⁻⁻Too few cases for a reliable estimate.

[#]Estimate too small to report.

¹All public and private, not-for-profit Title IV participating, degree-granting institutions in the 50 states and the District of Columbia.

²Includes institutions classified by the Carnegie Foundation as specialized medical schools and medical centers.

³Public liberal arts, private not-for-profit 2-year, and other specialized institutions except medical schools and medical centers.

Table 11.—Percentage distribution of full-time instructional faculty and staff whose principal activity is teaching, by gender, and by institution type and program area: Fall 1998

Institution tune and program area	Ger	nder
Institution type and program area	Male	Female
All institutions ¹	62.3	37.7
Public research	68.6	31.4
Private not-for-profit research	71.2	28.8
Public doctoral ²	63.8	36.2
Private not-for-profit doctoral ²	65.0	35.0
Public comprehensive	63.3	36.7
Private not-for-profit comprehensive	63.9	36.1
Private not-for-profit liberal arts	63.2	36.8
Public 2-year	51.9	48.1
Other ³	65.5	34.5
All program areas in 4-year institutions	65.7	34.3
Agriculture/home economics	83.1	16.9
Business	73.0	27.0
Education	44.2	55.8
Engineering	90.3	9.7
Fine arts	67.3	32.7
Health sciences	43.0	57.0
Humanities	57.4	42.6
Natural sciences	78.2	21.8
Social sciences	69.9	30.1
All other fields	69.0	31.0

¹All public and private, not-for-profit Title IV participating, degree-granting institutions in the 50 states and the District of Columbia.

²Includes institutions classified by the Carnegie Foundation as specialized medical schools and medical centers.

³Public liberal arts, private not-for-profit 2-year, and other specialized institutions except medical schools and medical centers.

Table 12.—Percentage distribution of part-time instructional faculty and staff whose principal activity is teaching, by gender, and by institution type and program area: Fall 1998

Institution tune and program area	Ger	nder
Institution type and program area	Male	Female
All institutions ¹	52.5	47.5
Public research	54.4	45.6
Private not-for-profit research	60.5	39.5
Public doctoral ²	45.4	54.6
Private not-for-profit doctoral ²	58.0	42.0
Public comprehensive	47.3	52.8
Private not-for-profit comprehensive	59.3	40.7
Private not-for-profit liberal arts	43.5	56.5
Public 2-year	53.1	46.9
Other ³	55.2	44.8
All program areas in 4-year institutions	52.7	47.3
Agriculture/home economics		
Business	70.7	29.3
Education	32.8	67.3
Engineering	94.8	5.2
Fine arts	47.4	52.6
Health sciences	43.8	56.3
Humanities	42.1	57.9
Natural sciences	63.2	36.8
Social sciences	57.5	42.5
All other fields	59.7	40.3

⁻⁻Too few cases for a reliable estimate.

¹All public and private, not-for-profit Title IV participating, degree-granting institutions in the 50 states and the District of Columbia.

²Includes institutions classified by the Carnegie Foundation as specialized medical schools and medical centers.

³Public liberal arts, private not-for-profit 2-year, and other specialized institutions except medical schools and medical centers.

Table 13.—Percentage distribution of full-time instructional faculty and staff whose principal activity is teaching, by U.S. citizenship status, and by institution type and program area: Fall 1998

	Citizenshi	p status
Institution type and program area	Citizen	Non- citizen
All institutions ¹	94.3	5.7
Public research	90.8	9.2
Private not-for-profit research	84.4	15.6
Public doctoral ²	93.5	6.5
Private not-for-profit doctoral ²	91.5	8.5
Public comprehensive	94.1	5.9
Private not-for-profit comprehensive	96.8	3.2
Private not-for-profit liberal arts	95.1	4.9
Public 2-year	98.6	1.4
Other ³	94.4	5.6
All program areas in 4-year institutions	93.0	7.0
Agriculture/home economics	96.8	3.2
Business	94.2	5.8
Education	98.6	1.4
Engineering	83.6	16.4
Fine arts	97.2	2.8
Health sciences	93.2	6.8
Humanities	90.9	9.1
Natural sciences	89.8	10.2
Social sciences	93.9	6.1
All other fields	95.8	4.2

¹All public and private, not-for-profit Title IV participating, degree-granting institutions in the 50 states and the District of Columbia.

²Includes institutions classified by the Carnegie Foundation as specialized medical schools and medical centers.

³Public liberal arts, private not-for-profit 2-year, and other specialized institutions except medical schools and medical centers.

Table 14.—Percentage distribution of part-time instructional faculty and staff whose principal activity is teaching, by U.S. citizenship status, and by institution type and program area: Fall 1998

	Citizenship	status
Institution type and program area	Citizen	Non- citizen
All institutions ¹	96.9	3.1
Public research	93.6	6.4
Private not-for-profit research	92.5	7.5
Public doctoral ²	97.6	2.4
Private not-for-profit doctoral ²	97.1	2.9
Public comprehensive	95.0	5.0
Private not-for-profit comprehensive	97.8	2.2
Private not-for-profit liberal arts	96.1	3.9
Public 2-year	98.3	1.6
Other ³	96.1	3.9
All program areas in 4-year institutions	95.7	4.3
Agriculture/home economics		
Business	98.1	1.9
Education	99.8	0.2
Engineering	95.3	4.7
Fine arts	97.2	2.8
Health sciences	97.8	2.2
Humanities	93.4	6.6
Natural sciences	92.5	7.5
Social sciences	97.2	2.8
All other fields	93.8	6.2

⁻⁻ Too few cases for a reliable estimate.

¹All public and private, not-for-profit Title IV participating, degree-granting institutions in the 50 states and the District of Columbia.

²Includes institutions classified by the Carnegie Foundation as specialized medical schools and medical centers.

³Public liberal arts, private not-for-profit 2-year, and other specialized institutions except medical schools and medical centers.

Table 15.—Percentage distribution of full-time instructional faculty and staff whose principal activity is teaching, by academic rank, and by institution type and program area: Fall 1998

	Academic rank				
Institution type and program area	Full professor	Associate professor	Assistant professor	Instructor or lecturer	Other ranks/ not applicable
All institutions ¹	29.9	23.6	23.0	18.6	4.9
Public research	35.9	28.7	21.6	11.9	2.0
Private not-for-profit research	43.1	24.9	19.8	10.4	1.7
Public doctoral ²	28.8	26.6	29.5	12.9	2.3
Private not-for-profit doctoral ²	28.4	32.2	22.3	12.8	4.4
Public comprehensive	32.9	27.5	27.3	11.7	0.6
Private not-for-profit comprehensive	34.0	28.1	27.3	8.0	2.6
Private not-for-profit liberal arts	25.3	26.9	34.2	10.6	3.1
Public 2-year	22.5	12.1	11.5	42.3	11.6
Other ³	26.4	20.7	26.4	14.4	12.1
All program areas in 4-year institutions	32.3	27.2	26.5	11.3	2.7
Agriculture/home economics	52.1	20.1	21.1	4.7	2.1
Business	24.7	33.0	23.4	16.5	2.5
Education	26.7	29.2	31.0	10.2	3.0
Engineering	35.9	33.2	21.9	7.3	1.7
Fine arts	29.1	31.9	27.2	7.0	4.8
Health sciences	16.7	35.3	34.4	12.1	1.5
Humanities	30.9	22.9	27.2	16.9	2.2
Natural sciences	40.1	26.1	21.8	9.6	2.5
Social sciences	38.9	24.3	28.9	5.2	2.6
All other fields	35.1	22.4	25.3	13.7	3.6

¹All public and private, not-for-profit Title IV participating, degree-granting institutions in the 50 states and the District of Columbia.

²Includes institutions classified by the Carnegie Foundation as specialized medical schools and medical centers.

³Public liberal arts, private not-for-profit 2-year, and other specialized institutions except medical schools and medical centers.

Table 16.—Percentage distribution of part-time instructional faculty and staff whose principal activity is teaching, by academic rank, and by institution type and program area: Fall 1998

		ı	Academic ra	nk	
Institution type and program area	Full professor	Associate professor	Assistant professor	Instructor or lecturer	Other ranks/ not applicable
All institutions ¹	6.9	4.1	4.9	62.7	21.4
Public research	9.3	9.5	7.1	57.5	16.6
Private not-for-profit research	19.4	6.0	12.8	44.5	17.3
Public doctoral ²	7.0	8.3	14.1	51.8	18.8
Private not-for-profit doctoral ²	12.2	7.3	7.3	44.6	28.6
Public comprehensive	6.3	4.0	3.8	60.5	25.5
Private not-for-profit comprehensive	7.3	6.7	10.0	48.0	28.0
Private not-for-profit liberal arts	4.5	3.3	5.7	66.3	20.1
Public 2-year	5.0	1.7	1.4	73.5	18.4
Other ³	9.7	4.2	6.1	51.4	28.6
All program areas in 4-year institutions	8.3	6.0	7.7	54.6	23.4
Agriculture/home economics					
Business	7.2	6.3	4.1	54.3	28.2
Education	6.0	3.5	6.1	53.1	31.2
Engineering	15.9	12.5	1.0	35.3	35.3
Fine arts	7.9	3.3	8.1	63.8	17.0
Health sciences	11.8	15.1	21.6	40.7	10.8
Humanities	7.7	3.9	5.1	62.1	21.2
Natural sciences	9.8	5.8	6.2	55.0	23.1
Social sciences	5.3	6.9	8.3	51.8	27.8
All other fields	9.3	5.1	6.9	51.9	26.9

⁻⁻ Too few cases for a reliable estimate.

¹All public and private, not-for-profit Title IV participating, degree-granting institutions in the 50 states and the District of Columbia.

²Includes institutions classified by the Carnegie Foundation as specialized medical schools and medical centers.

³Public liberal arts, private not-for-profit 2-year, and other specialized institutions except medical schools and medical centers.

Table 17.—Percentage distribution of full-time instructional faculty and staff whose principal activity is teaching, by tenure status, and by institution type and program area: Fall 1998

	Tenure status						
Institution type and program area	Tenured	On tenure track	Not on tenure track	No tenure system at institution			
All institutions ¹	54.8	20.1	13.9	11.2			
Public research	62.6	19.3	17.8	0.4			
Private not-for-profit research	60.2	15.7	20.8	3.4			
Public doctoral ²	53.2	23.4	22.8	0.7			
Private not-for-profit doctoral ²	48.4	24.3	18.1	9.2			
Public comprehensive	63.1	22.5	13.4	1.0			
Private not-for-profit comprehensive	53.5	21.0	14.7	10.8			
Private not-for-profit liberal arts	41.8	25.6	17.4	15.3			
Public 2-year	52.4	15.8	5.3	26.6			
Other ³	42.0	19.0	9.0	30.0			
All program areas in 4-year institutions	55.8	21.6	16.6	6.1			
Agriculture/home economics	76.8	11.5	4.9	6.8			
Business	51.2	23.2	18.5	7.1			
Education	52.0	26.1	15.2	6.7			
Engineering	64.3	23.6	9.7	2.4			
Fine arts	58.1	22.8	11.1	8.1			
Health sciences	43.6	19.9	27.9	8.6			
Humanities	52.5	23.0	18.8	5.7			
Natural sciences	62.0	17.8	14.1	6.2			
Social sciences	60.7	23.9	11.3	4.2			
All other fields	53.3	20.1	21.0	5.5			

¹All public and private, not-for-profit Title IV participating, degree-granting institutions in the 50 states and the District of Columbia.

²Includes institutions classified by the Carnegie Foundation as specialized medical schools and medical centers.

³Public liberal arts, private not-for-profit 2-year, and other specialized institutions except medical schools and medical centers.

Table 18.—Percentage distribution of part-time instructional faculty and staff whose principal activity is teaching, by tenure status, and by institution type and program area: Fall 1998

		Tenure	status	
Institution type and program area	Tenured	On tenure track	Not on tenure track	No tenure system at institution
All institutions ¹	3.4	1.5	78.5	16.7
Public research	8.0	1.4	89.2	1.4
Private not-for-profit research	5.9	0.0	82.0	12.1
Public doctoral ²	3.7	1.5	90.2	4.6
Private not-for-profit doctoral ²	3.9	2.4	80.2	13.5
Public comprehensive	4.7	0.7	87.7	6.9
Private not-for-profit comprehensive	3.0	0.9	82.1	14.0
Private not-for-profit liberal arts	2.0	0.9	88.6	8.4
Public 2-year	1.8	1.7	72.0	24.5
Other ³	5.8	2.4	65.3	26.4
All program areas in 4-year institutions	4.7	1.2	84.4	9.6
Agriculture/home economics				
Business	3.9	1.6	82.9	11.6
Education	5.1	1.6	84.2	9.1
Engineering	10.0	1.0	87.6	1.3
Fine arts	3.6	0.9	80.7	14.8
Health sciences	7.8	3.0	80.9	8.2
Humanities	5.7	0.3	88.7	5.3
Natural sciences	5.4	0.2	80.3	14.0
Social sciences	3.8	2.0	87.8	6.3
All other fields	2.6	1.4	85.4	10.6

⁻⁻ Too few cases for a reliable estimate.

¹All public and private, not-for-profit Title IV participating, degree-granting institutions in the 50 states and the District of Columbia.

²Includes institutions classified by the Carnegie Foundation as specialized medical schools and medical centers.

³Public liberal arts, private not-for-profit 2-year, and other specialized institutions except medical schools and medical centers.

Table 19.—Percentage distribution of full-time instructional faculty and staff whose principal activity is teaching, by highest educational credential attained, and by institution type and program area: Fall 1998

	Highest credential attained					
Institution type and program area	Ph.D. or first- professional	Master's degree	Bachelor's or less			
All institutions ¹	62.2	32.0	5.8			
Public research	81.5	16.8	1.8			
Private not-for-profit research	86.6	11.0	2.4			
Public doctoral ²	79.7	19.3	1.1			
Private not-for-profit doctoral ²	83.8	15.4	0.8			
Public comprehensive	73.4	24.8	1.9			
Private not-for-profit comprehensive	71.8	27.2	1.1			
Private not-for-profit liberal arts	64.2	34.1	1.7			
Public 2-year	20.4	61.0	18.5			
Other ³	59.5	34.6	5.9			
All program areas in 4-year institutions	75.3	22.8	1.8			
Agriculture/home economics	84.7	13.6	1.6			
Business	68.0	31.5	0.6			
Education	82.3	17.3	0.4			
Engineering	80.6	15.2	4.3			
Fine arts	38.1	59.3	2.6			
Health sciences	68.6	28.4	3.0			
Humanities	79.4	19.5	1.1			
Natural sciences	83.0	16.2	0.8			
Social sciences	90.1	9.1	0.8			
All other fields	69.6	25.9	4.5			

¹All public and private, not-for-profit Title IV participating, degree-granting institutions in the 50 states and the District of Columbia.

²Includes institutions classified by the Carnegie Foundation as specialized medical schools and medical centers.

³Public liberal arts, private not-for-profit 2-year, and other specialized institutions except medical schools and medical centers.

Table 20.—Percentage distribution of part-time instructional faculty and staff whose principal activity is teaching, by highest educational credential attained, and by institution type and program area: Fall 1998

	Highes	t credential attain	ed
Institution type and program area	Ph.D. or first- professional	Master's degree	Bachelor's or less
All institutions ¹	25.1	55.8	19.2
Public research	44.4	47.5	8.2
Private not-for-profit research	54.4	33.6	12.0
Public doctoral ²	46.9	46.3	6.8
Private not-for-profit doctoral ²	45.6	43.4	11.0
Public comprehensive	28.1	59.7	12.1
Private not-for-profit comprehensive	28.7	63.1	8.2
Private not-for-profit liberal arts	26.7	57.4	15.9
Public 2-year	11.0	59.2	29.8
Other ³	34.1	50.5	15.5
All program areas in 4-year institutions	36.1	52.8	11.2
Agriculture/home economics			
Business	21.1	70.7	8.2
Education	38.2	55.6	6.2
Engineering	66.5	25.5	8.1
Fine arts	13.4	57.4	29.2
Health sciences	51.7	40.3	8.0
Humanities	32.3	63.5	4.2
Natural sciences	36.0	53.5	10.5
Social sciences	50.5	46.6	2.9
All other fields	41.9	42.8	15.3

⁻⁻ Too few cases for a reliable estimate.

¹All public and private, not-for-profit Title IV participating, degree-granting institutions in the 50 states and the District of Columbia.

²Includes institutions classified by the Carnegie Foundation as specialized medical schools and medical centers.

³Public liberal arts, private not-for-profit 2-year, and other specialized institutions except medical schools and medical centers.

Tables 21 and 22 were not updated for these supplemental tables.

Table 23.—Average number of hours instructional faculty and staff whose principal activity is teaching worked per week, by employment status, and by institution type and program area: Fall 1998

Institution to the and program area	Average hours work	ked per week
Institution type and program area	Full time	Part time
All institutions ¹	52.1	36.7
Public research	54.2	39.6
Private not-for-profit research	52.7	37.0
Public doctoral ²	55.5	37.4
Private not-for-profit doctoral ²	51.8	38.8
Public comprehensive	52.0	39.2
Private not-for-profit comprehensive	51.3	34.2
Private not-for-profit liberal arts	53.0	37.1
Public 2-year	49.0	35.5
Other ³	52.2	37.2
All program areas in 4-year institutions	53.1	37.7
Agriculture/home economics	49.2	
Business	50.4	39.0
Education	53.6	34.8
Engineering	54.0	41.1
Fine arts	55.0	36.4
Health sciences	55.1	39.9
Humanities	51.6	35.0
Natural sciences	53.4	37.0
Social sciences	52.4	38.1
All other fields	54.2	41.5

⁻⁻Too few cases for a reliable estimate.

NOTE: This table includes only faculty and staff with instructional responsibilities for credit (e.g., teaching one or more classes for credit, or advising or supervising students' academic activities) and whose principal activity is teaching. The average number of hours worked per week includes all paid and unpaid hours worked at the postsecondary institution and all paid and unpaid hours worked outside of the postsecondary institution.

¹All public and private, not-for-profit Title IV participating, degree-granting institutions in the 50 states and the District of Columbia.

²Includes institutions classified by the Carnegie Foundation as specialized medical schools and medical centers.

³Public liberal arts, private not-for-profit 2-year, and other specialized institutions except medical schools and medical centers.

Table 24.—Percentage distribution of full-time instructional faculty and staff whose principal activity is teaching, by time spent on various activities, and by institution type and program area: Fall 1998

		Percentage of tir	me spent on:	
Institution type and program area	Teaching activities	Research activities	Admin- istrative activities	Other activities
All institutions ¹	68.1	11.0	9.1	11.8
Public research	60.9	18.7	9.0	11.4
Private not-for-profit research	58.5	20.8	11.0	9.7
Public doctoral ²	61.2	15.6	9.7	13.5
Private not-for-profit doctoral ²	60.2	16.0	9.7	14.2
Public comprehensive	69.2	10.6	8.2	12.1
Private not-for-profit comprehensive	68.6	8.9	9.5	13.0
Private not-for-profit liberal arts	71.4	8.6	10.2	9.9
Public 2-year	76.7	3.6	8.3	11.4
Other ³	69.0	7.4	10.7	12.9
All program areas in 4-year institutions	65.4	13.3	9.4	11.9
Agriculture/home economics	58.6	12.9	9.4	19.1
Business	65.7	12.8	8.6	12.9
Education	67.3	10.1	9.8	12.8
Engineering	64.9	16.7	7.3	11.2
Fine arts	64.8	12.6	9.2	13.4
Health sciences	59.2	11.9	9.9	19.0
Humanities	69.2	13.1	8.8	8.9
Natural sciences	68.2	13.8	9.1	8.8
Social sciences	62.9	16.7	9.6	10.8
All other fields	62.8	12.3	11.3	13.6

¹All public and private, not-for-profit Title IV participating, degree-granting institutions in the 50 states and the District of Columbia.

²Includes institutions classified by the Carnegie Foundation as specialized medical schools and medical centers.

³Public liberal arts, private not-for-profit 2-year, and other specialized institutions except medical schools and medical centers.

Table 25.—Percentage distribution of part-time instructional faculty and staff whose principal activity is teaching, by time spent on various activities, and by institution type and program area:

Fall 1998

	Percentage of time spent on:					
Institution type and program area	Teaching activities	Research activities	Admin- istrative activities	Other activities		
All institutions ¹	63.5	4.4	2.9	29.3		
Public research	60.6	7.4	3.1	28.9		
Private not-for-profit research	44.4	5.1	4.9	45.6		
Public doctoral ²	60.3	6.2	3.7	29.8		
Private not-for-profit doctoral ²	54.5	7.5	3.6	34.3		
Public comprehensive	63.1	5.3	1.9	29.7		
Private not-for-profit comprehensive	65.4	5.1	2.6	26.9		
Private not-for-profit liberal arts	64.2	4.7	3.5	27.6		
Public 2-year	67.3	3.0	2.6	27.1		
Other ³	57.5	3.5	3.5	35.5		
All program areas in 4-year institutions	60.4	5.5	3.1	31.0		
Agriculture/home economics						
Business	60.5	1.5	2.0	36.0		
Education	66.9	3.3	5.4	24.4		
Engineering	62.2	6.3	2.5	29.0		
Fine arts	54.6	8.0	1.8	35.6		
Health sciences	53.0	4.3	5.4	37.3		
Humanities	67.3	7.3	2.2	23.3		
Natural sciences	67.8	5.5	2.6	24.2		
Social sciences	62.1	7.8	3.2	26.9		
All other fields	51.4	4.6	3.3	40.7		

⁻⁻Too few cases for a reliable estimate.

¹All public and private, not-for-profit Title IV participating, degree-granting institutions in the 50 states and the District of Columbia.

²Includes institutions classified by the Carnegie Foundation as specialized medical schools and medical centers.

³Public liberal arts, private not-for-profit 2-year, and other specialized institutions except medical schools and medical centers.

Table 26.—Average number of classroom hours and student contact hours per week in for-credit classes for full-time instructional faculty and staff whose principal activity is teaching, by institution type and program area: Fall 1998

Institution type and program area	Average classroom	Average student contact hours
	hours per week	per week ¹
All institutions ²	12.4	353
Public research	8.8	331
Private not-for-profit research	7.3	292
Public doctoral ³	10.3	345
Private not-for-profit doctoral ³	9.7	341
Public comprehensive	11.8	342
Private not-for-profit comprehensive	11.2	268
Private not-for-profit liberal arts	12.4	292
Public 2-year	18.2	452
Other ⁴	12.3	343
All program areas in 4-year institutions	10.6	323
Agriculture/home economics	11.3	495
Business	10.6	389
Education	10.8	282
Engineering	9.4	242
Fine arts	12.3	280
Health sciences	11.5	420
Humanities	10.1	248
Natural sciences	10.0	355
Social sciences	9.9	339
All other fields	11.1	325

¹Number of hours per week spent teaching for-credit classes multiplied by the number of students in those classes.

NOTE: This table includes only faculty and staff with instructional responsibilities who taught credit classes and whose principal activity is teaching.

²All public and private, not-for-profit Title IV participating, degree-granting institutions in the 50 states and the District of Columbia.

³Includes institutions classified by the Carnegie Foundation as specialized medical schools and medical centers.

⁴Public liberal arts, private not-for-profit 2-year, and other specialized institutions except medical schools and medical centers.

Table 27.—Average number of classroom hours and student contact hours per week in for-credit classes for part-time instructional faculty and staff whose principal activity is teaching, by institution type and program area: Fall 1998

Institution type and program area	Average classroom hours per week	Average student contact hours per week ¹
All institutions ²	7.3	173
Public research	6.0	210
Private not-for-profit research	5.8	122
Public doctoral ³	7.2	219
Private not-for-profit doctoral ³	5.8	128
Public comprehensive	6.4	184
Private not-for-profit comprehensive	6.6	132
Private not-for-profit liberal arts	6.2	128
Public 2-year	8.4	188
Other ⁴	6.8	156
All program areas in 4-year institutions	6.4	164
Agriculture/home economics		
Business	6.7	158
Education	6.1	126
Engineering	4.7	99
Fine arts	6.4	139
Health sciences	8.3	292
Humanities	6.2	149
Natural sciences	6.7	197
Social sciences	6.2	182
All other fields	5.8	130

⁻⁻ Too few cases for a reliable estimate.

NOTE: This table includes only faculty and staff with instructional responsibilities who taught credit classes and whose principal activity is teaching.

¹Number of hours per week spent teaching for-credit classes multiplied by the number of students in those classes.

²All public and private, not-for-profit Title IV participating, degree-granting institutions in the 50 states and the District of Columbia.

³Includes institutions classified by the Carnegie Foundation as specialized medical schools and medical centers.

⁴Public liberal arts, private not-for-profit 2-year, and other specialized institutions except medical schools and medical centers.

Table 28.—Average number of publications and presentations in the past two years by full-time instructional faculty and staff whose principal activity is teaching, by institution type and program area: Fall 1998

		Publication	ons and prese	ntations	
Institution type and program area	Refereed or juried publications	Nonrefereed or nonjuried publications	Published reviews of material	Books, monographs, and reports	Presentations and exhibits
All institutions ¹	2.8	1.9	1.1	0.9	8.8
Public research	5.4	2.8	1.7	1.4	12.5
Private not-for-profit research	5.1	3.4	2.2	1.2	13.2
Public doctoral ²	4.4	2.3	1.6	1.2	11.1
Private not-for-profit doctoral ²	3.4	2.0	1.4	1.0	9.9
Public comprehensive	2.4	1.9	1.1	0.8	8.8
Private not-for-profit comprehensive	2.0	2.0	1.1	0.9	8.4
Private not-for-profit liberal arts	2.0	1.3	0.8	0.7	7.5
Public 2-year	0.6	0.9	0.3	0.6	5.0
Other ³	1.7	2.5	1.3	0.8	7.7
All program areas in 4-year institutions	3.4	2.3	1.4	1.0	10.1
Agriculture/home economics	4.2	5.8	1.1	1.2	10.9
Business	2.9	2.0	0.8	0.8	7.1
Education	2.6	2.7	1.0	1.1	15.8
Engineering	6.5	3.6	0.9	2.5	9.7
Fine arts	2.7	1.7	1.1	0.7	19.6
Health sciences	3.8	2.0	1.1	0.9	12.5
Humanities	2.9	2.2	2.3	0.8	7.7
Natural sciences	4.2	1.3	0.8	0.6	6.3
Social sciences	3.5	2.4	2.0	1.3	10.4
All other fields	2.7	3.0	1.5	1.3	8.9

¹All public and private, not-for-profit Title IV participating, degree-granting institutions in the 50 states and the District of Columbia.

NOTE: This table includes only faculty and staff with instructional responsibilities for credit (e.g., teaching one or more classes for credit, or advising or supervising students' academic activities) and whose principal activity is teaching. All instructional faculty and staff are included in averages regardless of whether they had that type of academic activity.

²Includes institutions classified by the Carnegie Foundation as specialized medical schools and medical centers.

³Public liberal arts, private not-for-profit 2-year, and other specialized institutions except medical schools and medical centers.

Table 29.—Average number of publications and presentations in the past two years by part-time instructional faculty and staff whose principal activity is teaching, by institution type and program area: Fall 1998

	Publications and presentations				
Institution type and program area	Refereed or juried publications	Nonrefereed or nonjuried publications	Published reviews of material	Books, monographs, and reports	Presentations and exhibits
All institutions ¹	1.0	1.2	0.4	0.7	6.4
Public research	2.1	1.6	0.6	0.9	8.4
Private not-for-profit research	2.2	3.3	0.9	0.8	15.1
Public doctoral ²	1.6	1.4	0.5	0.5	6.7
Private not-for-profit doctoral ²	1.1	1.5	0.8	0.7	10.3
Public comprehensive	1.1	1.4	0.4	1.0	8.2
Private not-for-profit comprehensive	0.9	1.3	0.6	0.7	8.6
Private not-for-profit liberal arts	1.1	1.1	0.4	0.3	6.3
Public 2-year	0.6	0.7	0.2	0.5	4.3
Other ³	1.0	1.8	0.6	0.6	5.6
All program areas in 4-year institutions	1.3	1.6	0.5	0.7	8.1
Agriculture/home economics					
Business	0.9	1.5	0.1	0.9	5.3
Education	0.6	1.1	0.3	0.8	8.2
Engineering	2.1	1.7	0.2	2.5	6.8
Fine arts	1.3	0.8	0.7	0.5	18.3
Health sciences	2.2	1.3	0.5	0.5	7.8
Humanities	1.5	1.9	0.9	0.6	3.9
Natural sciences	1.6	1.6	0.4	0.5	3.2
Social sciences	1.2	1.4	0.5	1.0	9.5
All other fields	1.0	2.3	0.6	0.7	9.3

⁻⁻Too few cases for a reliable estimate.

NOTE: This table includes only faculty and staff with instructional responsibilities for credit (e.g., teaching one or more classes for credit, or advising or supervising students' academic activities) and whose principal activity is teaching. All instructional faculty and staff are included in averages regardless of whether they had that type of academic activity.

¹All public and private, not-for-profit Title IV participating, degree-granting institutions in the 50 states and the District of Columbia.

²Includes institutions classified by the Carnegie Foundation as specialized medical schools and medical centers.

³Public liberal arts, private not-for-profit 2-year, and other specialized institutions except medical schools and medical centers.

Table 30.—Average income of full-time instructional faculty and staff whose principal activity is teaching, by source of income, and by institution type and program area: Calendar Year 1998

			Source of i	ncome	
Institution type and program area	Total earned income	Basic salary from institution	Other income from institution	Outside consulting income	Other outside income
All institutions ¹	\$61,579	\$50,782	\$3,838	\$1,594	\$5,365
Public research	72,112	59,897	4,561	2,021	5,633
Private not-for-profit research	89,039	70,479	6,662	4,960	6,938
Public doctoral ²	67,082	54,533	4,049	1,847	6,653
Private not-for-profit doctoral ²	73,276	58,431	3,661	3,339	7,845
Public comprehensive	58,029	48,804	3,677	1,127	4,420
Private not-for-profit comprehensive	60,142	49,111	2,860	2,300	5,871
Private not-for-profit liberal arts	50,452	43,060	2,366	803	4,223
Public 2-year	53,928	44,297	4,001	943	4,688
Other ³	55,199	44,812	2,922	864	6,601
All program areas in 4-year institutions	\$64,061	\$52,907	\$3,793	\$1,801	\$5,561
Agriculture/home economics	64,963	57,478	2,956	1,475	3,054
Business	74,055	57,856	6,311	4,074	5,814
Education	57,285	46,526	3,987	1,757	5,015
Engineering	76,384	61,517	6,298	3,687	4,883
Fine arts	53,877	44,799	2,449	1,029	5,601
Health sciences	74,300	58,573	2,949	1,141	11,637
Humanities	53,077	46,887	2,438	494	3,257
Natural sciences	64,003	54,326	3,771	1,204	4,701
Social sciences	69,683	57,108	3,956	2,941	5,677
All other fields	66,179	53,345	4,304	2,352	6,178

¹All public and private, not-for-profit Title IV participating, degree-granting institutions in the 50 states and the District of Columbia.

NOTE: This table includes only faculty and staff with instructional responsibilities for credit (e.g., teaching one or more classes for credit, or advising or supervising students' academic activities) and whose principal activity is teaching. All instructional faculty and staff are included in averages regardless of whether they had that type of income. Income is for the 1998 calendar year for instructional faculty and staff employed in the fall of 1998. Details may not sum to total because of rounding.

²Includes institutions classified by the Carnegie Foundation as specialized medical schools and medical centers.

³Public liberal arts, private not-for-profit 2-year, and other specialized institutions except medical schools and medical centers.

Table 31.—Average income of part-time instructional faculty and staff whose principal activity is teaching, by source of income, and by institution type and program area: Calendar Year 1998

		Source of income			
Institution type and program area	Total earned income	Basic salary from institution	Other income from institution	Outside consulting income	Other outside income
All institutions ¹	\$44,650	\$10,626	\$765	\$1,910	\$31,348
Public research	49,671	15,211	1,311	3,874	29,275
Private not-for-profit research	61,775	14,039	232	2,327	45,156
Public doctoral ²	54,487	15,448	1,056	3,385	34,598
Private not-for-profit doctoral ²	58,388	11,398	586	4,130	42,274
Public comprehensive	42,151	8,984	832	1,727	30,611
Private not-for-profit comprehensive	44,994	10,387	683	1,986	31,939
Private not-for-profit liberal arts	39,187	10,807	737	1,223	26,420
Public 2-year	40,739	9,465	695	1,170	29,409
Other ³	49,248	10,033	733	2,512	35,970
All program areas in 4-year institutions	\$47,734	\$11,560	\$821	\$2,507	\$32,847
Agriculture/home economics					
Business	62,645	13,490	1,144	4,385	43,627
Education	46,580	9,637	836	1,384	34,723
Engineering	66,671	14,276	1,081	8,976	42,338
Fine arts	36,830	9,627	740	1,553	24,911
Health sciences	67,981	18,952	739	3,005	45,285
Humanities	30,192	11,062	843	888	17,400
Natural sciences	42,675	12,326	635	2,031	27,684
Social sciences	48,561	11,024	598	2,402	34,537
All other fields	55,933	8,876	842	3,756	42,460

⁻⁻ Too few cases for a reliable estimate.

NOTE: This table includes only faculty and staff with instructional responsibilities for credit (e.g., teaching one or more classes for credit, or advising or supervising students' academic activities) and whose principal activity is teaching. All instructional faculty and staff are included in averages regardless of whether they had that type of income. Income is for the 1998 calendar year for instructional faculty and staff employed in the fall of 1998. Details may not sum to total because of rounding.

¹All public and private, not-for-profit Title IV participating, degree-granting institutions in the 50 states and the District of Columbia.

²Includes institutions classified by the Carnegie Foundation as specialized medical schools and medical centers.

³Public liberal arts, private not-for-profit 2-year, and other specialized institutions except medical schools and medical centers.

Table 32.—Average income from the institution other than basic salary for instructional faculty and staff whose principal activity is teaching who earned that type of income, by employment status, and by institution type and program area: Calendar Year 1998

Institution type and program area	Other income fro	Other income from institution	
	Full time	Part time	
All institutions ¹	\$7,234	\$4,542	
Public research	9,466	5,478	
Private not-for-profit research	13,310		
Public doctoral ²	8,066		
Private not-for-profit doctoral ²	7,237	3,797	
Public comprehensive	6,917	4,553	
Private not-for-profit comprehensive	5,300	5,187	
Private not-for-profit liberal arts	4,387	4,582	
Public 2-year	6,733	4,009	
Other ³	5,946	4,044	
All program areas in 4-year institutions	\$7,428	\$4,964	
Agriculture/home economics	7,553		
Business	9,522	6,865	
Education	6,622	5,993	
Engineering	11,977		
Fine arts	5,357	3,696	
Health sciences	8,320		
Humanities	4,981	4,133	
Natural sciences	7,721	4,901	
Social sciences	7,886	3,195	
All other fields	7,348	5,257	

⁻⁻Too few cases for a reliable estimate.

NOTE: This table includes only faculty and staff with instructional responsibilities for credit (e.g., teaching one or more classes for credit, or advising or supervising students' academic activities) who earned income from the institution other than their basic salary and whose principal activity is teaching. This included income from additional teaching activities, e.g., for summer session, or from supplements not included in basic salary, administration, research, or coaching sports; the estimated value of nonmonetary compensation, e.g., food, housing, or car; and any other income from the institution. Income is for the 1998 calendar year for instructional faculty and staff employed in the fall of 1998.

¹All public and private, not-for-profit Title IV participating, degree-granting institutions in the 50 states and the District of Columbia.

²Includes institutions classified by the Carnegie Foundation as specialized medical schools and medical centers.

³Public liberal arts, private not-for-profit 2-year, and other specialized institutions except medical schools and medical centers.

Table 33.—Average consulting income for instructional faculty and staff whose principal activity is teaching who earned that type of income, by employment status, and by institution type and program area: Calendar Year 1998

Institution type and program area	Consulting income	
	Full time	Part time
All institutions ¹	\$7,521	\$10,443
Public research	7,746	19,717
Private not-for-profit research	15,239	
Public doctoral ²	7,077	16,252
Private not-for-profit doctoral ²	11,866	16,674
Public comprehensive	5,204	8,827
Private not-for-profit comprehensive	10,163	9,885
Private not-for-profit liberal arts	4,749	6,026
Public 2-year	6,558	7,678
Other ³	4,994	11,918
All program areas in 4-year institutions	\$7,693	\$12,066
Agriculture/home economics		
Business	12,228	15,821
Education	5,645	6,156
Engineering	11,131	
Fine arts	4,538	6,823
Health sciences	5,759	15,533
Humanities	3,433	4,595
Natural sciences	6,815	14,110
Social sciences	10,551	12,543
All other fields	8,273	17,799

⁻⁻Too few cases for a reliable estimate.

NOTE: This table includes only faculty and staff with instructional responsibilities for credit (e.g., teaching one or more classes for credit, or advising or supervising students' academic activities) who earned income from consulting and whose principal activity is teaching. Income is for the 1998 calendar year for instructional faculty and staff employed in the fall of 1998

¹All public and private, not-for-profit Title IV participating, degree-granting institutions in the 50 states and the District of Columbia.

²Includes institutions classified by the Carnegie Foundation as specialized medical schools and medical centers.

³Public liberal arts, private not-for-profit 2-year, and other specialized institutions except medical schools and medical centers.

Table 34.—Average income from outside the institution other than consulting income for instructional faculty and staff whose principal activity is teaching who earned that type of income, by employment status, and by institution type and program area:

Calendar Year 1998

Institution type and program area	Other outside income	
	Full time	Part time
All institutions ¹	\$11,703	\$40,371
Public research	11,112	42,430
Private not-for-profit research	12,906	61,070
Public doctoral ²	13,100	42,268
Private not-for-profit doctoral ²	16,243	54,357
Public comprehensive	10,700	39,236
Private not-for-profit comprehensive	12,789	42,617
Private not-for-profit liberal arts	9,945	35,347
Public 2-year	11,340	37,388
Other ³	12,816	42,406
All program areas in 4-year institutions	\$11,810	\$42,754
Agriculture/home economics	6,244	
Business	14,239	56,757
Education	11,312	45,726
Engineering	12,469	62,378
Fine arts	8,428	29,595
Health sciences	19,596	59,628
Humanities	7,252	24,366
Natural sciences	11,861	39,484
Social sciences	12,199	41,321
All other fields	12,486	52,200

⁻⁻ Too few cases for a reliable estimate.

NOTE: This table includes only faculty and staff with instructional responsibilities for credit (e.g., teaching one or more classes for credit, or advising or supervising students' academic activities) who earned income from outside the institution other than consulting income and whose principal activity is teaching. This included income from employment at another academic institution; legal or medical services or psychological counseling; self-owned business, other than consulting; professional performances or exhibitions; speaking fees and honoraria; royalties or commissions; the estimated value of nonmonetary compensations; and incomes from any other employment. Income is for the 1998 calendar year for instructional faculty and staff employed in the fall of 1998.

¹All public and private, not-for-profit Title IV participating, degree-granting institutions in the 50 states and the District of Columbia.

²Includes institutions classified by the Carnegie Foundation as specialized medical schools and medical centers.

³Public liberal arts, private not-for-profit 2-year, and other specialized institutions except medical schools and medical centers.