Appendix B:

Standard Error Tables

Table B2.1—Standard errors for percentage distribution of full-time faculty, by faculty seniority and type and control of institution: Fall 1992

							New faculty
	All faculty	/ ¹	New fac	ulty ²	Senior fac	culty ²	as percent
Type and control of institution	Number	Percent	Number	Percent	Number	Percent	all faculty
All institutions	11,158.2	0.00	5,087.4	0.00	7,646.7	0.00	0.6
All research institutions	11,144.8	1.80	4,588.6	2.11	7,307.7	1.80	1.4
Public	11,322.7	1.96	4,260.3	2.19	7,569.3	1.96	1.5
Private	6,614.4	1.27	3,110.4	1.74	3,808.7	1.11	3.1
All other doctorate-granting institutions ³	5,945.7	1.21	2,352.1	1.39	4,069.7	1.24	1.5
Public	5,063.9	1.05	1,866.7	1.14	3,451.6	1.07	1.5
Private	3,115.7	0.59	1,431.0	0.80	2,156.1	0.61	3.4
All comprehensive institutions	4,206.1	0.80	1,670.0	0.99	3,279.1	0.89	0.9
Public	3,635.5	0.69	1,426.0	0.83	2,856.5	0.78	1.1
Private	2,115.2	0.41	869.1	0.51	1,610.4	0.46	1.6
Private liberal arts institutions	1,619.1	0.33	874.4	0.52	1,111.4	0.34	1.6
Public 2-year institutions	4,088.9	0.75	1,814.8	1.00	2,919.7	0.80	1.1
All other institutions ⁴	2,161.1	0.42	970.8	0.56	1,418.1	0.41	2.0

¹ Includes full-time faculty who reported their principal activity during Fall 1992 was teaching, research, or selected administration activities.

² New full-time faculty are defined as having 7 years or less in a full-time faculty position; whereas senior faculty are those who had more than 7 years in a full-time faculty position.

³ Includes medical schools.

⁴ Includes public liberal arts, private 2-year, and other specialized institutions except medical schools.

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Table B2.2—Standard errors for percentage distribution of full-time faculty, by faculty seniority and program area: Fall 1992

							New faculty
	All facu	ulty ¹	New fa	aculty ²	Senior fac	as percent of	
Program area	Number	Percent	Number	Percent	Number	Percent	all faculty
Total ³	10,778.8	0.00	4,878.0	0.00	7,495.7	0.00	0.59
Professions	5,119.1	0.64	2,486.9	0.99	3,514.5	0.70	0.93
Business	1,692.4	0.33	846.7	0.51	1,286.2	0.36	1.59
Education	1,668.6	0.31	740.4	0.44	1,276.4	0.35	1.53
Engineering	1,848.0	0.35	924.5	0.53	1,246.5	0.35	2.24
Health Sciences	3,814.7	0.63	1,930.8	0.95	2,463.1	0.63	1.65
Liberal arts and sciences	6,179.4	0.69	2,825.5	1.04	4,544.3	0.75	0.73
Fine arts	1,992.4	0.38	775.2	0.47	1,509.1	0.43	1.68
Humanities	2,060.8	0.34	945.6	0.56	1,692.8	0.42	1.03
Natural sciences	3,326.2	0.49	1,781.9	0.84	2,551.7	0.60	1.31
Social sciences	2,230.7	0.38	1,237.3	0.63	1,714.0	0.45	1.64
All other program areas	3,186.2	0.54	1,485.6	0.77	2,257.4	0.59	1.35

¹ Includes full-time faculty who reported their principal activity during Fall 1992 was teaching, research, or selected administration activities.

² New full-time faculty are defined as having 7 years or less in a full-time faculty position; whereas senior faculty are those who had more than 7 years in a full-time faculty position.

³The numbers for program area differ slightly from those for other variables (i.e., type and control of institution) because some faculty did not report a principal area of teaching.

Table B3.1—Standard errors for mean age and age distribution of full-time faculty, by faculty seniority, gender, type and control of institution, and program area: Fall 1992

Faculty seniority, gender,							A /2	<i>(</i>)				
type and control of	Niconala		00	00.04	05.00	40.44	Age (%		FF F0	00.01	05.00	
institution, and program area	Number	Mean	<30	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	>69
All faculty ¹	11,158.2	0.12	0.13	0.30	0.38	0.39	0.44	0.42	0.40	0.32	0.20	0.12
New faculty ²	5,087.4	0.21	0.35	0.83	0.90	0.73	0.63	0.55	0.43	0.33	0.18	0.14
Senior faculty ²	7,646.7	0.11	0.04	0.17	0.29	0.48	0.53	0.53	0.56	0.46	0.27	0.17
Gender												
New faculty												
Male	3,619.1	0.27	0.38	1.16	1.40	1.00	0.79	0.77	0.64	0.51	0.29	0.13
Female	2,330.6	0.27	0.67	0.97	1.06	1.13	0.91	0.71	0.50	0.35	0.17	0.30
Senior faculty												
Male	6,303.2	0.13	0.04	0.19	0.33	0.57	0.64	0.64	0.72	0.59	0.34	0.22
Female	2,465.1	0.17	0.12	0.40	0.58	0.82	0.81	0.82	0.65	0.55	0.36	0.20
Type and control												
New faculty												
All institutions	5,087.4	0.21	0.35	0.83	0.90	0.73	0.63	0.55	0.43	0.33	0.18	0.14
All research institutions	4,588.6	0.50	0.87	2.08	2.21	1.85	1.21	1.02	0.97	0.78	0.45	*
All other doctorate-granting institutions ³	2,352.1	0.44	0.70	2.52	2.41	1.54	1.39	1.15	1.10	0.54	0.43	0.38
All comprehensive institutions	1,670.0	0.30	0.60	1.24	1.23	1.10	1.14	1.05	0.69	0.61	0.32	0.23
Private liberal arts institutions	874.4	0.65	1.14	1.95	2.49	1.92	2.16	1.22	1.15	0.78	0.58	*
Public 2-year institutions	1,814.8	0.34	0.70	1.19	1.37	1.39	1.46	1.34	0.92	0.65	0.19	*
All other institutions ⁴	970.8	0.90	1.14	2.40	2.24	2.64	2.62	2.40	1.87	1.77	0.95	0.88
Senior faculty												
All institutions	7,646.7	0.11	0.04	0.17	0.29	0.48	0.53	0.53	0.56	0.46	0.27	0.17
All research institutions	7,307.7	0.27	*	0.34	0.73	1.24	1.36	1.15	1.51	1.20	0.73	0.40
All other doctorate-granting institutions ³	4,069.7	0.32	*	0.79	0.65	1.26	1.24	1.32	1.11	1.35	0.64	0.69
All comprehensive institutions	3,279.1	0.17	0.14	0.18	0.50	0.70	0.81	0.88	0.94	0.71	0.43	0.22
Private liberal arts institutions	1,111.4	0.33	*	0.34	0.96	1.57	1.74	1.87	1.64	1.19	0.80	0.40
Public 2-year institutions	2,919.7	0.22	0.09	0.38	0.52	0.88	1.09	1.15	1.03	0.70	0.39	0.22
All other institutions ⁴	1,418.1	0.47	*	0.55	1.65	2.18	2.15	2.33	1.97	1.34	1.31	0.63

Table B3.1—Standard errors for mean age and age distribution of full-time faculty, by faculty seniority, gender, type and control of institution, and program area: Fall 1992, continued

Faculty seniority, gender,												
type and control of							Age (%					
institution, and program area	Number	Mean	<30	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	>69
Program area⁵												
New faculty												
All program areas	4,878.0	0.21	0.35	0.83	0.92	0.72	0.62	0.56	0.43	0.34	0.19	0.15
Professions	2,486.9	0.30	0.38	1.57	1.21	1.40	1.01	1.00	0.68	0.67	0.27	0.17
Liberal arts and sciences	2,825.5	0.24	0.59	0.98	1.36	1.07	0.83	0.69	0.54	0.42	0.24	0.14
Fine arts	775.2	0.59	1.23	2.51	2.85	2.83	2.63	2.14	1.65	0.71	0.65	0.56
Humanities	945.6	0.32	0.79	1.27	1.76	1.60	1.73	1.20	0.82	0.48	0.31	0.10
Natural sciences	1,781.9	0.67	0.67	1.62	2.42	1.95	1.14	1.18	1.06	0.56	0.50	0.21
Social sciences	1,237.3	0.65	2.10	2.49	2.46	2.32	1.70	1.29	0.78	1.45	0.34	0.41
All other program areas	1,485.6	0.60	1.06	1.70	2.36	1.72	1.48	1.75	1.77	0.90	0.73	0.79
Senior faculty												
All program areas	7,495.7	0.11	0.04	0.18	0.30	0.48	0.54	0.52	0.57	0.45	0.27	0.17
Professions	3,514.5	0.22	0.10	0.42	0.57	0.95	0.96	0.88	0.82	0.79	0.55	0.26
Liberal arts and sciences	4,544.3	0.14	0.06	0.18	0.36	0.57	0.67	0.73	0.73	0.57	0.36	0.20
Fine arts	1,509.1	0.40	0.40	0.49	1.26	1.75	1.80	1.83	2.00	1.43	1.00	0.30
Humanities	1,692.8	0.24	0.09	0.16	0.55	0.78	1.11	1.10	1.05	0.97	0.59	0.37
Natural sciences	2,551.7	0.22	0.04	0.41	0.64	0.99	1.08	1.21	1.16	0.87	0.62	0.32
Social sciences	1,714.0	0.31	0.09	0.30	0.79	1.29	1.47	1.51	1.37	1.11	0.81	0.57
All other program areas	2,257.4	0.29	0.04	0.52	0.63	1.27	1.40	1.36	1.33	1.15	0.62	0.78

¹ Includes full-time faculty who reported their principal activity during Fall 1992 was teaching, research, or selected administration activities.

² New full-time faculty are defined as having 7 years or less in a full-time faculty position; whereas senior faculty are those who had more than 7 years in a full-time faculty position.

³ Includes medical schools.

⁴ Includes public liberal arts, private 2-year, and other specialized institutions except medical schools.

⁵ The numbers for program area differ slightly from those for other variables (i.e., type and control of institution) because some faculty did not report a principal area of teaching.

^{*} Insufficient data to compute a standard error.

Table B3.2—Standard errors for percentage distribution of full-time faculty, by faculty seniority, gender, type and control of institution, and program area: Fall 1992

							New Females
Type and control of institution	All facu	ılty	New fac	culty ²	Senior fa	culty ²	as Percent of
and program area	Male	Female	Male	Female	Male	Female	All Females
All Institutions	0.50	0.50	0.88	0.88	0.57	0.57	0.83
Type and control							
All research institutions	0.94	0.94	1.73	1.73	1.09	1.09	0.83
Public	0.90	0.90	2.06	2.06	1.14	1.14	2.37
Private	2.16	2.16	3.02	3.02	2.42	2.42	2.86
All other doctorate-granting institutions ³	0.86	0.86	1.90	1.90	1.18	1.18	4.20
Public	1.11	1.11	1.99	1.99	1.27	1.27	1.82
Private	1.22	1.22	3.03	3.03	2.47	2.47	2.02
All comprehensive institutions	0.82	0.82	1.54	1.54	0.98	0.98	3.57
Public	0.84	0.84	1.73	1.73	1.09	1.09	1.52
Private	1.97	1.97	3.18	3.18	2.11	2.11	1.87
Private liberal arts institutions	2.44	2.44	3.18	3.18	2.51	2.51	2.59
Public 2-year institutions	0.94	0.94	1.81	1.81	1.12	1.12	2.16
All other institutions ⁴	3.18	3.18	4.26	4.26	3.23	3.23	1.40
Program area							
Professions	1.02	1.02	1.80	1.80	1.20	1.20	3.60
Business	1.52	1.52	2.57	2.57	1.81	1.81	1.33
Education	1.74	1.74	3.11	3.11	2.19	2.19	2.35
Engineering	1.00	1.00	2.40	2.40	0.74	0.74	2.17
Health sciences	2.10	2.10	3.38	3.38	2.55	2.55	7.14
Liberal arts and sciences	0.64	0.64	1.17	1.17	0.71	0.71	1.85
Fine arts	1.73	1.73	3.36	3.36	1.91	1.91	3.24
Humanities	1.13	1.13	2.10	2.10	1.28	1.28	1.65
Natural sciences	0.90	0.90	1.76	1.76	0.94	0.94	2.25
Social sciences	1.22	1.22	2.43	2.43	1.27	1.27	2.67
All other program areas	1.28	1.28	2.28	2.28	1.43	1.43	2.40

¹ Includes full-time faculty who reported their principal activity during Fall 1992 was teaching, research, or selected administration activities.

² New full-time faculty are defined as having 7 years or less in a full-time faculty position; whereas senior faculty are those who had more than 7 years in a full-time faculty position.

³ Includes medical schools.

⁴ Includes public liberal arts, private 2-year, and other specialized institutions except medical schools.

Table B3.3—Standard errors for racial/ethnic distribution of full-time faculty, by faculty seniority and gender: Fall 1992

White Not Hispanic 0.52
•
0.52
0.02
0.73
0.55
0.91
0.95
0.55
0.83

¹ Includes full-time faculty who reported their principal activity during Fall 1992 was teaching, research, or selected administration activities.

² New full-time faculty are defined as having 7 years or less in a full-time faculty position; whereas senior faculty are those who had more than 7 years in a full-time faculty position.

Table B3.4—Standard errors for percentage distribution of full-time faculty, by citizenship status, faculty seniority, and type and control of institution: Fall 1992

Faculty seniority			Citizenshi	p status	
and type and	-	Native	Naturalized	Permanent	Temporary
control of institution	Number	U.S. citizen	U.S. citizen	resident	resident
All faculty ¹	11,158.2	0.47	0.31	0.30	0.15
New faculty ²	5,087.4	0.92	0.40	0.64	0.40
Senior faculty ²	7,646.7	0.44	0.37	0.24	0.07
Type and control					
New faculty					
All institutions	5,087.4	0.92	0.40	0.64	0.40
All research institutions	4,588.6	2.32	0.91	1.69	1.17
Public	4,260.3	2.06	1.15	1.72	0.98
Private	3,110.4	5.50	1.26	3.74	2.78
All other doctorate-granting institutions ³	2,352.1	1.67	1.29	1.13	0.67
Public	1,866.7	2.16	1.31	1.34	0.79
Private	1,431.0	2.63	2.66	1.98	1.23
All comprehensive institutions	1,670.0	1.10	0.58	0.89	0.32
Public	1,426.0	1.42	0.76	1.14	0.41
Private	869.1	1.48	0.74	1.31	0.49
Private liberal arts institutions	874.4	1.83	0.98	1.21	0.37
Public 2-year institutions	1,814.8	0.96	0.66	0.74	0.06
All other institutions ⁴	970.8	2.41	1.58	1.72	0.89
Senior faculty					
All institutions	7,646.7	0.44	0.37	0.24	0.07
All research institutions	7,307.7	1.10	0.95	0.67	0.21
Public	7,569.3	1.25	1.06	0.66	0.25
Private	3,808.7	2.09	2.10	1.81	0.31
All other doctorate-granting institutions ³	4,069.7	1.15	0.91	0.67	0.13
Public	3,451.6	1.31	1.07	0.79	0.13
Private	2,156.1	2.29	1.70	1.26	0.27
All comprehensive institutions	3,279.1	0.68	0.61	0.33	0.12
Public	2,856.5	0.80	0.70	0.40	0.16
Private	1,610.4	1.34	1.20	0.55	0.13
Private liberal arts institutions	1,111.4	1.19	0.79	0.59	0.09
Public 2-year institutions	2,919.7	0.70	0.66	0.28	0.07
All other institutions ⁴	1,418.1	2.47	1.51	1.52	0.40

¹ Includes full-time faculty who reported their principal activity during Fall 1992 was teaching, research, or selected administration activities.

² New full-time faculty are defined as having 7 years or less in a full-time faculty position; whereas senior faculty are those who had more than 7 years in a full-time faculty position.

³ Includes medical schools.

⁴ Includes public liberal arts, private 2-year, and other specialized institutions except medical schools. NOTE: Details may not add to total because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1993 National Study of Postsecondary Faculty, "Faculty Survey."

Table B3.5—Standard errors for percentage distribution of full-time faculty, by citizenship status, faculty seniority, and program area: Fall 1992

			Citizenship	Status	
Faculty seniority	_	Native	Naturalized	Permanent	Temporary
and program area	Number	U.S. citizen	U.S. citizen	resident	resident
All faculty ¹	11,158.2	0.47	0.31	0.30	0.15
New faculty ²	5,087.4	0.92	0.40	0.64	0.40
Senior faculty ²	7,646.7	0.44	0.37	0.24	0.07
Program area ³					
New faculty					
All program areas	4,878.0	0.94	0.39	0.66	0.40
Professions	2,486.9	1.49	0.80	0.83	1.05
Business	846.7	2.00	1.02	1.69	0.62
Education	740.4	1.03	0.89	0.53	0.10
Engineering	924.5	4.34	3.13	3.19	1.24
Health sciences	1,930.8	2.56	1.29	1.27	2.32
Liberal arts and sciences	2,825.5	1.12	0.51	1.05	0.36
Fine arts	775.2	2.25	1.81	1.46	0.77
Humanities	945.6	1.57	0.87	1.22	0.67
Natural sciences	1,781.9	2.35	0.96	2.21	0.74
Social sciences	1,237.3	2.09	0.81	1.87	0.39
All other program areas	1,485.6	1.80	0.84	1.53	0.55
Senior faculty					
All program areas	7,495.7	0.44	0.37	0.24	0.07
Professions	3,514.5	0.86	0.77	0.43	0.09
Business	1,286.2	1.13	0.94	0.71	0.19
Education	1,276.4	1.05	0.95	0.49	0.05
Engineering	1,246.5	2.99	2.79	1.74	0.45
Health sciences	2,463.1	1.38	1.18	0.68	0.12
Liberal arts and sciences	4,544.3	0.57	0.48	0.34	0.12
Fine arts	1,509.1	0.96	0.73	0.63	0.18
Humanities	1,692.8	0.98	0.86	0.57	0.14
Natural sciences	2,551.7	1.03	0.87	0.58	0.21
Social sciences	1,714.0	1.28	0.95	0.99	0.36
All other program areas	2,257.4	0.87	0.67	0.56	0.08

¹ Includes full-time faculty who reported their principal activity during Fall 1992 was teaching, research, or selected administration activities.

New full-time faculty are defined as having 7 years or less in a full-time faculty position; whereas senior faculty are those who had more than 7 years in a full-time faculty position.

³ The numbers for program area differ slightly from those for other variables (i.e., type and control of institution) because some faculty did not report a principal area of teaching.

NOTE: Details may not add to total because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1993 National Study of Postsecondary Faculty, "Faculty Survey."

Table B4.1—Standard errors for percentage distribution of full-time faculty, by highest degree level, faculty seniority, gender, type and control of institution, and program area: Fall 1992

Faculty seniority,	_	Highest degree level					
gender, type and control	_	Professional		Bachelor's			
of institution, and program area	Number	or Doctoral	Master's	or less			
All faculty ¹	11,084.92	0.81	0.69	0.32			
New faculty ²	5,013.64	1.17	1.00	0.53			
Senior faculty ²	7,632.83	0.85	0.75	0.31			
Gender							
New faculty							
Male	3,547.02	1.34	1.11	0.66			
Females	2,324.88	1.39	1.31	0.67			
Senior faculty	2,024.00	1.00	1.01	0.07			
Male	6,292.18	0.89	0.79	0.34			
Female	2,461.96	1.18	1.13	0.45			
	•						
Type and control							
New faculty							
All institutions	5,013.64	1.17	1.00	0.53			
All research universities	4,513.76	1.53	1.39	0.74			
All other doctorate-granting institutions ³	2,336.07	1.82	1.73	0.69			
All comprehensive institutions	1,670.69	1.73	1.67	0.45			
Private liberal arts institutions	868.26	4.41	4.21	1.07			
Public 2-year institutions	1,778.78	1.37	1.78	1.84			
All other institutions ⁴	975.44	5.38	4.34	2.27			
Conjuntacylty							
Senior faculty All institutions	7,632.83	0.85	0.75	0.31			
All research universities	7,032.03	0.83	0.75	0.31			
0	*						
All other doctorate-granting institutions ³	4,058.09	1.27	1.26	0.23			
All comprehensive institutions	3,279.50	1.08	1.06	0.18			
Private liberal arts institutions	1,117.74	3.21	3.06	0.92			
Public 2-year institutions	2,901.50	1.21	1.22	1.25			
All other institutions ⁴	1,414.57	5.62	4.82	1.78			

Table B4.1—Standard errors for percentage distribution of full-time faculty, by highest degree level, faculty seniority, gender, type and control of institution, and program area: Fall 1992, continued

Faculty seniority,		Highest degree level					
gender, type and control	_	Professional		Bachelor's			
of institution, and program area	Number	or Doctoral	Master's	or less			
Program area ⁵							
New faculty							
All program areas	4,809.71	1.15	1.00	0.51			
Professions	2,469.65	1.80	1.60	0.74			
Liberal arts and sciences	2,811.62	1.32	1.23	0.52			
Fine arts	765.15	3.40	3.43	2.22			
Humanities	945.61	2.04	1.99	0.63			
Natural sciences	1,784.09	1.88	1.59	0.97			
Social sciences	1,234.49	2.63	2.63	0.41			
All other program areas	1,472.78	2.93	2.41	1.93			
Senior faculty							
-	7,481.83	0.85	0.76	0.31			
Professions	3,515.48	1.37	1.26	0.45			
Liberal arts and sciences	4,540.75	0.94	0.88	0.23			
Fine arts	1,479.52	2.67	2.57	1.02			
Humanities	1,693.92	1.37	1.36	0.24			
Natural sciences	2,551.49	1.28	1.22	0.43			
Social sciences	1,713.62	1.45	1.41	0.32			
All other program areas	2,229.42	2.14	1.78	1.29			

¹ Includes full-time faculty who reported their principal activity during Fall 1992 was teaching, research, or selected administration activities.

² New full-time faculty are defined as having 7 years or less in a full-time faculty position; whereas senior faculty are those who had more than 7 years in a full-time faculty position.

³ Includes medical schools.

⁴ Includes public liberal arts, private 2-year, and other specialized institutions except medical schools.

⁵ The numbers for program area differ slightly from those for other variables (i.e., type and control of institution) because some faculty did not report a principal area of teaching.

Table B4.2—Standard errors for average age of full-time faculty¹ at award of highest degree and at appointment to current position, by faculty seniority and highest degree level: Fall 1992

	Age	when grante	ed	Age	Age when hired			
Faculty seniority	hi	ghest degree	<u> </u>	in current position				
and highest degree	Mean	Median	Mode	Mean	Median	Mode		
New faculty ²	0.15	0.15	0.15	0.20	0.22	0.22		
Doctorate	0.17	0.25	0.25	0.25	0.24	0.24		
Master's	0.26	0.26	0.26	0.32	0.44	0.44		
Senior faculty ²	0.10	0.12	0.12	0.12	0.15	0.15		
Doctorate	0.13	0.13	0.13	0.14	0.19	0.19		
Master's	0.17	0.18	0.18	0.21	0.24	0.24		

¹ Includes full-time faculty who reported their principal activity during Fall 1992 was teaching, research, or selected administration activities.

² New full-time faculty are defined as having 7 years or less in a full-time faculty position; whereas senior faculty are those who had more than 7 years in a full-time faculty position.

Table B4.3—Standard errors for percentage of full-time faculty with previous employment, by faculty seniority and previous employment sector: Fall 1992

Previous								
employment	All fact	ulty ¹	New fac	culty ²	Senior fa	aculty ²		
sector	Number	Number Percent		Percent	Number	Percent		
All faculty	11,158.2	0.54	5,087.4	0.75	7,646.7	0.68		
	Faculty with previous employment							
All sectors	7,637.1	0.00	4,148.7	0.00	4,928.4	0.00		
4-year college/university	5,523.9	0.72	2,555.5	1.11	4,009.9	0.79		
2-year college	1,736.7	0.47	852.4	0.60	1,332.1	0.60		
Elementary/secondary	1,581.6	0.43	946.0	0.68	1,115.8	0.51		
Consulting	1,266.9	0.34	857.7	0.61	869.6	0.38		
Hospital	2,240.9	0.56	1,711.5	1.04	1,170.6	0.51		
Foundation or other nonprofit	1,457.4	0.39	1,100.7	0.72	860.0	0.39		
For-profit business	2,201.4	0.53	1,449.0	0.91	1,415.8	0.59		
Federal government	1,716.0	0.42	1,169.4	0.77	1,098.7	0.47		
Other	904.9	0.25	588.8	0.42	654.1	0.30		

¹ Includes full-time faculty who reported their principal activity during Fall 1992 was teaching, research, or selected administration activities.

NOTE: Percents shown for a specific sector represent the percentage of faculty with previous employment in a full-time position during the past 15 years who had previous employment in that specific sector. Details will not add to total because faculty could have been previously employed in multiple sectors.

² New full-time faculty are defined as having 7 years or less in a full-time faculty position; whereas senior faculty are those who had more than 7 years in a full-time faculty position.

Table B4.4—Standard errors for percentage of full-time faculty with previous employment, by faculty seniority and primary responsibility in previous employment: Fall 1992

Previous		4		0		0
employment	All fac	ulty ¹	New fac	ulty [∠]	Senior fa	culty ²
responsibility	Number	Percent	Number	Percent	Number	Percent
All faculty	11,158.2	0.54	5,087.4	0.75	7,646.7	0.68
		F	aculty with pre	evious emplo	oyment	
All responsibilities	7,637.1	0.00	4,148.7	0.00	4,928.4	0.00
Teaching	4,854.2	0.76	1,969.6	1.09	3,834.0	0.79
Research	3,443.8	0.74	2,161.4	1.12	2,068.5	0.79
Technical activities	1,765.6	0.46	1,084.0	0.76	1,197.3	0.52
Clinical services	2,166.3	0.56	1,689.4	1.05	1,070.4	0.48
Public service	760.6	0.21	501.4	0.37	532.5	0.25
Administration	2,037.1	0.49	1,253.2	0.82	1,465.6	0.61
Other	1,926.3	0.49	1,223.3	0.81	1,284.3	0.54

¹ Includes full-time faculty who reported their principal activity during Fall 1992 was teaching, research, or selected administration activities.

² New full-time faculty are defined as having 7 years or less in a full-time faculty position; whereas senior faculty are those who had more than 7 years in a full-time faculty position.

NOTE: Percents shown for a specific responsibility represent the percentage of faculty with previous employment in a full-time position during the past 15 years who had previous employment with that specific responsibility. Details will not add to total because faculty could have had multiple employments with different primary responsibilities.

Table B4.5—Standard errors for percentage of full-time faculty who have held a job other than their current once since receiving their highest degree, by faculty seniority, highest degree level, and primary responsibility of previous employment: Fall 1992

Degree level							
and previous	All fact	All faculty ¹ New faculty		culty ²	Senior fa	or faculty ²	
employment	Niconale au	Damanat	Ni	D	Manakan	D	
responsibility	Number	Percent	Number	Percent	Number	Percent	
All faculty	11,158.2	0.51	5,087.4	0.90	7,646.7	0.55	
Highest degree ³							
Doctorate ⁴	9,473.2	0.64	4,088.3	1.25	6,648.2	0.68	
Master's	3,987.2	0.79	2,034.2	1.43	2,839.3	0.87	
	Faculty w	ith previous e	mployment si	nce receiving	their highest	degree	
Doctorate ⁴	3,335.4	0.00	2,069.9	0.00	2,133.6	0.00	
Teaching	1,913.4	1.75	579.4	1.85	1,711.6	1.69	
Research	2,215.0	1.78	1,486.1	2.45	1,336.4	2.12	
Technical services	525.9	0.66	357.0	1.04	364.5	0.79	
Clinical services	1,309.5	1.44	1,081.8	2.68	565.6	1.13	
Public service	399.8	0.48	300.8	0.87	259.7	0.56	
Administration	916.3	1.06	654.0	1.75	627.6	1.25	
Other	839.7	0.98	433.9	1.25	601.6	1.20	
Master's	1,533.5	0.00	1,037.1	0.00	952.5	0.00	
Teaching	1,209.1	1.78	720.3	2.68	829.0	1.89	
Research	344.3	0.90	247.1	1.26	205.3	1.11	
Technical services	518.8	1.27	408.4	1.93	310.7	1.63	
Clinical services	500.0	1.27	382.1	1.84	301.4	1.65	
Public service	217.7	0.59	160.3	0.86	152.1	0.85	
Administration	690.2	1.51	533.6	2.30	405.9	1.95	
Other	555.5	1.38	450.9	2.17	310.1	1.65	

¹ Includes full-time faculty who reported their principal activity during Fall 1992 was teaching, research, or selected administration activities.

NOTE: Details will not add to total because faculty could have had multiple employments with different primary responsibilities.

² New full-time faculty are defined as having 7 years or less in a full-time faculty position; whereas senior faculty are those who had more than 7 years in a full-time faculty position.

³ Numbers for highest degree will not add to all faculty because individuals with less than a master's degree are not included.

⁴ Included in this category are faculty with a doctorate or a first-professional degree.

Table B4.6—Standard errors for percentage of full-time faculty who have held a job other than their current once since receiving their highest degree, by faculty seniority, highest degree level, and previous employment sector: Fall 1992

Degree level							
and previous	previous All faculty ¹		New fa	culty ²	Senior faculty ²		
employment			·				
sector	Number	Percent	Number	Percent	Number	Percent	
All faculty	11,158.2	0.51	5,087.4	0.90	7,646.7	0.55	
Highest degree ³							
Doctorate ⁴	9,473.2	0.64	4,088.3	1.25	6,648.2	0.68	
Master's	3,987.2	0.79	2,034.2	1.43	2,839.3	0.87	
	Faculty with	previous en	nployment s	ince receivin	g their highest	degree	
Doctorate ⁴	3,335.4	0.00	2,069.9	0.00	2,133.6	0.00	
Within academe	3,051.9	0.92	1,774.9	1.95	2,121.2	0.56	
Outside academe	2,340.9	1.62	1,796.9	2.39	1,240.5	1.75	
Master's	1,533.5	0.00	1,037.1	0.00	952.5	0.00	
Within academe	1,372.2	1.35	898.0	2.31	911.3	1.14	
Outside academe	1,258.0	1.60	917.2	2.07	740.2	2.40	

¹ Includes full-time faculty who reported their principal activity during Fall 1992 was teaching, research, or selected administration activities.

NOTE: Details will not add to total because faculty could have had previous employment in more than one sector.

² New full-time faculty are defined as having 7 years or less in a full-time faculty position; whereas senior faculty are those who had more than 7 years in a full-time faculty position.

³ Numbers for highest degree will not add to all faculty because individuals with less than a master's degree are not included.

⁴ Included in this category are faculty with a doctorate or a first-professional degree.

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Table B5.1—Standard errors for percentage distribution of full-time faculty, by rank, faculty seniority, type and control of institution, and program area: Fall 1992

Faculty seniority, type				Academic r	ank			
and control of institution			Associate	Assistant				No
and program area	Number	Professor	Professor	Professor	Instructor	Lecturer	Other	Rank
All faculty ¹	11,158.2	0.76	0.54	0.55	0.56	0.25	0.27	0.30
New faculty ²	5,087.4	0.85	0.74	1.07	0.91	0.41	0.64	0.29
Senior faculty ²	7,646.7	0.90	0.70	0.52	0.55	0.21	0.17	0.35
Type and control								
New faculty								
All institutions	5,087.4	0.85	0.74	1.07	0.91	0.41	0.64	0.29
All research institutions	4,588.6	2.33	1.87	2.58	0.99	1.11	1.83	0.29
All other doctorate-granting institutions ³	2,352.1	1.46	1.27	2.17	2.11	0.52	0.59	0.10
All comprehensive institutions	1,670.0	1.16	1.17	1.58	1.31	0.57	0.56	0.15
Private liberal arts institutions	874.4	1.43	1.93	2.93	2.33	1.13	1.65	0.85
Public 2-year institutions	1,814.8	1.26	0.95	1.95	2.21	0.22	0.64	1.14
All other institutions ⁴	970.8	3.69	3.89	4.42	2.32	0.78	2.34	2.88
Senior faculty								
All institutions	7,646.7	0.90	0.70	0.52	0.55	0.21	0.17	0.35
All research institutions	7,307.7	1.90	1.63	1.01	0.35	0.69	0.45	0.19
All other doctorate-granting institutions ³	4,069.7	1.87	1.78	1.28	0.93	0.37	0.37	0.10
All comprehensive institutions	3,279.1	1.55	1.17	0.91	0.45	0.27	0.12	0.37
Private liberal arts institutions	1,111.4	2.78	2.13	2.11	1.03	0.46	0.78	1.48
Public 2-year institutions	2,919.7	1.98	1.44	1.17	2.12	0.14	0.42	1.15
All other institutions ⁴	1,418.1	4.27	3.54	2.41	2.79	0.31	0.71	4.22
Program area ⁵								
New faculty	4.070.0	0.00		4.0=		0.40	0.45	
All program areas	4,878.0	0.86	0.75	1.05	0.93	0.42	0.45	0.29
Professions	2,486.9	1.22	1.18	1.64	1.41	0.86	0.63	0.35
Business	846.7	1.91	2.47	3.13	2.45	0.83	1.24	1.11
Education	740.4	1.97	3.13	2.95	2.42	0.97	0.83	1.00
Engineering	924.5	2.91	3.70	4.15	3.05	0.74	1.96	0.69
Health sciences	1,930.8	2.12	1.60	2.93	2.61	1.85	1.01	0.29

Table B5.1—Standard errors for percentage distribution of full-time faculty, by rank, faculty seniority, type and control of institution, and program area: Fall 1992, continued

Faculty seniority, type				Academic r	ank			
and control of institution			Associate	Assistant				No
and program area	Number	Professor	Professor	Professor	Instructor	Lecturer	Other	Rank
Liberal arts and sciences	2,825.5	0.96	1.21	1.48	1.07	0.47	0.65	0.40
Fine arts	775.2	3.40	2.84	4.36	2.48	1.66	2.31	1.29
Humanities	945.6	1.39	1.42	2.01	2.06	1.14	0.30	0.76
Natural sciences	1,781.9	1.52	1.87	2.15	1.47	0.50	0.92	0.57
Social sciences	1,237.3	2.29	2.33	3.55	1.89	1.04	2.12	0.62
All other program areas	1,485.6	2.02	1.44	2.57	2.32	0.89	0.90	0.66
Senior faculty								
All program areas	7,495.7	0.91	0.71	0.52	0.55	0.22	0.13	0.34
Professions	3,514.5	1.32	1.33	1.00	0.80	0.24	0.22	0.29
Business	1,286.2	2.10	2.16	1.57	1.32	0.26	0.26	0.77
Education	1,276.4	2.27	2.47	1.61	1.48	0.68	0.67	0.46
Engineering	1,246.5	3.10	3.20	1.73	1.28	0.37	0.39	0.36
Health sciences	2,463.1	2.23	2.19	1.90	1.35	0.40	0.35	0.42
Liberal arts and sciences	4,544.3	1.07	0.83	0.56	0.56	0.35	0.18	0.47
Fine arts	1,509.1	2.72	2.45	1.64	1.30	0.96	0.75	1.65
Humanities	1,692.8	1.52	1.24	0.86	0.90	0.62	0.23	0.62
Natural sciences	2,551.7	1.66	1.29	0.78	0.85	0.42	0.28	0.60
Social sciences	1,714.0	1.93	1.72	1.20	0.70	0.53	0.39	0.42
All other program areas	2,257.4	2.19	1.54	1.13	1.43	0.36	0.43	0.50

¹ Includes full-time faculty who reported their principal activity during Fall 1992 was teaching, research, or selected administration activities.

² New full-time faculty are defined as having 7 years or less in a full-time faculty position; whereas senior faculty are those who had more than 7 years in a full-time faculty position.

³ Includes medical schools.

⁴ Includes public liberal arts, private 2-year, and other specialized institutions except medical schools.

⁵ The numbers for program area differ slightly from those for other variables (i.e., type and control of institution) because some faculty did not report a principal area of teaching.

Table B5.2—Standard errors for percentage distribution of full-time faculty, by tenure status, faculty seniority, gender, type and control of institution, and program area: Fall 1992

			-	Tenure sta	tus	
Faculty seniority, gender,	-		On	Not on	No tenure	No tenure
type and control of institution,			tenure	tenure	for faculty	system at
and program area	Number	Tenured	track	track	status	institution
All faculty ¹	11,158.2	0.85	0.55	0.45	0.28	0.67
Name for only 2	E 007.4	0.05	4.00	0.05	0.50	0.00
New faculty ²	5,087.4	0.95	1.06	0.85	0.50	0.88
Senior faculty ²	7,646.7	0.87	0.45	0.39	0.27	0.66
Gender						
New faculty						
Male	3,619.1	1.41	1.37	1.07	0.60	0.89
Female	2,330.6	1.01	1.39	1.36	0.78	1.21
Senior faculty						
Male	6,303.2	0.88	0.50	0.40	0.28	0.61
Female	2,465.1	1.35	0.79	0.74	0.47	1.06
Type and control						
New faculty						
All institutions	5,087.4	0.95	1.06	0.85	0.50	0.88
All research institutions	4,588.6	2.30	2.14	1.86	1.20	0.28
Public	4,260.3	2.77	2.32	2.02	1.42	0.11
Private	3,110.4	3.82	5.00	3.51	2.11	0.95
All other doctorate-granting institutions ³	2,352.1	1.71	2.47	2.61	1.21	1.02
Public	1,866.7	1.85	3.01	2.73	1.39	0.00
Private	1,431.0	3.47	4.29	5.37	2.25	2.74
All comprehensive institutions	1,670.0	1.37	1.84	1.55	0.76	1.07
Public	1,426.0	1.78	2.04	1.85	0.92	0.49
Private	869.1	1.79	3.84	2.84	1.35	3.39
Private liberal arts institutions	874.4	2.29	3.60	2.45	1.09	4.41
Public 2-year institutions	1,814.8	2.04	2.55	1.01	1.16	2.80
All other institutions ⁴	970.8	3.23	4.12	2.25	1.48	6.79
Senior faculty						
All institutions	7,646.7	0.87	0.45	0.39	0.27	0.66
All research institutions	7,307.7	1.58	0.85	1.05	0.65	0.72
Public	7,569.3	1.65	0.99	1.15	0.59	0.25
Private	3,808.7	3.53	1.54	2.37	1.89	3.05
All other doctorate-granting institutions ³	4,069.7	2.19	1.63	1.17	0.90	0.50
Public	3,451.6	1.63	1.37	1.22	0.54	0.17
Private	2,156.1	5.67	4.08	2.57	2.46	1.52
All comprehensive institutions	3,279.1	1.17	0.76	0.53	0.31	0.46
Public	2,856.5	1.24	0.92	0.55	0.39	0.13
Private	1,610.4	2.72	1.31	1.24	0.50	1.62
Private liberal arts institutions	1,111.4	3.33	1.69	0.91	0.96	2.83
Public 2-year institutions	2,919.7	2.26	0.77	0.41	0.48	2.17
All other institutions ⁴	1,418.1	6.23	2.18	1.75	1.29	6.98

Table B5.2—Standard errors for percentage distribution of full-time faculty, by tenure status, faculty seniority, gender, type and control of institution, and program area: Fall 1992, continued

				Tenure sta	tus	
Faculty seniority, gender,	-		On	Not on	No tenure	No tenure
type and control of institution,			tenure	tenure	for faculty	system at
and program area	Number	Tenured	track	track	status	institution
Program area ⁵						
New faculty						
All program areas	4,878.0	0.97	1.07	0.84	0.44	0.90
Professions	2,486.9	1.41	1.61	1.54	0.72	1.27
Business	846.7	2.30	3.11	2.12	1.34	2.26
Education	740.4	3.04	3.09	2.13	1.65	1.83
Engineering	924.5	4.13	4.22	2.44	1.56	2.50
Health sciences	1,930.8	2.40	2.66	3.01	1.29	1.98
Liberal arts and sciences	2,825.5	1.28	1.47	0.96	0.51	1.04
Fine arts	775.2	3.15	4.40	2.44	1.30	5.13
Humanities	945.6	1.83	2.05	1.64	1.08	1.62
Natural sciences	1,781.9	2.01	2.18	1.51	0.94	1.01
Social sciences	1,237.3	2.66	3.51	2.41	0.82	1.47
All other program areas	1,485.6	2.57	2.68	1.41	1.35	1.58
Senior faculty						
All program areas	7,495.7	0.87	0.47	0.38	0.25	0.66
Professions	3,514.5	1.33	0.87	0.90	0.35	0.94
Business	1,286.2	1.84	1.34	0.80	0.76	1.25
Education	1,276.4	1.85	1.34	1.27	0.62	0.97
Engineering	1,246.5	2.41	1.89	0.79	0.55	1.57
Health sciences	2,463.1	2.54	1.64	1.92	0.70	1.87
Liberal arts and sciences	4,544.3	1.01	0.49	0.40	0.34	0.74
Fine arts	1,509.1	3.33	1.56	1.08	0.71	3.09
Humanities	1,692.8	1.40	0.63	0.62	0.63	0.95
Natural sciences	2,551.7	1.30	0.91	0.60	0.56	0.72
Social sciences	1,714.0	1.38	0.88	0.66	0.57	0.79
All other program areas	2,257.4	1.65	1.12	0.83	0.61	1.10

¹ Includes full-time faculty who reported their principal activity during Fall 1992 was teaching, research, or selected administration activities.

² New full-time faculty are defined as having 7 years or less in a full-time faculty position; whereas senior faculty are those who had more than 7 years in a full-time faculty position.

³ Includes medical schools.

⁴ Includes public liberal arts, private 2-year, and other specialized institutions except medical schools.

⁵ The numbers for program area differ slightly from those for other variables (i.e., type and control of institution) because some faculty did not report a principal area of teaching.

Table B5.3—Standard errors for percentage of full-time faculty satisfied with selected job dimensions, by faculty seniority, gender, and type and control of institution: Fall 1992

		Percen	tage of faculty sor	newhat or very sa	tisfied with each of the	following i	tems:	
Faculty seniority, gender,	•	Job	Advancement	Keeping	Freedom for			Spouse
and type and control of institution	Workload	security	opportunities	current in field	outside consulting	Salary	Benefits	employment
All faculty ¹	0.51	0.47	0.58	0.57	0.46	0.77	0.74	0.53
New faculty ²	0.90	0.84	0.88	0.87	0.75	1.13	0.94	0.84
Senior faculty ²	0.67	0.50	0.66	0.71	0.53	0.86	0.81	0.63
Gender New faculty								
Male	1.27	1.16	1.14	1.17	0.99	1.46	1.23	1.30
Female	1.25	1.23	1.32	1.32	1.03	1.36	1.19	1.06
Senior faculty								
Male	0.79	0.56	0.79	0.84	0.62	0.97	0.92	0.77
Female	1.03	0.86	1.02	1.05	0.89	1.22	1.04	0.85
Type and control New faculty								
All institutions	0.90	0.84	0.88	0.87	0.75	1.13	0.94	0.84
All research institutions	2.16	1.79	2.05	1.77	1.76	2.76	2.24	2.02
All other doctorate-granting institutions ³	2.14	2.04	2.12	2.02	1.82	2.32	2.08	2.01
All comprehensive institutions	1.47	1.51	1.58	1.61	1.17	1.74	1.60	1.32
Private liberal arts institutions	2.89	2.96	2.06	2.39	2.38	3.52	3.09	2.82
Public 2-year institutions	1.69	1.55	1.85	2.16	1.61	2.17	1.37	1.47
All other institutions ⁴	2.89	4.43	2.97	2.83	3.05	4.46	4.71	3.19
Senior faculty								
All institutions	0.67	0.50	0.66	0.71	0.53	0.86	0.81	0.63
All research institutions	1.44	1.16	1.51	1.53	1.20	1.95	2.21	1.60
All other doctorate-granting institutions ³	1.31	1.23	1.59	1.63	1.36	2.29	1.83	1.42
All comprehensive institutions	1.27	0.80	1.10	1.17	0.87	1.58	1.26	1.11
Private liberal arts institutions	1.86	2.07	2.06	2.53	1.64	2.72	2.52	2.07
Public 2-year institutions	1.35	0.86	1.46	1.31	0.92	1.67	1.11	1.00
All other institutions ⁴	3.27	3.42	3.08	3.60	2.81	3.92	4.38	3.52

¹ Includes full-time faculty who reported their principal activity during Fall 1992 was teaching, research, or selected administration activities.

² New full-time faculty are defined as having 7 years or less in a full-time faculty position; whereas senior faculty are those who had more than 7 years in a full-time faculty position.

³ Includes medical schools.

⁴ Includes public liberal arts, private 2-year, and other specialized institutions except medical schools.

Table B5.4—Standard errors for percentage of full-time faculty satisfied with selected career dimensions, by faculty seniority, gender, type and control of institution, and program area: Fall 1992

	Percentage of faculty	
Faculty seniority,	who would	Percentage of faculty
gender, type and control	choose an academic	satisfied with
of institution, and program area	career again ¹	overall job ²
All faculty ³	0.31	0.43
New faculty ⁴	0.57	0.70
Senior faculty ⁴	0.36	0.49
Gender		
New faculty		
Male	0.78	0.95
Female	0.77	1.01
Senior faculty		
Male	0.42	0.56
Female	0.65	0.84
Type and control New faculty		
All institutions	0.57	0.70
All research institutions	1.43	1.60
All other doctorate-granting institutions ⁵	1.21	1.92
All comprehensive institutions	0.98	1.16
Private liberal arts institutions	1.72	2.37
Public 2-year institutions	1.01	1.09
All other institutions ⁶	1.81	3.09
Senior faculty		
All institutions	0.36	0.49
All research institutions	0.78	1.22
All other doctorate-granting institutions ⁵	0.88	1.28
All comprehensive institutions	0.59	0.82
Private liberal arts institutions	1.42	1.78
Public 2-year institutions	0.80	0.71
All other institutions ⁶	1.67	2.60

Table B5.4—Standard errors for percentage of full-time faculty satisfied with selected career dimensions, by faculty seniority, gender, type and control of institution, and program area:

Fall 1992, continued

	Percentage of faculty	
Faculty seniority,	who would	Percentage of faculty
gender, type and control	choose an academic	satisfied with
of institution, and program area	career again ¹	overall job ²
Program area ⁷		
New faculty		
All program areas	0.58	0.71
Professions	0.92	1.20
Liberal arts and sciences	0.81	1.05
Fine arts	2.41	3.06
Humanities	1.16	1.56
Natural sciences	1.50	1.70
Social sciences	1.53	2.27
All other program areas	1.60	1.71
Senior faculty		
All Program Areas	0.37	0.50
Professions	0.71	0.85
Liberal arts and sciences	0.48	0.62
Fine arts	1.46	2.20
Humanities	0.83	1.05
Natural sciences	0.72	1.03
Social sciences	1.19	1.25
All other program areas	1.02	1.14

¹ Percentage of faculty who somewhat or strongly agreed with the following statement: "If I had it to do over again, I would still choose an academic career."

² Percentage of faculty who were somewhat or very satisfied with: "My job here, overall."

³ Includes full-time faculty who reported their principal activity during Fall 1992 was teaching, research, or selected administration activities.

⁴ New full-time faculty are defined as having 7 years or less in a full-time faculty position; whereas senior faculty are those who had more than 7 years in a full-time faculty position.

⁵ Includes medical schools.

⁶ Includes public liberal arts, private 2-year, and other specialized institutions except medical schools.

⁷ The numbers for program area differ slightly from those for other variables (i.e., type and control of institution) because some faculty did not report a principal area of teaching.

Appendix C: References

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Appendix D:

1993 NSOPF Faculty Questionnaire

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