

**ASSOCIATION  
OF  
MEDICAL SCHOOL  
MICROBIOLOGY AND IMMUNOLOGY  
CHAIRS  
SURVEY  
2007**

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## Institutions that completed the 2007 AMSMIC Survey

### Northeastern Region

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Boston University School of Medicine  
Drexel University College of Medicine  
Howard University  
Jefferson Medical College  
Johns Hopkins Bloomberg School of Public Health  
Mount Sinai School of Medicine  
New York Medical College  
NYU School of Medicine  
Penn State University College of Medicine  
Trustees of Dartmouth College  
Tufts University  
UMDNJ-New Jersey Medical School  
Uniformed Services University of the Health Sciences  
University at Buffalo  
University of Massachusetts Medical School  
University of Pittsburgh-School of Medicine-Mol Genetics & Biochem  
University of Vermont

N = 17

### Midwest Region

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A.T. Still Univ Health Sciences, Kirksville College of Osteopathic Medicine  
Creighton University  
Des Moines University - Osteopathic Medical Center  
Indiana University  
Loyola University Chicago  
Medical College of Wisconsin  
Midwestern University  
Northwestern University  
Rush University Medical Center  
Southern Illinois University School of Medicine  
The University of Iowa  
University of Cincinnati  
University of Illinois at Chicago  
University of Kansas Medical Center  
University of Michigan  
University of Minnesota  
University of Mississippi Medical Center  
University of Nebraska Medical Center  
University of North Dakota  
University of Toledo College of Medicine  
University of Wisconsin-Madison School of Medicine and Public Health  
Wayne State University

N = 22

Institutions that completed the 2007 AMSMIC Survey - Continue

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Southern Region

Eastern Virginia Medical School  
J.H. Quillen College of Medicine, East Tennessee State University  
Marshall University Joan C. Edwards School of Medicine  
Medical University of SC  
Morehouse School of Medicine  
Texas A&M HSC  
Texas Tech University Health Sciences Center  
Tulane University School of Medicine  
University of Alabama at Birmingham  
University of Florida  
University of Kentucky  
University of Louisville School of Medicine  
University of Miami  
University of Oklahoma Health Sciences Center  
University of South Alabama  
University of South Carolina  
University of Tennessee Health Sciences Center  
University of Texas Health Science Center at Houston  
University of Texas Medical Branch at Galveston  
Virginia Commonwealth University, MCV Campus  
West Virginia School of Osteopathic Medicine  
West Virginia University

N = 22

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Western Region

Arizona School of Osteopathic Med, A.T.Still Univ  
University of Arizona  
University of California at Irvine  
University of Colorado- Denver  
University of Nevada, Reno

N = 5

## **Table 1: Institutional Support**

**Table 1: Institutional Support**

Questions	Type of Institution			Region			
	Overall	Private	Public	Northeastern	Midwest	Southern	Western
<b>Region</b>							
Northeastern	25.76%	45.83%	14.29%	100.00%			
Midwest	33.33%	33.33%	33.33%		100.00%		
Southern	33.33%	16.67%	42.86%			100.00%	
Western	7.58%	4.17%	9.52%				100.00%
n	66	24	42	17	22	22	5
<b>Is your institution</b>							
Private	36.36%	100.00%		64.71%	36.36%	18.18%	20.00%
Public	63.64%		100.00%	35.29%	63.64%	81.82%	80.00%
n	66	24	42	17	22	22	5
<b>Total department budget (all sources)</b>							
Mean	\$7,693,688	\$7,382,820	\$7,872,437	\$7,441,496	\$7,506,920	\$7,387,135	\$11,355,441
(STD)	(\$6,360,576)	(\$5,572,363)	(\$6,834,493)	(\$4,862,507)	(\$6,121,945)	(\$5,992,291)	(\$14,199,643)
Minimum	\$28,000	\$28,000	\$85,000	\$28,000	\$502,000	\$85,000	\$3,255,413
Maximum	\$32,625,000	\$18,622,000	\$32,625,000	\$18,622,000	\$22,816,759	\$22,906,919	\$32,625,000
Median	\$5,937,990	\$6,165,928	\$5,627,328	\$7,500,000	\$5,374,868	\$5,937,990	\$4,770,675
n	63	23	40	17	21	21	4
<b>Percent of this total budget provided by the institution? (%)</b>							
Mean	36.94	38.84	35.85	33.66	45.10	34.63	20.16
(STD)	(26.02)	(29.43)	(24.18)	(25.41)	(27.69)	(25.27)	(15.75)
Minimum	0.2	8.0	0.2	8.0	12.0	10.0	0.2
Maximum	100.0	100.0	100.0	100.0	100.0	100.0	37.0
Median	29.9	29.9	29.5	29.9	38.0	26.4	21.8
n	63	23	40	17	21	21	4
<b>What type of change occurred to this commitment during the last fiscal year?</b>							
Increase	45.31%	34.78%	51.22%	29.41%	50.00%	57.14%	25.00%
No Change	37.50%	47.83%	31.71%	58.82%	36.36%	23.81%	25.00%
Decrease	17.19%	17.39%	17.07%	11.76%	13.64%	19.05%	50.00%
n	64	23	41	17	22	21	4
<b>What percentage change did occur? (%)</b>							
Mean	2.83	1.22	3.76	0.33	2.51	5.69	-0.38
(STD)	(9.80)	(6.45)	(11.27)	(4.59)	(7.38)	(14.41)	(3.35)
Minimum	-14.3	-14.3	-12.0	-14.3	-12.0	-10.0	-4.0
Maximum	50.0	18.1	50.0	8.0	30.0	50.0	4.0
Median	0.0	0.0	0.8	0.0	1.0	3.0	-0.8
n	63	23	40	16	22	21	4

Table 1 - Continue: Institutional Support

Questions	Type of Institution			Region				
	Overall	Private	Public	Northeastern	Midwest	Southern	Western	
What is your institutional NIH Facilities & Administration (F&A-indirect costs) rate?	Mean	30.10	32.47	28.86	25.82	32.22	27.57	49.50
	(STD)	(25.08)	(27.65)	(23.88)	(29.75)	(24.79)	(23.19)	(6.45)
	Minimum	0.3	0.4	0.3	0.5	0.4	0.3	40.0
	Maximum	64.5	64.5	56.0	64.5	61.0	49.0	54.0
	Median	45.5	48.8	44.8	0.7	48.0	43.5	52.0
	n	64	22	42	16	22	22	4
What is your institutional federal non-NIH F&A rate?	Mean	30.31	32.41	29.11	23.65	33.74	28.15	49.50
	(STD)	(24.18)	(27.29)	(22.53)	(28.38)	(23.86)	(21.40)	(6.45)
	Minimum	0.1	0.3	0.1	0.3	0.1	0.2	40.0
	Maximum	69.7	69.7	56.0	64.5	69.7	49.0	54.0
	Median	41.8	43.5	40.0	0.7	46.0	37.8	52.0
	n	58	21	37	16	20	18	4
What is your overall non-federal F&A rate?	Mean	25.95	27.51	25.10	19.53	29.57	23.46	48.33
	(STD)	(21.99)	(23.61)	(21.35)	(23.02)	(23.02)	(19.93)	(7.37)
	Minimum	0.1	0.1	0.2	0.3	0.2	0.1	40.0
	Maximum	69.7	69.7	56.0	62.5	69.7	49.0	54.0
	Median	26.0	26.0	25.0	10.3	29.8	25.0	51.0
	n	57	20	37	14	20	20	3
What percentage of the F&A is returned to the department? (%)	Mean	16.86	24.93	12.42	6.93	26.76	16.40	6.97
	(STD)	(22.50)	(31.32)	(14.36)	(13.16)	(27.77)	(20.91)	(4.86)
	Minimum	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Maximum	100.0	100.0	57.4	50.0	100.0	60.0	11.2
	Median	10.0	15.0	8.6	0.1	22.0	8.3	8.3
	n	62	22	40	16	21	21	4
What percentage of the F&A is returned to the faculty member? (%)	Mean	6.89	9.74	5.24	5.31	7.24	8.80	1.94
	(STD)	(13.65)	(17.97)	(10.31)	(13.60)	(12.81)	(15.97)	(3.88)
	Minimum	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Maximum	50.0	50.0	50.0	50.0	50.0	50.0	7.8
	Median	0.0	0.0	0.0	0.0	1.0	0.5	0.0
	n	60	22	38	16	20	20	4
What percentage of royalties are returned to the department? (%)	Mean	12.89	14.01	12.18	13.40	13.77	12.34	9.38
	(STD)	(12.62)	(12.39)	(12.88)	(16.19)	(11.51)	(11.44)	(11.97)
	Minimum	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Maximum	65.0	40.0	65.0	65.0	40.0	33.0	25.0
	Median	12.0	13.0	10.0	10.0	12.0	12.5	6.3
	n	57	22	35	15	19	19	4

Table 1 - Continue: Institutional Support

Questions	Type of Institution			Region				
	Overall	Private	Public	Northeastern	Midwest	Southern	Western	
What percentage of royalties are returned to the faculty member? (%)	Mean	36.47	32.15	39.11	39.57	35.36	35.08	37.00
	(STD)	(19.66)	(18.90)	(19.92)	(23.09)	(17.75)	(17.74)	(30.10)
	Minimum	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Maximum	100.0	60.0	100.0	100.0	75.0	50.0	63.0
	Median	40.0	36.7	40.0	40.0	36.7	37.5	42.5
	n	58	22	36	15	20	19	4
Does your institution provide bridge funding								
Yes	70.77%	60.87%	76.19%	82.35%	72.73%	68.18%	25.00%	
No	29.23%	39.13%	23.81%	17.65%	27.27%	31.82%	75.00%	
n	65	23	42	17	22	22	4	
How much bridge funding does the institution provide exclusive of faculty salary?	Mean	\$58,668	\$79,038	\$46,939	\$105,448	\$38,750	\$42,053	\$25,000
	(STD)	(\$84,767)	(\$133,790)	(\$31,545)	(\$141,648)	(\$33,342)	(\$34,117)	(\$35,355)
	Minimum	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Maximum	\$500,000	\$500,000	\$100,000	\$500,000	\$100,000	\$100,000	\$50,000
	Median	\$50,000	\$40,000	\$50,000	\$50,000	\$32,500	\$50,000	\$25,000
	n	52	19	33	15	16	19	2
What percentage of bridge funding is the responsibility of the department? (%)	Mean	31.17	26.81	33.59	14.38	37.44	36.27	50.00
	(STD)	(37.42)	(37.96)	(37.41)	(23.37)	(38.44)	(40.76)	(70.71)
	Minimum	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Maximum	100.0	100.0	100.0	60.0	100.0	100.0	100.0
	Median	20.0	0.0	22.5	0.0	33.0	22.5	50.0
	n	59	21	38	16	19	22	2
Does the bridge funding cover technician salary								
Yes	86.21%	80.95%	89.19%	86.67%	80.00%	90.48%	100.00%	
No	13.79%	19.05%	10.81%	13.33%	20.00%	9.52%	0.00%	
n	58	21	37	15	20	21	2	
Does the bridge funding cover supplies								
Yes	93.10%	80.95%	100.00%	93.33%	90.00%	95.24%	100.00%	
No	6.90%	19.05%	0.00%	6.67%	10.00%	4.76%	0.00%	
n	58	21	37	15	20	21	2	

Table 1 - Continue: Institutional Support

Questions	Type of Institution			Region				
	Overall	Private	Public	Northeastern	Midwest	Southern	Western	
Total space in the department (sq. ft.)	Mean	25,388.05	18,610.36	29,211.36	25,525.04	25,943.35	26,204.12	17,779.25
	(STD)	(17,093.10)	(14,267.70)	(17,528.04)	(13,783.25)	(19,296.87)	(19,083.17)	(4,843.35)
	Minimum	1,500	1,500	4,300	4,000	1,500	4,300	13,012
	Maximum	82,500	64,324	82,500	64,324	67,823	82,500	22,000
	Median	22,000	16,705	26,030	25,515	21,279	20,581	18,053
	n	61	22	39	16	20	21	4
What is the average space per faculty member (sq. ft.)	Mean	1,136.23	1,035.45	1,193.08	1,116.44	1,062.90	1,127.90	1,625.75
	(STD)	(489.46)	(443.70)	(510.17)	(422.82)	(420.68)	(597.89)	(188.54)
	Minimum	250	300	250	300	300	250	1,435
	Maximum	3,174	1,853	3,174	1,853	1,811	3,174	1,800
	Median	1,056	1,000	1,100	1,200	1,000	1,000	1,634
	n	61	22	39	16	20	21	4

## **Table 2: Start-up Costs**

**Table 2: Start-up Costs**

Questions	Type of Institution			Region				
	Overall	Private	Public	Northeastern	Midwest	Southern	Western	
Cost of start-up package	Mean	\$476,031	\$511,176	\$458,458	\$611,567	\$440,500	\$394,683	\$572,500
	(STD)	(\$279,051)	(\$364,961)	(\$227,952)	(\$355,022)	(\$291,795)	(\$189,990)	(\$66,018)
	Minimum	\$30,000	\$30,000	\$65,000	\$30,000	\$40,000	\$65,000	\$500,000
	Maximum	\$1,500,000	\$1,300,000	\$1,500,000	\$1,500,000	\$1,300,000	\$915,000	\$650,000
	Median	\$450,000	\$470,000	\$425,000	\$500,000	\$400,000	\$350,000	\$570,000
	n	60	20	40	15	20	21	4
Assistant Professor starting salary	Mean	\$78,834	\$79,870	\$78,253	\$86,824	\$75,881	\$76,405	\$74,276
	(STD)	(\$12,495)	(\$14,353)	(\$11,473)	(\$15,776)	(\$9,151)	(\$10,963)	(\$8,352)
	Minimum	\$50,000	\$52,000	\$50,000	\$60,000	\$52,000	\$50,000	\$60,000
	Maximum	\$125,000	\$120,000	\$125,000	\$125,000	\$90,000	\$95,000	\$80,000
	Median	\$79,500	\$80,000	\$77,380	\$85,000	\$77,000	\$75,000	\$77,380
	n	64	23	41	17	21	21	5
This salary is guaranteed								
	Indefinitely	28.57%	9.52%	38.10%	11.76%	28.57%	42.86%	25.00%
For a finite period	71.43%	90.48%	61.90%	88.24%	71.43%	57.14%	75.00%	
	n	63	21	42	17	21	21	4
If for a finite period, how long is this salary guaranteed? (yr(s))	Mean	4.46	5.10	3.96	3.40	6.06	3.83	3.67
	(STD)	(5.54)	(8.30)	(1.54)	(1.30)	(9.21)	(1.34)	(1.15)
	Minimum	2	2	2	2	2	3	3
	Maximum	40	40	7	7	40	7	5
	Median	3	3	3	3	3	3	3
	n	46	20	26	15	16	12	3
What is the average amount of laboratory space offered? (sq. ft.)	Mean	798.23	729.77	835.88	756.47	801.50	771.86	1,097.75
	(STD)	(264.57)	(255.26)	(265.15)	(265.42)	(266.67)	(219.06)	(377.98)
	Minimum	200	200	250	200	300	250	761
	Maximum	1,640	1,200	1,640	1,200	1,500	1,100	1,640
	Median	800	800	800	800	800	800	995
	n	62	22	40	17	20	21	4
Number of anticipated new hires in the next three years - Bacteriology	Mean	1.02	0.72	1.20	1.15	0.82	1.19	0.50
	(STD)	(0.81)	(0.83)	(0.76)	(0.90)	(0.64)	(0.91)	(0.71)
	Minimum	0	0	0	0	0	0	0
	Maximum	3	3	3	3	2	3	1
	Median	1.0	1.0	1.0	1.0	1.0	1.0	0.5
	n	48	18	30	13	17	16	2

Table 2 - Continue: Start-up Costs

Questions	Type of Institution			Region				
	Overall	Private	Public	Northeastern	Midwest	Southern	Western	
Number of anticipated new hires in the next three years - Virology	Mean	1.08	0.95	1.19	1.13	0.87	1.31	1.00
	(STD)	(0.79)	(0.97)	(0.62)	(0.96)	(0.83)	(0.63)	(0.00)
	Minimum	0	0	0	0	0	0	1
	Maximum	3	3	3	3	3	2	1
	Median	1	1	1	1	1	1	1
	n	48	21	27	16	15	13	4
Number of anticipated new hires in the next three years - Immunology	Mean	1.25	1.05	1.41	0.83	1.38	1.26	2.00
	(STD)	(0.91)	(0.65)	(1.05)	(0.72)	(0.81)	(0.73)	(2.00)
	Minimum	0	0	0	0	0	0	1
	Maximum	5	2	5	2	3	3	5
	Median	1	1	1	1	1	1	1
	n	51	22	29	12	16	19	4
Number of anticipated new hires in the next three years - Cell Biology	Mean	0.32	0.42	0.20	0.00	0.57	0.43	0.00
	(STD)	(0.78)	(1.00)	(0.42)	(0.00)	(0.79)	(1.13)	
	Minimum	0	0	0	0	0	0	0
	Maximum	3	3	1	0	2	3	0
	Median	0	0	0	0	0	0	0
	n	22	12	10	7	7	7	1
Number of anticipated new hires in the next three years - Parasitology	Mean	0.18	0.23	0.11	0.25	0.17	0.14	0.00
	(STD)	(0.39)	(0.44)	(0.33)	(0.46)	(0.41)	(0.38)	
	Minimum	0	0	0	0	0	0	0
	Maximum	1	1	1	1	1	1	0
	Median	0	0	0	0	0	0	0
	n	22	13	9	8	6	7	1
Number of anticipated new hires in the next three years - Other	Mean	0.48	0.42	0.54	0.38	0.17	0.80	0.00
	(STD)	(0.77)	(0.67)	(0.88)	(0.52)	(0.41)	(1.03)	
	Minimum	0	0	0	0	0	0	0
	Maximum	3	2	3	1	1	3	0
	Median	0.0	0.0	0.0	0.0	0.0	0.5	0.0
	n	25	12	13	8	6	10	1

**Table 3: Individual Faculty Demographics -  
Full Time Female Personnel**

**Table 3: Individual Faculty Demographics - Full Time Female Personnel**

Questions	Type of Institution			Region				
	Overall	Private	Public	Northeastern	Midwest	Southern	Western	
Full-time Female tenured faculty (primary appointees only)	Mean	2.23	2.09	2.30	2.29	2.32	2.21	1.50
	(STD)	(1.53)	(1.48)	(1.57)	(1.45)	(1.55)	(1.72)	(1.00)
	Minimum	0	0	0	0	0	0	1
	Maximum	7	6	7	6	7	5	3
	Median	2	2	2	2	2	2	1
	n	62	22	40	17	22	19	4
Full-time Female non-tenured faculty (primary appointees only - on tenure track)	Mean	1.27	1.36	1.21	1.38	1.25	1.25	1.00
	(STD)	(1.07)	(1.05)	(1.09)	(1.02)	(1.21)	(1.07)	(0.82)
	Minimum	0	0	0	0	0	0	0
	Maximum	4	4	4	4	4	3	2
	Median	1	1	1	1	1	1	1
	n	60	22	38	16	20	20	4
Full-time Female faculty (primary appointees only - non-tenure track)	Mean	1.52	1.83	1.34	2.65	0.68	1.62	0.25
	(STD)	(1.79)	(2.25)	(1.44)	(2.47)	(0.95)	(1.32)	(0.50)
	Minimum	0	0	0	0	0	0	0
	Maximum	9	9	5	9	3	5	1
	Median	1	1	1	3	0	2	0
	n	61	23	38	17	19	21	4

**Table 4: Individual Faculty Demographics -  
Full Time Male Personnel**

**Table 4: Individual Faculty Demographics - Full Time Male Personnel**

Questions	Overall	Type of Institution		Region				
		Private	Public	Northeastern	Midwest	Southern	Western	
Full-time Male tenured faculty (primary appointees only)	Mean	8.19	6.32	9.20	7.41	8.41	9.15	5.50
	(STD)	(4.45)	(3.56)	(4.59)	(3.18)	(4.67)	(5.38)	(0.58)
	Minimum	2	2	2	2	2	2	5
	Maximum	19	15	19	13	16	19	6
	Median	7.0	6.0	9.0	7.0	7.5	8.0	5.5
	n	63	22	41	17	22	20	4
Full-time Male non-tenured (primary appointees only - on tenure track)	Mean	2.97	3.14	2.87	3.94	2.45	2.95	1.67
	(STD)	(2.28)	(2.73)	(2.03)	(3.02)	(1.99)	(1.78)	(1.15)
	Minimum	0	0	0	0	0	1	1
	Maximum	10	10	9	10	7	6	3
	Median	2.0	2.0	3.0	3.0	1.5	3.0	1.0
	n	60	21	39	16	22	19	3
Full-time Male faculty (primary appointees only - non-tenure track)	Mean	2.03	2.14	1.97	3.38	0.63	2.52	0.75
	(STD)	(2.56)	(3.01)	(2.30)	(3.24)	(1.30)	(2.42)	(0.96)
	Minimum	0	0	0	0	0	0	0
	Maximum	9	9	8	9	5	8	2
	Median	1.0	0.5	1.0	3.5	0.0	2.0	0.5
	n	60	22	38	16	19	21	4

**Table 5: Individual Faculty Demographics -  
Full Time Minority Personnel**

**Table 5: Individual Faculty Demographics - Full Time Minority Personnel**

Questions	Type of Institution			Region				
	Overall	Private	Public	Northeastern	Midwest	Southern	Western	
Full-time Minority tenured faculty (primary appointees only)	Mean	0.82	0.95	0.76	1.00	0.65	0.74	1.67
	(STD)	(1.83)	(2.24)	(1.61)	(2.30)	(2.01)	(1.19)	(2.08)
	Minimum	0	0	0	0	0	0	0
	Maximum	9	9	9	9	9	5	4
	Median	0	0	0	0	0	0	1
	n	57	20	37	15	20	19	3
Full-time Minority non-tenured (primary appointees only - on tenure track)	Mean	0.46	0.60	0.39	0.80	0.32	0.42	0.00
	(STD)	(0.71)	(0.82)	(0.64)	(0.94)	(0.48)	(0.69)	(0.00)
	Minimum	0	0	0	0	0	0	0
	Maximum	3	3	2	3	1	2	0
	Median	0	0	0	1	0	0	0
	n	56	20	36	15	19	19	3
Full-time Minority faculty (primary appointees only - non-tenure track)	Mean	0.50	0.68	0.39	0.81	0.11	0.68	0.25
	(STD)	(0.90)	(1.13)	(0.73)	(1.22)	(0.32)	(0.95)	(0.50)
	Minimum	0	0	0	0	0	0	0
	Maximum	4	4	3	4	1	3	1
	Median	0	0	0	0	0	0	0
	n	58	22	36	16	19	19	4

## **Table 6: Departmental Graduate Programs**

**Table 6: Departmental Graduate Programs**

Questions	Overall	Type of Institution		Region			
		Private	Public	Northeastern	Midwest	Southern	Western
Does your department offer a degree in Microbiology?							
Yes	62.12%	62.50%	61.90%	70.59%	72.73%	54.55%	20.00%
No	37.88%	37.50%	38.10%	29.41%	27.27%	45.45%	80.00%
n	66	24	42	17	22	22	5
How many of your department faculty participate in a 'department only' graduate program for the following?:							
Primary Appointments							
Mean	9.34	7.78	10.29	10.29	9.33	9.58	4.25
(STD)	(8.96)	(7.51)	(9.70)	(8.67)	(7.40)	(11.30)	(5.68)
Minimum	0	0	0	0	0	0	0
Maximum	35	25	35	25	20	35	12
Median	10.0	11.0	10.0	12.0	11.0	10.0	2.5
n	61	23	38	17	21	19	4
How many of your department faculty participate in a 'department only' graduate program for the following?:							
Joint Appointments							
Mean	3.84	1.67	5.14	4.00	2.40	5.59	3.00
(STD)	(6.74)	(2.44)	(8.08)	(5.01)	(3.52)	(10.33)	(6.00)
Minimum	0	0	0	0	0	0	0
Maximum	35	7	35	19	13	35	12
Median	0.5	0.0	2.0	4.0	1.0	0.0	0.0
n	56	21	35	15	20	17	4
Average number of years to graduate from the department based graduate program (yr(s)).							
Mean	4.74	4.37	4.96	5.08	4.78	4.25	5.50
(STD)	(1.77)	(2.26)	(1.38)	(1.47)	(1.78)	(2.09)	(0.71)
Minimum	0	0	0	0	0	0	5
Maximum	7	7	6	7	6	6	6
Median	5.0	5.0	5.0	5.0	5.0	5.0	5.5
n	55	21	34	17	19	17	2
How many of your department faculty participate in a "interdisciplinary" graduate program							
Mean	11.87	9.50	13.33	13.35	11.90	11.95	6.40
(STD)	(9.49)	(6.25)	(10.84)	(7.33)	(11.79)	(9.41)	(4.16)
Minimum	0	0	0	0	0	0	1
Maximum	43	21	43	28	42	43	11
Median	10	10	10	12	7	10	6
n	63	24	39	17	21	20	5

Table 6 - Continue: Departmental Graduate Programs

Questions	Type of Institution			Region				
	Overall	Private	Public	Northeastern	Midwest	Southern	Western	
Does your department offer a MS/MA degree								
Yes	50.77%	41.67%	56.10%	47.06%	66.67%	50.00%	0.00%	
No	49.23%	58.33%	43.90%	52.94%	33.33%	50.00%	100.00%	
n	65	24	41	17	21	22	5	
How many MS/MA students do you have?	Mean	2.02	2.62	1.67	3.25	2.00	1.21	0.00
	(STD)	(4.30)	(6.28)	(2.59)	(7.14)	(2.49)	(2.44)	(0.00)
	Minimum	0	0	0	0	0	0	0
	Maximum	26	26	10	26	10	10	0
	Median	0	0	0	0	1	0	0
	n	57	21	36	16	20	19	2
How many Ph.D. students do you have?	Mean	25.74	23.30	27.18	30.82	22.05	24.62	30.67
	(STD)	(16.74)	(16.04)	(17.18)	(11.10)	(15.80)	(21.20)	(12.42)
	Minimum	0	0	0	11	0	0	23
	Maximum	90	50	90	50	50	90	45
	Median	25.5	23.0	28.0	29.0	18.0	19.0	24.0
	n	62	23	39	17	21	21	3

## **Table 7: Graduate Student Candidates**

**Table 7: Graduate Student Candidates (during the past academic year)**

Questions	Overall	Type of Institution		Region				
		Private	Public	Northeastern	Midwest	Southern	Western	
Does your department participate in an integrated admission process in the 1st year?								
Yes	68.75%	54.17%	77.50%	47.06%	66.67%	90.48%	60.00%	
No	31.25%	45.83%	22.50%	52.94%	33.33%	9.52%	40.00%	
n	64	24	40	17	21	21	5	
If so, what is the number of US Resident/Citizen Graduate Student Candidates (accepted to the department from the integrated admission process):								
US resident/citizen - accepted directly into a lab	Mean	1.18	1.91	0.89	0.75	0.45	1.84	0.00
	(STD)	(3.03)	(4.39)	(2.33)	(2.12)	(0.69)	(4.05)	
	Minimum	0	0	0	0	0	0	0
	Maximum	14	14	12	6	2	14	0
	Median	0	0	0	0	0	0	0
	n	39	11	28	8	11	19	1
If so, what is the number of US Resident/Citizen Graduate Student Candidates (accepted to the department from the integrated admission process):								
US resident/citizen - committed to a lab in the 1st year	Mean	6.11	2.44	7.29	6.83	2.55	7.95	6.00
	(STD)	(9.09)	(3.75)	(10.01)	(16.74)	(4.25)	(8.13)	
	Minimum	0	0	0	0	0	0	6
	Maximum	41	10	41	41	14	28	6
	Median	2	0	3	0	1	5	6
	n	37	9	28	6	11	19	1
If so, what is the number of US Resident/Citizen Graduate Student Candidates (accepted to the department from the integrated admission process):								
US resident/citizen - matriculated	Mean	8.69	4.00	10.54	8.75	8.36	8.79	10.00
	(STD)	(10.68)	(3.46)	(11.98)	(13.56)	(13.90)	(7.85)	
	Minimum	0	0	0	0	0	0	10
	Maximum	48	11	48	41	48	28	10
	Median	4.0	4.0	5.5	4.5	4.0	4.0	10.0
	n	39	11	28	8	11	19	1
If so, what is the number of US Resident/Citizen Graduate Student Candidates (accepted to the department from the integrated admission process):								
US resident/citizen - percent of attrition for the last two years (%)	Mean	4.70	3.18	5.35	6.38	6.00	2.88	5.00
	(STD)	(7.96)	(4.96)	(8.94)	(7.95)	(10.62)	(5.78)	
	Minimum	0	0	0	0	0	0	5
	Maximum	30	13	30	22	30	20	5
	Median	0.0	1.0	0.0	4.0	0.0	0.0	5.0
	n	37	11	26	8	12	16	1

Table 7 - Continue: Graduate Student Candidates

Questions	Overall	Type of Institution		Region				
		Private	Public	Northeastern	Midwest	Southern	Western	
If so, what is the number of US Resident/Citizen Graduate Student Candidates (accepted to the department from the integrated admission process): US resident/citizen - total number in department	Mean	22.38	14.09	25.52	37.75	17.83	17.95	38.00
	(STD)	(29.87)	(9.10)	(34.29)	(61.85)	(15.70)	(11.91)	
	Minimum	0	0	0	0	0	4	38
	Maximum	189	28	189	189	48	45	38
	Median	17.5	14.0	18.0	21.5	15.5	17.0	38.0
	n	40	11	29	8	12	19	1
If so, what is the number of US Resident/Citizen Graduate Student Candidates (accepted to the department from the integrated admission process): US resident/citizen - departmentally recruited	Mean	5.81	0.55	8.04	0.25	12.91	4.18	0.00
	(STD)	(12.27)	(1.29)	(14.09)	(0.71)	(17.22)	(9.89)	
	Minimum	0	0	0	0	0	0	0
	Maximum	39	4	39	2	37	39	0
	Median	0	0	0	0	0	0	0
	n	37	11	26	8	11	17	1
If so, what is the number of US Resident/Citizen Graduate Student Candidates (accepted to the department from the integrated admission process): US resident/citizen - entry through interdisciplinary programs	Mean	12.58	8.55	14.22	15.00	8.91	12.33	38.00
	(STD)	(11.94)	(8.02)	(12.98)	(13.31)	(10.33)	(11.18)	
	Minimum	0	0	0	2	0	0	38
	Maximum	45	24	45	41	34	45	38
	Median	7.5	7.0	8.0	9.5	6.0	12.0	38.0
	n	38	11	27	8	11	18	1
If so, what number of non-US residents/citizens (Other) Graduate Student Candidates (accepted to the department from the integrated admission process): Other - accepted directly into a lab	Mean	0.74	0.91	0.67	0.75	0.55	0.89	0.00
	(STD)	(1.62)	(2.07)	(1.44)	(2.12)	(1.51)	(1.57)	
	Minimum	0	0	0	0	0	0	0
	Maximum	6	6	5	6	5	5	0
	Median	0	0	0	0	0	0	0
	n	38	11	27	8	11	18	1
If so, what number of non-US residents/citizens (Other) Graduate Student Candidates (accepted to the department from the integrated admission process): Other - committed to a lab in the 1st year	Mean	3.00	0.56	3.79	2.67	0.91	4.11	7.00
	(STD)	(5.37)	(0.88)	(5.97)	(6.53)	(1.70)	(6.28)	
	Minimum	0	0	0	0	0	0	7
	Maximum	23	2	23	16	5	23	7
	Median	0	0	1	0	0	1	7
	n	37	9	28	6	11	19	1
If so, what number of non-US residents/citizens (Other) Graduate Student Candidates (accepted to the department from the integrated admission process): Other - matriculated	Mean	4.34	2.45	5.11	5.00	2.82	4.83	7.00
	(STD)	(5.76)	(4.37)	(6.15)	(6.59)	(3.63)	(6.65)	
	Minimum	0	0	0	0	0	0	7
	Maximum	24	15	24	16	11	24	7
	Median	2.0	1.0	2.0	2.5	2.0	2.0	7.0
	n	38	11	27	8	11	18	1

Table 7 - Continue: Graduate Student Candidates

Questions	Overall	Type of Institution		Region				
		Private	Public	Northeastern	Midwest	Southern	Western	
If so, what is the number of US Resident/Citizen Graduate Student Candidates (accepted to the department from the integrated admission process): Other - percent of attrition for the last two years (%)	Mean	2.24	1.50	2.54	5.86	0.27	2.13	0.00
	(STD)	(5.11)	(4.74)	(5.32)	(7.88)	(0.65)	(4.97)	
	Minimum	0	0	0	0	0	0	0
	Maximum	18	15	18	18	2	17	0
	Median	0	0	0	0	0	0	0
	n	34	10	24	7	11	15	1
If so, what number of non-US residents/citizens (Other) Graduate Student Candidates (accepted to the department from the integrated admission process): Other - total number in department	Mean	10.49	6.09	12.21	23.75	5.18	8.16	7.00
	(STD)	(22.30)	(6.02)	(25.98)	(47.38)	(5.60)	(7.57)	
	Minimum	0	0	0	0	0	0	7
	Maximum	140	16	140	140	15	24	7
	Median	6	4	6	8	3	6	7
	n	39	11	28	8	11	19	1
If so, what number of non-US residents/citizens (Other) Graduate Student Candidates (accepted to the department from the integrated admission process): Other - departmentally recruited	Mean	1.84	0.55	2.38	0.63	2.45	2.12	0.00
	(STD)	(3.93)	(1.21)	(4.53)	(1.19)	(3.86)	(4.85)	
	Minimum	0	0	0	0	0	0	0
	Maximum	19	3	19	3	11	19	0
	Median	0	0	0	0	0	0	0
	n	37	11	26	8	11	17	1
If so, what number of non-US residents/citizens (Other) Graduate Student Candidates (accepted to the department from the integrated admission process): Other - entry through interdisciplinary programs	Mean	5.73	5.36	5.88	8.38	3.09	6.12	7.00
	(STD)	(6.36)	(5.97)	(6.62)	(6.61)	(4.68)	(7.04)	
	Minimum	0	0	0	1	0	0	7
	Maximum	22	16	22	16	15	22	7
	Median	3	3	3	7	1	2	7
	n	37	11	26	8	11	17	1
If so, what number of Minority Graduate Student Candidates (accepted to the department from the integrated admission process): Minority - accepted directly into a lab	Mean	0.19	0.00	0.26	0.00	0.45	0.11	0.00
	(STD)	(0.70)	(0.00)	(0.81)	(0.00)	(1.21)	(0.32)	
	Minimum	0	0	0	0	0	0	0
	Maximum	4	0	4	0	4	1	0
	Median	0	0	0	0	0	0	0
	n	37	10	27	7	11	18	1
If so, what number of Minority Graduate Student Candidates (accepted to the department from the integrated admission process): Minority - committed to a lab in the 1st year	Mean	1.11	0.22	1.39	0.00	0.27	1.68	6.00
	(STD)	(2.08)	(0.67)	(2.30)	(0.00)	(0.90)	(2.38)	
	Minimum	0	0	0	0	0	0	6
	Maximum	9	2	9	0	3	9	6
	Median	0	0	0	0	0	1	6
	n	37	9	28	6	11	19	1

Table 7 - Continue: Graduate Student Candidates

Questions	Overall	Type of Institution		Region				
		Private	Public	Northeastern	Midwest	Southern	Western	
If so, what number of Minority Graduate Student Candidates (accepted to the department from the integrated admission process): Minority - matriculated	Mean	1.36	0.55	1.68	0.63	1.00	1.56	8.00
	(STD)	(2.23)	(0.93)	(2.51)	(1.06)	(1.54)	(2.48)	
	Minimum	0	0	0	0	0	0	8
	Maximum	9	3	9	3	4	9	8
	Median	0.0	0.0	0.5	0.0	0.0	0.5	8.0
	n	39	11	28	8	12	18	1
If so, what number of Minority Graduate Student Candidates (accepted to the department from the integrated admission process): Minority - percent of attrition for the last two years (%)	Mean	1.37	1.45	1.33	3.75	1.18	0.33	0.00
	(STD)	(4.65)	(3.50)	(5.16)	(8.76)	(3.31)	(1.29)	
	Minimum	0	0	0	0	0	0	0
	Maximum	25	11	25	25	11	5	0
	Median	0	0	0	0	0	0	0
	n	35	11	24	8	11	15	1
If so, what number of Minority Graduate Student Candidates (accepted to the department from the integrated admission process): Minority - total number in department	Mean	3.03	1.82	3.52	2.63	2.82	3.17	6.00
	(STD)	(4.03)	(1.83)	(4.58)	(2.13)	(6.16)	(3.24)	
	Minimum	0	0	0	0	0	0	6
	Maximum	21	4	21	6	21	9	6
	Median	2	2	2	3	1	2	6
	n	38	11	27	8	11	18	1
If so, what number of Minority Graduate Student Candidates (accepted to the department from the integrated admission process): Minority - departmentally recruited	Mean	1.05	0.36	1.33	0.00	2.18	0.89	0.00
	(STD)	(3.30)	(1.21)	(3.83)	(0.00)	(5.64)	(1.91)	
	Minimum	0	0	0	0	0	0	0
	Maximum	19	4	19	0	19	7	0
	Median	0	0	0	0	0	0	0
	n	38	11	27	8	11	18	1
If so, what number of Minority Graduate Student Candidates (accepted to the department from the integrated admission process): Minority - entry through interdisciplinary programs	Mean	1.75	0.90	2.08	2.14	0.73	2.00	6.00
	(STD)	(2.26)	(1.52)	(2.43)	(2.27)	(1.42)	(2.45)	
	Minimum	0	0	0	0	0	0	6
	Maximum	9	4	9	6	4	9	6
	Median	1	0	1	1	0	2	6
	n	36	10	26	7	11	17	1

**Table 8: Graduate Students Stipends  
and Other Financial Information**

**Table 8: Graduate Students Stipends and Other Financial Information**

Questions		Type of Institution			Region			
		Overall	Private	Public	Northeastern	Midwest	Southern	Western
Number of Graduate Students on departmental stipends	Mean	5.75	4.50	6.43	5.63	7.61	4.42	4.25
	(STD)	(7.45)	(4.72)	(8.55)	(7.57)	(9.43)	(5.39)	(5.91)
	Minimum	0	0	0	0	0	0	0
	Maximum	38	16	38	29	38	18	13
	Median	4.0	3.5	5.0	3.5	5.5	2.0	2.0
	n	57	20	37	16	18	19	4
Number of Graduate Students on training grant stipends	Mean	3.40	2.85	3.70	3.93	3.47	3.05	3.00
	(STD)	(5.08)	(3.73)	(5.70)	(3.81)	(4.91)	(6.45)	(2.16)
	Minimum	0	0	0	0	0	0	0
	Maximum	27	11	27	11	14	27	5
	Median	2.0	1.0	2.0	3.0	0.0	0.0	3.5
	n	57	20	37	15	17	21	4
Number of Graduate Students on research grant stipends	Mean	16.17	14.20	17.18	19.19	14.50	15.00	17.75
	(STD)	(10.78)	(9.51)	(11.36)	(9.00)	(10.58)	(11.32)	(16.56)
	Minimum	0	0	0	2	0	0	1
	Maximum	41	37	41	37	41	38	40
	Median	15.0	14.0	18.0	19.0	13.5	13.0	15.0
	n	59	20	39	16	18	21	4
Number of Graduate Students on other stipends	Mean	3.61	5.50	2.71	6.20	2.59	3.20	0.25
	(STD)	(6.01)	(9.54)	(3.03)	(10.23)	(2.29)	(3.74)	(0.50)
	Minimum	0	0	0	0	0	0	0
	Maximum	39	39	14	39	8	14	1
	Median	2	2	2	3	2	2	0
	n	56	18	38	15	17	20	4

Table 8 - Continue: Graduate Students Stipends and Other Financial Information

Questions	Overall	Type of Institution		Region				
		Private	Public	Northeastern	Midwest	Southern	Western	
What is the average stipend for Ph.D. students?	Mean	\$23,112	\$24,172	\$22,595	\$24,483	\$22,585	\$22,422	\$23,409
	(STD)	(\$2,521)	(\$3,023)	(\$2,088)	(\$3,135)	(\$2,116)	(\$2,037)	(\$2,082)
	Minimum	\$16,000	\$16,000	\$17,376	\$16,000	\$17,376	\$17,500	\$21,386
	Maximum	\$28,870	\$28,870	\$26,500	\$28,870	\$26,000	\$26,000	\$26,250
	Median	\$23,000	\$24,750	\$22,750	\$25,000	\$23,000	\$22,500	\$23,000
	n	61	20	41	17	19	21	4
Percentage of students with tuition and fees paid by the department? (%)	Mean	\$58	\$69	\$53	\$54	\$73	\$51	\$42
	(STD)	(\$46)	(\$43)	(\$47)	(\$43)	(\$44)	(\$50)	(\$46)
	Minimum	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Maximum	\$100	\$100	\$100	\$100	\$100	\$100	\$100
	Median	\$90	\$100	\$64	\$60	\$100	\$70	\$35
	n	60	20	40	17	18	21	4
Is health insurance provided for your graduate students?								
Yes	82.54%	81.82%	82.93%	94.12%	76.19%	80.95%	75.00%	
No	17.46%	18.18%	17.07%	5.88%	23.81%	19.05%	25.00%	
n	63	22	41	17	21	21	4	
If yes, how much (total cost from all sources)?	Mean	\$2,422	\$2,086	\$2,641	\$2,461	\$2,736	\$2,242	\$1,959
	(STD)	(\$2,142)	(\$894)	(\$2,659)	(\$983)	(\$3,698)	(\$1,617)	(\$624)
	Minimum	\$300	\$955	\$300	\$1,412	\$300	\$300	\$1,518
	Maximum	\$13,542	\$4,996	\$13,542	\$4,996	\$13,542	\$6,000	\$2,400
	Median	\$1,820	\$1,800	\$1,910	\$2,217	\$1,732	\$1,692	\$1,959
	n	43	17	26	13	11	17	2
Is a recruiting bonus paid to incoming graduate students?								
Yes	9.52%	0.00%	14.63%	0.00%	19.05%	4.76%	25.00%	
No	90.48%	100.00%	85.37%	100.00%	80.95%	95.24%	75.00%	
n	63	22	41	17	21	21	4	
If yes, how much (total cost from all sources)?	Mean	\$4,017		\$4,017		\$4,400	\$6,000	\$500
	(STD)	(\$5,555)		(\$5,555)		(\$6,768)		
	Minimum	\$500		\$500		\$500	\$6,000	\$500
	Maximum	\$14,500		\$14,500		\$14,500	\$6,000	\$500
	Median	\$1,300		\$1,300		\$1,300	\$6,000	\$500
	n	6	0	6	0	4	1	1

Table 8 - Continue: Graduate Students Stipends and Other Financial Information

Questions	Overall	Type of Institution		Region			
		Private	Public	Northeastern	Midwest	Southern	Western
Is health insurance provided for your post-doctoral fellows?							
Yes	14.52%	76.19%	90.24%	88.24%	80.00%	95.24%	50.00%
No	85.48%	23.81%	9.76%	11.76%	20.00%	4.76%	50.00%
n	62	21	41	17	20	21	4
If yes, how much (total cost from all sources)?							
Mean	\$4,673	\$3,524	\$5,292	\$3,840	\$5,210	\$4,585	\$5,952
(STD)	(\$3,139)	(\$1,983)	(\$3,490)	(\$2,269)	(\$4,408)	(\$2,693)	(\$248)
Minimum	\$600	\$745	\$600	\$745	\$600	\$600	\$5,776
Maximum	\$17,446	\$8,500	\$17,446	\$8,500	\$17,446	\$12,000	\$6,127
Median	\$4,429	\$3,001	\$4,566	\$3,600	\$4,188	\$4,428	\$5,952
n	40	14	26	9	12	17	2

## **Table 9: Departmental Postdoctoral Information**

**Table 9: Departmental Postdoctoral Information**

Questions		Type of Institution			Region			
		Overall	Private	Public	Northeastern	Midwest	Southern	Western
Number of US citizen/permanent resident postdoctoral fellows in the department.	Mean	5.06	5.35	4.90	6.24	5.40	4.00	4.00
	(STD)	(5.46)	(6.61)	(4.73)	(6.03)	(6.39)	(4.20)	(4.24)
	Minimum	0	0	0	0	0	0	1
	Maximum	25	25	18	18	25	16	10
	Median	3.5	2.0	4.0	4.0	4.0	3.0	2.5
	n	62	23	39	17	20	21	4
Number of other postdoctoral fellows in the department.	Mean	8.22	7.57	8.59	14.00	5.19	7.41	4.00
	(STD)	(8.60)	(7.76)	(9.10)	(11.87)	(5.01)	(7.02)	(2.45)
	Minimum	0	0	0	1	0	0	2
	Maximum	47	29	47	47	19	25	7
	Median	6.0	6.0	6.0	9.0	4.0	6.0	3.5
	n	64	23	41	17	21	22	4
Average number of years of training for your postdoctoral fellows (yr(s)).	Mean	3.24	2.86	3.45	3.35	2.75	3.57	3.50
	(STD)	(1.13)	(1.08)	(1.11)	(0.79)	(1.37)	(1.08)	(0.58)
	Minimum	0	0	2	2	0	2	3
	Maximum	6	5	6	5	5	6	4
	Median	3.0	3.0	3.0	3.0	3.0	3.0	3.5
	n	62	22	40	17	20	21	4
Are your post-doctoral fellows considered full time employees								
Yes		79.69%	72.73%	83.33%	64.71%	85.71%	90.91%	50.00%
No		20.31%	27.27%	16.67%	35.29%	14.29%	9.09%	50.00%
	n	64	22	42	17	21	22	4

**Table 10: Ph.D. Graduates Placement for the Past Five Years  
(How many went directly to?)**

**Table 10: Ph.D. Graduates Placement for the Past Five Years**

Questions	Type of Institution			Region				
	Overall	Private	Public	Northeastern	Midwest	Southern	Western	
Total number of Post-doc	Mean	15.91	11.61	17.95	23.07	13.67	13.52	12.67
	(STD)	(15.58)	(7.70)	(17.90)	(24.85)	(9.44)	(11.91)	(1.53)
	Minimum	0	0	1	3	0	1	11
	Maximum	104	25	104	104	39	51	14
	Median	13.0	11.5	14.0	20.5	12.5	12.0	13.0
	n	56	18	38	14	18	21	3
Total number of Industry	Mean	2.60	1.20	3.24	2.46	2.31	2.50	5.33
	(STD)	(3.06)	(0.86)	(3.47)	(4.18)	(2.18)	(2.66)	(3.79)
	Minimum	0	0	0	0	0	0	1
	Maximum	16	3	16	16	6	8	8
	Median	1.5	1.0	2.0	2.0	1.0	1.5	7.0
	n	48	15	33	13	16	16	3
Total number of Gov't	Mean	1.39	0.71	1.69	1.18	1.21	1.78	0.67
	(STD)	(2.27)	(0.91)	(2.61)	(1.72)	(1.63)	(3.08)	(0.58)
	Minimum	0	0	0	0	0	0	0
	Maximum	13	3	13	6	5	13	1
	Median	1.0	0.5	1.0	1.0	1.0	1.0	1.0
	n	46	14	32	11	14	18	3
Total number of Tenure track faculty	Mean	0.72	0.38	0.87	0.36	0.46	1.00	1.67
	(STD)	(1.01)	(0.65)	(1.11)	(0.67)	(0.88)	(1.10)	(1.53)
	Minimum	0	0	0	0	0	0	0
	Maximum	3	2	3	2	3	3	3
	Median	0	0	0	0	0	1	2
	n	43	13	30	11	13	16	3

Table 10 - Continue: Ph.D. Grad. Placement  
for the Past 5 Years

Questions	Type of Institution			Region				
	Overall	Private	Public	Northeastern	Midwest	Southern	Western	
Total number of Non-tenure track faculty	Mean	0.63	0.60	0.64	0.42	0.77	0.80	0.00
	(STD)	(1.13)	(1.06)	(1.19)	(0.67)	(1.17)	(1.47)	(0.00)
	Minimum	0	0	0	0	0	0	0
	Maximum	5	4	5	2	4	5	0
	Median	0	0	0	0	0	0	0
	n	43	15	28	12	13	15	3
Total number of Other	Mean	3.08	2.75	3.24	2.71	2.36	3.94	3.00
	(STD)	(3.00)	(2.38)	(3.28)	(2.30)	(2.17)	(3.99)	(2.00)
	Minimum	0	0	0	0	0	0	1
	Maximum	14	9	14	7	6	14	5
	Median	3.0	2.0	3.0	2.5	1.5	3.0	3.0
	n	49	16	33	14	14	18	3

**Table 11: Postdoctoral Fellows Placement for the  
Past Five Years (How many went directly to?)**

**Table 11: Postdoctoral Fellows Placement for the Past Five Years**

Questions	Overall	Type of Institution		Region				
		Private	Public	Northeastern	Midwest	Southern	Western	
Total number of Post-doc	Mean	5.53	5.67	5.44	6.45	4.50	5.67	6.33
	(STD)	(4.91)	(6.02)	(4.25)	(5.37)	(4.49)	(4.79)	(7.51)
	Minimum	0	0	0	0	0	0	2
	Maximum	18	18	15	17	15	18	15
	Median	4.0	4.0	5.0	6.0	3.5	4.5	2.0
	n	40	15	25	11	14	12	3
Total number of Industry	Mean	3.05	2.33	3.36	3.00	2.92	3.38	2.33
	(STD)	(3.84)	(2.74)	(4.24)	(2.61)	(3.73)	(5.27)	(1.53)
	Minimum	0	0	0	0	0	0	1
	Maximum	20	8	20	8	12	20	4
	Median	2.0	1.5	2.0	2.0	1.0	2.0	2.0
	n	40	12	28	11	13	13	3
Total number of Gov't	Mean	1.38	1.00	1.57	2.00	1.14	1.20	1.00
	(STD)	(2.19)	(1.10)	(2.56)	(3.84)	(1.17)	(1.40)	
	Minimum	0	0	0	0	0	0	1
	Maximum	12	3	12	12	3	4	1
	Median	1	1	1	1	1	1	1
	n	34	11	23	9	14	10	1
Total number of Tenure track faculty	Mean	2.70	2.54	2.78	3.09	3.50	1.85	0.50
	(STD)	(3.30)	(2.88)	(3.53)	(2.88)	(4.65)	(1.57)	(0.71)
	Minimum	0	0	0	0	0	0	0
	Maximum	17	8	17	8	17	5	1
	Median	2.0	2.0	2.0	3.0	2.0	2.0	0.5
	n	40	13	27	11	14	13	2

Table 11 - Continue: Postdoctoral Fellows  
Placement for the Past Five Years

Questions	Overall	Type of Institution		Region				
		Private	Public	Northeastern	Midwest	Southern	Western	
Total number of Non-tenure track faculty	Mean	1.44	1.43	1.44	1.73	1.33	1.30	1.33
	(STD)	(1.98)	(2.03)	(2.00)	(2.20)	(2.19)	(1.57)	(2.31)
	Minimum	0	0	0	0	0	0	0
	Maximum	7	7	7	7	7	4	4
	Median	1.0	1.0	0.0	1.0	0.0	0.5	0.0
	n	39	14	25	11	15	10	3
Total number of Other	Mean	3.00	2.33	3.32	1.70	3.85	3.55	1.67
	(STD)	(3.50)	(3.70)	(3.44)	(2.06)	(4.41)	(3.56)	(2.08)
	Minimum	0	0	0	0	0	0	0
	Maximum	15	13	15	5	15	13	4
	Median	2.0	1.5	3.0	1.0	3.0	3.0	1.0
	n	37	12	25	10	13	11	3

**Table 12: Medical Student Curriculum  
(Total number of hours of instruction)**

**Table 12: Medical Student Curriculum (Total number of hours of instruction)**

Questions	Overall	Type of Institution		Region				
		Private	Public	Northeastern	Midwest	Southern	Western	
Lecture	Mean	86.29	78.09	91.31	75.94	89.89	90.86	88.00
	(STD)	(46.28)	(39.83)	(49.68)	(38.81)	(38.96)	(59.46)	(17.09)
	Minimum	2	2	16	2	40	16	70
	Maximum	247	160	247	160	200	247	104
	Median	83.5	80.0	86.5	83.5	81.5	89.0	90.0
	n	58	22	36	16	18	21	3
Laboratory	Mean	23.08	31.94	18.42	31.08	28.88	10.80	24.00
	(STD)	(39.24)	(58.64)	(23.27)	(64.61)	(31.00)	(10.46)	(8.49)
	Minimum	0	0	0	0	0	0	18
	Maximum	266	266	126	266	126	34	30
	Median	14.0	15.5	12.5	13.5	22.5	8.0	24.0
	n	58	20	38	16	20	20	2
Problem-based	Mean	65.43	31.17	83.06	56.00	56.63	84.20	19.00
	(STD)	(197.55)	(53.54)	(239.40)	(112.83)	(127.37)	(289.57)	(26.87)
	Minimum	0	0	0	0	0	0	0
	Maximum	1,307	174	1,307	427	514	1,307	38
	Median	10.0	9.5	12.0	10.0	18.0	9.0	19.0
	n	53	18	35	15	16	20	2

## **Table 13: Chair Demographics**

**Table 13: Chair Demographics**

Questions	Type of Institution			Region				
	Overall	Private	Public	Northeastern	Midwest	Southern	Western	
Total salary of the chair	Mean	\$220,182	\$218,327	\$221,153	\$235,448	\$220,410	\$207,857	\$225,645
	(STD)	(\$53,666)	(\$67,391)	(\$45,786)	(\$50,838)	(\$56,963)	(\$53,998)	(\$45,120)
	Minimum	\$105,000	\$105,000	\$105,000	\$106,000	\$105,000	\$105,000	\$184,150
	Maximum	\$330,000	\$330,000	\$297,144	\$325,000	\$315,000	\$330,000	\$272,579
	Median	\$223,853	\$227,058	\$223,853	\$242,010	\$235,850	\$202,343	\$222,925
	n	64	22	42	16	22	22	4
Amount of the Chair's salary that is an administrative supplement?	Mean	\$30,755	\$27,880	\$32,298	\$25,587	\$27,687	\$39,316	\$23,359
	(STD)	(\$28,086)	(\$34,787)	(\$24,092)	(\$30,039)	(\$23,783)	(\$32,110)	(\$12,680)
	Minimum	\$0	\$0	\$0	\$0	\$0	\$0	\$10,000
	Maximum	\$129,060	\$129,060	\$103,731	\$84,357	\$80,000	\$129,060	\$40,000
	Median	\$28,000	\$13,500	\$35,000	\$11,393	\$27,500	\$36,750	\$21,718
	n	63	22	41	16	22	21	4
As the Chair, I am	Permanent	90.91%	91.67%	90.48%	94.12%	95.45%	86.36%	80.00%
	Acting (interim)	7.58%	8.33%	7.14%	5.88%	4.55%	9.09%	20.00%
	Rotating	1.52%	0.00%	2.38%	0.00%	0.00%	4.55%	0.00%
	n	66	24	42	17	22	22	5
	How many years have you been the Chair? (yr(s))	Mean	9.35	7.56	10.39	10.59	9.05	8.16
(STD)	(7.05)	(5.82)	(7.55)	(6.29)	(7.65)	(5.75)	(13.30)	
Minimum	0.5	1	0.5	1	0.5	1	1	
Maximum	31	20	31	20	26	25	31	
Median	8.0	5.0	9.0	13.0	8.5	7.0	8.5	
n	65	24	41	17	22	22	4	
The Chair's age? (yrs)	Mean	60.21	58.96	60.94	61.65	58.90	60.68	59.00
	(STD)	(5.97)	(6.05)	(5.89)	(5.13)	(6.68)	(6.01)	(5.70)
	Minimum	47	47	50	52	47	51	53
	Maximum	73.5	71	73.5	71	71	73.5	67
	Median	61.0	60.0	61.5	62.0	60.0	61.0	60.0
	n	63	23	40	17	21	20	5
Amount of the chairs annual grant support (direct costs only)?	Mean	\$738,924	\$689,726	\$765,865	\$1,255,389	\$697,814	\$449,827	\$360,081
	(STD)	(\$1,059,438)	(\$593,840)	(\$1,249,291)	(\$1,751,355)	(\$729,434)	(\$447,635)	(\$361,606)
	Minimum	\$0	\$0	\$0	\$0	\$0	\$0	\$39,130
	Maximum	\$7,579,120	\$2,000,000	\$7,579,120	\$7,579,120	\$2,654,461	\$1,652,655	\$803,605
	Median	\$425,000	\$599,090	\$400,000	\$748,354	\$455,818	\$291,266	\$298,795
	n	65	23	42	17	22	22	4

## **Table 14: Faculty Demographics - Professors**

**Table 14: Faculty Demographics - Professors**

Questions	Type of Institution			Region				
	Overall	Private	Public	Northeastern	Midwest	Southern	Western	
Total number (excluding the Chair)	Mean	6.39	5.22	7.05	6.53	5.82	7.24	4.50
	(STD)	(3.97)	(3.79)	(3.96)	(3.10)	(3.75)	(4.99)	(1.73)
	Minimum	0	0	0	2	0	0	2
	Maximum	15	13	15	13	12	15	6
	Median	5	5	6	6	5	5	5
	n	64	23	41	17	22	21	4
Average age (yrs)	Mean	56.85	57.58	56.51	57.49	56.76	56.29	57.50
	(STD)	(4.09)	(4.50)	(3.90)	(4.76)	(3.99)	(3.70)	(5.00)
	Minimum	46	52.5	46	51	49	46	55
	Maximum	71.5	71.5	65	71.5	63.75	62	65
	Median	56	57	56	57	56	56	55
	n	56	18	38	15	18	19	4
Minimum salary	Mean	\$109,946	\$109,980	\$109,929	\$121,053	\$103,442	\$102,453	\$130,855
	(STD)	(\$23,983)	(\$28,709)	(\$21,647)	(\$25,245)	(\$18,221)	(\$19,542)	(\$39,989)
	Minimum	\$59,500	\$59,500	\$7,000	\$70,000	\$59,500	\$70,000	\$95,559
	Maximum	\$190,000	\$190,000	\$173,586	\$190,000	\$139,605	\$136,571	\$173,586
	Median	\$109,105	\$110,885	\$109,105	\$120,000	\$106,107	\$96,148	\$127,138
	n	60	20	40	17	20	19	4
Maximum salary	Mean	\$175,092	\$178,187	\$173,545	\$185,879	\$150,074	\$185,870	\$203,148
	(STD)	(\$52,165)	(\$49,695)	(\$53,909)	(\$40,550)	(\$31,046)	(\$72,306)	(\$25,635)
	Minimum	\$98,000	\$106,066	\$98,000	\$139,525	\$106,066	\$98,000	\$178,500
	Maximum	\$396,550	\$300,000	\$396,550	\$300,000	\$206,954	\$396,550	\$230,000
	Median	\$169,981	\$176,755	\$163,206	\$171,807	\$142,000	\$168,605	\$202,045
	n	60	20	40	17	20	19	4
Mean salary	Mean	\$135,701	\$137,798	\$134,757	\$146,413	\$127,112	\$130,506	\$163,157
	(STD)	(\$23,752)	(\$24,917)	(\$23,473)	(\$15,691)	(\$18,943)	(\$27,901)	(\$19,623)
	Minimum	\$83,000	\$86,898	\$83,000	\$129,684	\$86,898	\$83,000	\$143,093
	Maximum	\$183,491	\$180,000	\$183,491	\$180,000	\$160,000	\$181,750	\$183,491
	Median	\$134,948	\$138,518	\$132,579	\$142,479	\$127,486	\$130,000	\$163,022
	n	58	18	40	15	20	19	4

Table 14 - Continue: Professors

Questions	Type of Institution			Region				
	Overall	Private	Public	Northeastern	Midwest	Southern	Western	
Maximum amount of annual grant support (direct costs only)?	Mean	\$1,069,630	\$1,263,304	\$985,208	\$1,062,312	\$1,026,478	\$1,196,279	\$732,124
	(STD)	(\$1,091,158)	(\$951,662)	(\$1,147,976)	(\$776,127)	(\$1,476,532)	(\$926,300)	(\$902,130)
	Minimum	\$0	\$150,000	\$0	\$150,000	\$30,000	\$0	\$40,785
	Maximum	\$6,447,768	\$3,568,562	\$6,447,768	\$2,779,201	\$6,447,768	\$3,568,562	\$2,000,000
	Median	\$732,459	\$900,000	\$623,043	\$623,043	\$551,098	\$949,500	\$443,856
	n	56	17	39	15	19	18	4
Mean amount of annual grant support (direct costs only)?	Mean	\$378,290	\$424,190	\$357,106	\$475,042	\$270,131	\$435,522	\$298,728
	(STD)	(\$334,201)	(\$414,222)	(\$293,902)	(\$332,625)	(\$217,468)	(\$421,254)	(\$332,545)
	Minimum	\$0	\$50,000	\$0	\$50,000	\$0	\$0	\$22,321
	Maximum	\$1,934,281	\$1,934,281	\$1,212,710	\$1,212,710	\$921,100	\$1,934,281	\$748,480
	Median	\$333,832	\$359,389	\$326,986	\$391,400	\$287,394	\$372,426	\$212,056
	n	57	18	39	15	20	18	4

## **Table 15: Faculty Demographics - Associate Professors**

**Table 15: Faculty Demographics - Associate Professors**

Questions	Type of Institution			Region				
	Overall	Private	Public	Northeastern	Midwest	Southern	Western	
Total number	Mean	4.05	3.61	4.29	4.29	4.45	3.76	2.25
	(STD)	(2.70)	(1.73)	(3.12)	(2.66)	(2.77)	(2.76)	(2.22)
	Minimum	0	0	0	0	1	0	0
	Maximum	11	7	11	10	11	10	5
	Median	3.5	4.0	3.0	4.0	3.5	3.0	2.0
	n	64	23	41	17	22	21	4
Average age (yrs)	Mean	47.60	48.00	47.40	50.21	47.00	45.95	50.67
	(STD)	(7.89)	(4.86)	(9.07)	(4.42)	(4.78)	(11.72)	(4.93)
	Minimum	0	40	0	45	40	0	45
	Maximum	59	58	59	58	59	53	54
	Median	49.0	47.5	49.5	49.5	46.5	50.0	53.0
	n	55	18	37	13	20	19	3
Minimum salary	Mean	\$86,215	\$86,780	\$85,889	\$94,730	\$84,887	\$83,320	\$69,409
	(STD)	(\$16,700)	(\$15,215)	(\$17,692)	(\$14,139)	(\$18,004)	(\$12,847)	(\$28,501)
	Minimum	\$36,656	\$60,000	\$36,656	\$76,353	\$60,000	\$54,200	\$36,656
	Maximum	\$137,000	\$120,000	\$137,000	\$120,000	\$137,000	\$107,121	\$88,570
	Median	\$85,605	\$84,298	\$86,884	\$92,962	\$83,600	\$86,275	\$83,000
	n	60	22	38	16	21	20	3
Maximum salary	Mean	\$108,830	\$107,540	\$109,577	\$118,192	\$105,939	\$105,589	\$100,747
	(STD)	(\$22,227)	(\$24,763)	(\$20,932)	(\$21,934)	(\$21,086)	(\$23,869)	(\$10,705)
	Minimum	\$67,000	\$75,000	\$67,000	\$98,000	\$75,000	\$67,000	\$88,570
	Maximum	\$175,000	\$175,000	\$156,000	\$175,000	\$145,175	\$156,000	\$108,672
	Median	\$104,447	\$103,000	\$105,155	\$110,203	\$102,172	\$100,283	\$105,000
	n	60	22	38	16	21	20	3
Mean salary	Mean	\$95,679	\$92,515	\$97,302	\$100,195	\$96,638	\$92,767	\$86,989
	(STD)	(\$14,198)	(\$13,140)	(\$14,608)	(\$10,603)	(\$17,719)	(\$12,089)	(\$8,907)
	Minimum	\$67,000	\$72,500	\$67,000	\$80,000	\$72,500	\$67,000	\$77,397
	Maximum	\$140,500	\$125,000	\$140,500	\$125,000	\$140,500	\$113,000	\$95,000
	Median	\$93,058	\$92,320	\$94,032	\$99,369	\$91,649	\$91,872	\$88,570
	n	59	20	39	14	22	20	3

Table 15 - Continue: Associate Professors

Questions	Type of Institution			Region				
	Overall	Private	Public	Northeastern	Midwest	Southern	Western	
Maximum amount of annual grant support (direct costs only)?	Mean	\$384,771	\$358,593	\$398,196	\$443,990	\$429,126	\$323,699	\$190,296
	(STD)	(\$341,009)	(\$297,767)	(\$364,161)	(\$244,470)	(\$401,606)	(\$341,798)	(\$200,705)
	Minimum	\$0	\$30,000	\$0	\$165,388	\$30,000	\$0	\$0
	Maximum	\$1,316,960	\$1,316,960	\$1,227,363	\$1,074,665	\$1,316,960	\$1,227,363	\$400,000
	Median	\$300,000	\$317,850	\$300,000	\$459,250	\$287,500	\$221,831	\$170,888
	n	59	20	39	14	22	20	3
Mean amount of annual grant support (direct costs only)?	Mean	\$205,685	\$175,876	\$221,374	\$267,334	\$196,587	\$186,497	\$109,595
	(STD)	(\$227,586)	(\$127,795)	(\$265,845)	(\$260,542)	(\$170,635)	(\$268,020)	(\$127,816)
	Minimum	\$0	\$15,025	\$0	\$25,000	\$10,000	\$0	\$0
	Maximum	\$1,227,363	\$400,000	\$1,227,363	\$1,074,665	\$750,000	\$1,227,363	\$250,000
	Median	\$147,364	\$158,295	\$147,364	\$210,454	\$175,765	\$108,082	\$78,786
	n	58	20	38	14	21	20	3

## **Table 16: Faculty Demographics - Assistant Professors**

**Table 16: Faculty Demographics - Assistant Professors**

Questions	Overall	Type of Institution		Region				
		Private	Public	Northeastern	Midwest	Southern	Western	
Total number	Mean	4.22	3.91	4.39	5.00	3.23	4.90	2.75
	(STD)	(3.17)	(3.55)	(2.97)	(4.08)	(1.95)	(3.42)	(1.26)
	Minimum	0	0	1	1	0	1	1
	Maximum	14	14	14	14	8	13	4
	Median	4	3	4	4	3	4	3
	n	64	23	41	17	22	21	4
Average age (yrs)	Mean	39.99	40.72	39.67	40.92	40.64	38.22	42.00
	(STD)	(6.47)	(4.98)	(7.05)	(3.44)	(5.31)	(9.14)	(4.24)
	Minimum	4	30	4	35	30	4	38
	Maximum	56	48	56	46	56	48	48
	Median	40	40	40	40	40	39	41
	n	56	17	39	15	18	19	4
Minimum salary	Mean	\$72,305	\$72,645	\$72,130	\$75,641	\$74,938	\$68,189	\$66,571
	(STD)	(\$12,597)	(\$15,691)	(\$10,899)	(\$15,517)	(\$8,348)	(\$12,994)	(\$10,188)
	Minimum	\$40,000	\$40,000	\$42,000	\$40,000	\$56,906	\$42,000	\$55,469
	Maximum	\$105,000	\$105,000	\$88,150	\$105,000	\$88,150	\$87,418	\$80,000
	Median	\$75,854	\$71,714	\$76,000	\$77,600	\$77,000	\$68,000	\$65,407
	n	62	21	41	17	20	21	4
Maximum salary	Mean	\$89,840	\$87,585	\$90,996	\$94,433	\$83,437	\$93,899	\$81,032
	(STD)	(\$20,288)	(\$14,687)	(\$22,711)	(\$18,797)	(\$10,057)	(\$27,670)	(\$11,346)
	Minimum	\$64,280	\$65,000	\$64,280	\$68,000	\$65,000	\$65,000	\$64,280
	Maximum	\$199,000	\$135,000	\$199,000	\$142,139	\$102,000	\$199,000	\$88,849
	Median	\$86,911	\$87,550	\$85,463	\$93,777	\$85,000	\$89,205	\$85,500
	n	62	21	41	17	20	21	4
Mean salary	Mean	\$80,271	\$80,944	\$79,944	\$85,725	\$78,858	\$78,499	\$74,830
	(STD)	(\$10,526)	(\$13,123)	(\$9,169)	(\$13,002)	(\$8,121)	(\$9,528)	(\$10,697)
	Minimum	\$54,000	\$62,000	\$54,000	\$62,000	\$65,000	\$54,000	\$59,095
	Maximum	\$120,000	\$120,000	\$95,478	\$120,000	\$92,000	\$95,478	\$83,000
	Median	\$79,151	\$77,476	\$79,908	\$86,492	\$78,901	\$77,030	\$78,613
	n	61	20	41	16	20	21	4

Table 16 - Continue: Assistant Professors

Questions	Type of Institution			Region				
	Overall	Private	Public	Northeastern	Midwest	Southern	Western	
Maximum amount of annual grant support (direct costs only)?	Mean	\$266,122	\$242,446	\$277,368	\$327,939	\$227,128	\$270,783	\$205,966
	(STD)	(\$229,449)	(\$159,273)	(\$257,263)	(\$286,759)	(\$151,695)	(\$259,277)	(\$168,475)
	Minimum	\$0	\$0	\$0	\$0	\$0	\$0	\$63,813
	Maximum	\$1,162,706	\$586,557	\$1,162,706	\$1,162,706	\$600,000	\$1,151,646	\$395,772
	Median	\$230,950	\$225,000	\$235,075	\$225,000	\$210,022	\$239,050	\$182,140
	n	59	19	40	15	20	20	4
Mean amount of annual grant support (direct costs only)?	Mean	\$148,972	\$150,019	\$148,475	\$153,650	\$166,379	\$125,096	\$163,773
	(STD)	(\$123,651)	(\$133,201)	(\$120,618)	(\$112,363)	(\$129,591)	(\$129,662)	(\$132,740)
	Minimum	\$0	\$0	\$0	\$0	\$0	\$0	\$43,177
	Maximum	\$575,823	\$504,227	\$575,823	\$396,817	\$504,227	\$575,823	\$300,000
	Median	\$104,763	\$104,763	\$106,969	\$104,763	\$114,808	\$103,250	\$155,958
	n	59	19	40	15	20	20	4

## **Table 17: Faculty Demographics - Instructors**

**Table 17: Faculty Demographics - Instructors**

Questions	Type of Institution			Region				
	Overall	Private	Public	Northeastern	Midwest	Southern	Western	
Total number	Mean	0.75	1.00	0.61	0.76	0.95	0.65	0.25
	(STD)	(1.35)	(1.71)	(1.08)	(1.25)	(1.76)	(1.09)	(0.50)
	Minimum	0	0	0	0	0	0	0
	Maximum	6	6	4	5	6	3	1
	Median	0	0	0	0	0	0	0
	n	61	23	38	17	20	20	4
Average age (yrs)	Mean	42.50	39.14	44.64	46.33	42.80	39.67	35.00
	(STD)	(7.42)	(3.13)	(8.65)	(7.84)	(5.63)	(7.87)	
	Minimum	28	35	28	35	37	28	35
	Maximum	54	43	54	54	50	51	35
	Median	41.5	40.0	47.0	47.0	42.0	39.0	35.0
	n	18	7	11	6	5	6	1
Minimum salary	Mean	\$50,548	\$45,941	\$53,738	\$55,243	\$49,625	\$46,544	\$46,550
	(STD)	(\$9,171)	(\$5,536)	(\$9,991)	(\$11,481)	(\$9,573)	(\$3,554)	
	Minimum	\$37,000	\$37,000	\$45,000	\$40,000	\$37,000	\$42,000	\$46,550
	Maximum	\$76,219	\$53,559	\$76,219	\$76,219	\$66,000	\$53,530	\$46,550
	Median	\$47,713	\$46,602	\$50,000	\$52,826	\$48,875	\$46,000	\$46,550
	n	22	9	13	8	6	7	1
Maximum salary	Mean	\$58,039	\$52,538	\$61,848	\$63,120	\$60,835	\$51,478	\$46,550
	(STD)	(\$14,200)	(\$8,301)	(\$16,387)	(\$12,576)	(\$19,218)	(\$9,951)	
	Minimum	\$43,479	\$43,479	\$45,000	\$47,304	\$43,479	\$45,000	\$46,550
	Maximum	\$94,000	\$65,000	\$94,000	\$83,669	\$94,000	\$72,738	\$46,550
	Median	\$52,515	\$50,000	\$55,400	\$62,500	\$56,884	\$46,578	\$46,550
	n	22	9	13	8	6	7	1
Mean salary	Mean	\$54,117	\$49,715	\$57,164	\$59,666	\$54,886	\$48,196	\$46,550
	(STD)	(\$10,370)	(\$6,247)	(\$11,730)	(\$9,924)	(\$13,535)	(\$4,088)	
	Minimum	\$40,165	\$40,165	\$45,000	\$47,304	\$40,165	\$44,759	\$46,550
	Maximum	\$78,000	\$58,156	\$78,000	\$76,219	\$78,000	\$54,030	\$46,550
	Median	\$51,765	\$49,051	\$54,030	\$56,778	\$53,385	\$46,000	\$46,550
	n	22	9	13	8	6	7	1