



ASSOCIATION OF
AMERICAN
MEDICAL COLLEGES

2001 AAMC Survey of Housestaff Stipends, Benefits and Funding

November 2001 Report

AAMC Division of Health Care Affairs

INTRODUCTION

The **AAMC Survey of Housestaff Stipends, Benefits, and Funding (AAMC Housestaff Survey)** has been published annually by the Association of American Medical Colleges since 1968. In 1995, the AAMC implemented a two-year cycle for the **AAMC Housestaff Survey**. Under this plan, an abbreviated questionnaire that collects information about stipends and funding is alternated with the full survey instrument. The 2001 data tables are based on the short format of the survey; the 2002 survey will use the full-length instrument. The two-year survey cycle was implemented to minimize constituents' data collection efforts, yet provide them with current information. This can be done because, with the exception of data on stipends, information collected in the **AAMC Housestaff Survey** remains relatively stable over successive years.

Data for the **2001 AAMC Housestaff Survey** were collected on the AAMC web site at www.aamc.org/hss beginning in July 2001. A memo announcing availability of the survey was mailed to the chief executive officer of all COTH-member hospitals and all members of the AAMC Group on Resident Affairs. Hospitals were instructed to complete the survey only if they cut the checks for trainee stipends. In cases where the medical school cuts the check, hospitals forwarded the memo to the medical school and the school completed the survey. In addition, a broadcast e-mail was sent to all individuals who completed the prior year **AAMC Housestaff Survey**. With the exception of the questions on housestaff funding, the instrument collected data for 2001-2002, the academic year that began July 1, 2001. The funding section in the **AAMC Housestaff Survey** is always based on data for the most recently completed fiscal year, which for the majority of institutions is the academic year ending June 30, 2001.

The data tables summarize the responses from 266 COTH-member hospitals. For 377 members of the Council of Teaching Hospitals and Health Systems at the time the survey was conducted, this represents an overall response rate of 71 percent. Thirty-four of the 266 respondents reported that they do not pay stipends directly; these hospitals are excluded from the data tables. In addition, 31 of the 125 medical schools completed the survey. Medical school data are reported separately in **Tables 5 – 12**. The 2001 tables display the majority of data in a cross-tabular format, which facilitates comparison of information across multiple peer groups.

The tables are organized into two sections. Section I contains stipend data, reported by region and ownership, for all respondents. Tables included in **Section I** present mean stipend data and values at the 25th, 50th and 75th percentiles. With the exception of **Table 2**, which presents data adjusted by the Consumer Price Index (CPI-U, for Urban Consumers), the stipend data are not adjusted for regional wage or cost-of-living differences. **Section II** contains data on graduate medical education expenditures and the sources of funding for housestaff stipends and benefits.

Questions regarding the data, as well as requests for special analyses, should be directed to Kevin Serrin, Manager of Health Systems Data Operations, at kgserrin@aamc.org or 202-828-0541.

SECTION I: HOUSESTAFF STIPENDS

HOUSESTAFF STIPENDS NATIONWIDE

Table 1 contains summary data on national housestaff stipends for each of eight post-MD years. The 2001-2002 mean first post-MD year stipend for all responding institutions is \$37,383. The mean in **Table 1** is an unweighted mean, with each institution, regardless of the size of its training program, having the same ‘weight.’ This approach was selected to prevent the larger institutions from skewing the mean, resulting in a mean that is quite close to the median value (the value at which one-half of the sample has higher values and one-half has lower values). Another approach, weighting stipends by the number of housestaff at each responding institution, is shown in **Table 4**. Comparing the data in **Tables 1** and **4** shows that weighting by the number of housestaff does not result in a significantly different mean stipend.

Table 1 also displays the percent and dollar changes in mean stipends from 2000-2001 to 2001-2002. The mean increase for first-year stipends between 2000-2001 and 2001-2002 was \$1,356, slightly more than the \$934 increase in the mean first-year stipend between 1999-2000 and 2000-2001. The percent increase over the first-year stipend for the 2001-2002 academic year is 4.3 percent.

Traditionally, the percent increase declines slightly for subsequent residency years. The lowest increases found in 2001 were increases of 3.3 and 3.1 percent for the 7th and 8th post-MD years, respectively. The 2nd and 4th year of training had the lowest stipend increases for any cohort in 2001-2002. The section on the dollar and percent increase in **Table 1** uses only institutions that responded to both the 2000 and 2001 **AAMC Housestaff Survey** (191 institutions at the first post-MD year, declining to 46 institutions at the eighth year).

The majority of institutions (93 percent) reported that they pay the same base stipends to housestaff across all specialties and only 6 percent reported that the stipend levels were estimated (not shown in tables).

NATIONWIDE STIPENDS, 1968-69 THROUGH 2001-2002

Table 2 shows mean first post-MD year stipends from 1968-69 to the current academic year, 2001-2002. Since a somewhat different group of institutions responds each year, this time series of stipends does not represent a true cohort analysis, and changes in stipends from year to year may reflect characteristics of responding institutions in addition to actual stipend changes. **Table 2** shows stipends, both actual and adjusted by the Consumer Price Index (CPI), for the period from 1968 to 2001. Stipend data in **Table 2** are shown both in actual dollars and adjusted to constant 1968 dollars.

Table 2 shows that between 2000-2001 and 2001-2002, the actual stipend increase for all respondents to the 2001 survey contrasted to all respondents in 2000 was 4.6 percent or \$1,655. The change in CPI-adjusted stipends was an increase of \$97 (from \$7,191 to \$7,288). It should be noted that stipend increases have not always increased to keep pace with increases in the CPI. In the early 1980s, CPI-adjusted first-year stipends dipped to

the stipend levels (in 1968 dollars) that housestaff had received in the 1969-70 academic year. The stipends subsequently remained relatively flat for several years and did not regain the 1979-80 level of \$7,129 until 1992-93. When compared with the \$6,200 stipends paid in 1968-69, the CPI-adjusted mean first-year stipend for 2001-2002 at \$7,288 represents a 17.5 percent real increase over the \$6,200 average stipend that residents were paid in 1968-69. Again, it should be noted that the changes in the stipend data shown in **Table 2** might be in part due to the fact that a slightly different cohort of institutions responds to the survey each year.

STIPENDS FOR COHORTS OF RESIDENTS 2000-2001 to 2001-2002

Table 3 shows the actual stipend increases experienced by cohorts of residents. The total increase for any resident cohort includes a step increase (the increase in payment received when entering the next post-MD level) and a base increase (the overall average increase associated with increases in the cost of living for every level). The mean increase from the first post-MD year in 2000-2001 to the second-year in 2001-2002 was \$2,985 or 8.9 percent.

STIPENDS BY REGION AND OWNERSHIP

Stipend data by region and ownership are displayed in **Tables 4** through **9**. The District of Columbia and the portion of the Washington, DC metropolitan area that is located in suburban Maryland and Virginia are included in the Northeastern Region. The five COTH ownership groups are: state; municipal (county, city, and district hospitals); church-owned; other not for profit; and Veterans Affairs. **Table 4** reports the total number of residents and the weighted mean stipend, by region (weighted by the number of housestaff). **Table 5** shows unweighted mean stipends, **Table 6** shows stipends at the 25th percentile; **Table 7** shows median (50th percentile) stipends; and **Table 8** shows stipends at the 75th percentile. **Table 9** reports the number of COTH hospitals in the representative categories responding to the stipend question. For **Tables 4** through **9**, regions are displayed across the top of the tables; data for all four regions are combined at the far right. Ownership groups are listed on the left side of the tables, with the data for all hospitals (all ownership categories) shown at the beginning of each table. The inclusion of aggregate data facilitates comparison of specific region and ownership groups to those for the other regions, other ownership groups and to the national mean. For example, a municipal hospital in the South can compare its stipends to those paid by municipal hospitals in the South, all municipals hospitals, or all hospitals in the Southern Region.

Whenever the number of respondents is less than five for any region/ownership category, data for the category are not presented. This practice for the **AAMC Housestaff Survey**, which predates the antitrust exemption guidelines for surveying of salary information in health care settings, promulgated by the U.S. Department of Justice and the Federal Trade Commission in 1994, complies with these guidelines.

DATA FOR VETERANS AFFAIRS COTH MEMBERS

The majority of Veterans Affairs COTH members are on full disbursement agreements with the non-federal teaching institutions that are their graduate medical education partners. In a full disbursement arrangement, the non-federal institution establishes the

stipends and benefits package offered to housestaff, and the VA hospital reimburses this non-federal partner at a level that reflects the resident complement rotating through the VA teaching institution. Thus, the stipend levels reported for VA COTH members reflect those of their non-federal partners. Due to the fact that many VA institutions partner with hospitals in the “state” category, their stipend levels for a given region and the nation as a whole are often comparable to those of the institutions in the state ownership category.

Table 1
Housestaff Stipends Nationwide
2001-2002
Dollar and Percent Changes from Prior Year

Year of Training	N	Mean	Percentiles		
			25th	50th	75th

Current Year Stipends					

1st Post-MD Year	246	\$37,383	\$35,728	\$36,975	\$38,781
2nd Post-MD Year	249	38,940	37,021	38,600	40,200
3rd Post-MD Year	249	40,667	38,388	40,200	41,963
4th Post-MD Year	244	42,319	39,874	41,793	44,075
5th Post-MD Year	233	44,142	41,157	43,199	46,238
6th Post-MD Year	201	45,680	42,780	44,800	47,740
7th Post-MD Year	157	47,001	44,004	46,200	49,647
8th Post-MD Year	71	49,170	46,077	48,292	52,048
Dollar Change from Last Year*					

1st Post-MD Year	191	\$1,356	\$726	\$1,093	\$1,553
2nd Post-MD Year	194	1,335	749	1,156	1,569
3rd Post-MD Year	195	1,445	750	1,185	1,589
4th Post-MD Year	191	1,301	750	1,230	1,706
5th Post-MD Year	180	1,439	674	1,257	1,735
6th Post-MD Year	152	1,581	877	1,327	1,924
7th Post-MD Year	111	1,480	1,000	1,395	1,920
8th Post-MD Year	46	1,451	1,000	1,423	1,850
Percent Change from Last Year*					

1st Post-MD Year	191	4.3	2.0	3.0	4.3
2nd Post-MD Year	194	4.1	2.0	3.0	4.2
3rd Post-MD Year	195	4.1	1.9	3.0	4.0
4th Post-MD Year	191	3.7	1.8	3.0	4.1
5th Post-MD Year	180	3.8	1.6	3.0	4.0
6th Post-MD Year	152	3.9	2.0	3.0	4.0
7th Post-MD Year	111	3.3	2.0	3.0	4.0
8th Post-MD Year	46	3.1	2.4	3.0	4.0

=====
 * Calculated for those respondents who reported in both years.

Table 2

**Mean First-Year Housestaff Stipends Nationwide
1968-1969 through 2001-2002
Actual and Inflation-Adjusted Figures***

Year	Actual Stipend	Change from Prior Years		CPI**	Inflation- Adjusted Stipend
		Percent	Dollar		
2001-2002	\$37,383	4.6	\$1655	178.0	\$7,288
2000-2001	35,728	2.1	743	172.4	7,191
1999-2000	34,985	2.6	881	166.2	7,304
1998-1999	34,104	2.1	717	163.0	7,260
1997-1998	33,387	1.8	598	160.3	7,227
1996-1997	32,789	3.6	1,139	156.7	7,261
1995-1996	31,650	2.9	897	152.5	7,202
1994-1995	30,753	3.8	1,121	148.0	7,210
1993-1994	29,632	3.5	1,014	144.4	7,121
1992-1993	28,618	5.2	1,407	140.2	7,083
1991-1992	27,211	5.2	1,353	136.0	6,943
1990-1991	25,858	4.9	1,209	129.9	6,907
1989-1990	24,649	3.9	920	124.1	6,892
1988-1989	23,729	4.5	1,013	118.0	6,978
1987-1988	22,716	3.3	722	113.5	6,945
1986-1987	21,994	2.5	538	109.5	6,970
1985-1986	21,456	3.1	642	107.6	6,919
1984-1985	20,814	4.5	895	103.7	6,965
1983-1984	19,919	5.1	958	99.5	6,947
1982-1983	18,961	7.5	1,320	97.0	6,783
1981-1982	17,641	9.0	1,453	90.6	6,757
1980-1981	16,188	9.0	1,335	82.7	6,792
1979-1980	14,853	6.4	888	72.3	7,129
1978-1979	13,965	5.9	779	65.2	7,432
1977-1978	13,186	4.4	558	60.7	7,538
1976-1977	12,628	8.1	943	56.8	7,715
1975-1976	11,685	9.3	993	53.6	7,565
1974-1975	10,692	5.7	578	49.0	7,572
1973-1974	10,114	4.3	416	44.2	7,940
1972-1973	9,698	5.4	500	41.7	8,070
1971-1972	9,198	13.3	1,083	40.6	7,861
1970-1971	8,115	10.8	790	38.8	7,257
1969-1970	7,325	18.1	1,125	36.6	6,945
1968-1969	6,200			34.7	6,200

=====

* Beginning in 2000, data are for forthcoming year

** Inflation-adjusted figures are derived using the Consumer Price Index for ALL Urban Consumers (CPI-U): All items (1982-84=100), June, Dept. of Labor, Bureau of Labor Statistics

Table 3

Changes in Nationwide Housestaff Stipends 2000-2001 to 2001-2002
 Received by Cohorts of Residents Advancing One Year

Year of Training	N	Mean	Percentiles		
			25th	50th	75th

Dollar Changes*					

1st to 2nd Post-MD	192	\$2,985	\$2,000	\$2,673	\$3,348
2nd to 3rd Post-MD	194	3,096	2,159	2,854	3,552
3rd to 4th Post-MD	191	3,112	2,164	2,822	3,617
4th to 5th Post-MD	182	3,329	2,184	2,790	3,669
5th to 6th Post-MD	155	2,941	2,000	2,794	3,750
6th to 7th Post-MD	119	3,090	2,277	2,910	3,677
7th to 8th Post-MD	56	3,386	2,031	2,970	3,596
Percent Change*					

1st to 2nd Post-MD	192	8.9	5.7	7.4	9.4
2nd to 3rd Post-MD	194	8.7	5.9	7.8	9.2
3rd to 4th Post-MD	191	8.4	5.5	7.0	9.2
4th to 5th Post-MD	182	8.5	5.5	6.8	9.2
5th to 6th Post-MD	155	7.4	4.8	6.6	8.9
6th to 7th Post-MD	119	7.1	5.1	6.5	8.3
7th to 8th Post-MD	56	7.5	4.7	6.0	8.0

=====
 * Calculated for those respondents who reported in both years.

Table 4

Weighted Mean Housestaff Stipends
By Region
2001-2002

Year of Training	Total Number of Residents	Weighted Mean

All Regions		
1st Post-MD Year	16442	\$37,217
2nd Post-MD Year	16097	38,739
3rd Post-MD Year	15640	40,420
4th Post-MD Year	10549	42,061
5th Post-MD Year	6290	43,826
6th Post-MD Year	3573	45,510
Northeast		
1st Post-MD Year	5843	\$39,196
2nd Post-MD Year	5528	40,923
3rd Post-MD Year	5097	43,099
4th Post-MD Year	3286	44,692
5th Post-MD Year	1993	46,600
6th Post-MD Year	1191	47,892
South		
1st Post-MD Year	4067	\$35,532
2nd Post-MD Year	4023	36,627
3rd Post-MD Year	3993	37,952
4th Post-MD Year	2650	39,245
5th Post-MD Year	1632	40,852
6th Post-MD Year	904	42,323
Midwest		
1st Post-MD Year	4215	\$37,122
2nd Post-MD Year	4032	38,434
3rd Post-MD Year	4086	39,805
4th Post-MD Year	2748	41,532
5th Post-MD Year	1670	42,925
6th Post-MD Year	861	44,527
West		
1st Post-MD Year	2215	\$35,819
2nd Post-MD Year	2421	38,262
3rd Post-MD Year	2383	40,331
4th Post-MD Year	1798	42,723
5th Post-MD Year	964	45,150
6th Post-MD Year	608	47,193
=====		

Table 5

**Mean Housestaff Stipends
By Region and Ownership
2001-2002**

-----Ownership-----	Region				
	Northeast	South	Midwest	West	All
All					
1st Post-MD Year	\$39,069	\$35,552	\$37,660	\$36,010	\$37,383
2nd Post-MD Year	40,949	36,665	38,692	38,597	38,940
3rd Post-MD Year	43,008	38,010	40,038	40,922	40,667
4th Post-MD Year	44,685	39,625	41,417	43,355	42,319
5th Post-MD Year	46,714	41,223	42,764	45,809	44,142
6th Post-MD Year	48,493	42,167	44,281	47,603	45,680
State Hospitals					
1st Post-MD Year	\$40,814	\$35,439	\$36,671	*	\$37,004
2nd Post-MD Year	43,239	36,570	38,203	*	38,583
3rd Post-MD Year	45,413	37,824	39,662	*	40,157
4th Post-MD Year	47,565	39,392	41,005	*	42,016
5th Post-MD Year	49,501	40,797	42,334	*	43,650
6th Post-MD Year	51,401	41,860	43,585	*	45,106
Municipal Hospitals					
1st Post-MD Year	*	\$35,807	*	\$35,947	\$36,541
2nd Post-MD Year	*	37,205	*	39,307	38,755
3rd Post-MD Year	*	38,777	*	42,148	40,996
4th Post-MD Year	*	40,313	*	44,818	43,078
5th Post-MD Year	*	42,108	*	47,461	45,145
6th Post-MD Year	*	43,628	*	49,610	46,932
Church Hospitals					
1st Post-MD Year	\$39,458	*	\$38,223	*	\$38,315
2nd Post-MD Year	42,133	*	39,569	*	40,063
3rd Post-MD Year	44,041	*	40,883	*	41,623
4th Post-MD Year	46,082	*	42,337	*	43,324
5th Post-MD Year	47,950	*	44,028	*	45,137
6th Post-MD Year	*	*	45,172	*	46,465
Other Non Profit Hospitals					
1st Post-MD Year	\$38,907	\$35,756	\$37,208	\$35,619	\$37,678
2nd Post-MD Year	40,583	36,800	38,127	38,315	39,110
3rd Post-MD Year	42,637	38,261	39,514	40,757	40,903
4th Post-MD Year	44,404	40,086	40,886	43,190	42,575
5th Post-MD Year	46,133	41,095	42,311	45,829	44,097
6th Post-MD Year	48,073	42,340	43,970	47,551	45,878
Veteran Affairs Hospitals					
1st Post-MD Year	*	\$35,668	\$42,832	*	\$38,548
2nd Post-MD Year	*	36,939	43,350	*	39,914
3rd Post-MD Year	*	38,203	44,376	*	41,422
4th Post-MD Year	*	39,694	45,409	*	43,044
5th Post-MD Year	*	41,037	46,550	*	44,691
6th Post-MD Year	*	42,176	47,719	*	46,092
Medical Schools					
1st Post-MD Year	*	\$35,237	*	*	\$35,099
2nd Post-MD Year	*	36,137	*	*	36,321
3rd Post-MD Year	*	37,223	*	*	37,674
4th Post-MD Year	*	38,546	*	*	39,203
5th Post-MD Year	*	39,728	*	*	41,180
6th Post-MD Year	*	40,884	*	*	42,539

=====
* Number of respondents too small to report data (fewer than five respondents)

Table 6

25th Percentile Housestaff Stipends
By Region and Ownership
2001-2002

-----Ownership-----	Region				
	Northeast	South	Midwest	West	All
All					
1st Post-MD Year	\$37,026	\$34,514	\$36,087	\$34,000	\$35,728
2nd Post-MD Year	38,620	35,500	37,682	36,780	37,021
3rd Post-MD Year	40,200	36,575	39,000	39,000	38,388
4th Post-MD Year	41,790	38,136	40,080	41,458	39,874
5th Post-MD Year	43,200	39,100	41,427	43,950	41,157
6th Post-MD Year	44,620	40,235	42,780	44,788	42,780
State Hospitals					
1st Post-MD Year	\$39,500	\$35,000	\$35,693	*	\$35,415
2nd Post-MD Year	40,200	35,579	37,021	*	36,674
3rd Post-MD Year	41,934	37,126	38,460	*	37,806
4th Post-MD Year	43,669	38,734	40,080	*	39,374
5th Post-MD Year	45,714	40,000	41,400	*	40,964
6th Post-MD Year	47,599	40,422	42,600	*	42,392
Municipal Hospitals					
1st Post-MD Year	*	\$33,500	*	\$35,103	\$35,206
2nd Post-MD Year	*	34,900	*	37,864	37,105
3rd Post-MD Year	*	36,300	*	40,020	39,073
4th Post-MD Year	*	37,700	*	42,130	40,370
5th Post-MD Year	*	38,800	*	44,722	42,277
6th Post-MD Year	*	39,900	*	45,800	44,265
Church Hospitals					
1st Post-MD Year	\$36,656	*	\$37,500	*	\$37,078
2nd Post-MD Year	40,200	*	38,850	*	38,520
3rd Post-MD Year	41,200	*	40,249	*	40,249
4th Post-MD Year	43,276	*	41,698	*	41,698
5th Post-MD Year	46,040	*	42,950	*	43,199
6th Post-MD Year	*	*	44,000	*	44,000
Other Non Profit Hospitals					
1st Post-MD Year	\$37,005	\$34,532	\$36,060	\$33,682	\$36,060
2nd Post-MD Year	38,000	35,807	37,682	36,600	37,300
3rd Post-MD Year	39,729	36,700	39,000	39,637	38,938
4th Post-MD Year	41,298	38,168	40,000	42,862	40,214
5th Post-MD Year	42,870	39,582	41,000	43,932	41,397
6th Post-MD Year	44,272	40,508	43,000	45,650	43,166
Veteran Affairs Hospitals					
1st Post-MD Year	*	\$34,583	\$39,000	*	\$35,413
2nd Post-MD Year	*	35,811	40,000	*	37,240
3rd Post-MD Year	*	36,968	40,500	*	38,852
4th Post-MD Year	*	38,430	41,000	*	40,200
5th Post-MD Year	*	39,770	42,000	*	41,400
6th Post-MD Year	*	40,764	43,000	*	42,600
Medical Schools					
1st Post-MD Year	*	\$34,000	*	*	\$34,350
2nd Post-MD Year	*	34,850	*	*	35,000
3rd Post-MD Year	*	35,850	*	*	36,277
4th Post-MD Year	*	36,850	*	*	37,716
5th Post-MD Year	*	37,850	*	*	38,760
6th Post-MD Year	*	38,850	*	*	39,773

=====
* Number of respondents too small to report data (fewer than five respondents)

Table 7

Median (50th Percentile) Housestaff Stipends
By Region and Ownership
2001-2002

	Region				
	Northeast	South	Midwest	West	All
-----Ownership-----					

All					
1st Post-MD Year	\$38,800	\$35,639	\$37,000	\$36,565	\$36,975
2nd Post-MD Year	40,200	36,889	38,413	38,750	38,600
3rd Post-MD Year	42,036	38,070	39,777	40,705	40,200
4th Post-MD Year	44,000	39,448	41,212	43,260	41,793
5th Post-MD Year	46,000	40,910	42,609	45,843	43,199
6th Post-MD Year	47,504	42,265	44,200	47,640	44,800
State Hospitals					
1st Post-MD Year	\$40,421	\$35,594	\$36,600	*	\$36,507
2nd Post-MD Year	43,160	36,729	37,800	*	37,705
3rd Post-MD Year	45,803	37,801	39,000	*	39,143
4th Post-MD Year	48,478	39,002	40,200	*	40,872
5th Post-MD Year	49,765	40,899	41,820	*	42,380
6th Post-MD Year	51,043	41,000	42,780	*	43,824
Municipal Hospitals					
1st Post-MD Year	*	\$36,095	*	\$36,019	\$36,565
2nd Post-MD Year	*	37,738	*	38,991	38,792
3rd Post-MD Year	*	39,554	*	41,913	40,724
4th Post-MD Year	*	40,969	*	45,007	42,561
5th Post-MD Year	*	42,781	*	47,950	44,120
6th Post-MD Year	*	44,533	*	50,154	45,733
Church Hospitals					
1st Post-MD Year	\$39,500	*	\$38,161	*	\$38,440
2nd Post-MD Year	42,073	*	39,629	*	40,120
3rd Post-MD Year	43,855	*	41,038	*	41,200
4th Post-MD Year	46,466	*	42,469	*	42,875
5th Post-MD Year	48,176	*	43,904	*	44,429
6th Post-MD Year	*	*	45,160	*	45,689
Other Non Profit Hospitals					
1st Post-MD Year	\$38,756	\$35,756	\$37,000	\$36,238	\$37,026
2nd Post-MD Year	40,000	36,917	38,234	38,700	38,561
3rd Post-MD Year	42,000	38,190	39,665	40,700	40,194
4th Post-MD Year	44,000	39,448	41,150	43,103	41,793
5th Post-MD Year	45,956	40,865	42,561	46,250	43,068
6th Post-MD Year	47,376	42,338	44,232	48,100	45,000
Veteran Affairs Hospitals					
1st Post-MD Year	*	\$35,620	\$44,299	*	\$36,937
2nd Post-MD Year	*	37,220	44,837	*	39,115
3rd Post-MD Year	*	38,469	45,375	*	40,454
4th Post-MD Year	*	40,143	45,914	*	41,806
5th Post-MD Year	*	41,483	46,452	*	42,962
6th Post-MD Year	*	42,191	46,990	*	44,330
Medical Schools					
1st Post-MD Year	*	\$34,532	*	*	\$36,200
2nd Post-MD Year	*	35,203	*	*	37,200
3rd Post-MD Year	*	36,554	*	*	38,085
4th Post-MD Year	*	38,121	*	*	39,863
5th Post-MD Year	*	38,981	*	*	41,576
6th Post-MD Year	*	40,508	*	*	42,596

=====
* Number of respondents too small to report data (fewer than five respondents)

Table 8

**75th Percentile Housestaff Stipends
By Region and Ownership
2001-2002**

-----Ownership-----	Region				
	Northeast	South	Midwest	West	All
All					
1st Post-MD Year	\$40,421	\$36,457	\$38,437	\$37,100	\$38,781
2nd Post-MD Year	42,863	37,500	39,747	39,786	40,200
3rd Post-MD Year	45,300	39,180	40,976	43,265	41,963
4th Post-MD Year	47,500	40,861	42,318	45,007	44,075
5th Post-MD Year	49,378	42,598	43,832	47,970	46,238
6th Post-MD Year	51,707	44,119	45,599	49,351	47,740
State Hospitals					
1st Post-MD Year	\$43,464	\$36,088	\$36,804	*	\$37,430
2nd Post-MD Year	46,391	37,484	38,340	*	39,551
3rd Post-MD Year	49,064	38,852	39,708	*	41,124
4th Post-MD Year	51,740	40,422	41,640	*	43,341
5th Post-MD Year	54,412	41,815	42,612	*	45,444
6th Post-MD Year	57,082	43,643	43,824	*	47,599
Municipal Hospitals					
1st Post-MD Year	*	\$38,070	*	\$36,728	\$38,083
2nd Post-MD Year	*	39,040	*	40,454	39,918
3rd Post-MD Year	*	40,407	*	44,024	42,641
4th Post-MD Year	*	41,862	*	47,166	45,622
5th Post-MD Year	*	44,120	*	49,904	48,388
6th Post-MD Year	*	45,584	*	53,182	50,500
Church Hospitals					
1st Post-MD Year	\$42,067	*	\$38,633	*	\$39,500
2nd Post-MD Year	43,787	*	40,218	*	41,401
3rd Post-MD Year	46,155	*	41,663	*	42,551
4th Post-MD Year	47,564	*	42,920	*	44,851
5th Post-MD Year	49,097	*	45,010	*	46,040
6th Post-MD Year	*	*	46,218	*	47,493
Other Non Profit Hospitals					
1st Post-MD Year	\$40,389	\$36,700	\$37,500	\$37,100	\$39,000
2nd Post-MD Year	42,300	37,500	39,000	40,338	40,515
3rd Post-MD Year	45,082	39,500	40,500	43,265	42,099
4th Post-MD Year	47,030	40,900	41,800	44,545	44,545
5th Post-MD Year	49,378	42,598	43,500	48,169	46,238
6th Post-MD Year	51,707	44,221	45,300	49,831	48,100
Veteran Affairs Hospitals					
1st Post-MD Year	*	\$36,413	\$44,913	*	\$41,923
2nd Post-MD Year	*	37,742	46,148	*	42,406
3rd Post-MD Year	*	39,225	47,420	*	43,319
4th Post-MD Year	*	40,875	48,730	*	45,914
5th Post-MD Year	*	42,487	50,079	*	46,700
6th Post-MD Year	*	44,119	51,469	*	48,200
Medical Schools					
1st Post-MD Year	*	\$36,930	*	*	\$37,010
2nd Post-MD Year	*	37,733	*	*	38,790
3rd Post-MD Year	*	38,758	*	*	40,454
4th Post-MD Year	*	40,323	*	*	41,916
5th Post-MD Year	*	42,290	*	*	43,950
6th Post-MD Year	*	43,661	*	*	45,668

=====
* Number of respondents too small to report data (fewer than five respondents)

Table 9
 Number of Respondents to Stipend Question
 By Region and Ownership
 2001-2002

-----Ownership-----	Region				
	Northeast	South	Midwest	West	All
All					
1st Post-MD Year	89	56	68	31	246
2nd Post-MD Year	91	57	68	31	249
3rd Post-MD Year	91	57	68	31	249
4th Post-MD Year	87	56	67	32	244
5th Post-MD Year	83	55	64	30	233
6th Post-MD Year	71	46	55	28	201
State Hospitals					
1st Post-MD Year	5	10	5	4	24
2nd Post-MD Year	5	10	5	4	24
3rd Post-MD Year	5	10	5	4	24
4th Post-MD Year	5	9	5	4	23
5th Post-MD Year	5	9	5	4	23
6th Post-MD Year	5	9	5	4	23
Municipal Hospitals					
1st Post-MD Year	2	6	3	8	19
2nd Post-MD Year	3	6	3	8	20
3rd Post-MD Year	3	6	3	8	20
4th Post-MD Year	3	6	3	8	20
5th Post-MD Year	3	6	2	8	19
6th Post-MD Year	3	6	2	7	18
Church Hospitals					
1st Post-MD Year	7	1	10	2	20
2nd Post-MD Year	6	1	10	2	19
3rd Post-MD Year	6	1	10	2	19
4th Post-MD Year	6	1	10	2	19
5th Post-MD Year	6	1	8	2	17
6th Post-MD Year	3	0	5	2	10
Other Non Profit Hospitals					
1st Post-MD Year	66	23	39	9	137
2nd Post-MD Year	67	23	39	9	138
3rd Post-MD Year	67	23	39	9	138
4th Post-MD Year	63	23	38	10	134
5th Post-MD Year	59	22	38	8	127
6th Post-MD Year	50	17	33	8	108
Veteran Affairs Hospitals					
1st Post-MD Year	4	7	5	4	20
2nd Post-MD Year	4	8	5	4	21
3rd Post-MD Year	4	8	5	4	21
4th Post-MD Year	4	8	5	4	21
5th Post-MD Year	4	8	5	4	21
6th Post-MD Year	4	7	5	3	19
Medical Schools					
1st Post-MD Year	4	7	4	4	21
2nd Post-MD Year	4	7	4	4	21
3rd Post-MD Year	4	7	4	4	21
4th Post-MD Year	4	7	4	4	21
5th Post-MD Year	4	7	4	4	20
6th Post-MD Year	4	7	4	4	20

=====

SECTION II: HOUSESTAFF BENEFITS AND FUNDING

Tables 10 through 12 are designed to provide insight into the financing of stipends and benefits for residents and clinical fellows. Included is the percentage of institutions' operating expenditures devoted to housestaff stipends and benefits; the ratio of benefits to stipends; the sources of funding for residents and clinical fellows; and the mean and median budgets for housestaff stipends and benefits, disaggregated by region and ownership.

Whereas the information in **Section I** reflects data for the current academic year (2001-2002), the data in **Section II** represent fiscal information for 2000-2001, the most recent year for which financial data are available at most AAMC member institutions. For many institutions, this was for the period from July 1, 2000 to June 30, 2001.

STIPENDS AND BENEFITS AS A PERCENTAGE OF OPERATING BUDGETS

Table 10 shows the percentage of institutions' operating budgets allocated to housestaff stipends and benefits. For all institutions, stipends and benefits comprised on average 6.0 percent of respondents' 2000-2001 operating budgets. The percentage of the operating budget devoted to housestaff stipends and benefits was higher in the Northeast and South regions, and lower in the West and Midwest. As noted earlier, changes in the mean values in this and other tables might be due to the fact that a slightly different set of institutions responds to the survey each year. The data tend to reflect characteristics of the respondents as well as overall trends for COTH members. In addition, because the **AAMC Housestaff Survey** does not collect information on fluctuations in institutions' total operating budgets, it is not possible to analyze whether the differences are caused by changes in housestaff stipend and benefits expenditures or changes in the organizations' overall operating budgets.

Analysis of the mean percentage of operating budgets devoted to housestaff stipends and benefits by institutional ownership in **Table 10** shows that state and municipal hospitals spend a slightly larger percentage of their total budgets on housestaff stipends and benefits than church-owned, other not-for-profit and Veterans Affairs hospitals.

RATIO OF BENEFITS TO STIPENDS

Table 11 shows the ratio of benefit expenditures to stipends expenditures. It should be noted that this is not the ratio of benefits to total (benefit plus stipend) expenditures. For example, for this table, \$2,000,000 in benefit expenditures and \$8,000,000 in stipend expenditures corresponds to a ratio of .25 (and not .20).

For all responding institutions, the ratio of benefits to stipends was .23, largely comparable to previous findings in the **AAMC Housestaff Survey**. On average, spending on housestaff benefits as a ratio of spending on stipends was quite comparable across the region and ownership groups.

FUNDING SOURCES FOR HOUSESTAFF STIPENDS AND BENEFITS

Table 12 reports the distribution of funding sources for 2000-2001 housestaff stipend and benefits expenditures for residents and clinical fellows combined. Patient revenue and general operating appropriations continue to be the primary funding source for stipends and benefits, contributing 86 percent of the total funding in 2000-2001.

Among ownership groups, private hospitals (church-owned and other not-for-profit) continue to rely more heavily on patient revenues to fund housestaff expenditures than do public hospitals. In contrast, medical schools and state and municipal hospitals appear to depend more heavily on state or local government appropriation earmarked for housestaff expenses.

Table 12 excludes data from Veterans Affairs hospitals, which are almost uniformly supported through federal VA appropriations.

Table 10

Stipends and Benefits as a Percentage of Total Operating Budget
By Region and Ownership
2000-2001 **

Ownership	Region				
	Northeast	South	Midwest	West	All

Mean Values					

All	6.4	8.0	4.3	4.6	6.0
State Hospitals	*	4.7	*	*	4.6
Municipal Hospitals	*	3.8	*	*	8.2
Church Hospitals	2.5	*	1.7	*	3.6
Other Non Profit Hospitals	5.6	9.8	4.2	3.0	5.8
Veteran Affairs Hospitals	*	2.5	*	*	2.7
Medical Schools	*	*	*	*	2.9
Median Values					

All	3.1	3.1	2.5	3.0	3.0
State Hospitals	*	4.3	*	*	4.0
Municipal Hospitals	*	3.7	*	*	4.0
Church Hospitals	2.0	*	1.9	*	2.0
Other Non Profit Hospitals	3.1	3.0	2.7	2.8	3.0
Veteran Affairs Hospitals	*	2.5	*	*	2.5
Medical Schools	*	*	*	*	2.9

=====
** Data are reported for the most recently completed fiscal year

* Number of respondents too small to report data (fewer than five respondents)

Table 11

Ratio of Benefits to Stipends
By Region and Ownership
2000-2001 **

Ownership	Region				
	Northeast	South	Midwest	West	All

Mean Values					

All	0.25	0.22	0.24	0.23	0.25
State Hospitals	0.27	0.21	*	*	0.22
Municipal Hospitals	*	0.25	*	0.20	0.23
Church Hospitals	0.25	*	0.32	*	0.29
Other Non Profit Hospitals	0.26	0.23	0.23	0.25	0.25
Veteran Affairs Hospitals	*	0.19	*	*	0.19
Medical Schools	*	0.19	*	*	0.30
Median Values					

All	0.25	0.22	0.25	0.23	0.23
State Hospitals	0.23	0.18	*	*	0.22
Municipal Hospitals	*	0.27	*	0.22	0.23
Church Hospitals	0.23	*	0.27	*	0.25
Other Non Profit Hospitals	0.25	0.22	0.25	0.25	0.25
Veteran Affairs Hospitals	*	0.18	*	*	0.19
Medical Schools	*	0.18	*	*	0.23

=====
** Data are reported for the most recently completed fiscal year
* Number of respondents too small to report data (fewer than five respondents)

Table 12

**Funding Sources for Stipends and Benefits, by Ownership
Sources for Residents and Fellows Combined
2000-2001 ****

Funding Source	Ownership					
	All	State Hosp	Municipal Hosp	Church Hosp	Other Profit Hosp	Non Medical Schools
Patient Revenues/General Operating Funds	86.0	88.9	78.1	97.1	90.5	29.6
State and Municipal Appropriations	2.1	4.0	1.8	0.3	1.1	16.1
Veterans Affairs Appropriations	1.5	2.8	1.5	0.0	0.8	11.2
Physician Fee Revenue	3.0	0.9	2.0	0.1	4.1	0.8
Medical School-University Funds	1.3	2.0	0.4	0.0	0.4	20.0
National Institutes of Health	0.1	0.2	0.0	0.0	0.1	0.3
Other Federal Agencies	1.0	0.2	0.8	0.5	1.3	0.1
Endowment Income	0.1	0.0	0.0	0.0	0.1	0.1
Foundation Grants, Voluntary Agencies	1.1	0.1	5.6	0.0	0.2	0.5
Other	3.9	1.0	9.9	2.1	1.5	21.3
Total	100.0	100.0	100.0	100.0	100.0	100.0
Number of Respondents	180	21	17	16	107	16

=====
 ** Data are reported for the most recently completed fiscal year
 Excludes Veterans Affairs and For-Profit Hospitals