

AAMC Survey of Housestaff Stipends, Benefits & Funding

Division of Health Care Affairs

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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 2005 data tables are based on the short format of the survey; the 2006 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 2005 *AAMC Housestaff Survey* were collected on the AAMC web site at www.aamc.org/hss beginning in July 2005. 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 2005-2006, the academic year that began July 1, 2005. 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, 2005.

The data tables summarize the responses from 185 COTH-member hospitals that pay for housestaff stipends directly. For 385 members of the Council of Teaching Hospitals and Health Systems at the time the survey was conducted, this represents an overall response rate of 48 percent. In addition, 42 of the 125 medical schools that pay for Housestaff stipends completed the survey. Medical school data are reported separately in Tables 5 – 12. The 2005 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 1 contains stipend data, reported by region and ownership, for all respondents. Tables included in Section 1 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 2 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 Eustace Koon, Senior Research Associate, at ekoon@aamc.org (202-828-0513), or LaTonya Ford, Research Assistant, at lford@aamc.org (202-862-6192).

HOUSESTAFF STIPENDS

Table 1 contains summary data on national housestaff stipends for each of eight post-MD years. The 2005-2006 mean first post-MD year stipend for all responding institutions is \$42,070. 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 2004-2005 to 2005-2006. The mean increase for first-year stipends between 2004-2005 and 2005-2006 was \$1,311. The percent increase over the first-year stipend for the 2005-2006 academic year is 3.2 percent.

Traditionally, the percent increase has been declining through the first six subsequent residency years. The lowest increases found in 2005 were increases of 2.7 percent for the 6th post-MD year. The section on the dollar and percent increase in **Table 1** uses only institutions that responded to both the 2004 and 2005 *AAMC Housestaff Survey* (169 institutions at the first post-MD year, declining to 45 institutions at the eighth year).

The majority of institutions (92 percent) reported that they pay the same base stipends to housestaff across all specialties and only 8 percent reported that the stipend levels were estimated (not shown in tables).

NATIONWIDE STIPENDS: 1968-69 to 2005-2006

Table 2 shows mean first post-MD year stipends from 1968-69 to the current academic year, 2005-2006. 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 2005. Stipend data in **Table 2** are shown both in actual dollars and adjusted to constant 1968 dollars.

Table 2 shows that between 2004-2005 and 2005-2006, the actual stipend increase for all respondents to the 2005

survey contrasted to all respondents in 2004 was 3.1 percent or \$1,282. The change in CPI-adjusted stipends was an increase of only \$7 (from \$7,569 to \$7,576). 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 1993-94. When compared with the \$6,200 stipends paid in 1968-69, the CPI-adjusted mean first-year stipend for 2005-2006 at \$7,576 represents a 22 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 2004-2005 TO 2005-2006

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 2004-2005 to the second-year in 2005-2006 was \$1,744 or 4.1 percent.

STIPENDS BY REGION AND OWNERSHIP

Stipend data by region and ownership are displayed in **Tables 4** through **9**. 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 5** 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, first 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.

TABLE HOUSESTAFF STIPENDS NATIONWIDE**1***Dollar and Percent Changes from Prior Year
Academic Year 2005-2006*

Current Year Stipends	N	Mean	Percentiles		
			25th	50th	75th
1st Post-MD Year	222	\$42,070	\$40,212	\$41,900	\$43,680
2nd Post-MD Year	225	\$43,782	\$41,633	\$43,300	\$45,753
3rd Post-MD Year	225	\$45,727	\$43,215	\$45,000	\$47,946
4th Post-MD Year	221	\$47,719	\$44,760	\$46,700	\$50,629
5th Post-MD Year	207	\$49,543	\$46,000	\$48,360	\$52,780
6th Post-MD Year	187	\$51,284	\$47,760	\$49,916	\$54,621
7th Post-MD Year	152	\$53,436	\$49,569	\$51,694	\$57,431
8th Post-MD Year	70	\$55,586	\$51,608	\$53,765	\$59,764

Dollar Change From Previous Year¹	N	Mean	Percentiles		
			25th	50th	75th
1st Post-MD Year	169	\$1,311	\$1,000	\$1,239	\$1,611
2nd Post-MD Year	169	\$1,323	\$1,000	\$1,280	\$1,611
3rd Post-MD Year	169	\$1,324	\$1,000	\$1,329	\$1,680
4th Post-MD Year	165	\$1,311	\$814	\$1,347	\$1,686
5th Post-MD Year	157	\$1,330	\$734	\$1,366	\$1,766
6th Post-MD Year	136	\$1,292	\$700	\$1,441	\$1,800
7th Post-MD Year	103	\$1,424	\$894	\$1,484	\$1,800
8th Post-MD Year	45	\$1,486	\$408	\$1,503	\$2,056

Percent Change From Previous Year¹	N	Mean	Percentiles		
			25th	50th	75th
1st Post-MD Year	169	3.2%	2.5%	3.0%	4.0%
2nd Post-MD Year	169	3.1%	2.4%	3.0%	3.8%
3rd Post-MD Year	169	3.0%	2.4%	3.0%	3.8%
4th Post-MD Year	165	2.9%	1.8%	3.0%	3.6%
5th Post-MD Year	157	2.8%	1.5%	2.8%	3.5%
6th Post-MD Year	136	2.7%	1.5%	2.9%	3.8%
7th Post-MD Year	103	2.8%	2.0%	2.9%	3.6%
8th Post-MD Year	45	2.8%	0.8%	2.8%	3.7%

¹Calculated for respondents reporting in both years.

TABLE 2 MEAN FIRST-YEAR HOUSESTAFF STIPENDS NATIONWIDE*Actual and Inflation-Adjusted Figures
1968-1969 through 2005-2006¹*

Survey Year	Actual Stipend	Change from Prior Year			Inflation Adjusted Stipend
		Percent	Dollar	CPI-U ²	
2005-2006	\$42,070	3.14%	\$1,282	192.7	\$7,576
2004-2005	\$40,788	2.46%	\$979	187.0	\$7,569
2003-2004	\$39,809	4.10%	\$1,562	184.6	\$7,483
2002-2003	\$38,238	2.30%	\$855	178.0	\$7,454
2001-2002	\$37,383	4.60%	\$1,655	178.0	\$7,288
2000-2001	\$35,728	2.10%	\$743	172.4	\$7,191
1999-2000	\$34,985	2.60%	\$881	166.2	\$7,304
1998-1999	\$34,104	2.10%	\$717	163.0	\$7,260
1997-1998	\$33,387	1.80%	\$598	160.3	\$7,227
1996-1997	\$32,789	3.60%	\$1,139	156.7	\$7,261
1995-1996	\$31,650	2.90%	\$897	152.5	\$7,202
1994-1995	\$30,753	3.80%	\$1,121	148.0	\$7,210
1993-1994	\$29,632	3.50%	\$1,014	144.4	\$7,121
1992-1993	\$28,618	5.20%	\$1,407	140.2	\$7,083
1991-1992	\$27,211	5.20%	\$1,353	136.0	\$6,943
1990-1991	\$25,858	4.90%	\$1,209	129.9	\$6,907
1989-1990	\$24,649	3.90%	\$920	124.1	\$6,892
1988-1989	\$23,729	4.50%	\$1,013	118.0	\$6,978
1987-1988	\$22,716	3.30%	\$722	113.5	\$6,945
1986-1987	\$21,994	2.50%	\$538	109.5	\$6,970
1985-1986	\$21,456	3.10%	\$642	107.6	\$6,919
1984-1985	\$20,814	4.50%	\$895	103.7	\$6,965
1983-1984	\$19,919	5.10%	\$958	99.5	\$6,947
1982-1983*	\$18,961	7.50%	\$1,320	97.0	\$6,783
1981-1982	\$17,641	9.00%	\$1,453	90.6	\$6,757
1980-1981	\$16,188	9.00%	\$1,335	82.7	\$6,792
1979-1980	\$14,853	6.40%	\$888	72.3	\$7,129
1978-1979	\$13,965	5.90%	\$779	65.2	\$7,432
1977-1978	\$13,186	4.40%	\$558	60.7	\$7,538
1976-1977	\$12,628	8.10%	\$943	56.8	\$7,715
1975-1976	\$11,685	9.30%	\$993	53.6	\$7,565
1974-1975	\$10,692	5.70%	\$578	49.0	\$7,572
1973-1974	\$10,114	4.30%	\$416	44.2	\$7,940
1972-1973	\$9,698	5.40%	\$500	41.7	\$8,070
1971-1972	\$9,198	13.30%	\$1,083	40.6	\$7,861
1970-1971	\$8,115	10.80%	\$790	38.8	\$7,258
1969-1970	\$7,325	18.10%	\$1,125	36.6	\$6,945
1968-1969	\$6,200	-	-	34.7	\$6,200

¹Beginning in 2000, data are for the current academic year.²Inflation-adjusted figures are derived using the Consumer Price Index for All Urban Consumers (CPIU): All Items* (Academic year 1982-83 =100); Source: Department of Labor and Statistics (June release all years)

Note: A dash (“-”) indicates unavailability of data

TABLE 3 CHANGES IN NATIONWIDE HOUSESTAFF STIPENDS*Received by Cohorts of Residents Advancing One Year
2004-2005 to 2005-2006*

Dollar Change ¹	N	Mean	Percentiles		
			25 th	50 th	75 th
1st to 2nd Post-MD Year	222	\$1,744	\$1,186	\$1,609	\$2,177
2nd to 3rd Post-MD Year	225	\$1,945	\$1,435	\$1,796	\$2,371
3rd to 4th Post-MD Year	221	\$1,887	\$1,459	\$1,825	\$2,222
4th to 5th Post-MD Year	207	\$1,893	\$1,400	\$1,750	\$2,229
5th to 6th Post-MD Year	183	\$1,876	\$1,421	\$1,694	\$2,131
6th to 7th Post-MD Year	152	\$1,992	\$1,257	\$1,707	\$2,222
7th to 8th Post-MD Year	70	\$1,785	\$1,269	\$1,594	\$2,132

Percent Change ¹	N	Mean	Percentiles		
			25 th	50 th	75 th
1st to 2nd Post-MD Year	222	4.1%	2.8%	4.0%	5.0%
2nd to 3rd Post-MD Year	225	4.4%	3.4%	4.2%	5.3%
3rd to 4th Post-MD Year	221	4.1%	3.2%	4.0%	4.6%
4th to 5th Post-MD Year	207	3.9%	2.9%	3.8%	4.6%
5th to 6th Post-MD Year	183	3.8%	2.7%	3.5%	4.4%
6th to 7th Post-MD Year	152	3.8%	2.4%	3.4%	4.4%
7th to 8th Post-MD Year	70	3.3%	2.3%	3.1%	4.0%

¹Calculated for respondents reporting in both years.

TABLE WEIGHTED MEAN HOUSESTAFF STIPENDS**4***By Region
Academic Year 2005-2006*

All Regions*	Aggregate Residents	Weighted Mean Stipend
1st Post-MD Year	16,079	\$41,883
2nd Post-MD Year	16,002	\$43,570
3rd Post-MD Year	15,338	\$45,530
4th Post-MD Year	11,360	\$47,271
5th Post-MD Year	6,900	\$49,124
6th Post-MD Year	3,846	\$51,192
7th Post-MD Year	1,208	\$53,301
8th Post-MD Year	218	\$54,548
Northeast		
1st Post-MD Year	5,813	\$44,330
2nd Post-MD Year	5,719	\$46,265
3rd Post-MD Year	5,479	\$48,607
4th Post-MD Year	3,981	\$50,402
5th Post-MD Year	2,422	\$52,094
6th Post-MD Year	1,365	\$54,011
7th Post-MD Year	409	\$56,575
8th Post-MD Year	62	\$61,825
South		
1st Post-MD Year	3,997	\$39,707
2nd Post-MD Year	4,030	\$40,945
3rd Post-MD Year	3,843	\$42,522
4th Post-MD Year	2,914	\$43,857
5th Post-MD Year	1,750	\$45,382
6th Post-MD Year	943	\$47,223
7th Post-MD Year	307	\$49,011
8th Post-MD Year	76	\$52,242
Midwest		
1st Post-MD Year	4,324	\$41,316
2nd Post-MD Year	4,134	\$42,810
3rd Post-MD Year	4,024	\$44,397
4th Post-MD Year	2,981	\$46,163
5th Post-MD Year	1,788	\$48,113
6th Post-MD Year	979	\$50,086
7th Post-MD Year	357	\$52,174
8th Post-MD Year	55	\$53,928
West		
1st Post-MD Year	1,909	\$40,473
2nd Post-MD Year	2,085	\$42,934
3rd Post-MD Year	1,960	\$45,322
4th Post-MD Year	1,460	\$47,965
5th Post-MD Year	922	\$50,567
6th Post-MD Year	554	\$53,045
7th Post-MD Year	135	\$56,116
8th Post-MD Year	25	\$44,879

Note: An asterisk ("**") indicates the inclusion of two Puerto Rican hospitals.

TABLE 5 MEAN HOUSESTAFF STIPENDS*By Region and Ownership
Academic Year 2005-2006*

All Respondents*	Northeast	South	Midwest	West	All Regions**
1st Post-MD Year	\$44,209	\$40,190	\$41,566	\$40,701	\$42,070
2nd Post-MD Year	\$46,176	\$41,533	\$42,968	\$43,057	\$43,782
3rd Post-MD Year	\$48,505	\$43,092	\$44,512	\$45,587	\$45,727
4th Post-MD Year	\$50,514	\$44,754	\$46,214	\$48,112	\$47,719
5th Post-MD Year	\$52,476	\$46,363	\$47,668	\$50,906	\$49,543
6th Post-MD Year	\$54,394	\$47,910	\$49,159	\$52,786	\$51,284
State Hospitals					
1st Post-MD Year	-	\$37,942	-	-	\$40,591
2nd Post-MD Year	-	\$39,650	-	-	\$42,126
3rd Post-MD Year	-	\$41,140	-	-	\$43,782
4th Post-MD Year	-	\$42,632	-	-	\$45,649
5th Post-MD Year	-	\$44,123	-	-	\$47,476
6th Post-MD Year	-	\$45,811	-	-	\$49,345
Municipal Hospitals					
1st Post-MD Year	\$45,202	-	-	\$39,553	\$41,554
2nd Post-MD Year	\$46,070	-	-	\$42,627	\$43,372
3rd Post-MD Year	\$49,101	-	-	\$45,460	\$45,829
4th Post-MD Year	\$50,798	-	-	\$48,279	\$47,825
5th Post-MD Year	\$52,371	-	-	\$51,252	\$49,802
6th Post-MD Year	\$54,467	-	-	\$54,830	\$51,837
Church Hospitals					
1st Post-MD Year	\$44,614	-	\$42,385	-	\$41,983
2nd Post-MD Year	\$46,741	-	\$43,809	-	\$43,734
3rd Post-MD Year	\$49,372	-	\$45,509	-	\$45,710
4th Post-MD Year	\$51,091	-	\$47,095	-	\$48,716
5th Post-MD Year	\$54,734	-	\$48,727	-	\$51,112
6th Post-MD Year	\$54,901	-	\$50,399	-	\$51,965
Other Non-Profit Hospitals					
1st Post-MD Year	\$44,232	\$41,315	\$41,558	-	\$42,849
2nd Post-MD Year	\$46,238	\$42,794	\$43,014	-	\$44,641
3rd Post-MD Year	\$48,497	\$44,393	\$44,519	-	\$46,616
4th Post-MD Year	\$50,394	\$46,322	\$46,289	-	\$48,563
5th Post-MD Year	\$52,283	\$48,023	\$47,714	-	\$50,349
6th Post-MD Year	\$54,246	\$49,774	\$49,534	-	\$52,236
Veterans Affairs Hospitals					
1st Post-MD Year	\$44,907	-	-	-	\$42,153
2nd Post-MD Year	\$47,451	-	-	-	\$44,320
3rd Post-MD Year	\$50,040	-	-	-	\$46,678
4th Post-MD Year	\$52,915	-	-	-	\$49,252
5th Post-MD Year	-	-	-	-	\$51,147
6th Post-MD Year	-	-	-	-	\$53,919
Medical Schools					
1st Post-MD Year	\$42,255	\$39,263	\$41,442	\$40,236	\$40,727
2nd Post-MD Year	\$44,215	\$40,439	\$42,763	\$42,278	\$42,207
3rd Post-MD Year	\$46,259	\$42,000	\$44,252	\$44,291	\$43,889
4th Post-MD Year	\$48,348	\$43,562	\$45,858	\$46,500	\$45,643
5th Post-MD Year	\$50,076	\$45,228	\$47,339	\$49,198	\$47,433
6th Post-MD Year	\$51,669	\$46,949	\$48,580	\$51,313	\$49,020

Note: A dash (“-”) indicates that the number of respondents in that group was too small to report (fewer than five).

An asterisk (“**”) indicates the inclusion of three for-profit hospitals.

A double asterisk (“**”) indicates the inclusion of two Puerto Rican hospitals.

TABLE 25TH PERCENTILE HOUSESTAFF STIPENDS NATIONWIDE**6***By Region and Ownership
Academic Year 2005-2006*

All Respondents*	Northeast	South	Midwest	West	All Regions**
1st Post-MD Year	\$42,017	\$39,000	\$40,586	\$39,215	\$40,212
2nd Post-MD Year	\$43,300	\$40,051	\$42,000	\$41,187	\$41,633
3rd Post-MD Year	\$45,035	\$41,288	\$43,345	\$44,091	\$43,215
4th Post-MD Year	\$46,700	\$42,847	\$44,548	\$46,025	\$44,760
5th Post-MD Year	\$48,235	\$44,324	\$45,818	\$48,500	\$46,000
6th Post-MD Year	\$49,385	\$46,262	\$47,278	\$50,100	\$47,760
State Hospitals					
1st Post-MD Year	-	\$37,282	-	-	\$37,953
2nd Post-MD Year	-	\$38,528	-	-	\$39,047
3rd Post-MD Year	-	\$39,655	-	-	\$40,333
4th Post-MD Year	-	\$40,685	-	-	\$41,844
5th Post-MD Year	-	\$42,359	-	-	\$43,592
6th Post-MD Year	-	\$44,242	-	-	\$45,868
Municipal Hospitals					
1st Post-MD Year	\$44,124	-	-	\$36,815	\$38,401
2nd Post-MD Year	\$46,292	-	-	\$41,187	\$41,100
3rd Post-MD Year	\$49,015	-	-	\$44,627	\$43,081
4th Post-MD Year	\$50,971	-	-	\$47,041	\$44,801
5th Post-MD Year	\$52,928	-	-	\$50,483	\$46,061
6th Post-MD Year	\$54,123	-	-	\$54,948	\$47,303
Church Hospitals					
1st Post-MD Year	\$42,300	-	\$41,891	-	\$41,878
2nd Post-MD Year	\$44,096	-	\$43,248	-	\$43,300
3rd Post-MD Year	\$46,218	-	\$44,327	-	\$44,477
4th Post-MD Year	\$48,256	-	\$45,950	-	\$46,400
5th Post-MD Year	\$51,107	-	\$47,200	-	\$47,939
6th Post-MD Year	\$52,686	-	\$48,000	-	\$48,700
Other Non-Profit Hospitals					
1st Post-MD Year	\$42,000	\$40,212	\$40,586	-	\$40,849
2nd Post-MD Year	\$43,000	\$41,600	\$42,000	-	\$42,250
3rd Post-MD Year	\$44,500	\$42,875	\$43,345	-	\$43,828
4th Post-MD Year	\$46,221	\$44,513	\$44,500	-	\$45,500
5th Post-MD Year	\$47,720	\$46,116	\$45,838	-	\$46,880
6th Post-MD Year	\$49,000	\$48,208	\$47,704	-	\$48,600
Veterans Affairs Hospitals					
1st Post-MD Year	\$42,427	-	-	-	\$37,283
2nd Post-MD Year	\$44,726	-	-	-	\$38,890
3rd Post-MD Year	\$47,130	-	-	-	\$40,581
4th Post-MD Year	\$51,511	-	-	-	\$42,339
5th Post-MD Year	-	-	-	-	\$44,181
6th Post-MD Year	-	-	-	-	\$48,111
Medical Schools					
1st Post-MD Year	\$40,824	\$38,598	\$40,394	\$39,362	\$39,362
2nd Post-MD Year	\$42,999	\$39,733	\$41,606	\$41,742	\$40,824
3rd Post-MD Year	\$44,685	\$41,183	\$42,780	\$44,091	\$42,430
4th Post-MD Year	\$46,678	\$42,847	\$44,140	\$45,562	\$43,471
5th Post-MD Year	\$47,971	\$44,324	\$45,490	\$48,785	\$45,345
6th Post-MD Year	\$49,263	\$46,262	\$46,828	\$50,916	\$46,780

Note: A dash (“-”) indicates that the number of respondents in that group was too small to report (fewer than five).

An asterisk (“*”) indicates the inclusion of three for-profit hospitals.

A double asterisk (“**”) indicates the inclusion of two Puerto Rican hospitals.

TABLE 7 MEDIAN (50TH PERCENTILE) STIPENDS NATIONWIDE*By Region and Ownership
Academic Year 2005-2006*

All Respondents*	Northeast	South	Midwest	West	All Regions**
1st Post-MD Year	\$43,883	\$40,072	\$41,818	\$40,512	\$41,900
2nd Post-MD Year	\$46,167	\$41,372	\$42,841	\$42,790	\$43,300
3rd Post-MD Year	\$48,654	\$42,813	\$44,475	\$45,185	\$45,000
4th Post-MD Year	\$50,902	\$44,586	\$46,150	\$47,600	\$46,700
5th Post-MD Year	\$52,836	\$46,000	\$47,500	\$50,268	\$48,360
6th Post-MD Year	\$54,543	\$47,793	\$49,084	\$52,194	\$49,916
State Hospitals					
1st Post-MD Year	-	\$37,467	-	-	\$39,933
2nd Post-MD Year	-	\$39,015	-	-	\$41,780
3rd Post-MD Year	-	\$40,333	-	-	\$43,000
4th Post-MD Year	-	\$41,844	-	-	\$45,300
5th Post-MD Year	-	\$43,592	-	-	\$47,496
6th Post-MD Year	-	\$45,517	-	-	\$48,858
Municipal Hospitals					
1st Post-MD Year	\$44,454	-	-	\$38,716	\$41,526
2nd Post-MD Year	\$46,515	-	-	\$42,077	\$42,452
3rd Post-MD Year	\$49,970	-	-	\$44,966	\$45,015
4th Post-MD Year	\$51,700	-	-	\$48,309	\$48,090
5th Post-MD Year	\$53,215	-	-	\$51,327	\$51,192
6th Post-MD Year	\$54,621	-	-	\$55,116	\$54,123
Church Hospitals					
1st Post-MD Year	\$44,366	-	\$42,817	-	\$42,817
2nd Post-MD Year	\$45,909	-	\$43,839	-	\$44,062
3rd Post-MD Year	\$47,528	-	\$45,610	-	\$45,919
4th Post-MD Year	\$49,179	-	\$46,948	-	\$48,256
5th Post-MD Year	\$53,888	-	\$48,003	-	\$51,107
6th Post-MD Year	\$55,952	-	\$50,696	-	\$52,686
Other Non-Profit Hospitals					
1st Post-MD Year	\$43,730	\$41,000	\$41,853	-	\$42,223
2nd Post-MD Year	\$46,100	\$42,297	\$42,850	-	\$43,900
3rd Post-MD Year	\$48,511	\$44,000	\$44,500	-	\$45,613
4th Post-MD Year	\$50,629	\$46,000	\$46,250	-	\$47,198
5th Post-MD Year	\$52,786	\$47,684	\$47,500	-	\$48,500
6th Post-MD Year	\$54,232	\$49,247	\$49,658	-	\$50,000
Veterans Affairs Hospitals					
1st Post-MD Year	\$45,254	-	-	-	\$42,427
2nd Post-MD Year	\$48,152	-	-	-	\$44,726
3rd Post-MD Year	\$50,924	-	-	-	\$47,130
4th Post-MD Year	\$53,818	-	-	-	\$51,511
5th Post-MD Year	-	-	-	-	\$53,029
6th Post-MD Year	-	-	-	-	\$55,640
Medical Schools					
1st Post-MD Year	\$42,650	\$39,567	\$41,761	\$40,512	\$40,832
2nd Post-MD Year	\$44,116	\$40,470	\$42,673	\$42,790	\$42,659
3rd Post-MD Year	\$45,762	\$41,934	\$44,450	\$44,262	\$44,193
4th Post-MD Year	\$47,565	\$43,318	\$46,000	\$46,554	\$45,998
5th Post-MD Year	\$49,979	\$45,329	\$47,296	\$49,151	\$47,969
6th Post-MD Year	\$51,905	\$46,959	\$48,000	\$51,234	\$49,152

Note: A dash (“-”) indicates that the number of respondents in that group was too small to report (fewer than five).

An asterisk (“**”) indicates the inclusion of three for-profit hospitals.

A double asterisk (“**”) indicates the inclusion of two Puerto Rican hospitals.

TABLE 75TH PERCENTILE STIPENDS NATIONWIDE**8***By Region and Ownership
Academic Year 2005-2006*

All Respondents*	Northeast	South	Midwest	West	All Regions**
1st Post-MD Year	\$46,508	\$41,103	\$42,574	\$41,670	\$43,680
2nd Post-MD Year	\$48,252	\$42,647	\$44,071	\$43,812	\$45,753
3rd Post-MD Year	\$51,050	\$44,734	\$45,822	\$46,715	\$47,946
4th Post-MD Year	\$53,818	\$46,562	\$47,500	\$50,952	\$50,629
5th Post-MD Year	\$55,908	\$48,085	\$48,629	\$53,539	\$52,780
6th Post-MD Year	\$58,320	\$49,704	\$50,636	\$55,112	\$54,621
State Hospitals					
1st Post-MD Year	-	\$38,625	-	-	\$42,012
2nd Post-MD Year	-	\$41,127	-	-	\$43,028
3rd Post-MD Year	-	\$42,706	-	-	\$44,638
4th Post-MD Year	-	\$44,251	-	-	\$46,650
5th Post-MD Year	-	\$45,997	-	-	\$48,300
6th Post-MD Year	-	\$47,835	-	-	\$49,917
Municipal Hospitals					
1st Post-MD Year	\$46,703	-	-	\$41,292	\$44,289
2nd Post-MD Year	\$48,634	-	-	\$43,812	\$46,292
3rd Post-MD Year	\$52,498	-	-	\$46,260	\$49,015
4th Post-MD Year	\$54,316	-	-	\$48,692	\$50,971
5th Post-MD Year	\$55,908	-	-	\$52,104	\$52,928
6th Post-MD Year	\$57,385	-	-	\$55,635	\$55,116
Church Hospitals					
1st Post-MD Year	\$46,299	-	\$43,262	-	\$44,183
2nd Post-MD Year	\$48,862	-	\$44,760	-	\$45,525
3rd Post-MD Year	\$53,191	-	\$46,877	-	\$47,216
4th Post-MD Year	\$54,742	-	\$48,449	-	\$49,179
5th Post-MD Year	\$58,362	-	\$51,323	-	\$52,437
6th Post-MD Year	\$57,882	-	\$52,894	-	\$55,016
Other Non-Profit Hospitals					
1st Post-MD Year	\$46,508	\$42,205	\$42,574	-	\$44,089
2nd Post-MD Year	\$48,247	\$44,005	\$44,381	-	\$46,660
3rd Post-MD Year	\$50,981	\$45,488	\$45,822	-	\$48,908
4th Post-MD Year	\$53,268	\$47,547	\$47,500	-	\$51,500
5th Post-MD Year	\$55,625	\$48,119	\$48,629	-	\$53,600
6th Post-MD Year	\$58,320	\$49,800	\$50,636	-	\$55,608
Veterans Affairs Hospitals					
1st Post-MD Year	\$47,153	-	-	-	\$47,153
2nd Post-MD Year	\$50,343	-	-	-	\$50,343
3rd Post-MD Year	\$53,257	-	-	-	\$53,257
4th Post-MD Year	\$55,551	-	-	-	\$55,551
5th Post-MD Year	-	-	-	-	\$57,833
6th Post-MD Year	-	-	-	-	\$60,528
Medical Schools					
1st Post-MD Year	\$43,663	\$40,000	\$42,507	\$40,550	\$42,006
2nd Post-MD Year	\$46,119	\$41,000	\$44,071	\$42,972	\$43,660
3rd Post-MD Year	\$48,830	\$42,750	\$45,860	\$45,098	\$45,384
4th Post-MD Year	\$51,418	\$44,750	\$47,513	\$47,240	\$47,490
5th Post-MD Year	\$53,422	\$46,000	\$49,176	\$49,485	\$49,528
6th Post-MD Year	\$55,386	\$48,226	\$49,932	\$51,835	\$51,566

Note: A dash (“-”) indicates that the number of respondents in that group was too small to report (fewer than five).

An asterisk (“*”) indicates the inclusion of three for-profit hospitals.

A double asterisk (“**”) indicates the inclusion of two Puerto Rican hospitals.

TABLE 9 NUMBER OF RESPONDENTS TO STIPEND QUESTIONS*By Region and Ownership
Academic Year 2005-2006*

All Respondents*	Northeast	South	Midwest	West	All Regions**
1st Post-MD Year	86	51	62	21	222
2nd Post-MD Year	88	52	62	21	225
3rd Post-MD Year	88	52	62	21	225
4th Post-MD Year	87	50	62	21	221
5th Post-MD Year	81	47	57	21	207
6th Post-MD Year	74	44	48	20	187
State Hospitals					
1st Post-MD Year	3	5	3	4	15
2nd Post-MD Year	3	6	3	4	16
3rd Post-MD Year	3	6	3	4	16
4th Post-MD Year	3	6	3	4	16
5th Post-MD Year	3	6	3	4	16
6th Post-MD Year	3	6	3	4	16
Municipal Hospitals					
1st Post-MD Year	6	4	4	6	20
2nd Post-MD Year	7	4	4	6	21
3rd Post-MD Year	7	4	4	6	21
4th Post-MD Year	7	4	4	6	21
5th Post-MD Year	7	4	4	6	21
6th Post-MD Year	7	4	3	5	19
Church Hospitals					
1st Post-MD Year	5	0	8	2	16
2nd Post-MD Year	5	0	8	2	16
3rd Post-MD Year	5	0	8	2	16
4th Post-MD Year	5	0	8	2	15
5th Post-MD Year	4	0	6	2	12
6th Post-MD Year	5	1	5	2	13
Other Non-Profit Hospitals					
1st Post-MD Year	58	26	31	4	119
2nd Post-MD Year	59	26	31	4	120
3rd Post-MD Year	59	26	31	4	120
4th Post-MD Year	59	24	31	4	118
5th Post-MD Year	55	22	30	4	111
6th Post-MD Year	47	18	24	4	93
Veterans Affairs Hospitals					
1st Post-MD Year	5	1	0	0	7
2nd Post-MD Year	5	1	0	0	7
3rd Post-MD Year	5	1	0	0	7
4th Post-MD Year	5	1	0	0	7
5th Post-MD Year	4	1	0	0	6
6th Post-MD Year	4	1	0	0	6
Medical Schools					
1st Post-MD Year	8	14	15	5	42
2nd Post-MD Year	8	14	15	5	42
3rd Post-MD Year	8	14	15	5	42
4th Post-MD Year	8	14	15	5	42
5th Post-MD Year	8	13	14	5	40
6th Post-MD Year	8	13	13	5	39

An asterisk (“*”) indicates the inclusion of three for-profit hospitals.

A double asterisk (“**”) indicates the inclusion of two Puerto Rican hospitals.

OVERVIEW

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.

Whereas the information in Section 1 reflects data for the current academic year (2005-2006), the data in Section 2 represent fiscal information for 2004-2005, 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, 2004 to June 30, 2005.

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 5.5 percent of respondents' 2004-2005 operating budgets. The percentage of the operating budget devoted to housestaff stipends and benefits was higher in the West (10%) and South (7.5%) regions, and lower in the Northeast (3.4%) and Midwest (5.2%). 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 municipal and other not-for-profit hospitals spend a larger percentage of their total budgets on housestaff stipends and benefits than church-owned 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 0.25 (and not 0.20).

For all responding institutions, the ratio of benefits to stipends was 0.38, 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

Table 12 reports the distribution of funding sources for 2004-2005 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 84 percent of the total funding in 2004-2005.

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.

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*
Fiscal Year 2004-2005¹

Mean Values	Northeast	South	Midwest	West	All Regions**
All Respondents*	3.4%	7.5%	5.2%	10.0%	5.5%
State Hospitals	-	3.5%	-	-	3.2%
Municipal Hospitals	5.1%	-	-	19.1%	8.1%
Church Hospitals	2.7%	-	1.4%	-	1.4%
Other Non Profit Hospitals	3.1%	6.3%	2.6%	0.6%	3.6%
Veterans Affairs Hospitals	2.8%	-	-	-	1.2%
Medical Schools	4.8%	18.0%	14.4%	27.5%	14.9%
Median Values*					
All Respondents	2.9%	1.8%	2.0%	2.0%	2.1%
State Hospitals	-	4.2%	-	-	4.0%
Municipal Hospitals	4.1%	-	-	3.9%	3.0%
Church Hospitals	2.9%	-	1.6%	-	1.0%
Other Non Profit Hospitals	2.7%	1.5%	2.2%	0.0%	2.1%
Veterans Affairs Hospitals	3.0%	-	-	-	0.0%
Medical Schools	1.7%	2.0%	1.0%	10.5%	2.8%

¹Data are reported for the most recently completed fiscal year.

Note: A dash ("-") indicates that the number of respondents in that group was too small to report (fewer than five).

An asterisk ("*") indicates the inclusion of three for-profit hospitals.

A double asterisk ("**") indicates the inclusion of two Puerto Rican hospitals.

TABLE RATIO OF BENEFITS TO STIPENDS**11***By Region and Ownership
Fiscal Year 2004-2005¹*

Mean Values	Northeast	South	Midwest	West	All Regions**
All Respondents*	0.37	0.46	0.31	0.43	0.38
State Hospitals	-	0.24	-	-	0.59
Municipal Hospitals	0.31	-	-	0.21	0.56
Church Hospitals	1.01	-	0.37	-	0.29
Other Non Profit Hospitals	0.29	0.25	0.32	0.28	0.27
Veterans Affairs Hospitals	0.31	-	-	-	0.43
Medical Schools	0.29	0.54	0.24	0.78	0.49
Median Values					
All Respondents*	0.28	0.25	0.29	0.27	0.27
State Hospitals	-	0.22	-	-	0.28
Municipal Hospitals	0.29	-	-	0.19	0.25
Church Hospitals	0.28	-	0.31	-	0.30
Other Non Profit Hospitals	0.28	0.25	0.30	0.28	0.27
Veterans Affairs Hospitals	0.16	-	-	-	0.16
Medical Schools	0.27	0.23	0.25	0.32	0.25

¹Data are reported for the most recently completed fiscal year.

Note: A dash ("-") indicates that the number of respondents in that group was too small to report (fewer than five).

An asterisk ("*") indicates the inclusion of three for-profit hospitals.

A double asterisk ("**") indicates the inclusion of two Puerto Rican hospitals.

TABLE 12 FUNDING SOURCES FOR STIPENDS AND BENEFITS BY OWNERSHIP*Sources for Residents and Fellows Combined
Fiscal Year 2004-2005¹*

Funding Source	All Respondents*	State Hospitals	Municipal Hospitals	Church Hospitals	Not for Profit Hospitals	Medical Schools
Patient Revenues/General Operating Funds	84.1%	84.7%	42.2%	99.2%	93.4%	34.2%
State and Municipal Appropriations	1.5%	1.3%	4.7%	0.8%	0.3%	8.0%
Veterans Affairs Appropriations	2.7%	4.3%	5.4%	-	0.4%	12.9%
Physician Fee Revenue	1.1%	2.6%	10.9%	-	0.3%	1.3%
Medical School University Funds	2.1%	0.9%	0.4%	-	0.7%	15.1%
National Institutes of Health	0.3%	2.0%	0.7%	-	0.1%	0.9%
Other Federal Agencies	1.8%	0.4%	3.4%	-	1.7%	4.0%
Endowment Income	0.1%	0.2%	-	-	0.1%	0.3%
Foundation Grants, Voluntary Agencies	0.2%	0.6%	-	-	0.1%	1.1%
Other	6.2%	3.0%	32.3%	-	3.0%	22.2%
<i>Total</i>	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
<i>Number of Respondents</i>	197	15	18	11	106	38

¹Data are reported for the most recently completed fiscal year.

Note: Excludes Veterans Affairs and For-Profit Hospitals.

An asterisk (“**”) indicates the inclusion of one Puerto Rican and two for-profit hospitals.