

# Women in U.S. Academic Medicine Statistics and Benchmarking Report, 2006–2007

## Introduction

This report presents data from an annual survey of medical schools reporting gender distribution of faculty. Women Liaison Officers, Faculty Roster Representatives, and Faculty Affairs Representatives from 109 of 125 medical schools in the United States responded to an online survey. Information on medical students, residents, and faculty from non-responding schools was drawn from other AAMC databases when available. Data from the AAMC Faculty Roster as of December 31, 2006, served as the source for benchmarking tables and figures that are included in this report, as verified and updated by the medical schools.

All tables are available on the AAMC Women in Medicine Web site at:  
<http://www.aamc.org/members/wim/statistics/stats07/start.htm>

## SNAPSHOT

In 2006–07, women represented:

- 49% of applicants to medical school
- 49% of medical students
- 44% of residents
- 39% of assistant professors
- 28% of associate professors
- 17% of full professors
- 21% of division chiefs/section chiefs
- 19% of associate/vice chairs
- 11% of department chairs
- 33% of associate deans
- 26% of senior associate deans
- 12% of medical school deans

### Table 1: Medical Students, Selected Years, 1965–2007

Forty-nine percent of 39,108 applicants to medical school and 49% of 17,826 first year students in 2006–07 were women. These percentages are essentially unchanged since 2002–03.

### Table 2: Distribution of Residents by Specialty, 1996 compared to 2006

Forty-four percent of 101,044 residents in 2006 were women. This compares to 34% of 43,977 residents ten years prior. Over the past ten years, percentages of men and women have followed similar trends in decreasing or increasing representation in their specialties, e.g. the percent of men in training in obstetrics and gynecology has decreased from 3.2 to 2.0 while the percent of women has decreased from 8.9 to 8.1. One exception is in the field of diagnostic radiology, in which the percent of women in training decreased from 3.5 to 2.9 while the percent of men increased from 5.2 to 6.1.

### Table 3: Distribution of Faculty by Department, Rank, and Gender, 2007

Women represent 33% of all medical faculty in 2007 (29% of basic science faculty and 34% of clinical faculty). Of the 11 clinical departments, the percent of women assistant professors exceeds that of men in public health and preventive medicine, dermatology, obstetrics and gynecology, and pediatrics. The percent of men exceeds that of women in all specialties for ranks of associate professor and full professor.

### Table 4: Distribution of Women Faculty by Department, Rank, and Degree, 2007

The 36,669 M.D. and Ph.D. women faculty in 2007 represent 30% of all M.D. faculty and 35% of all Ph.D. faculty. Of the 4,726 women with M.D.s or Ph.D.s in basic science departments, 39% are assistant professors, 23% are associate professors, and 27% are full professors (11% are instructors and other ranks). Of the 31,661 women with M.D.s or Ph.D.s in clinical departments, 53% are assistant professors, 19% associate professors, and 11% full professors. Of the women Ph.D.s appointed to basic science and clinical departments, 64% are in clinical departments.

### Table 5: Distribution of Faculty by Race/Hispanic Origin, Gender, and Rank, 2007

The majority of faculty identify themselves as white (67% of women and 72% of men). Of the 41,360 women faculty, 14% identify as Asian and 4% as Black/African American. Of the 83,253 men faculty, 13% identify as Asian and 2% as Black/African American

**Table 6: 2006 Benchmarking – New Hires and Departures**

In 2006, 42% of all new hires and 36% of all departures were women. The average percentage of women new hires in 2006 was greater than that of 2001 (34%). Five schools reported departures of more than 20% of women faculty.

**Table 7: 2006 Benchmarking – Full-Time Faculty by Gender, Rank, and Tenure**

In 2006, fourteen medical schools reported having at least 40% full-time faculty who are women. Of these schools, only five reported having more than the national average of 14% of women full professors per medical school.

**Table 8: 2006 Benchmarking – New Tenures and Promotions**

Of the 2,254 promotions to associate professor in 2006, 33% were women. Of the 1,460 promotions to full professor, 25% were women. Twenty-seven percent of the 874 faculty reported as receiving tenure in 2006 were women.

**Table 9: 2006 Benchmarking – Division/Section Chiefs and Department Chairs**

Of the 2,970 faculty who were department chairs in 2006, 11% were women. Nine schools reported no women department chairs. Twenty-one percent of division chiefs and 19% of associate and vice chairs were women.

**Table 10: 2006 Benchmarking – Decanal Positions**

Of the 406 senior associate/vice deans and 1,043 associate deans (total 1,449 associate/vice deans), 444 (31%) were women. Of 838 decanal positions reporting directly to the dean, 31% were women; thirteen schools report no women in decanal positions reporting directly to the dean of the medical school.

**Table 11: Women Deans of U.S. Medical Schools, October 2007**

As of this publication date of October 2007, 15 women (12%) are deans or interim deans of the current 125 medical schools. Eight of these women deans were appointed since January 2006. Four have been deans for more than five years; of these, two (Powell and Atkinson) have been deans of more than one medical school.

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