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Diversity in the Physician Workforce

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Director of Research
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Published by the Association of American Medical Colleges,
Diversity Policy and Programs. Summer 2010
Partial support for this project provided by
The Robert Wood Johnson Foundation.

This edition could not have been accomplished without considerable support from staff in the
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A special thanks to Clese Erikson, Ruth Beer Bletzinger, and Lily May Johnson for providing their
guidance and expertise.

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Foreword

The Association of American Medical Colleges' (AAMC's) Diversity Policy and Programs cluster is pleased to present *Diversity in the Physician Workforce: Facts & Figures 2010*, the 16th data book in the Facts & Figures Data Series.

This publication provides physicians, medical students, faculty, administrators, researchers, and policy makers with a compendium of detailed statistical information on the demographics and practice patterns of the physician workforce that graduated from U.S. MD-granting medical schools between 1978 and 2008. In addition, selected data are included from the U.S. Census Bureau and statehealthfacts.org.

This data series is supported, in part, by a grant from the Robert Wood Johnson Foundation. Their longtime support of this series, as well as other initiatives, is greatly appreciated.

We will continue our efforts to meet our readers' needs for data on diversity in medical education and the physician workforce. We welcome feedback regarding this edition and suggestions for information to include in future editions of *Facts & Figures*.

Marc A. Nivet, Ed.D.
Chief Diversity Officer

Laura Castillo-Page, Ph.D.
Director of Research

About this Document

The purpose of this document is to provide a brief overview of diversity in terms of demographic and practice characteristics among physicians who graduated from U.S. MD-granting medical schools between 1978 and 2008. The report includes data on basic demographics (race, ethnicity, sex, and age), medical school training, major professional activity, practice specialty, type of practice, and geographic location, among others.

This document is organized into several major sections. Section I discusses the necessity of expanding health care to meet the diverse needs of the public. Section II covers the current status of physicians who graduated from U.S. MD-granting medical schools between 1978 and 2008. Section III highlights some of the findings that have emerged from the data presented in the previous section and their implications for health care. Section IV contains detailed tables on physicians in the workforce and additional diversity related data (citizenship, marital status, language, etc.) on the physician workforce from the U.S. Census Bureau and statehealthfacts.org (see Supplemental Tables 1-6).

The majority of the data for this report was derived from the AAMC's Data Warehouse: Minority Physician Database. The data in the Minority Physician Database were obtained from the archives of medical schools, other AAMC databases, and the American Medical Association (AMA) Physician Masterfile. The Minority Physician Database provides both basic demographic and practice characteristics of physicians. For additional information on this database, please refer to a previous edition of this report: *Diversity in the Physician Workforce: Facts & Figures 2006*.

The bulk of the data presented in this publication only covers physicians who graduated from U.S. MD-granting medical schools between 1978 and 2008. Therefore, these data do not reflect all current practicing physicians in the workforce. For example, doctors of osteopathic medicine (DOs), international medical school graduates (IMGs), and practicing physicians who graduated prior to 1978, among others, are not included. Between 1978 and 2008, there were 487,306 graduates from U.S. MD-granting medical schools. Most of the data in this publication include 96.7 percent of those graduates (471,409).

I. Introduction: Diversity, Disparities, and Data

It is widely recognized within the health professions that diversity is an essential component for promoting excellence in medical education and accessible, quality health care. Studies have shown that diversity influences education on multiple levels. Students' assumptions are challenged, perspectives are broadened, and there is greater socialization across a variety of racial and ethnic groups, resulting in demonstrated intellectual and cognitive benefits for all students.¹⁻⁵ Furthermore, medical students feel their ability to treat individuals from backgrounds different from themselves improves when they are learning in a heterogeneous environment.⁶⁻⁸ In terms of health care delivery, research indicates that physicians from racial and ethnic minority backgrounds are themselves more likely to treat racial and ethnic minority patients, and more likely to set up practice in typically underserved communities.⁹⁻¹² Several major national reports also state that a more diverse health professions workforce is key to eliminating health care disparities.¹³⁻¹⁵

Most of these studies and reports focus on the racial and ethnic dimensions of diversity. Even so, more work is required in this area. As this edition of *Facts & Figures* clearly portrays, the U.S. is still producing too few racial and ethnic minority physicians to assure quality health care for all.

Expanding Our Notions of Diversity to Improve Health Care

Nonetheless, to consider diversity as referring solely to race and ethnicity is too narrow. We must broaden our understanding of diversity to meet the health care needs of our ever-changing society. This requires the concept to be inclusive, imply mutual respect, and take multiple perspectives into account. As such, diversity continues to embrace race, ethnicity, nationality, and gender, while expanding the concept to encompass sexual orientation, religion, geography, disability, age, language, gender identity, and much more.¹⁶ A workforce that is comprised of individuals who have been educated and trained together to learn from each others' backgrounds and experiences will be better prepared to care for specific health concerns affecting the varied populations that comprise the U.S. Here are just a few examples:

- Individuals from **racial and ethnic minority** backgrounds continue to suffer from greater health problems than their White counterparts. Among the challenges faced, African-American women are more likely to die of breast cancer than women of any other racial or ethnic group. American Indians are nearly three times as likely to be diagnosed with diabetes as White Americans. Eighty-two percent of the pediatric AIDS cases reported in 2001 consisted of African-American and Latino children.¹⁷
- Individuals living with **disability** experience and report greater health problems than their non-

disabled counterparts.¹⁸ Despite this, they are less likely to receive preventative care.¹⁹⁻²¹

- Research indicates that individuals of different **sexual orientations** also experience health and health care disparities. Lesbian, gay, bisexual and transgendered (LGBT) persons report higher levels of psychological distress and use mental health services more often than their heterosexual counterparts, have a higher prevalence of disordered eating, and are more likely to forego essential preventative screenings, such as mammograms.²²⁻²⁵
- Geography also has an impact on health. According to the *National Healthcare Disparities Report*, rural residents are typically poorer than urban residents, are more likely to be in poorer health, and report more chronic conditions.²⁶

Physician Workforce Diversity: Necessary, But Not Sufficient

Assembling a workforce that is diverse along many dimensions is critically necessary, but not sufficient to adequately care for patients from different populations. Medical students and physicians must learn how to handle each patient sensitively and competently. They require training on the effects of values, needs, traditions, and perceptions of patients from backgrounds that differ from their own. Research has shown that such “cultural competence” training positively affects the skills, knowledge, and attitudes of health care providers.²⁷ Consequently, the Institute of Medicine proposes cultural competence training

as a means to eliminate health disparities.²⁸ The Liaison Committee on Medical Education (LCME) and the Accreditation Council for Graduate Medical Education (ACGME) now require cultural competence education and training.²⁹⁻³⁰

Medical students and physicians must also develop strategies to best provide care for different groups based on available data and research. For example, the work of Reichard and colleagues addresses how to understand and treat individuals with disabilities.³¹ Some medical schools have instituted training programs to teach future physicians how to effectively and compassionately care for this population.³² Similarly, providers must understand and address the hostility or intolerance in health care settings that LGBT patients and their families often face. Furthermore, a study conducted by Mays and Cochran (2001) reported that nearly three quarters of lesbian, gay and bisexual men and women surveyed reported discrimination, sexual orientation being listed as a common cause, and such perceived discrimination is thought to be a risk factor for psychological morbidity.³³

In addition to quality of care, access to care also differs based on a variety of factors, including geographic location. Only an estimated 9 percent of physicians practice in rural areas, which comprise approximately 20 percent of the U.S. population.²⁶

These factors are but a few of many affecting the nation’s health care delivery and outcomes. The impact on health of socioeconomic status,

gender, access to education, and housing and job opportunities are all very real, profound, interrelated, and complex. Even for the populations mentioned above, there are within-group differences. For example, discrimination varies by race and ethnicity, and the needs of an individual with severe intellectual disabilities are vastly different from the needs of someone with limited motor ability.

A Call for Expanding the Data

Another vital consideration, which is the fundamental purpose of the Facts & Figures Data Series, is the part that data play in influencing medical education, policies, and practice. The data and research on diversity in health care and health outcomes are limited. As constrained as they are, most of the data and studies focus on race and ethnicity. Less information is available about other dimensions of diversity.

For instance, LGBT populations are underrepresented in medical research. An exhaustive review of articles contained in the Medline National Library of Medicine found that they were included in less than 1 percent of articles published between 1980 and 1999.³⁴ Of these articles, the majority were disease-specific, focused largely on sexually transmitted diseases and infections (namely, HIV and AIDS) and ignored other areas of health concerns.

Facts & Figures 2010, as in previous editions of the series, provides a wealth of information to promote increased racial, ethnic, and gender diversity in medical education and the physician workforce. On the basis of citations in other publications, presentations, and feedback, we know that these

data have had an impact. Nonetheless, we recognize the need to distribute data that encompass other aspects of diversity. The main challenge is collecting the requisite data, which will require concerted efforts on the part of the AAMC and its membership. Our goal, with your help, is for future editions of *Facts & Figures* to contain data on diversity's multiple dimensions to better prepare a physician workforce fully capable of treating all patients from all backgrounds.

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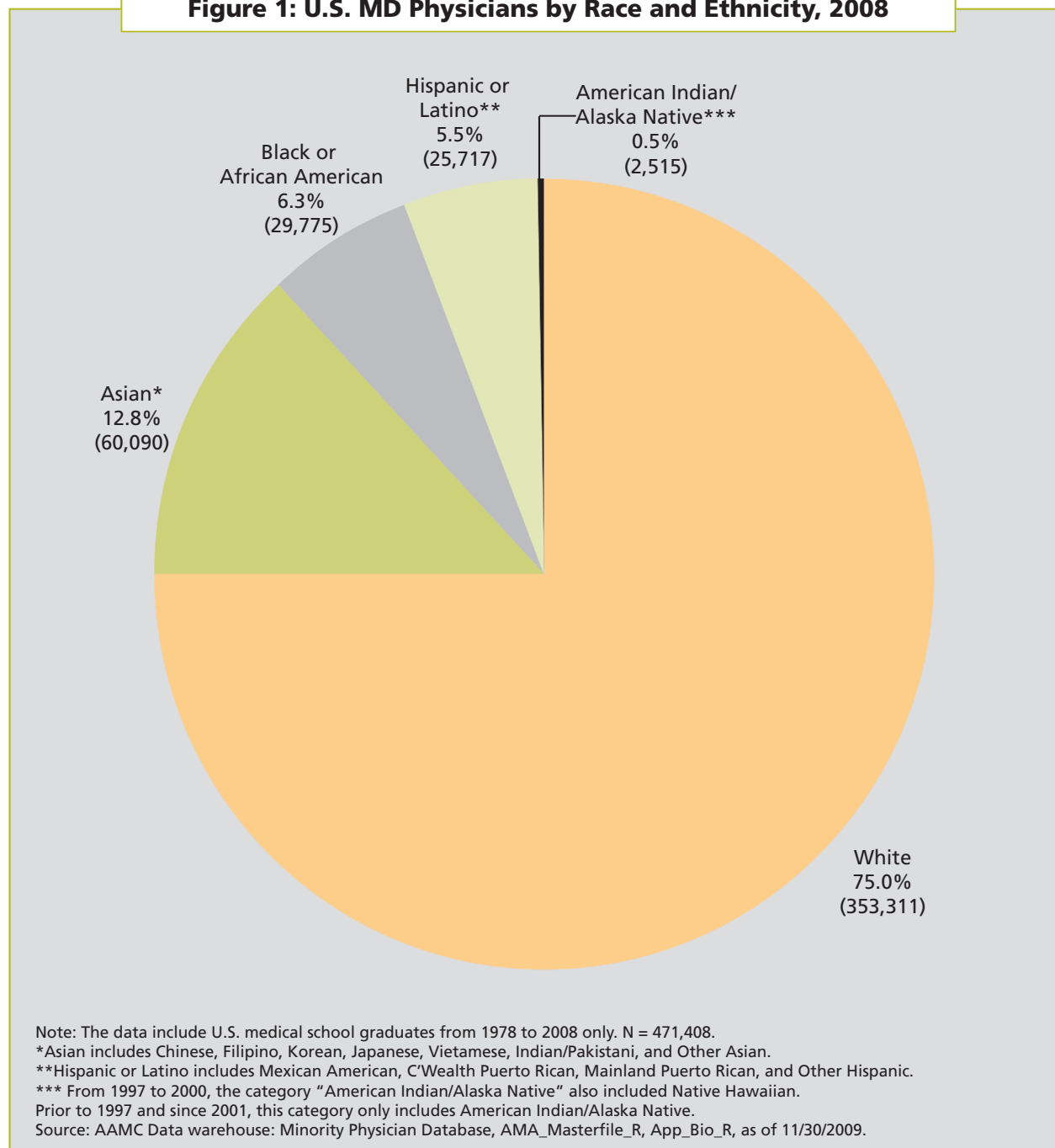
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II. Current Status of Physician Graduates from U.S. MD-Granting Medical Schools

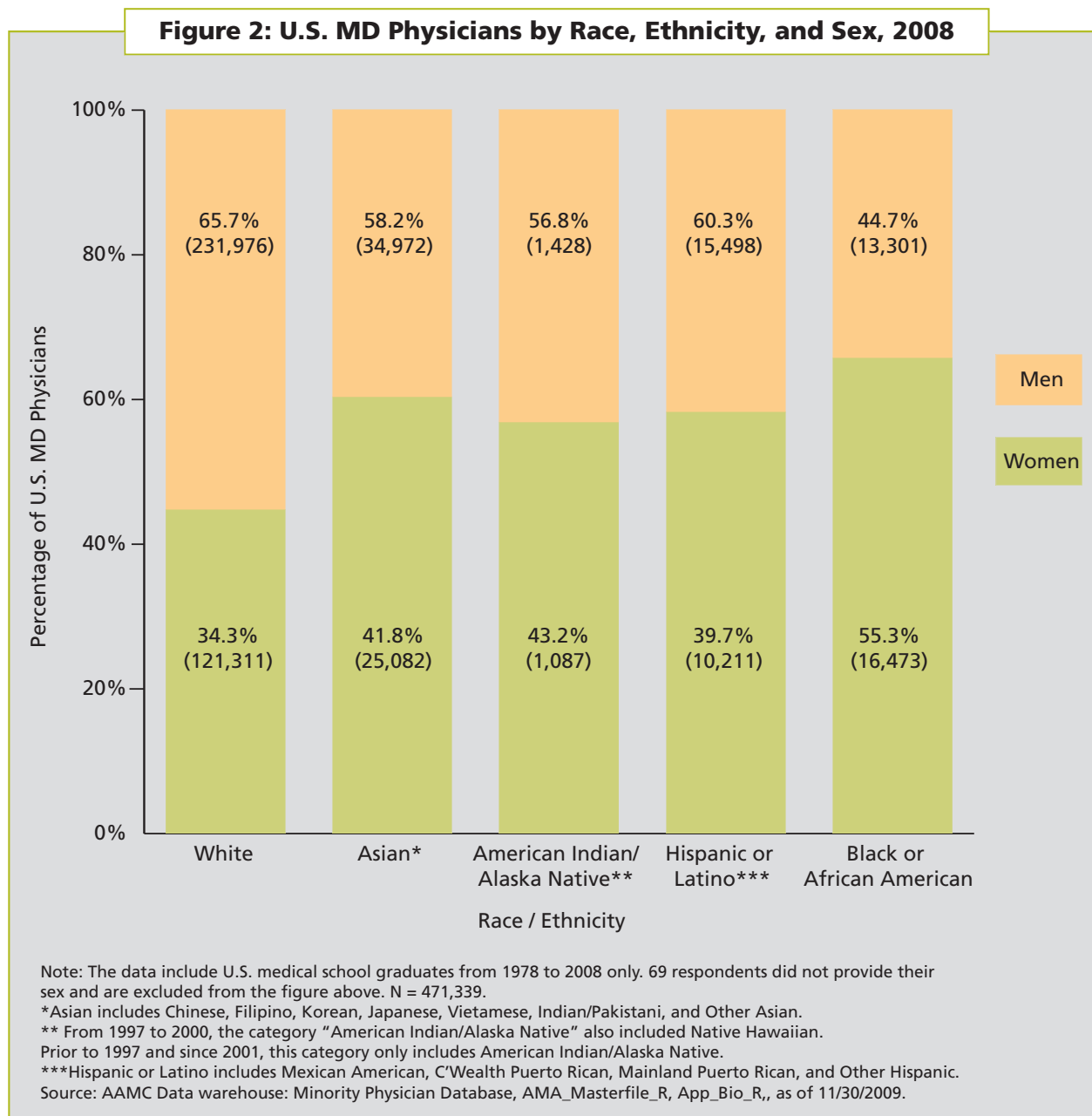
Between 1978 and 2008, 75% of all medical school graduates practicing medicine were White, while Blacks or African Americans, American Indians/Alaska Natives and Hispanics or Latinos comprised a combined 12.3% of the U.S. physician workforce. Asians and Blacks or African Americans were the largest groups of racial and ethnic minority physicians (12.8 and 6.3%, respectively) (see Figure 1).

Figure 1: U.S. MD Physicians by Race and Ethnicity, 2008

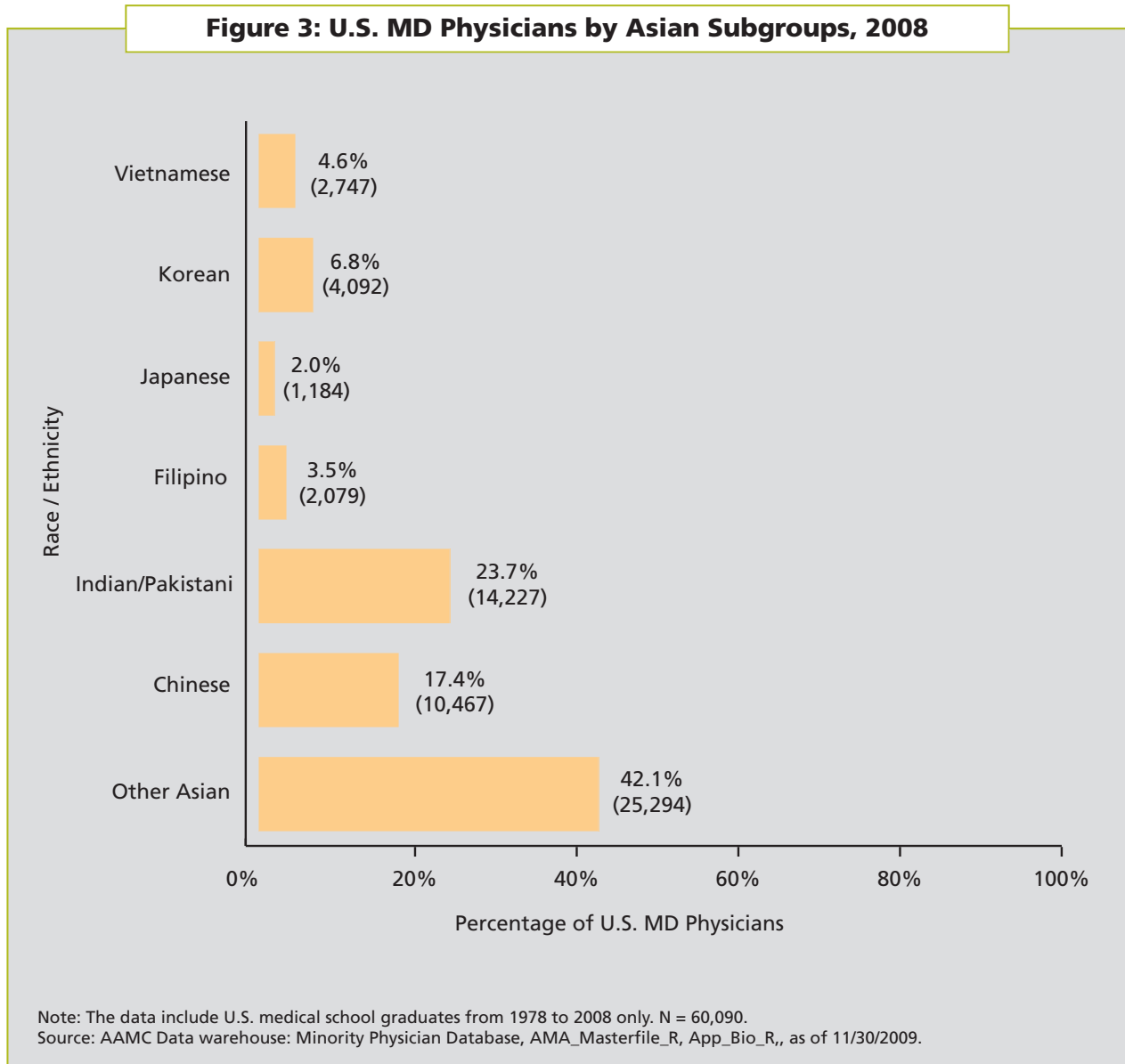


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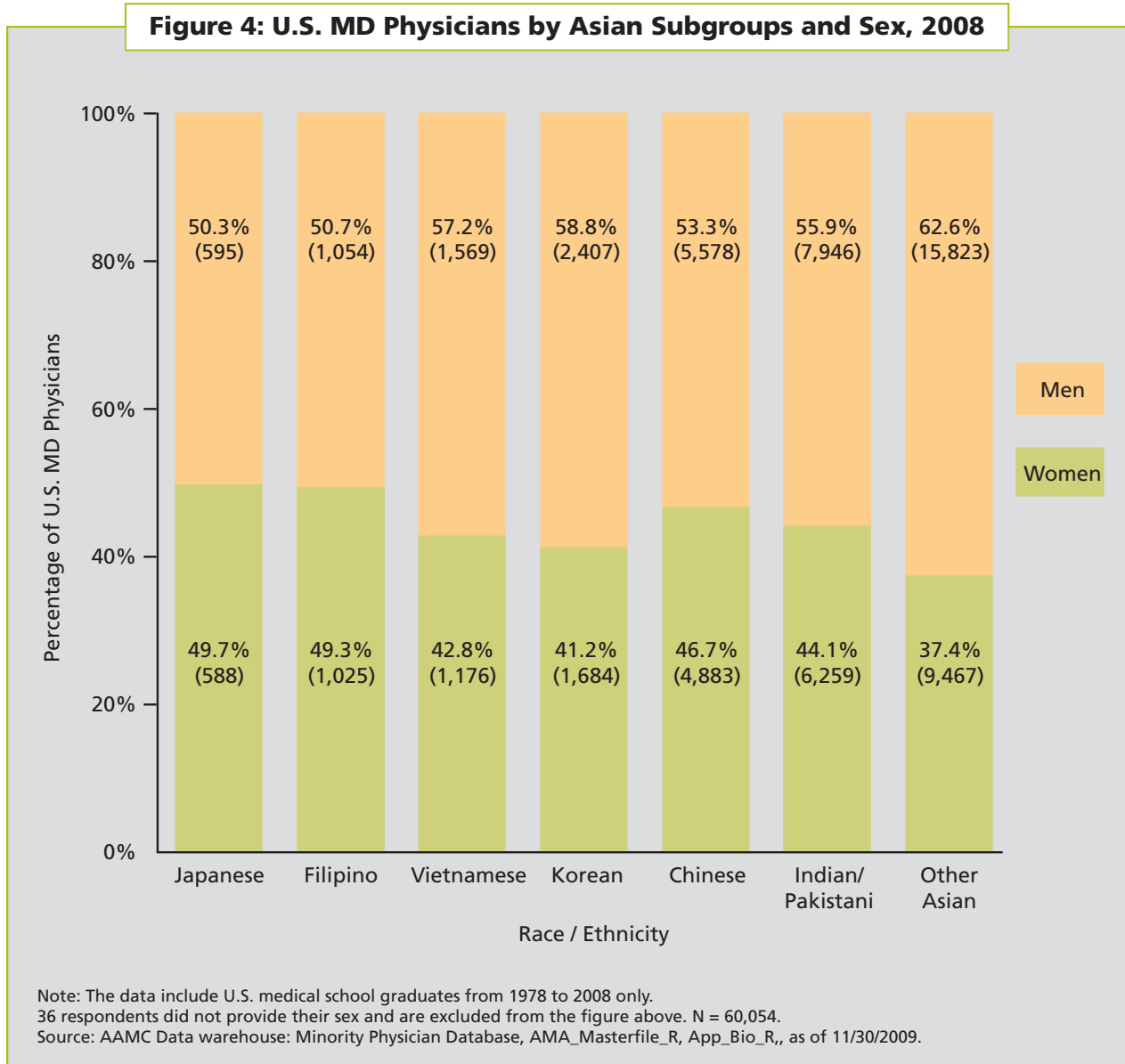
In 2008, the percentage of Black or African-American women physicians (55.3%) was greater than that of men (44.7%) of the same racial and ethnic group. However, a greater percentage of men than women were physicians across Asian (58.2%), American-Indian/Alaska-Native (56.8%), Hispanic or Latino (60.3%), and White (65.7%) racial and ethnic groups (see Figure 2).



Chinese, Indian/Pakistani, and Other Asian physicians comprised the majority of Asian U.S. MD medical school graduates between 1978 and 2008, representing 17.4%, 23.7%, and 42.1%, respectively, of the Asian physician workforce (see Figure 3).

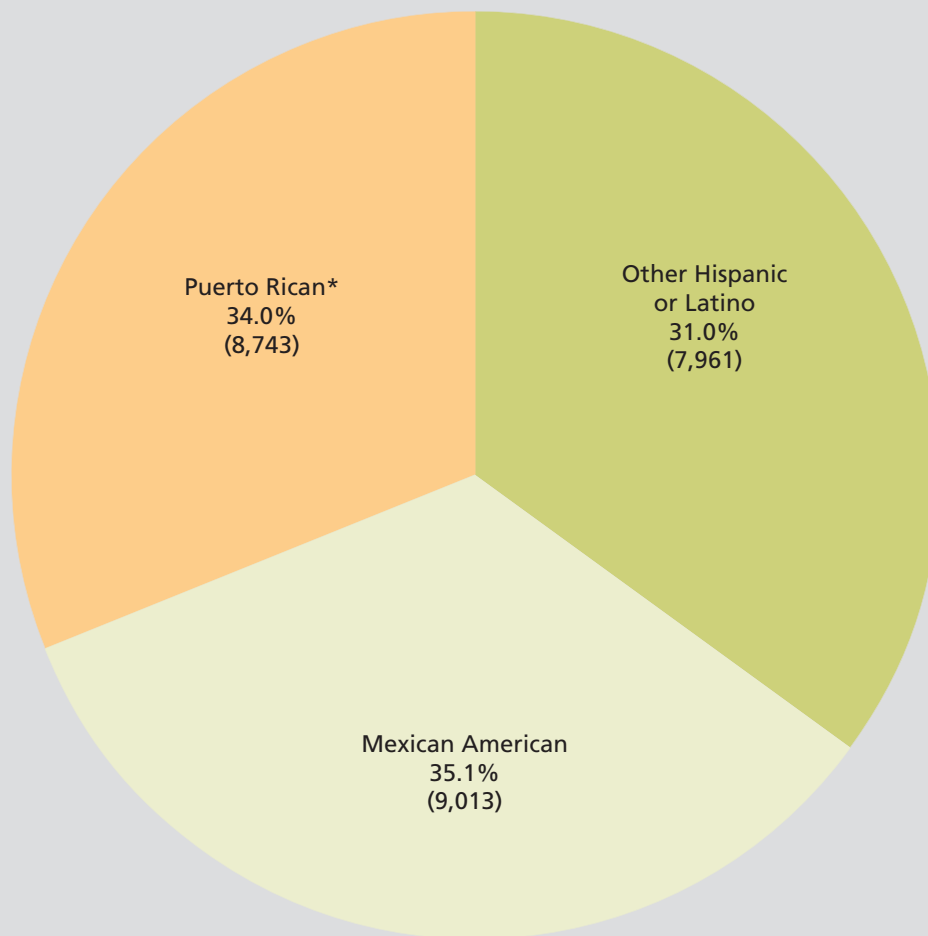


In 2008, the Asian physician workforce encompassed more men than women, where Vietnamese, Korean, and Other Asian women physicians represented the lowest percentages (42.8%, 41.2%, and 37.4%, respectively) in comparison to their male counterparts. In the Japanese and Filipino subgroups, women accounted for 49.7% and 49.3%, respectively, of Asian physicians (see Figure 4).



Across the Hispanic or Latino racial and ethnic subgroups, Mexican-American physicians comprised 35.1%, followed by Puerto Rican physicians who comprised 34% (see Figure 5).

Figure 5: U.S. MD Physicians by Hispanic or Latino Subgroups, 2008

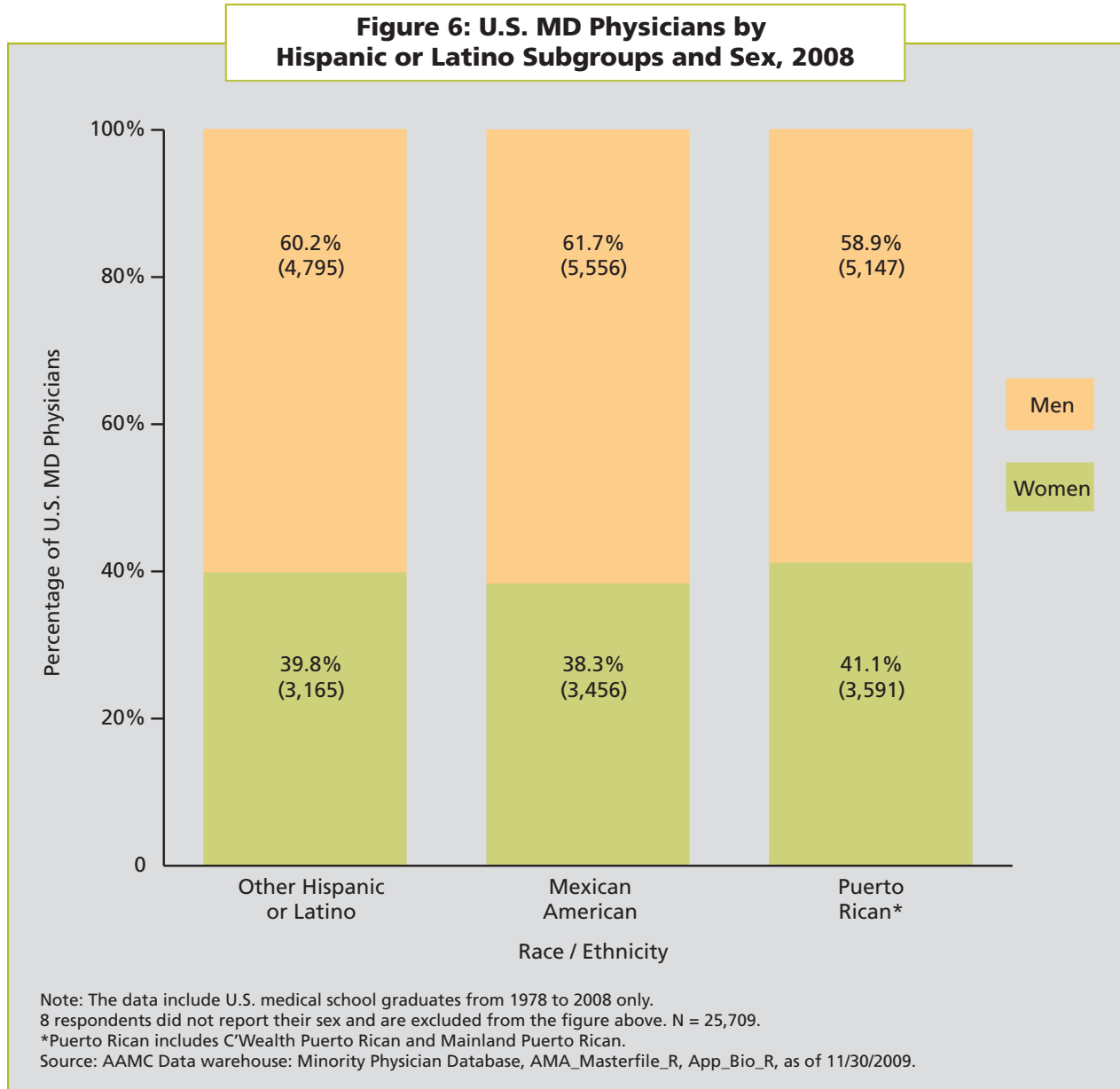


Note: The data include U.S. medical school graduates from 1978 to 2008 only. N = 25,717.

* Puerto Rican includes Commonwealth Puerto Rican and Mainland Puerto Rican.

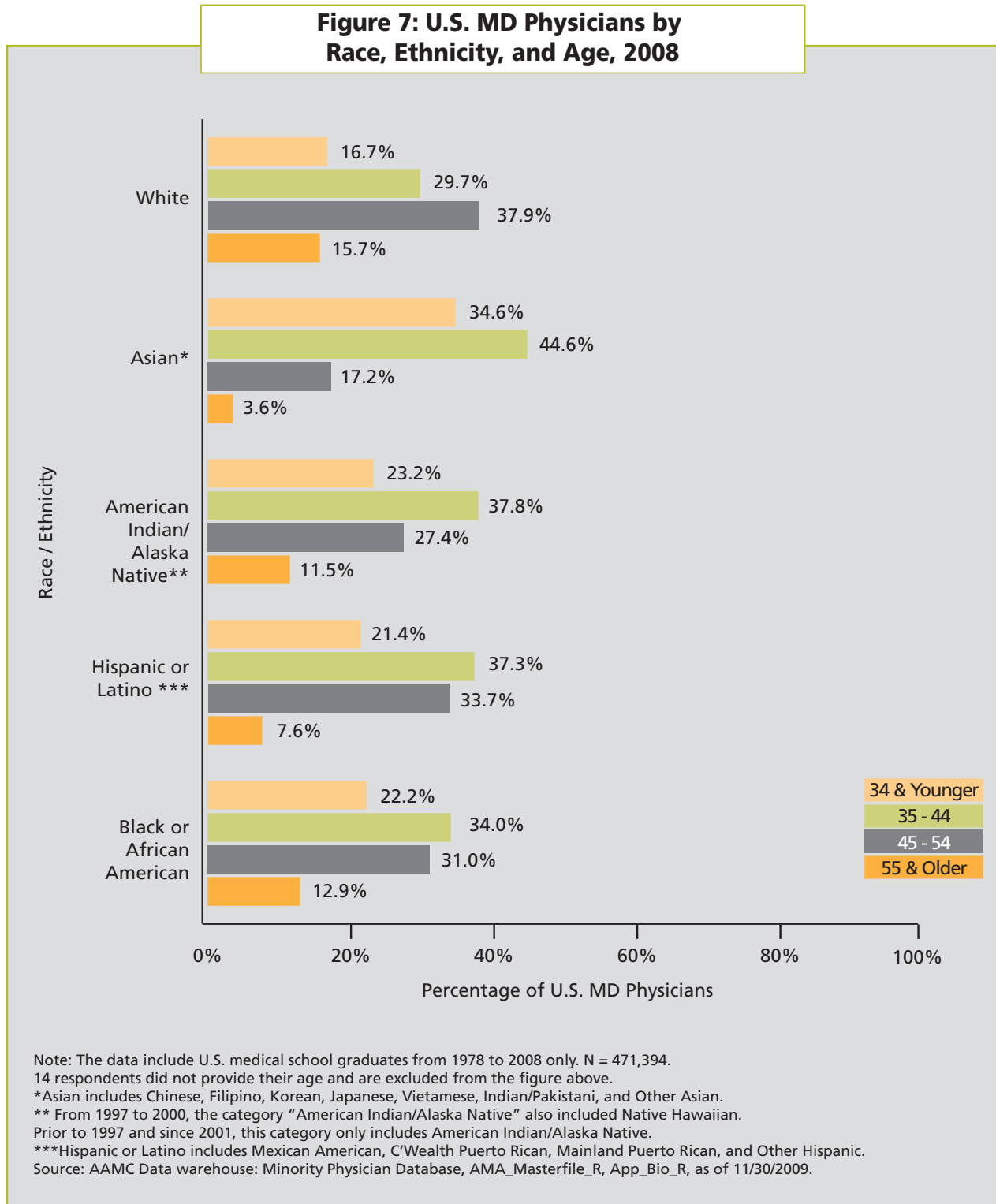
Source: AAMC Data warehouse: Minority Physician Database, AMA_Masterfile_R, App_Bio_R,, as of 11/30/2009.

Puerto Rican women physicians accounted for the highest percentage of women across the Hispanic or Latino racial and ethnic subgroup at 41.1%. Fewer women physicians constituted the Other Hispanic (39.8%), Mexican American (38.3%), and Hispanic or Latino subgroups. Mexican American men (61.7%) were the largest group of Hispanic or Latino physicians (see Figure 6).

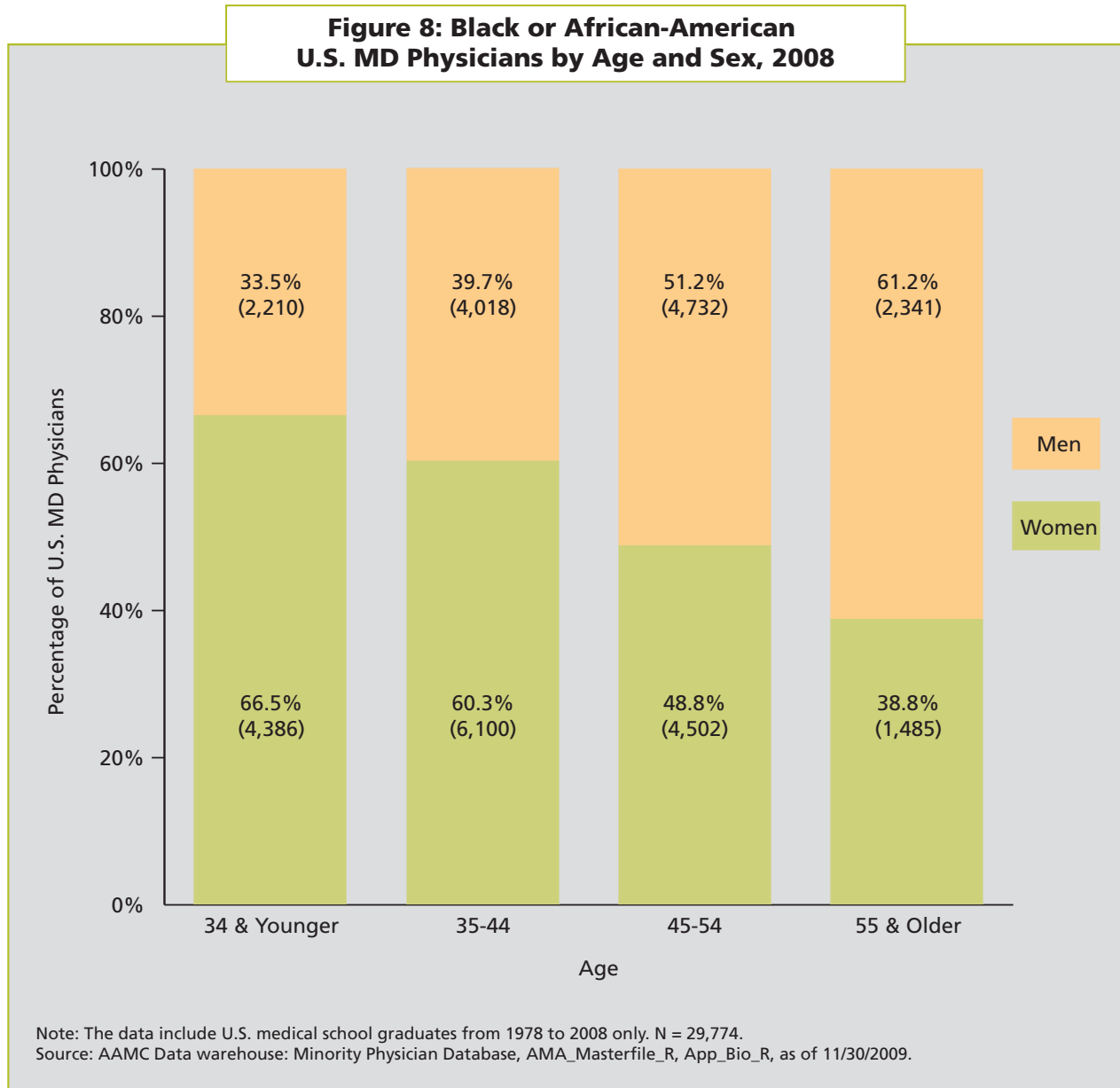


Diversity in the Physician Workforce: Facts & Figures 2010

Across all racial and ethnic minority groups, the majority of physicians were age 35 to 44 (i.e., Asian, 44.6%; American Indian/Alaska Native, 37.8%; Hispanic or Latino, 37.3%; Black or African American, 34%). For White physicians, the majority (37.9%) were age 45 to 54 (see Figure 7).

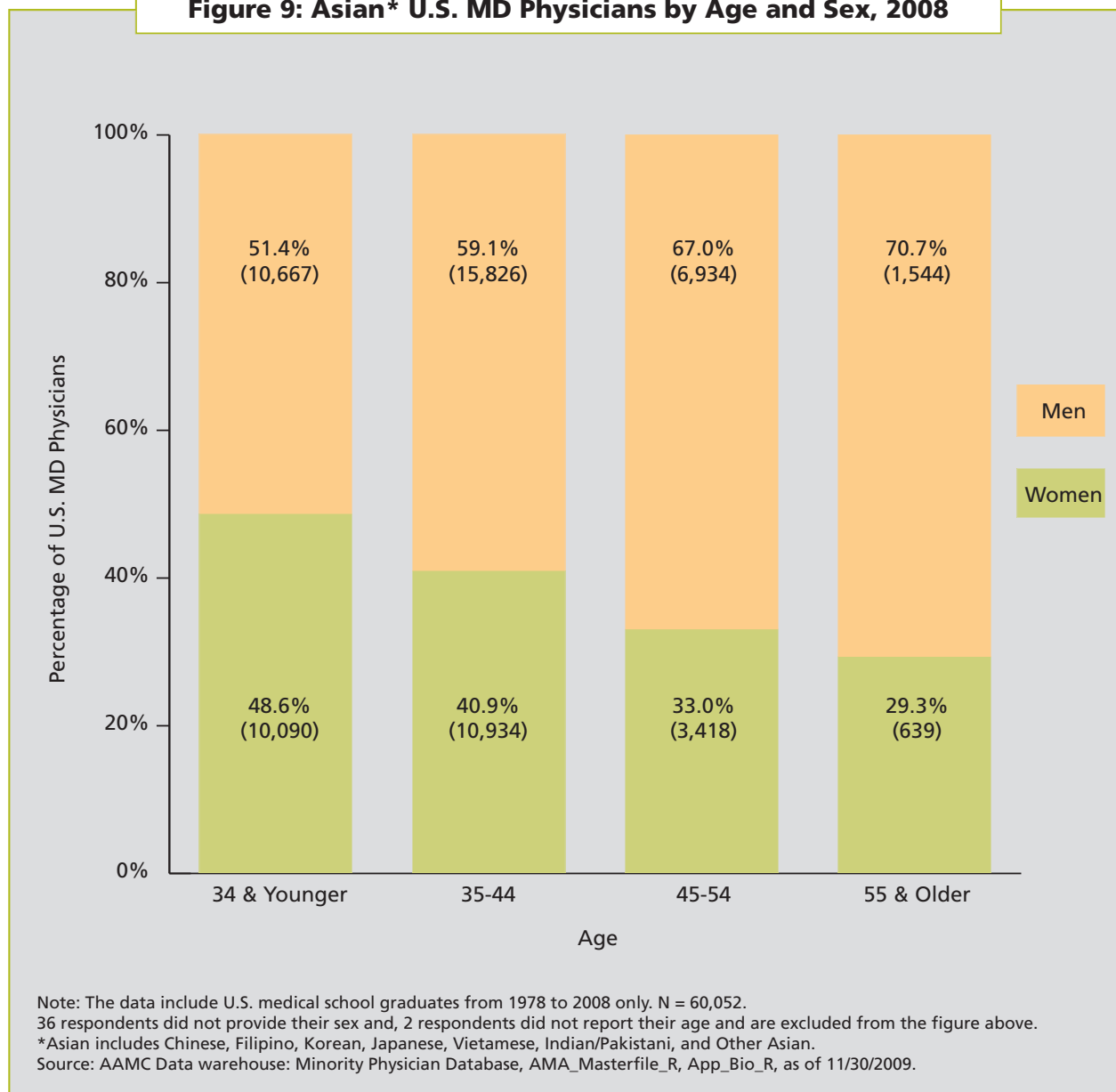


Between 1978 and 2008, less than half of the Black or African American physicians age 45 to 54 (48.8%) were women compared to men, while women physicians 34 and younger comprised 66.5% compared to men (see Figure 8).



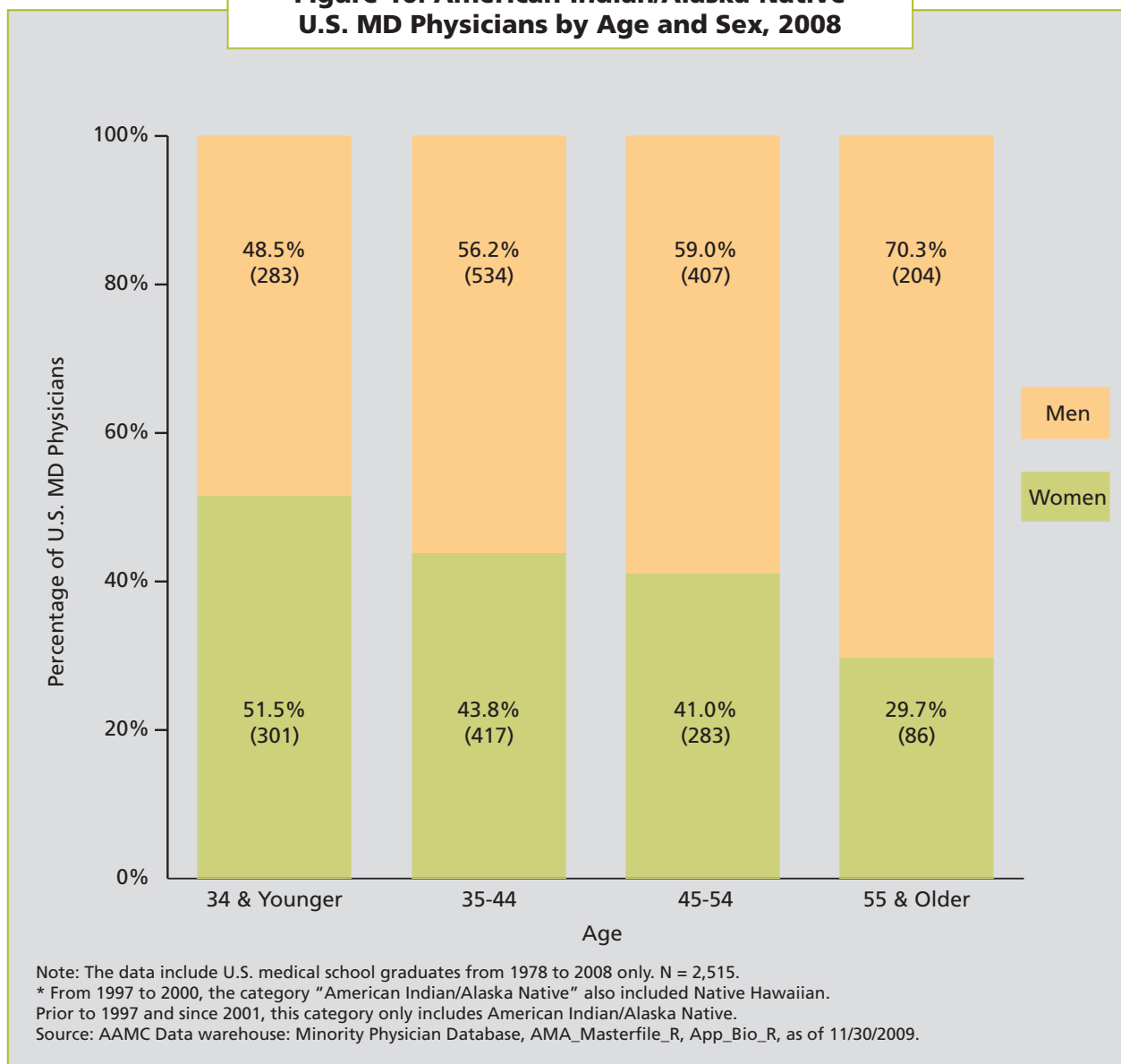
In 2008, across all age categories, fewer than 50% of Asian physicians were women. The lowest percentage was among women age 45 to 54 (33%), and 55 and older (29.3%). The majority of men who were Asian physicians were age 55 or older (70.7%) (see Figure 9).

Figure 9: Asian* U.S. MD Physicians by Age and Sex, 2008

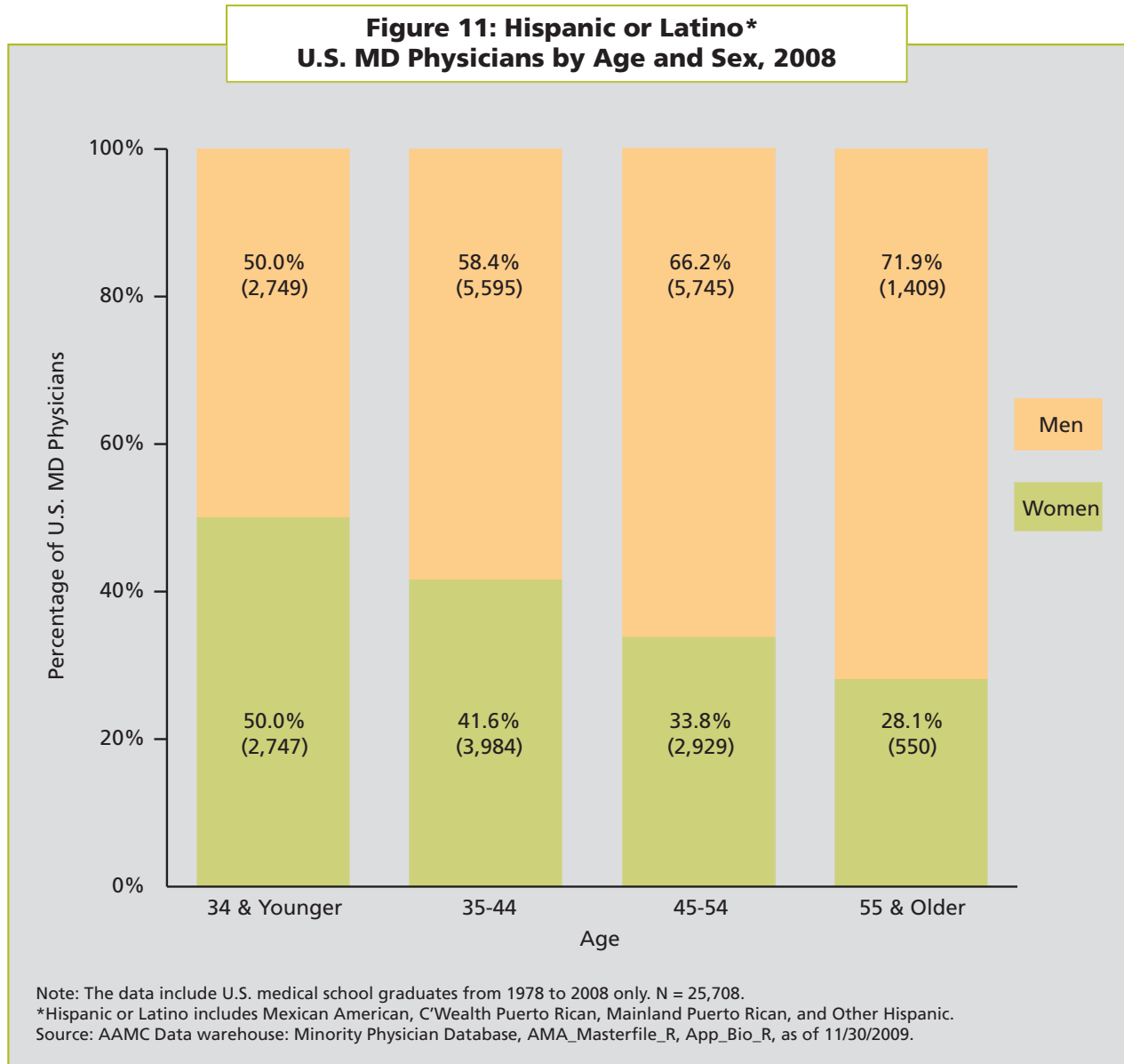


In 2008, the percentage of American Indian/Alaska Native women physicians age 34 and younger (51.5%) exceeded their male counterparts (48.5%). However, less than 50% of American Indian/Alaska Native physicians age 35 to 44 (43.8%) and 45 to 54 (41%) were women. Female participation in the physician workforce was lowest among those age 55 and older (29.7%) compared to men in the same age category (see Figure 10).

Figure 10: American-Indian/Alaska-Native* U.S. MD Physicians by Age and Sex, 2008

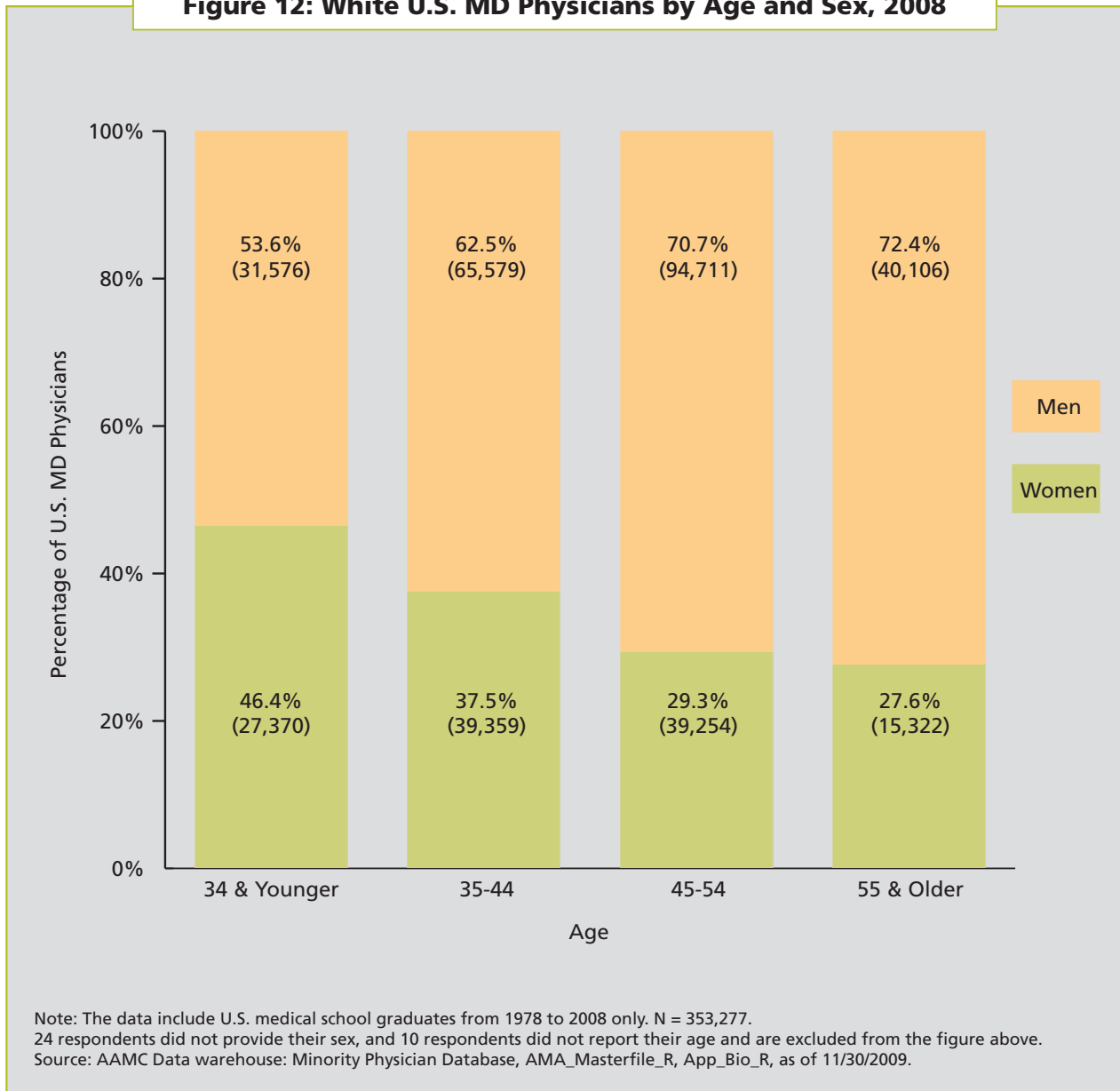


In 2008, 50% of Hispanic or Latino physicians age 34 and younger were women. However, across the remaining age groups, fewer than 50% were women (ages: 35 to 44, 41.6%; 45 to 54, 33.8%; and, 55 and older, 28.1%). The percentage of Hispanic or Latino male physicians was lowest for those 34 and younger, and highest for those 55 and older (see Figure 11).



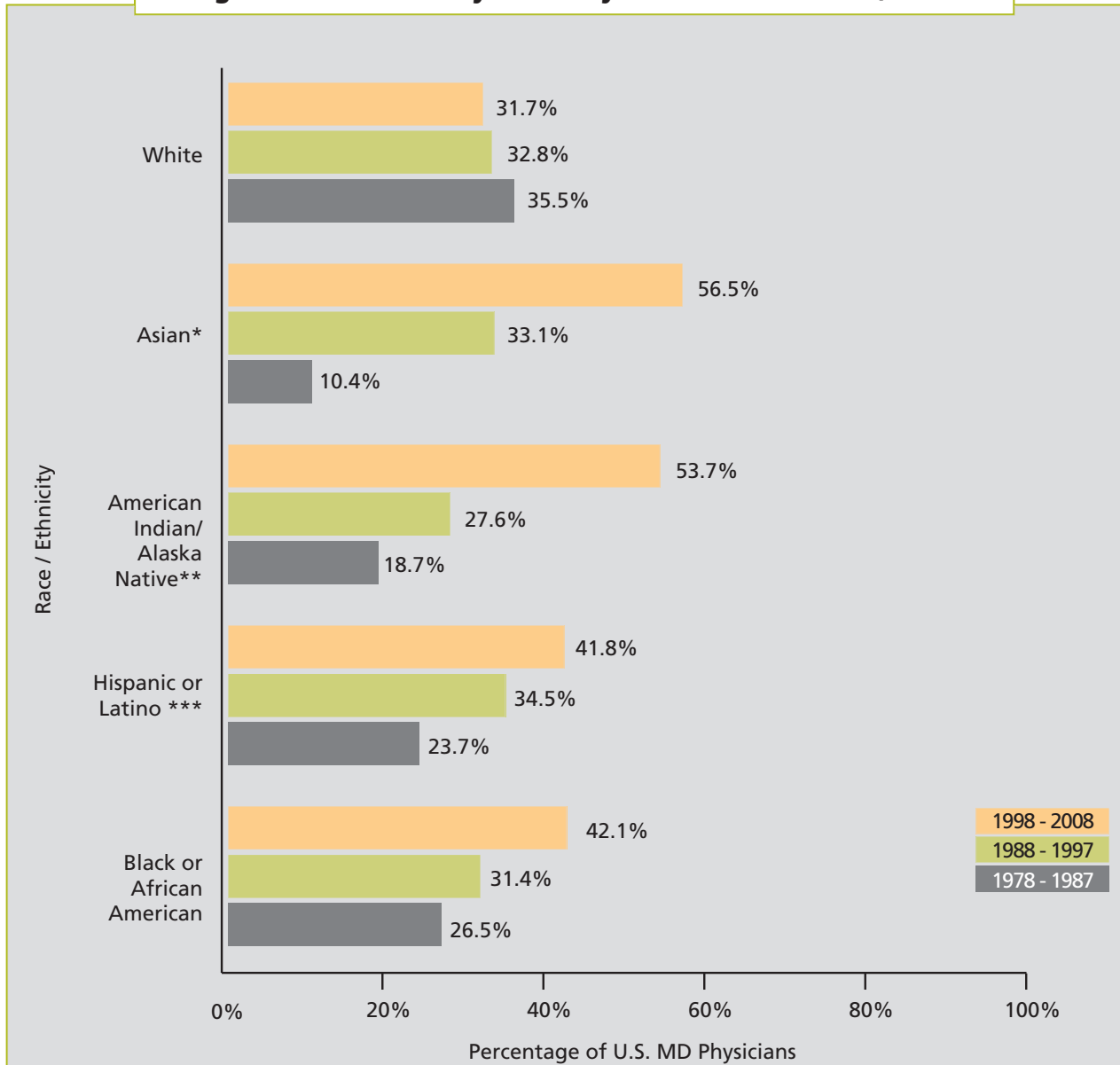
Of the 353,277 White physicians, women represented less than 50% of this group in all age categories, ranging from 27.6% for age 55 and older to 46.4% for age 34 and younger (see Figure 12).

Figure 12: White U.S. MD Physicians by Age and Sex, 2008



Between 1978 and 2008, each subsequent decade experienced gains over the previous one in the percentage of physicians across all racial and ethnic minority groups. During the same period, Whites declined as a percentage of all graduating physicians (see Figure 13).

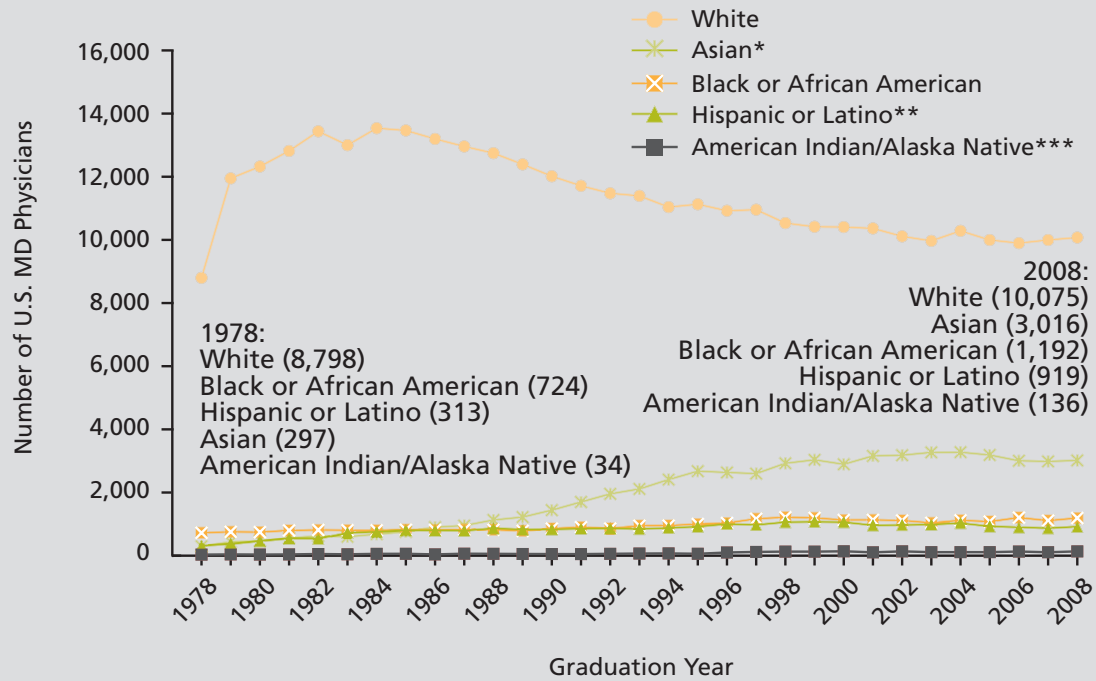
Figure 13: U.S. MD Physicians by Graduation Decade, 2008



Note: The data include U.S. medical school graduates from 1978 to 2008 only. N = 471,409.
 *Asian includes Chinese, Filipino, Korean, Japanese, Vietnamese, Indian/Pakistani, and Other Asian.
 ** From 1997 to 2000, the category "American Indian/Alaska Native" also included Native Hawaiian.
 Prior to 1997 and since 2001, this category only includes American Indian/Alaska Native.
 ***Hispanic or Latino includes Mexican American, C'wealth Puerto Rican, Mainland Puerto Rican, and Other Hispanic.
 Source: AAMC Data warehouse: Minority Physician Database, AMA_Masterfile_R, App_Bio_R, as of 11/30/2009.

For each graduating class between 1978 and 2008, Whites represented the largest number of physicians despite their overall decline from 13,483 in 1982 to 10,075 in 2008. During the same period, racial and ethnic minority groups experienced slower than expected increases. While they more than tripled their numbers since 1978 (1,368 to 5,263), they were only slightly more than half the number of White physicians in 2008 (see Figure 14).

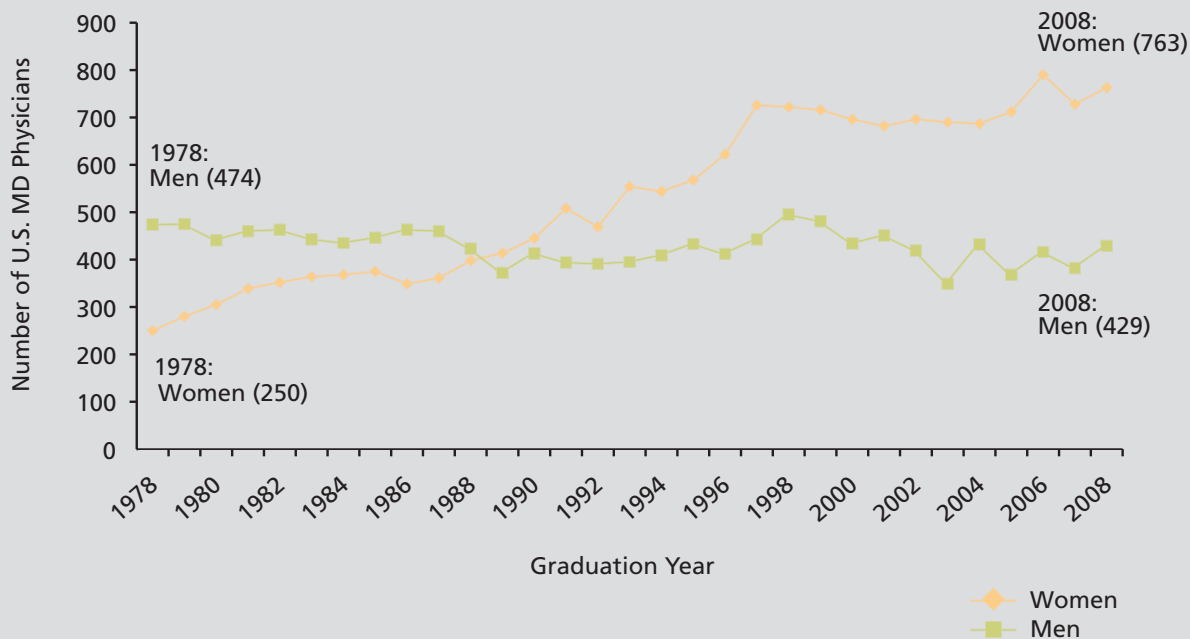
Figure 14: U.S. MD Physicians by Graduation Year, Race, and Ethnicity, 1978 - 2008



Note: The data include U.S. medical school graduates from 1978 to 2008 only. N = 471,409.
 *Asian includes Chinese, Filipino, Korean, Japanese, Vietnamese, Indian/Pakistani, and Other Asian.
 **Hispanic or Latino includes Mexican American, C'wealth Puerto Rican, Mainland Puerto Rican, and Other Hispanic.
 *** From 1997 to 2000, the category "American Indian/Alaska Native" also included Native Hawaiian.
 Prior to 1997 and since 2001, this category only includes American Indian/Alaska Native.
 Source: AAMC Data warehouse: Minority Physician Database, AMA_Masterfile_R, App_Bio_R, as of 11/30/2009.

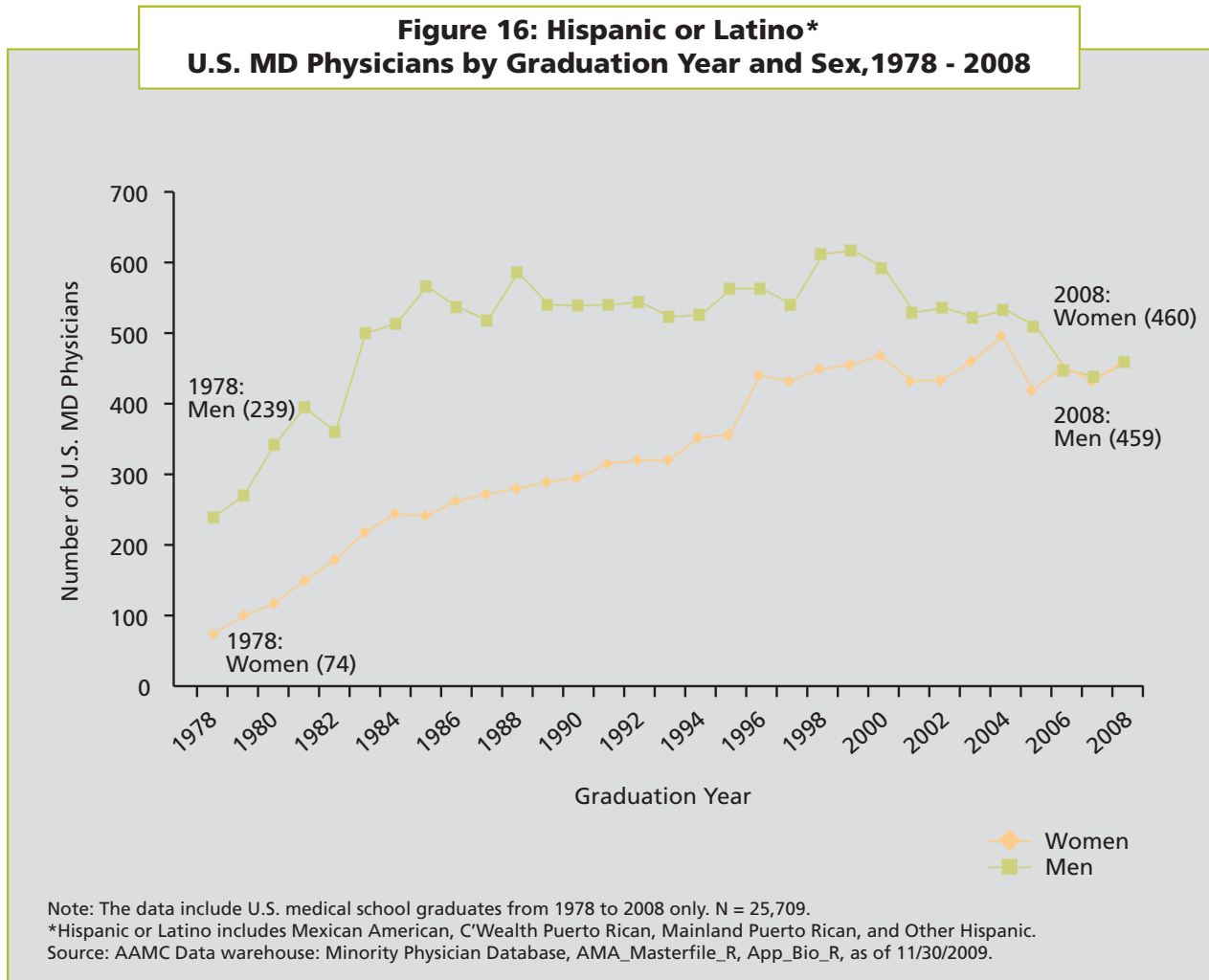
In 2008, the number of Black or African-American women graduating as physicians (763) was higher than in 1978 (250). This is especially notable when compared to the number of graduating men, which declined from 474 in 1978 to 429 in 2008 (see Figure 15).

Figure 15: Black or African-American U.S. MD Physicians by Graduation Year and Sex, 1978 - 2008



Note: The data include U.S. medical school graduates from 1978 to 2008 only. N = 29,774.
 Source: AAMC Data warehouse: Minority Physician Database, AMA_Masterfile_R, App_Bio_R, as of 11/30/2009.

Between 1978 and 2008, the gender gap for Hispanic or Latino physicians continued to close as the number of women graduating from medical school (460) approximately equaled the number of men graduating from medical school (459) in 2008 (see Figure 16).



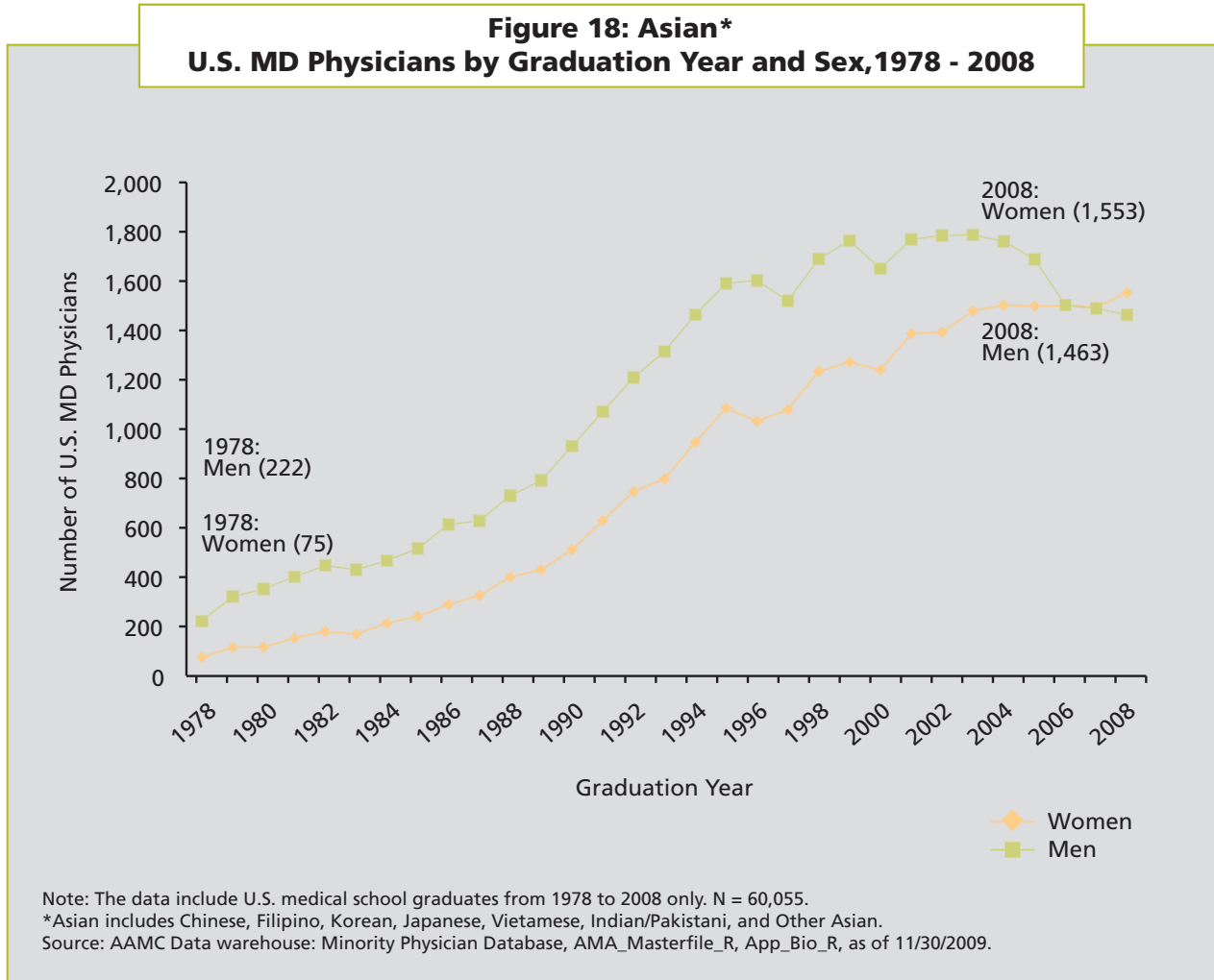
Between 1978 and 2008, the number of American-Indian/Alaska-Native physicians who graduated from U.S. medical schools more than doubled for men (from 31 to 69) and increased more than twentyfold for women (from 3 to 67). In addition, the gender gap between these groups has narrowed significantly (see Figure 17).

Figure 17: American-Indian/Alaska-Native* U.S. MD Physicians by Graduation Year and Sex, 1978 - 2008



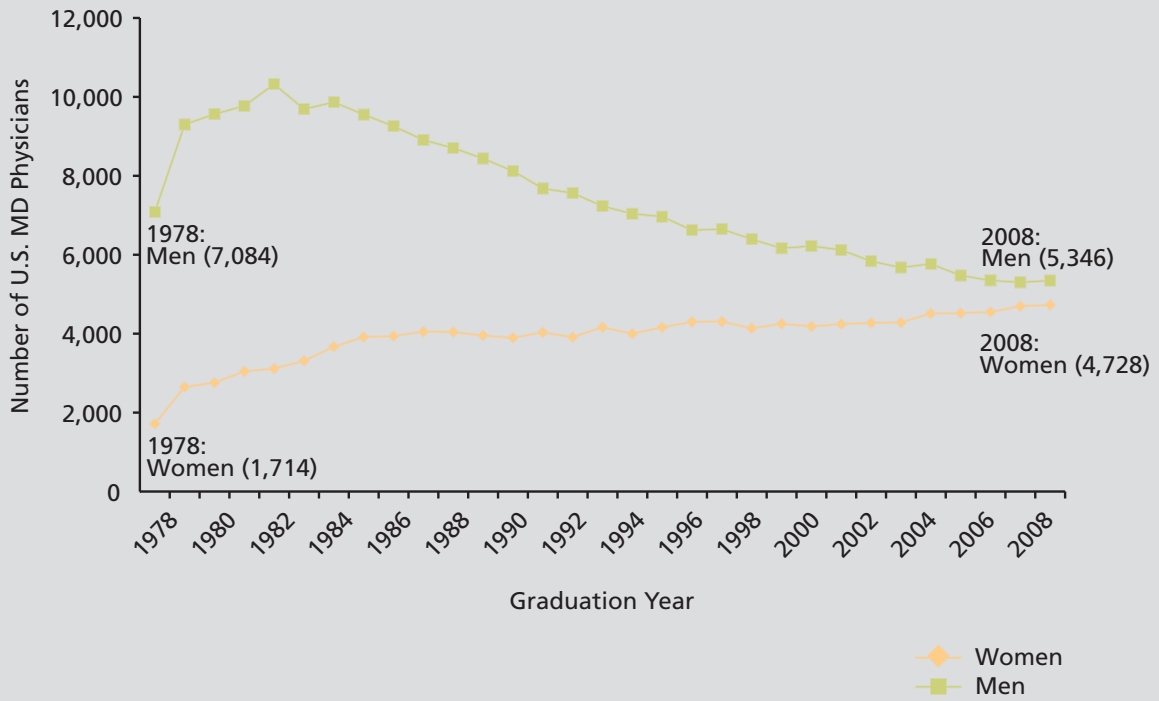
Note: The data include U.S. medical school graduates from 1978 to 2008 only. N = 2,515.
 * From 1997 to 2000, the category "American Indian/Alaska Native" also included Native Hawaiian.
 Prior to 1997 and since 2001, this category only includes American Indian/Alaska Native.
 Source: AAMC Data warehouse: Minority Physician Database, AMA_Masterfile_R, App_Bio_R, as of 11/30/2009.

Similar to Hispanics or Latinos and American Indians/Alaska Natives, the gender gap for Asian physicians overall continues to narrow. The gap has gone from 147 in 1978 to 90 in 2008, with women now predominating (see Figure 18).



Over the last three decades there has been a general decline in the number of White male physicians, with a peak of 10,323 graduating in 1982 compared to 5,346 in 2008. During the same 30-year period, the gender gap steadily narrowed. Although in 2008, men (5,346) continued to outnumber women (4,728) (see Figure 19).

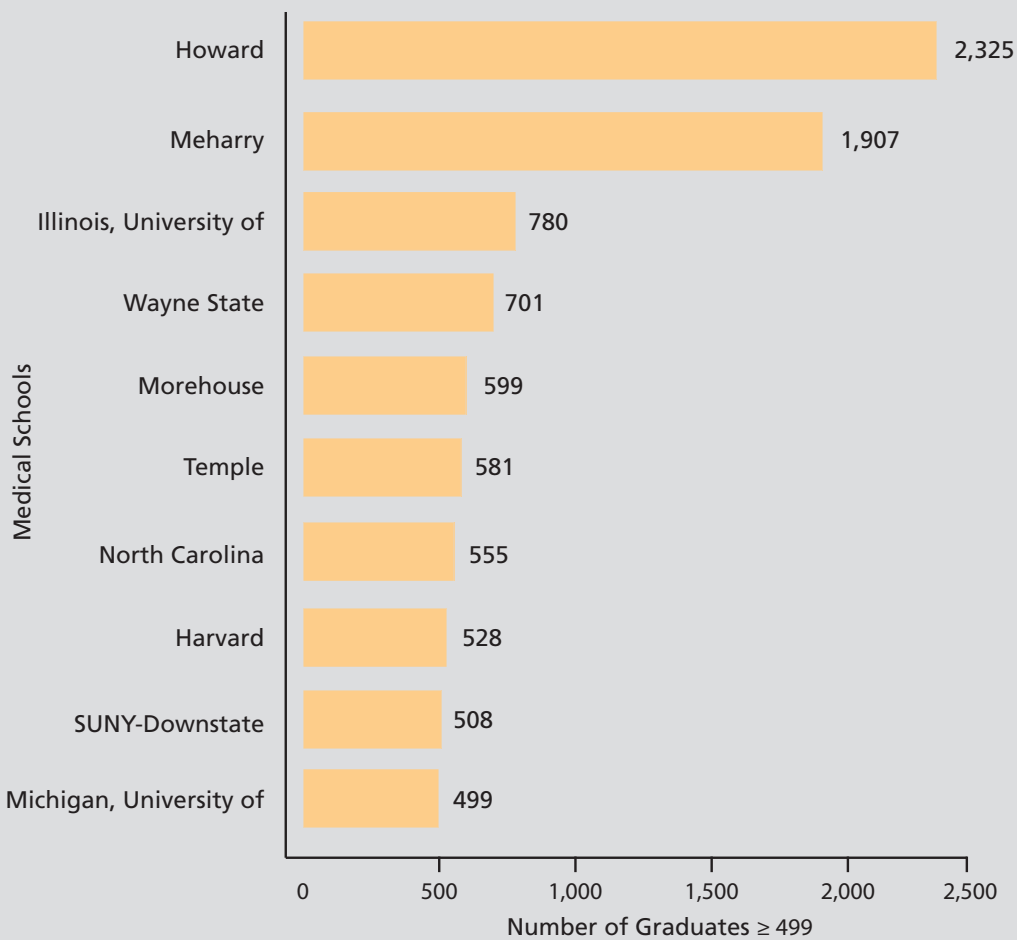
Figure 19: White U.S. MD Physicians by Graduation Year and Sex, 1978 - 2008



Note: The data include U.S. medical school graduates from 1978 to 2008 only. N = 353,287.
 Source: AAMC Data warehouse: Minority Physician Database, AMA_Masterfile_R, App_Bio_R, as of 11/30/2009.

Across the U.S. medical schools that graduated 499 or more Black or African-American physicians between 1978 and 2008, Howard, Meharry, and the University of Illinois graduated 2,325, 1,907, and 780, respectively. Harvard, SUNY-Downstate, and the University of Michigan graduated fewer than 550 Black or African-American physicians (see Figure 20).

Figure 20: U.S. Medical Schools Graduating 499 or More Black or African-American MD Physicians, 1978-2008

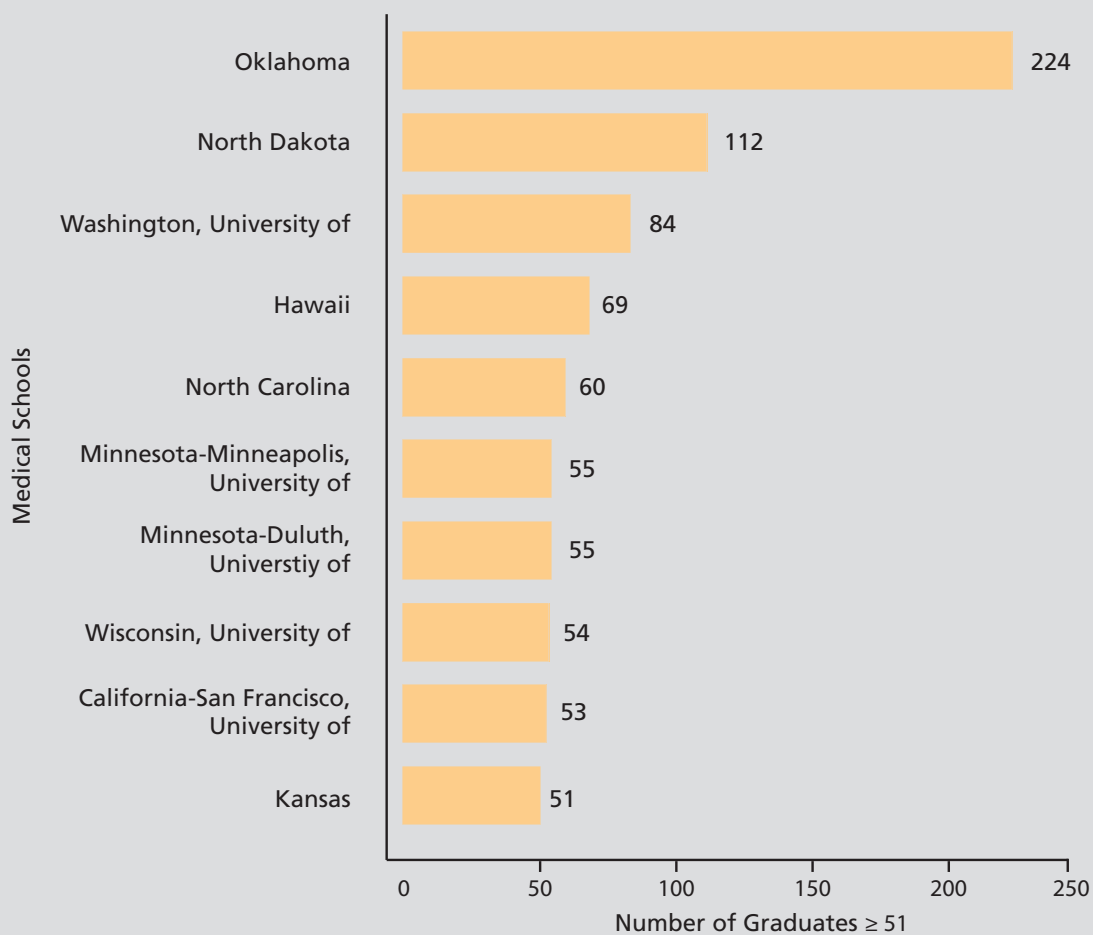


Note: The data include U.S. medical school graduates from 1978 to 2008 only.

Source: AAMC Data warehouse: Minority Physician Database, AMA_Masterfile_R, App_Bio_R, as of 11/30/2009.

Across the medical schools graduating 51 or more American-Indian/Alaska-Native physicians between 1978 and 2008, Oklahoma, North Dakota, and the University of Washington graduated 224, 112, and 84, respectively. In contrast, Kansas, University of California-San Francisco, and the University of Wisconsin graduated fewer than 60 American-Indian/Alaska-Native physicians (51, 53, and 54, respectively) (see Figure 21).

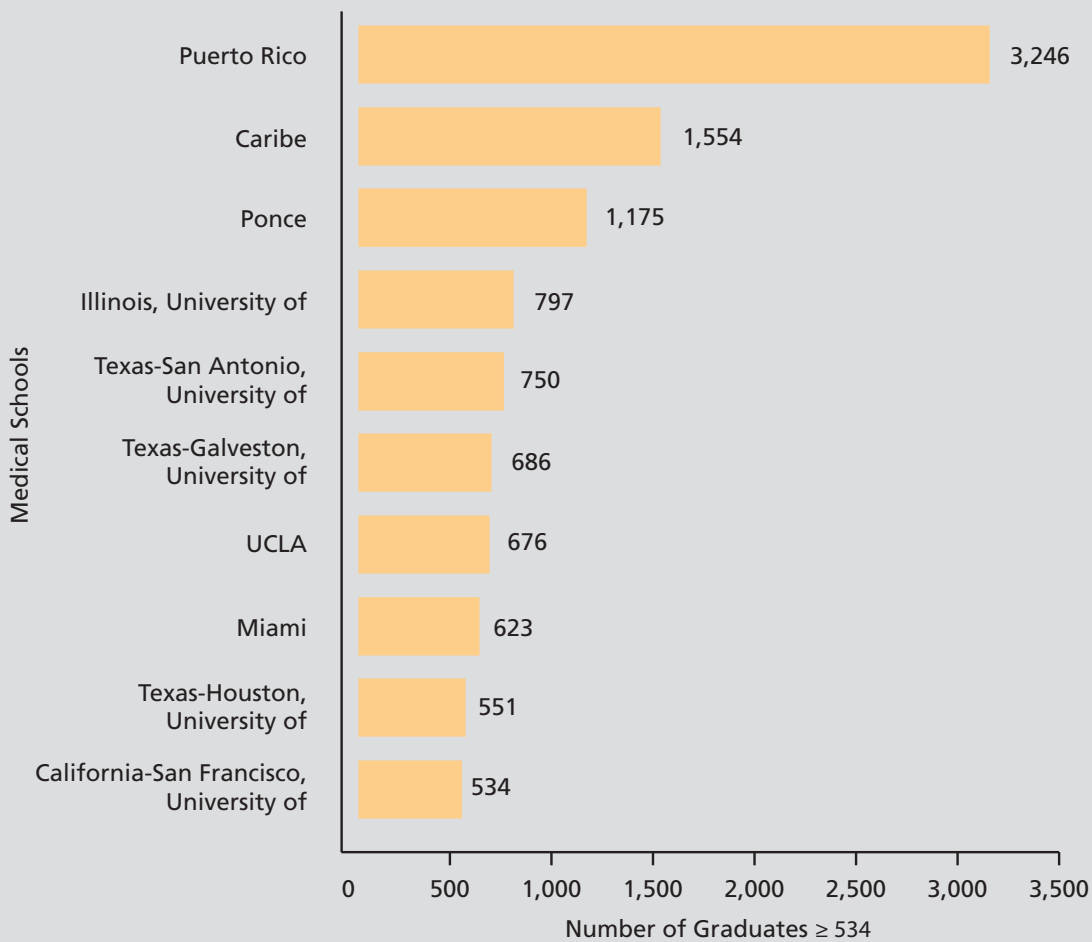
Figure 21: U.S. Medical Schools Graduating 51 or More American-Indian/Alaska-Native* MD Physicians, 1978-2008



Note: The data include U.S. medical school graduates from 1978 to 2008 only.
 * From 1997 to 2000, the category "American Indian/Alaska Native" also included Native Hawaiian.
 Prior to 1997 and since 2001, this category only includes American Indian/Alaska Native.
 Source: AAMC Data warehouse: Minority Physician Database, AMA_Masterfile_R, App_Bio_R, as of 11/30/2009.

Between 1978 and 2008, the three U.S. medical schools graduating 1,110 or more Hispanic or Latino physicians were located in Puerto Rico: Puerto Rico, Caribe, and Ponce. With the exception of the University of Illinois, the others (graduating 797 or fewer) were located in Texas, California, and Florida (see Figure 22).

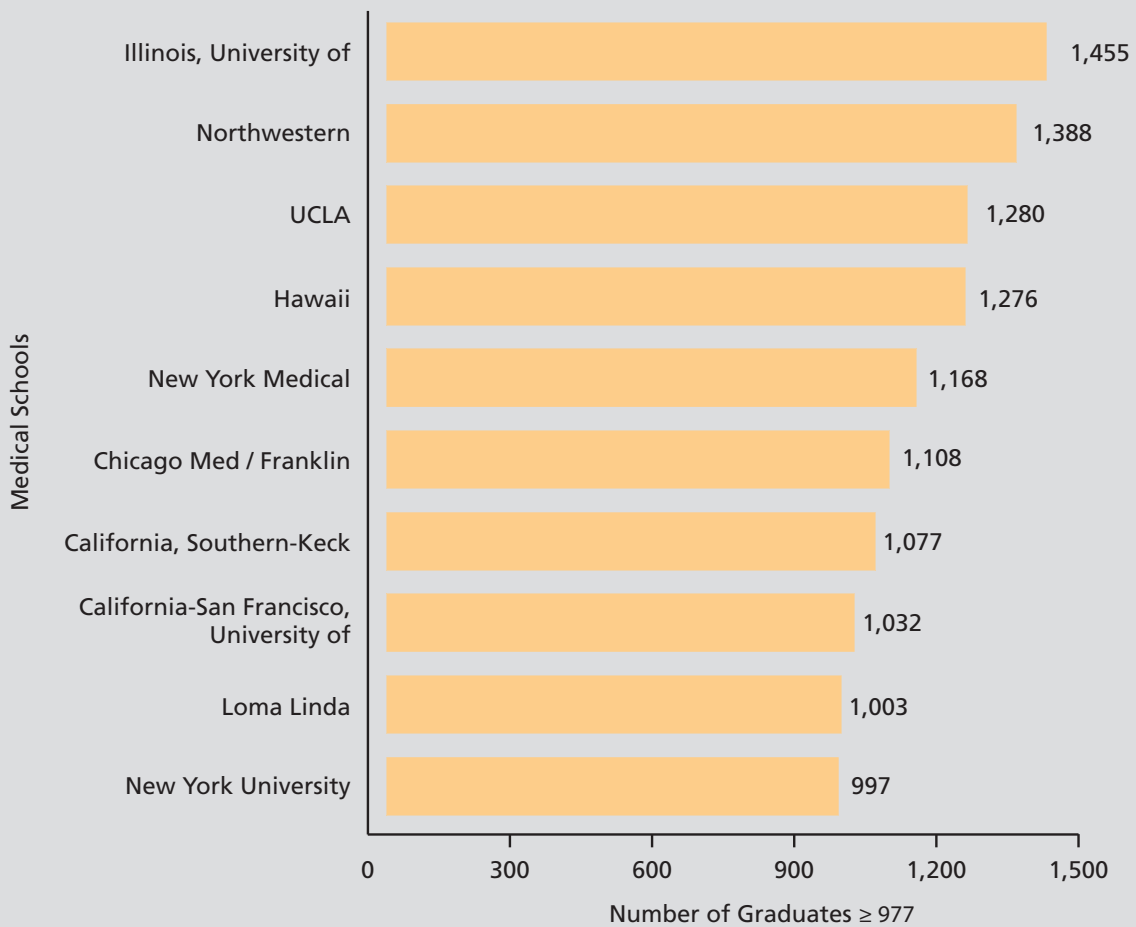
Figure 22: U.S. Medical Schools Graduating 534 or More Hispanic or Latino* MD Physicians, 1978-2008



Note: The data include U.S. medical school graduates from 1978 to 2008 only.
 *Hispanic or Latino includes Mexican American, C'Vealth Puerto Rican, Mainland Puerto Rican, and Other Hispanic.
 Source: AAMC Data warehouse: Minority Physician Database, AMA_Masterfile_R, App_Bio_R, as of 11/30/2009.

From 1978 to 2008, four medical schools graduated more than 1,200 Asian physicians: University of Illinois, Northwestern, UCLA, and Hawaii, graduating 1,455, 1,388, 1,280, and 1,276, respectively (see Figure 23).

Figure 23: U.S. Medical Schools Graduating 977 or More Asian* MD Physicians, 1978-2008



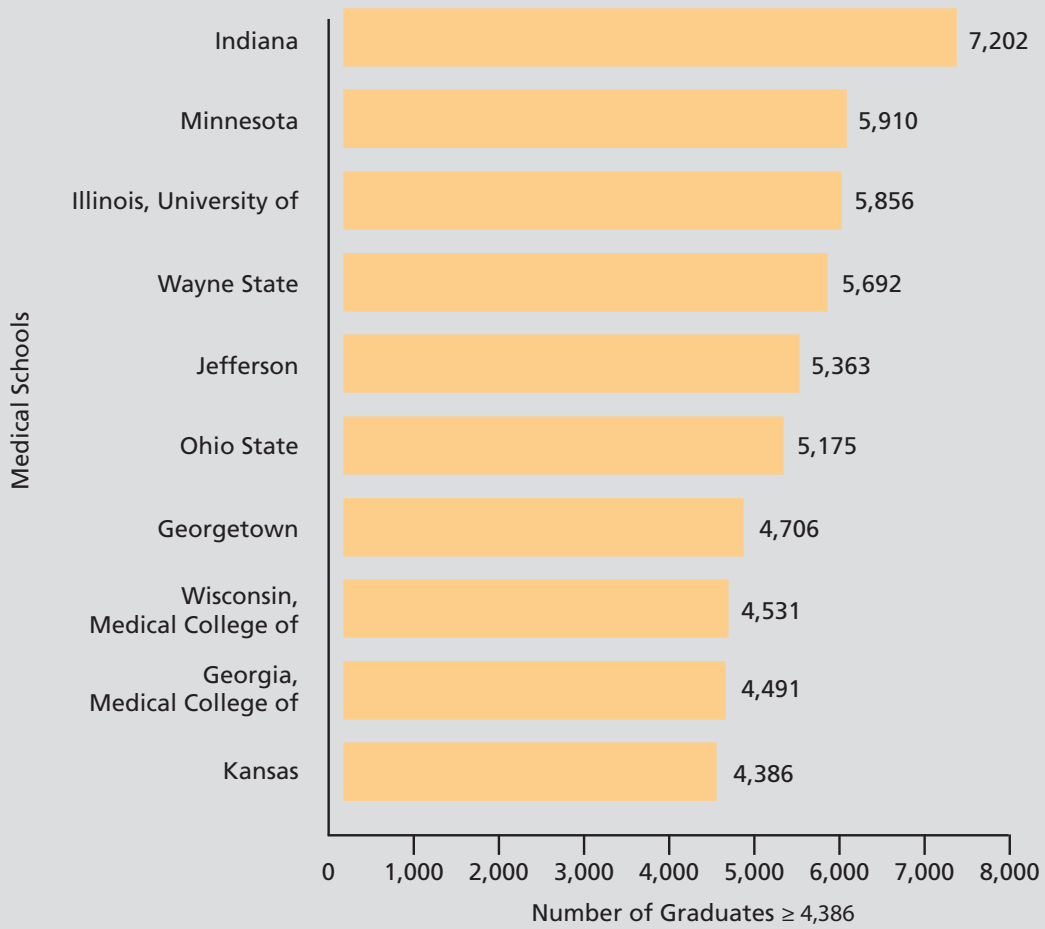
Note: The data include U.S. medical school graduates from 1978 to 2008 only.

*Asian includes Chinese, Filipino, Korean, Japanese, Vietnamese, Indian/Pakistani, and Other Asian.

Source: AAMC Data warehouse: Minority Physician Database, AMA_Masterfile_R, App_Bio_R, as of 11/30/2009.

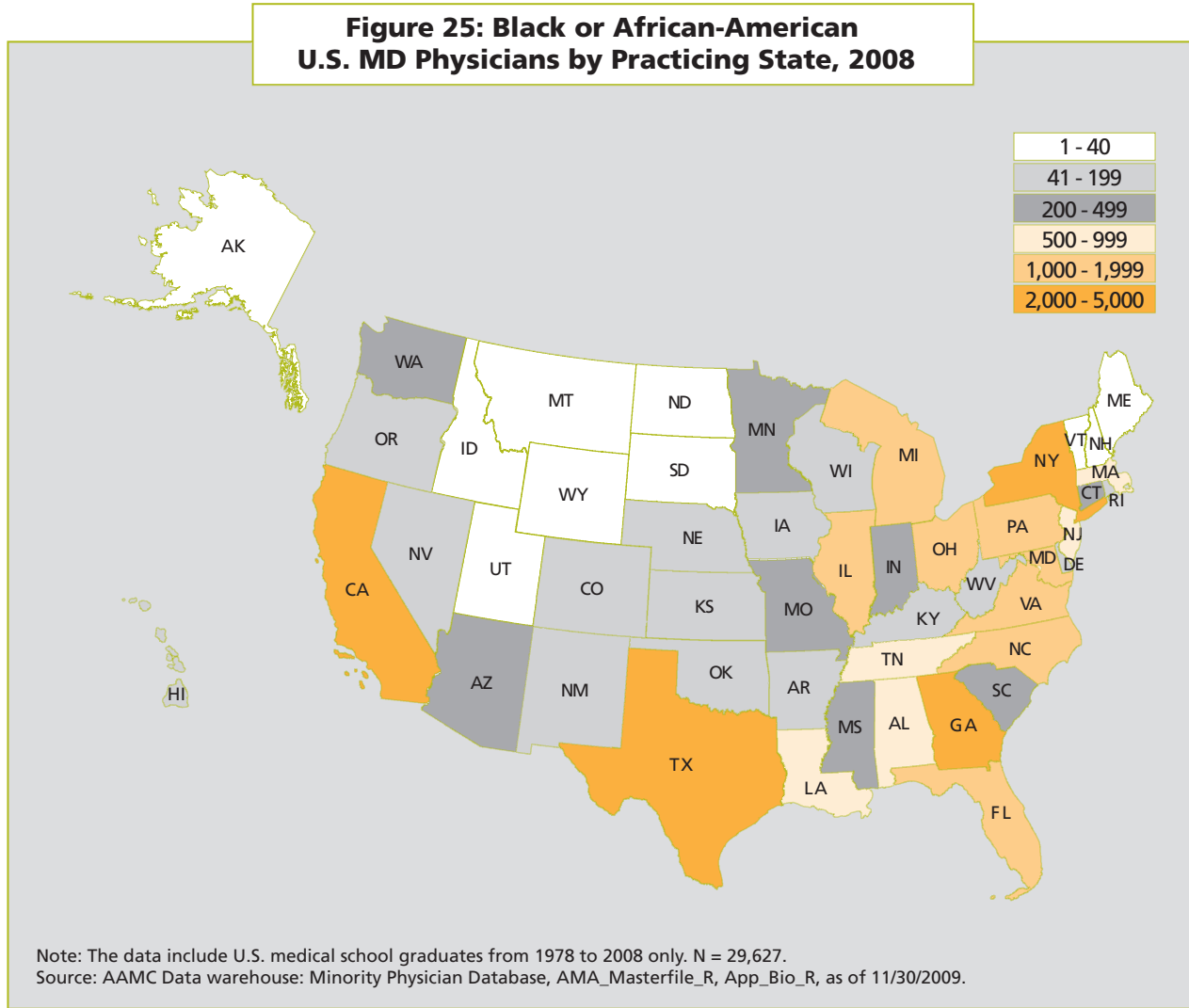
Across the medical schools graduating 4,386 or more White physicians, three graduated more than 5,700: Indiana (7,202), Minnesota (5,910), and the University of Illinois (5,856) (see Figure 24).

Figure 24: U.S. Medical Schools Graduating 4,386 or More White MD Physicians, 1978-2008

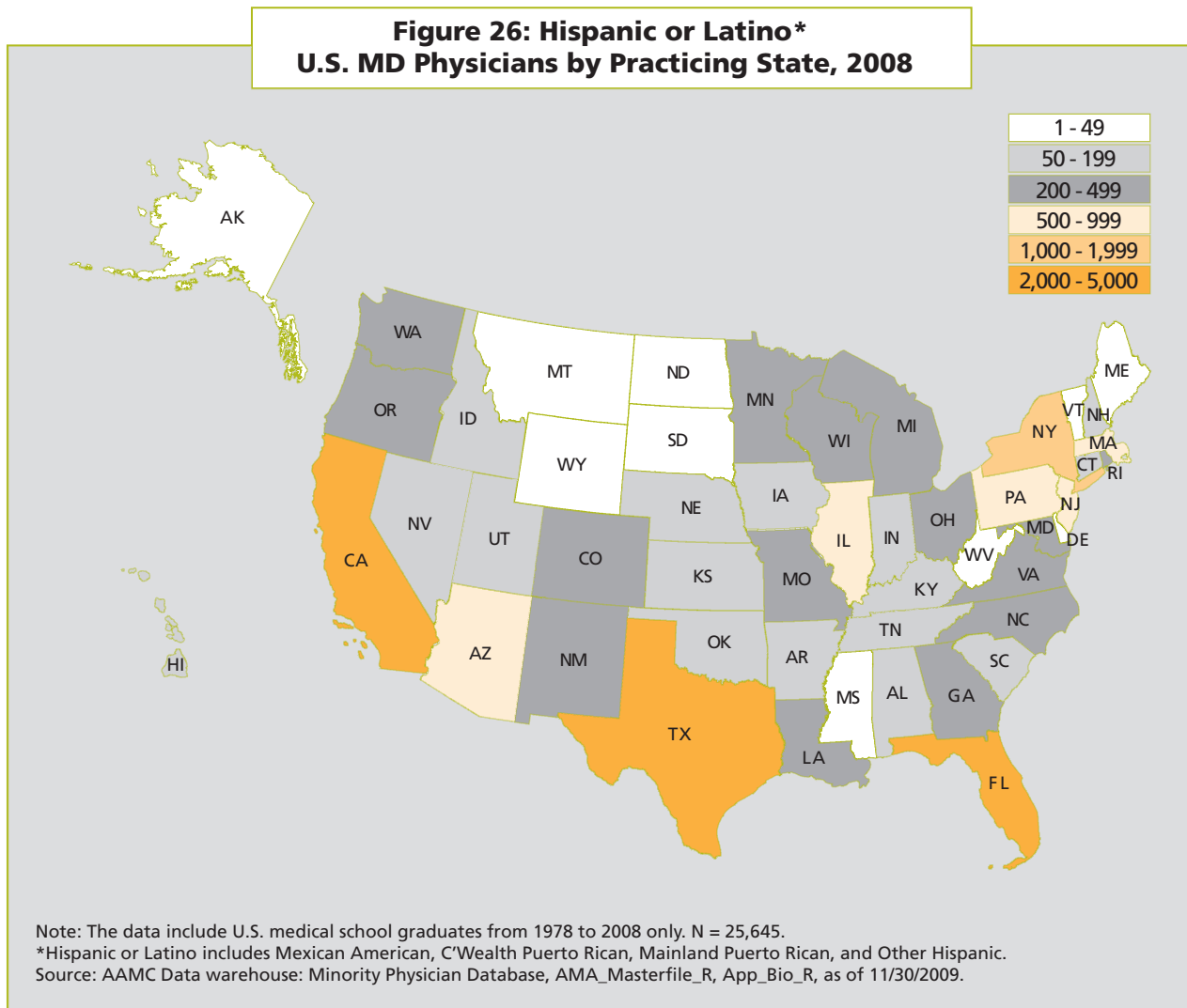


Note: The data include U.S. medical school graduates from 1978 to 2008 only.
Source: AAMC Data warehouse: Minority Physician Database, AMA_Masterfile_R, App_Bio_R, as of 11/30/2009.

Black or African-American physicians tend to practice in the northeastern and southern regions of the U.S., with the highest distribution in New York, Georgia, and Texas. California accounts for the largest number of Black or African-American physicians in the western region of the U.S. (see Figure 25).

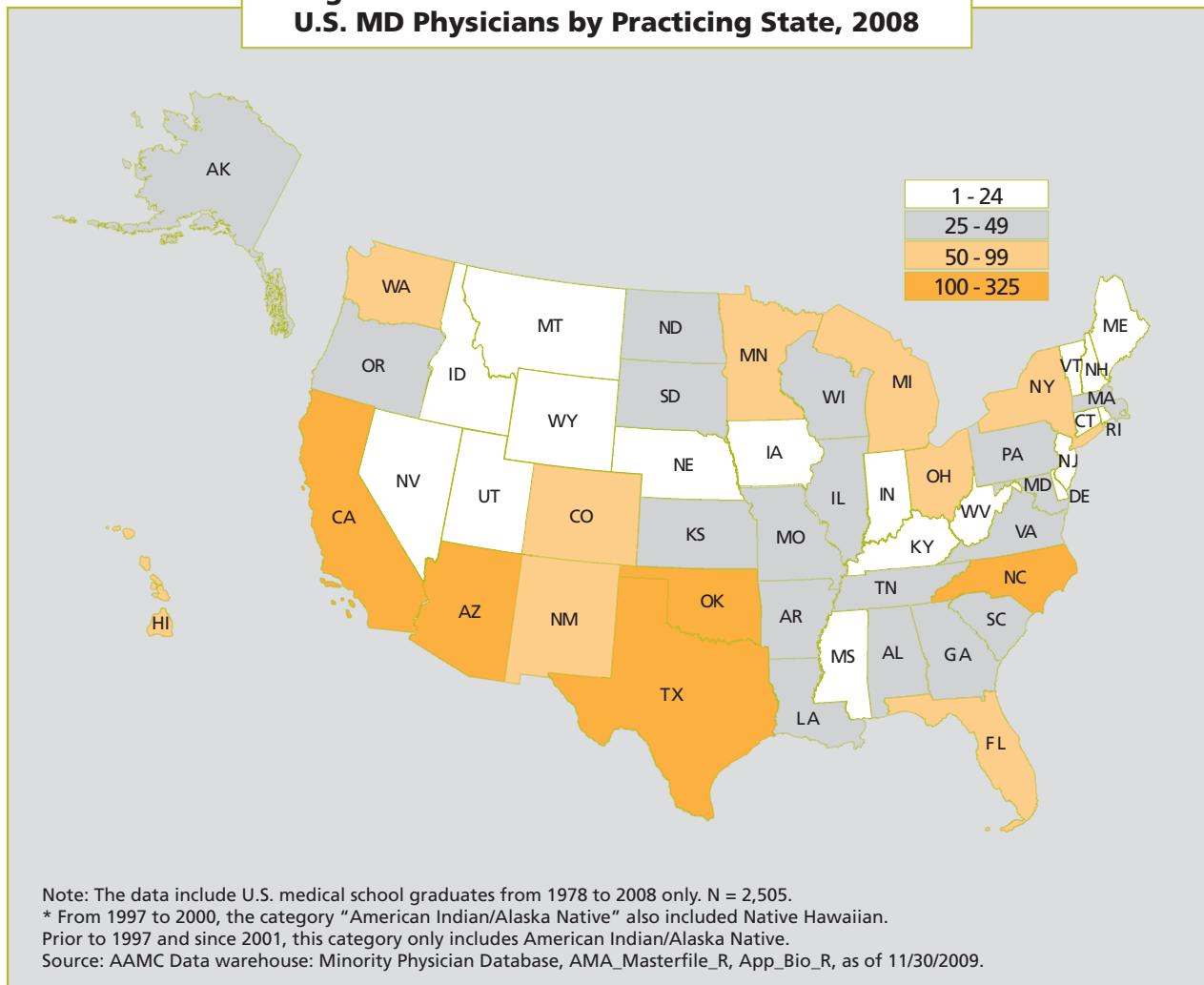


The highest distributions of Hispanic or Latino physicians—more than 2,000—practice in California, Texas, and Florida. The second highest distribution of Hispanic or Latino physicians is in New York (see Figure 26).



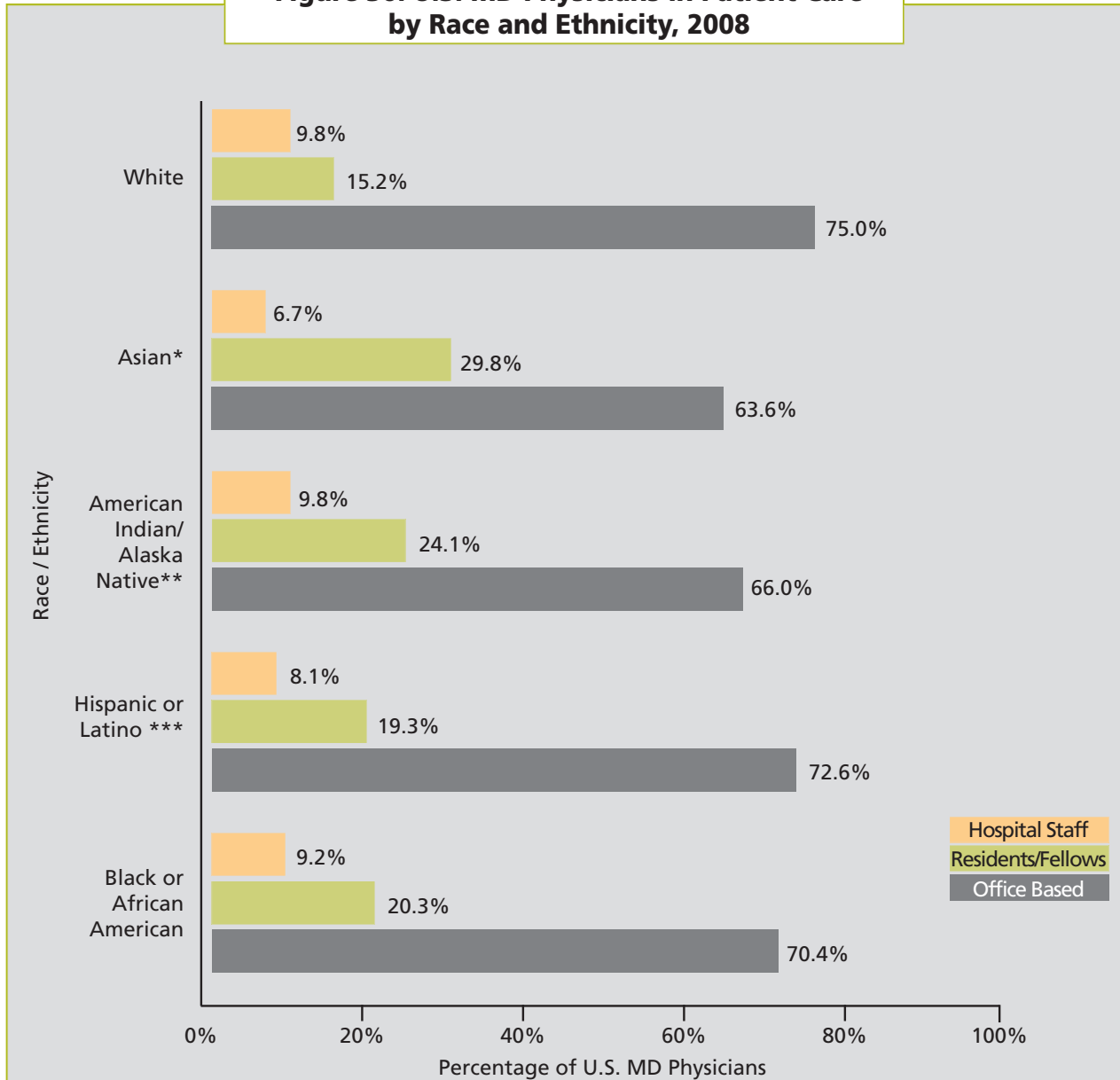
The highest distribution of American-Indian/Alaska-Native practicing physicians can be found in the Southwest (see Figure 27). North Carolina has one of the highest distributions of American-Indian/Alaska-Native practicing physicians in the East.

Figure 27: American-Indian/Alaska-Native* U.S. MD Physicians by Practicing State, 2008



Across all racial and ethnic groups, the majority of physicians graduating between 1978 and 2008 practiced in office-based patient care settings. In contrast, less than 10% of physicians across all racial and ethnic groups worked as hospital staff, with Asian and Hispanic or Latino physicians least represented (see Figure 30).

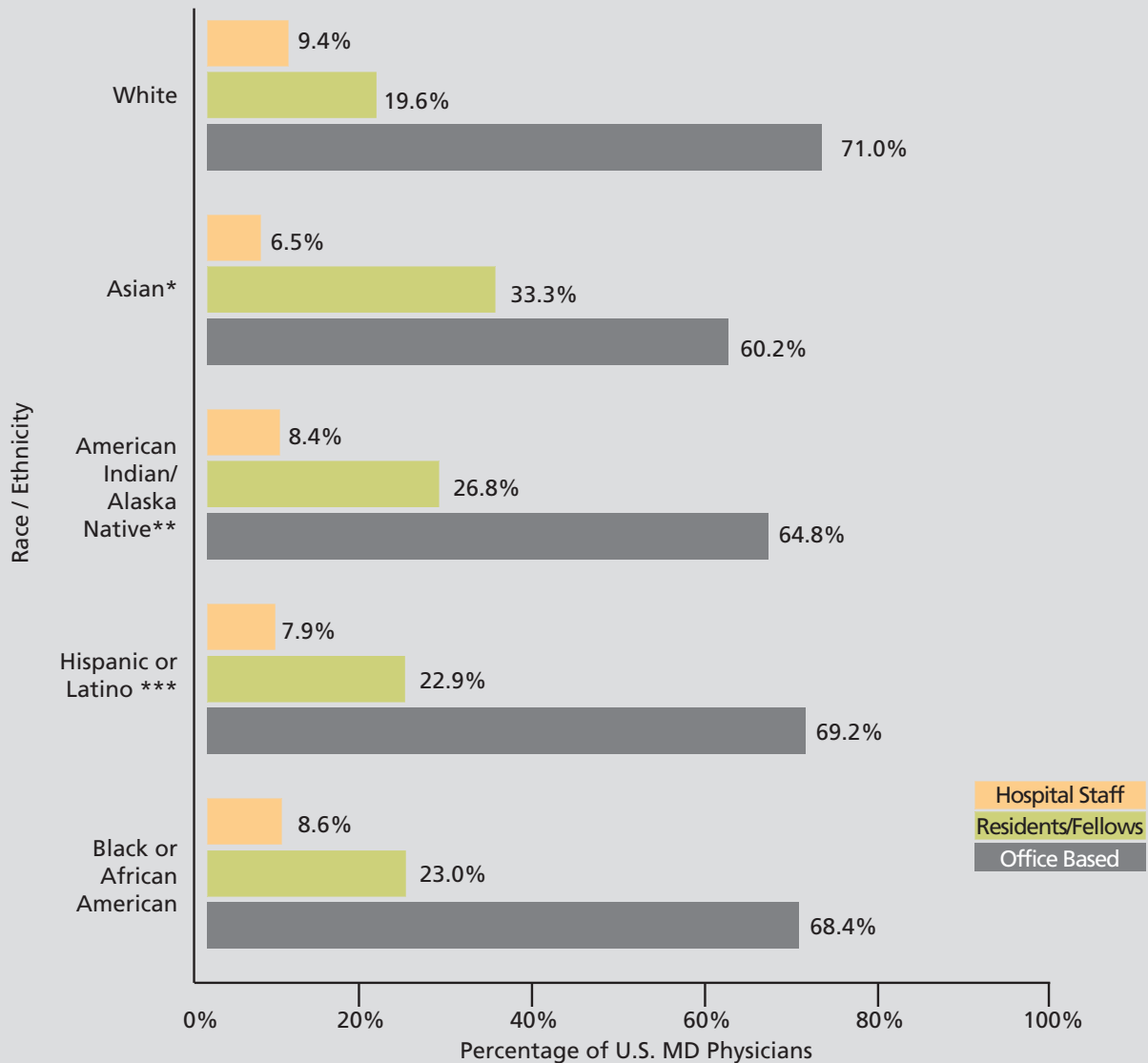
Figure 30: U.S. MD Physicians in Patient Care by Race and Ethnicity, 2008



Note: The data include U.S. medical school graduates from 1978 to 2008 only. N = 419,299.
 *Asian includes Chinese, Filipino, Korean, Japanese, Vietnamese, Indian/Pakistani, and Other Asian.
 ** From 1997 to 2000, the category "American Indian/Alaska Native" also included Native Hawaiian. Prior to 1997 and since 2001, this category only includes American Indian/Alaska Native.
 ***Hispanic or Latino includes Mexican American, C'wealth Puerto Rican, Mainland Puerto Rican, and Other Hispanic.
 Source: AAMC Data warehouse: Minority Physician Database, AMA_Masterfile_R, App_Bio_R, as of 11/30/2009.

In 2008, the smallest percentage of women physicians in patient care across all racial and ethnic groups worked as hospital staff. White (71%), Hispanic or Latino (69.2%), Black or African-American (68.4%), and American-Indian/Alaska-Native women physicians accounted for more than 64% of the patient care workforce within their respective racial and ethnic groups (see Figure 31).

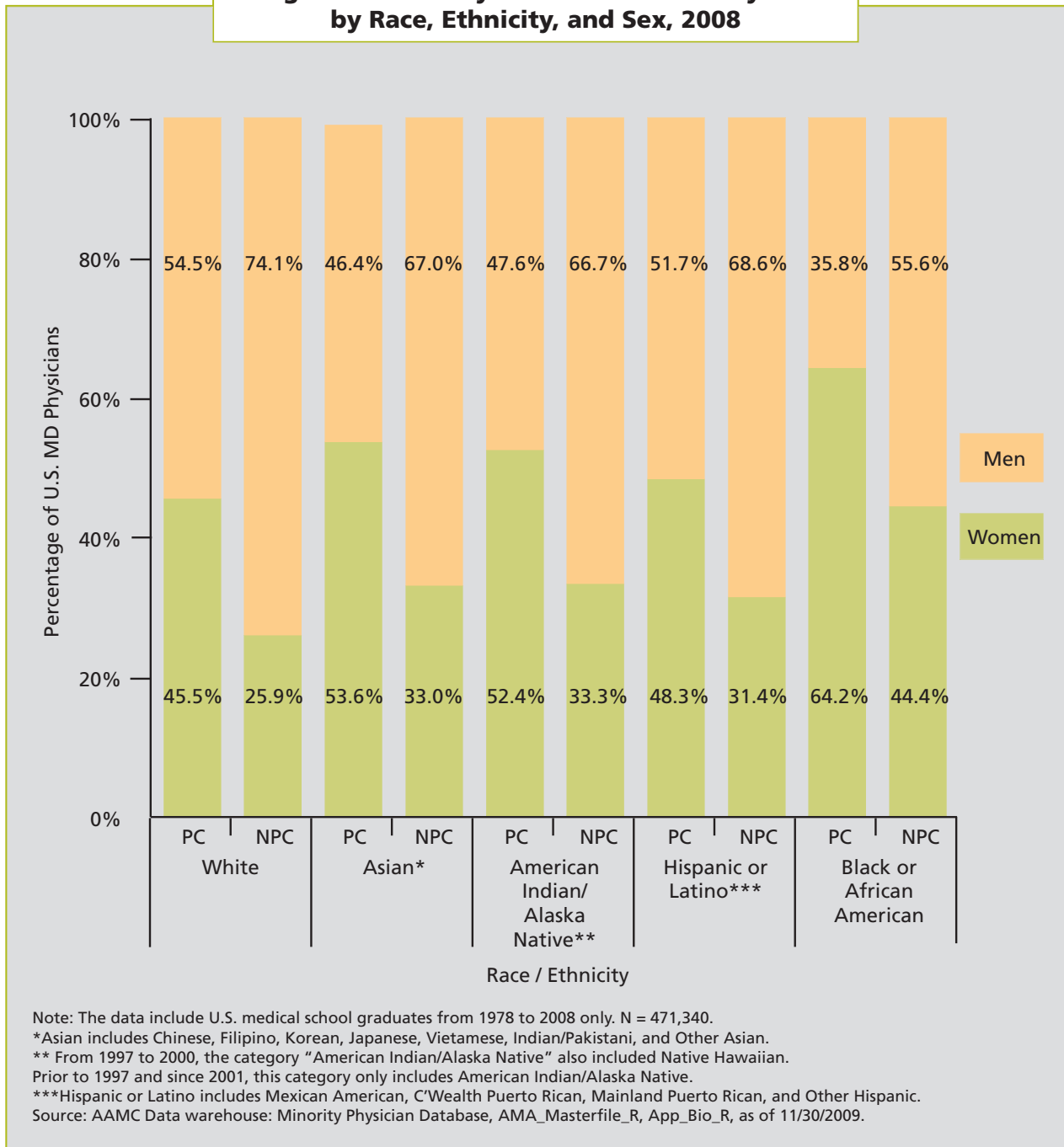
Figure 31: Women U.S. MD Physicians in Patient Care, 2008



Note: The data include U.S. medical school graduates from 1978 to 2008 only. N = 151,751.
 *Asian includes Chinese, Filipino, Korean, Japanese, Vietnamese, Indian/Pakistani, and Other Asian.
 ** From 1997 to 2000, the category "American Indian/Alaska Native" also included Native Hawaiian. Prior to 1997 and since 2001, this category only includes American Indian/Alaska Native.
 ***Hispanic or Latino includes Mexican American, C'wealth Puerto Rican, Mainland Puerto Rican, and Other Hispanic.
 Source: AAMC Data warehouse: Minority Physician Database, AMA_Masterfile_R, App_Bio_R, as of 11/30/2009.

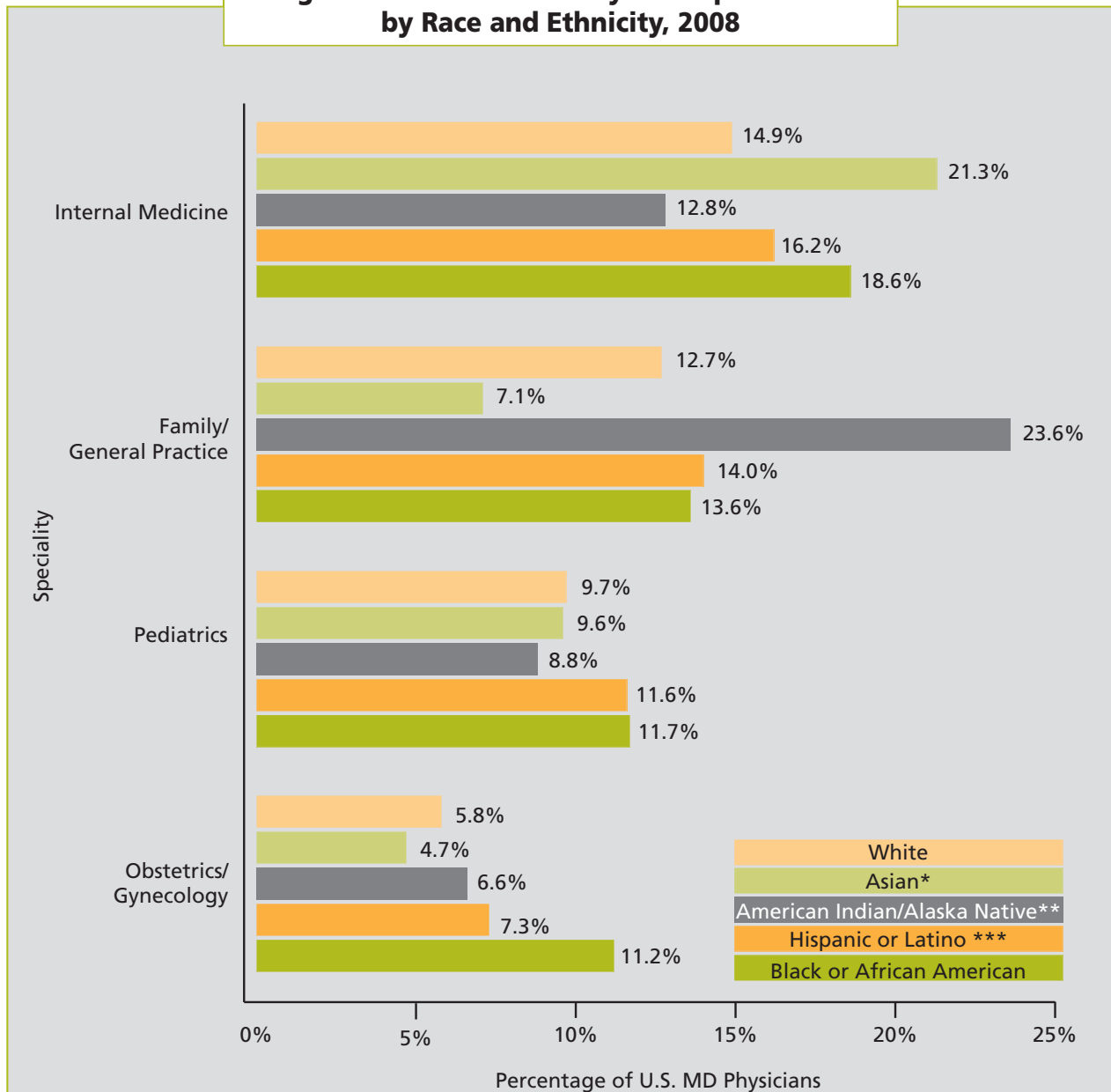
Within each racial and ethnic category of physicians who graduated between 1978 and 2008, compared to men, women comprised less than 50% of practicing physicians in non-primary care. (The percentages are 44.4%, 33.3%, 33.0%, 31.4%, and 25.9%, respectively, for Black or African-American, American-Indian/Alaska-Native, Asian, Hispanic or Latino, and White women physicians). Black or African-American (64.2%), Asian (53.6%), and American-Indian/Alaska-Native (52.4%) women physicians represented the highest percentages practicing in primary care compared to men within the same racial and ethnic categories (see Figure 32).

Figure 32: Primary Care vs. Non-Primary Care by Race, Ethnicity, and Sex, 2008



Compared with all other racial and ethnic groups, American-Indian/Alaska-Native physicians who graduated from medical school between 1978 and 2008 had the highest percentage of physicians specializing in family/general practice (23.6%). The principal specialty area for other groups was internal medicine: Asian (21.3%), Blacks or African Americans (18.6%), Hispanics or Latinos (16.2%), and Whites (14.9%) (see Figure 33).

Figure 33: U.S. MD Primary Care Specialties by Race and Ethnicity, 2008



Note: The data include U.S. medical school graduates from 1978 to 2008 only. N = 471,340.
 *Asian includes Chinese, Filipino, Korean, Japanese, Vietnamese, Indian/Pakistani, and Other Asian.
 ** From 1997 to 2000, the category "American Indian/Alaska Native" also included Native Hawaiian. Prior to 1997 and since 2001, this category only includes American Indian/Alaska Native.
 ***Hispanic or Latino includes Mexican American, C'Vealth Puerto Rican, Mainland Puerto Rican, and Other Hispanic.
 Source: AAMC Data warehouse: Minority Physician Database, AMA_Masterfile_R, App_Bio_R, as of 11/30/2009.

III. Trends among Physician Graduates from U.S. MD-Granting Medical Schools and Implications for Health Care

Several major findings emerge from the data presented in Section II:

- The overwhelming majority of all U.S. medical school MD graduates practicing medicine continue to be White, although they are the only racial and ethnic group to have experienced an overall decline in the past three decades. All other racial and ethnic groups have shown steady increases, and, collectively, have more than tripled their number of graduating physicians.
- Among racial and ethnic minority physicians, Asians continue to be the largest group.
- Not surprisingly, racial and ethnic diversity among graduating physicians is heavily influenced by geographical region. The top producers of Black or African-American physicians are historically black colleges and universities (HBCUs) located in racially diverse cities. Similarly, medical schools located in areas near American-Indian reservations, such as Oklahoma and North Dakota, produce the most American-Indian or Alaska-Native physicians, and medical schools in Puerto Rico graduate thousands of Hispanic or Latino physicians each year.
- The highest concentration of Hispanic or Latino physicians can be found in California and Texas, which also boast high Hispanic or Latino populations. Similarly, the highest concentration of American-Indian/Alaska-Native physicians practice in the Southwest, which has a large American-Indian/Alaska-Native population.
- Women continue to enter the physician workforce in greater numbers; however, men still outnumber women. Among Asian, Hispanic or Latino, American-Indian/Alaska-Native, and White physicians, women represent less than half. A notable exception to this trend is among Black or African-American physicians, where women now comprise more than half of this group.
- Among American-Indian/Alaska-Native physicians under the age of 34, the majority are female. However, the percentage of female physicians in this racial and ethnic group declines in the older cohorts. The lowest percentage is in the cohort of physicians age 55 and older. Similar findings are found among Black or African-American physicians, Asian physicians, and Hispanic or Latino physicians.

Implications for Health Care

Increasing diversity in medical schools and among physicians, as well as ensuring physicians are trained to be culturally competent have been cited as key strategies in addressing health care disparities. Section I mentioned some of the benefits of diversity both in medical education and the physician workforce, including enhanced access to care, higher levels of perceived patient satisfaction, and research studies devoted to problems disproportionately impacting underserved populations. While the

III. Trends among Physician Graduates from U.S. MD-Granting Medical Schools and Implications for Health Care continued

number of racial and ethnic minority physicians has increased gradually over the years, substantial increases have yet to be realized.

In addition to concerns regarding health care for racial and ethnic minorities, attention must be given to the effects of geographic location, sexual orientation, age, and other factors on health. We need physicians whose diverse backgrounds, experiences, and training can directly meet the medical requirements of the nation's diverse populations. We also need to collect and analyze a broader array of data to demonstrate the extent to which diversity—defined in an expansive way—among our medical students and physicians can make a difference.

IV. Detailed Tables

This section provides detailed tables on race and ethnicity, age, sex, professional activity, specialty, and geography of practice area for physicians graduating from U.S. MD-granting medical schools between 1978 and 2008. Additional data on patterns of medical education for racial and ethnic minorities from 1950 to 1977 are provided, as well. Also included are data from the U.S. Census Bureau's 2008 American Community Survey on the marital status, language spoken at home, world area of birth, and other nuances of the U.S. physician workforce. Characteristics of the broader health workforce are drawn from statehealthfacts.org, which compiles data from the Bureau of Labor Statistics, the American Medical Association, the American Dental Association, and the American Academy of Physician Assistants.

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Table 1a: Major Professional Activity by Race and Ethnicity, 2008

	Major Professional Activity	Asian	Black or African American	American Indian / Alaska Native	Hispanic/Latino	White	Total
Patient Care	Hospital Staff	3,476	2,403	218	1,855	31,067	39,019
	Residents/Fellows	15,518	5,289	535	4,397	48,114	73,853
	Office-Based	33,138	18,334	1,464	16,535	236,956	306,427
	Subtotal	52,132	26,026	2,217	22,787	316,137	419,299
Other Professional Activity	Administration	209	327	21	205	3,947	4,709
	Medical Teaching	291	207	14	192	3,663	4,367
	Other	157	89	5	69	1,384	1,704
	Research	539	191	9	161	4,712	5,612
	Subtotal	1,196	814	49	627	13,706	16,392
Not Classified	Inactive	393	435	45	282	5,795	6,950
	Not Classified	6,370	2,500	204	2,021	17,673	28,768
	Subtotal	6,763	2,935	249	2,303	23,468	35,718
	Total	60,091	29,775	2,515	25,717	353,311	471,409

Note: The data only include graduates from U.S. MD-granting medical schools from 1978 to 2008.

Source: AAMC Data Warehouse: Minority Physician Database, AMA_Masterfile_R, App_Bio_R, as of 11/30/2009.

Table 1b: Percentage of Major Professional Activity by Race and Ethnicity, 2008

	Major Professional Activity	Asian	Black or African American	American Indian / Alaska Native	Hispanic/Latino	White	Total
Patient Care	Hospital Staff	5.8%	8.1%	8.7%	7.2%	8.8%	8.3%
	Resident/Fellows	25.8%	17.8%	21.3%	17.1%	13.6%	15.7%
	Office-Based	55.1%	61.6%	58.2%	64.3%	67.1%	65.0%
	Subtotal	86.8%	87.4%	88.2%	88.6%	89.5%	88.9%
Other Professional Activity	Administration	0.3%	1.1%	0.8%	0.8%	1.1%	1.0%
	Medical Teaching	0.5%	0.7%	0.6%	0.7%	1.0%	0.9%
	Other	0.3%	0.3%	0.2%	0.3%	0.4%	0.4%
	Research	0.9%	0.6%	0.4%	0.6%	1.3%	1.2%
	Subtotal	2.0%	2.7%	1.9%	2.4%	3.9%	3.5%
Not Classified	Inactive	0.7%	1.5%	1.8%	1.1%	1.6%	1.5%
	Not Classified	10.6%	8.4%	8.1%	7.9%	5.0%	6.1%
	Subtotal	11.3%	9.9%	9.9%	9.0%	6.6%	7.6%
	Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Note: The data only include graduates from U.S. MD-granting medical schools from 1978 to 2008.

Source: AAMC Data Warehouse: Minority Physician Database, AMA_Masterfile_R, App_Bio_R, as of 11/30/2009.

Diversity in the Physician Workforce: Facts & Figures 2010

Table 2a: Major Professional Activity, Women by Race and Ethnicity, 2008

	Major Professional Activity	Asian	Black or African American	American Indian / Alaska Native	Hispanic/Latino	White	Total
Patient Care	Hospital Staff	1,392	1,239	79	701	10,021	13,432
	Residents/Fellows	7,164	3,297	253	2,023	20,760	33,497
	Office-Based	12,954	9,799	611	6,128	75,330	104,822
	Subtotal	21,510	14,335	943	8,852	106,111	151,751
Other Professional Activity	Administration	74	177	13	72	1,155	1,491
	Medical Teaching	117	113	2	73	1,390	1,695
	Other	75	58	2	35	548	718
	Research	197	104	5	68	1,398	1,772
	Subtotal	463	452	22	248	4,491	5,676
Not Classified	Inactive	225	226	18	152	2,803	3,424
	Not Classified	2,885	1,460	104	959	7,906	13,314
	Subtotal	3,110	1,686	122	1,111	10,709	16,738
	Total	25,083	16,473	1,087	10,211	121,311	174,165

Note: The data only include graduates from U.S. MD-granting medical schools from 1978 to 2008.

69 respondents did not provide their sex and are excluded from the figure above.

Source: AAMC Data Warehouse: Minority Physician Database, AMA_Masterfile_R, App_Bio_R, as of 11/30/2009.

Table 2b: Major Professional Activity, Men by Race and Ethnicity, 2008

	Major Professional Activity	Asian	Black or African American	American Indian / Alaska Native	Hispanic/Latino	White	Total
Patient Care	Hospital Staff	2,081	1,164	139	1,153	21,046	25,583
	Residents/Fellows	8,339	1,992	282	2,373	27,343	40,329
	Office-Based	20,175	8,534	853	10,404	161,619	201,585
	Subtotal	30,595	11,690	1,274	13,930	210,008	267,497
Other Professional Activity	Administration	135	150	8	133	2,792	3,218
	Medical Teaching	174	94	12	119	2,273	2,672
	Other	82	31	3	34	836	986
	Research	342	87	4	93	3,314	3,840
	Subtotal	733	362	27	379	9,215	10,716
Not Classified	Inactive	168	209	27	130	2,992	3,526
	Not Classified	3,476	1,040	100	1,059	9,761	15,436
	Subtotal	3,644	1,249	127	1,189	12,753	18,962
	Total	34,972	13,301	1,428	15,498	231,976	297,175

Note: The data only include graduates from U.S. MD-granting medical schools from 1978 to 2008.

69 respondents did not provide their sex and are excluded from the figure above.

Source: AAMC Data Warehouse: Minority Physician Database, AMA_Masterfile_R, App_Bio_R, as of 11/30/2009.

Table 3a: Major Professional Activity by Practice Specialty, Black or African-American U.S. MD Physicians, 2008

Practice Specialty	Major Professional Activity				Total
	Full-Time Hospital Staff	Residents/Fellows	Office-Based	Other Professional Activity	
Allergy/Immunology	6	10	45	1	62
Anesthesiology	183	291	1,025	21	1,520
Cardiology	36	102	341	11	490
Combined Residency	0	29	2	0	31
Dermatology	23	56	218	5	302
Emergency Medicine	227	242	872	29	1,370
Endocrinology/Diabetes	7	15	49	11	82
Family/General Practice	277	403	2,946	99	3,725
Geriatrics	36	50	318	27	431
Internal Medicine	486	870	3,449	216	5,021
Medical Genetics	0	1	2	2	5
Neurosurgery	10	53	83	1	147
Neurology	13	67	166	11	257
Obstetrics/Gynecology	202	475	2,368	44	3,089
Oncology (Cancer)	24	50	128	20	222
Ophthalmology	29	37	312	14	392
Orthopedics	31	164	389	3	587
Other	30	347	123	24	524
Otolaryngology	17	45	140	2	204
Pathology	29	104	174	24	331
Pediatrics	295	636	2,149	102	3,182
Physical Medicine & Rehab	32	93	304	6	435
Plastic Surgery	2	27	121	1	151
Preventative Medicine	29	24	202	55	310
Psychiatry	152	359	915	46	1,472
Radiology	76	151	511	12	750
Surgery	131	547	785	23	1,486
Urology	20	41	197	4	262
Total	2,403	5,289	18,334	814	26,840

Note: The data only include graduates from U.S. MD-granting medical schools from 1978 to 2008.

The categories of "Inactive" and "Not Classified" were excluded.

Source: AAMC Data Warehouse: Minority Physician Database, AMA_Masterfile_R, App_Bio_R, as of 11/30/2009.

Table 3b: Major Professional Activity by Practice Specialty, Hispanic or Latino U.S. MD Physicians, 2008

Practice Specialty	Major Professional Activity				Total
	Full-Time Hospital Staff	Residents/Fellows	Office-Based	Other Professional Activity	
Allergy/Immunology	5	14	55	2	76
Anesthesiology	121	248	956	18	1,343
Cardiology	37	92	453	9	591
Combined Residency	2	18	0	0	20
Dermatology	24	63	230	1	318
Emergency Medicine	188	238	797	20	1,243
Endocrinology/Diabetes	8	19	86	12	125
Family/General Practice	209	361	2,717	87	3,374
Geriatrics	30	67	410	11	518
Internal Medicine	312	733	2,618	140	3,803
Medical Genetics	0	4	7	1	12
Neurosurgery	3	38	96	1	138
Neurology	30	67	243	16	356
Obstetrics/Gynecology	93	253	1,390	33	1,769
Oncology (Cancer)	29	49	178	14	270
Ophthalmology	22	49	358	6	435
Orthopedics	21	147	363	2	533
Other	27	224	233	22	506
Otolaryngology	20	56	164	0	240
Pathology	37	120	240	26	423
Pediatrics	234	493	1,920	83	2,730
Physical Medicine & Rehab	31	49	308	7	395
Plastic Surgery	10	41	180	1	232
Preventative Medicine	17	4	74	33	128
Psychiatry	132	256	761	49	1,198
Radiology	101	208	703	19	1,031
Surgery	102	447	796	11	1,356
Urology	10	39	199	3	251
Total	1,855	4,397	16,535	627	23,414

Note: The data only include graduates from U.S. MD-granting medical schools from 1978 to 2008.

The categories of "Inactive" and "Not Classified" were excluded.

Source: AAMC Data Warehouse: Minority Physician Database, AMA_Masterfile_R, App_Bio_R, as of 11/30/2009.

**Table 3c: Major Professional Activity by Practice Specialty, American-Indian/
Alaska-Native U.S. MD Physicians, 2008**

Practice Specialty	Major Professional Activity				Total
	Full-Time Hospital Staff	Residents/ Fellows	Office- Based	Other Professional Activity	
Allergy/Immunology	0	0	7	0	7
Anesthesiology	12	36	86	2	136
Cardiology	0	8	24	0	32
Combined Residency	0	5	0	1	6
Dermatology	0	8	22	0	30
Emergency Medicine	28	22	93	2	145
Endocrinology/Diabetes	0	0	8	0	8
Family/General Practice	70	77	388	11	546
Geriatrics	2	3	19	0	24
Internal Medicine	37	70	176	9	292
Neurosurgery	0	5	6	0	11
Neurology	0	5	11	0	16
Obstetrics/Gynecology	8	32	105	2	147
Oncology (Cancer)	3	3	8	0	14
Ophthalmology	0	3	18	0	21
Orthopedics	2	29	54	1	86
Other	1	28	16	5	50
Otolaryngology	0	11	12	0	23
Pathology	1	13	11	0	25
Pediatrics	21	45	132	4	202
Physical Medicine & Rehab	0	5	30	0	35
Plastic Surgery	1	5	11	0	17
Preventative Medicine	4	2	8	5	19
Psychiatry	9	29	69	6	113
Radiology	6	25	58	1	90
Surgery	13	62	78	0	153
Urology	0	4	14	0	18
Total	218	535	1,464	49	2,266

Note: The data only include graduates from U.S. MD-granting medical schools from 1978 to 2008.

The categories of "Inactive" and "Not Classified" were excluded.

Source: AAMC Data Warehouse: Minority Physician Database, AMA_Masterfile_R, App_Bio_R, as of 11/30/2009.

Table 3d: Major Professional Activity by Practice Specialty, Asian U.S. MD Physicians, 2008

Practice Specialty	Major Professional Activity				Total
	Full-Time Hospital Staff	Residents/Fellows	Office-Based	Other Professional Activity	
Allergy/Immunology	22	82	258	14	376
Anesthesiology	227	846	2,041	32	3,146
Cardiology	103	648	1,336	38	2,125
Combined Residency	0	48	5	2	55
Dermatology	45	202	643	17	907
Emergency Medicine	263	551	1,378	32	2,224
Endocrinology/Diabetes	20	103	227	14	364
Family/General Practice	248	487	3,145	77	3,957
Geriatrics	76	282	905	39	1,302
Internal Medicine	732	3,586	6,810	355	11,483
Medical Genetics	2	8	9	4	23
Neurosurgery	29	198	254	4	485
Neurology	63	296	449	44	852
Obstetrics/Gynecology	159	447	1,942	33	2,581
Oncology (Cancer)	60	319	543	58	980
Ophthalmology	88	377	1,424	21	1,910
Orthopedics	54	468	776	8	1,306
Other	44	832	251	41	1,168
Otolaryngology	55	274	636	9	974
Pathology	45	299	370	44	758
Pediatrics	354	1,388	3,219	118	5,079
Physical Medicine & Rehab	56	237	563	7	863
Plastic Surgery	22	135	402	3	562
Preventative Medicine	38	30	135	47	250
Psychiatry	136	545	930	46	1,657
Radiology	291	1,354	2,336	42	4,023
Surgery	206	1,296	1,645	39	3,186
Urology	38	180	506	8	732
Total	3,476	15,518	33,138	1,196	53,328

Note: The data only include graduates from U.S. MD-granting medical schools from 1978 to 2008.

The categories of "Inactive" and "Not Classified" were excluded.

Source: AAMC Data Warehouse: Minority Physician Database, AMA_Masterfile_R, App_Bio_R, as of 11/30/2009.

Table 3e: Major Professional Activity by Practice Specialty, White U.S. MD Physicians, 2008

Practice Specialty	Major Professional Activity				Total
	Full-Time Hospital Staff	Residents/Fellows	Office-Based	Other Professional Activity	
Allergy/Immunology	90	129	1,137	95	1,451
Anesthesiology	1,972	2,501	14,371	376	19,220
Cardiology	753	1,210	7,536	344	9,843
Combined Residency	5	235	33	1	274
Dermatology	298	746	4,648	81	5,773
Emergency Medicine	3,362	2,869	11,918	527	18,676
Endocrinology/Diabetes	153	185	1,170	224	1,732
Family/General Practice	3,416	3,026	34,694	1,615	42,751
Geriatrics	485	540	4,513	312	5,850
Internal Medicine	4,798	7,384	33,777	3,160	49,119
Medical Genetics	50	35	104	52	241
Neurosurgery	211	515	1,893	27	2,646
Neurology	518	790	3,844	424	5,576
Obstetrics/Gynecology	1,215	2,245	15,421	403	19,284
Oncology (Cancer)	569	733	3,272	412	4,986
Ophthalmology	420	683	7,648	126	8,877
Orthopedics	791	2,751	10,474	116	14,132
Other	367	2,412	1,438	542	4,759
Otolaryngology	298	878	4,076	59	5,311
Pathology	938	1,323	4,555	744	7,560
Pediatrics	3,015	5,486	21,761	1,345	31,607
Physical Medicine & Rehab	377	454	2,603	129	3,563
Plastic Surgery	143	439	2,827	30	3,439
Preventative Medicine	432	139	1,263	786	2,620
Psychiatry	2,279	2,139	11,054	1,038	16,510
Radiology	2,106	3,257	13,841	394	19,598
Surgery	1,744	4,393	13,194	287	19,618
Urology	262	617	3,891	57	4,827
Total	31,067	48,114	236,956	13,706	329,843

Note: The data only include graduates from U.S. MD-granting medical schools from 1978 to 2008.

The categories of "Inactive" and "Not Classified" were excluded.

Source: AAMC Data Warehouse: Minority Physician Database, AMA_Masterfile_R, App_Bio_R, as of 11/30/2009.

Table 4a: Major Professional Activity by Primary Care vs. Non-Primary Care, Black or African American U.S. MD Physicians, 2008

Practice Specialty	Major Professional Activity				Total
	Full-Time Hospital Staff	Residents / Fellows	Office-Based	Other Professional Activity	
Primary Care	#	1,260	2,384	10,912	15,017
	%	52.4	45.1	59.5	56.0
Family/General Practice	#	277	403	2,946	3,725
	%	11.5	7.6	16.1	13.9
Internal Medicine	#	486	870	3,449	5,021
	%	20.2	16.4	18.8	18.7
Obstetrics/Gynecology	#	202	475	2,368	3,089
	%	8.4	9.0	12.9	11.5
Pediatrics	#	295	636	2,149	3,182
	%	12.3	12.0	11.7	11.9
Non-Primary Care	#	1,143	2,905	7,422	11,823
	%	47.6	54.9	40.5	44.0
Total	#	2,403	5,289	18,334	26,840

Note: The data only include graduates from U.S. MD-granting medical schools from 1978 to 2008.

The categories of "Inactive" and "Not Classified" were excluded.

Source: AAMC Data Warehouse: Minority Physician Database, AMA_Masterfile_R, App_Bio_R, as of 11/30/2009.

Table 4b: Major Professional Activity by Primary Care vs. Non-Primary Care, Hispanic or Latino U.S. MD Physicians, 2008

Practice Specialty	Major Professional Activity				Total
	Full-Time Hospital Staff	Residents / Fellows	Office-Based	Other Professional Activity	
Primary Care	#	848	1,840	8,645	11,676
	%	45.7	41.8	52.3	49.9
Family/General Practice	#	209	361	2,717	3,374
	%	11.3	8.2	16.4	14.4
Internal Medicine	#	312	733	2,618	3,803
	%	16.8	16.7	15.8	16.2
Obstetrics/Gynecology	#	93	253	1,390	1,769
	%	5.0	5.8	8.4	7.6
Pediatrics	#	234	493	1,920	2,730
	%	12.6	11.2	11.6	11.7
Non-Primary Care	#	1,007	2,557	7,890	11,738
	%	54.3	58.2	47.7	50.1
Total	#	1,855	4,397	16,535	23,414

Note: The data only include graduates from U.S. MD-granting medical schools from 1978 to 2008.

The categories of "Inactive" and "Not Classified" were excluded.

Source: AAMC Data Warehouse: Minority Physician Database, AMA_Masterfile_R, App_Bio_R, as of 11/30/2009.

Diversity in the Physician Workforce: Facts & Figures 2010

Table 4c: Major Professional Activity by Primary Care vs. Non-Primary Care, American-Indian/Alaska-Native U.S. MD Physicians, 2008

Practice Specialty	Major Professional Activity				Total	
	Full-Time Hospital Staff	Residents / Fellows	Office-Based	Other Professional Activity		
Primary Care	#	136	224	801	26	1,187
	%	62.4	41.9	54.7	53.1	52.4
Family/General Practice	#	70	77	388	11	546
	%	32.1	14.4	26.5	22.4	24.1
Internal Medicine	#	37	70	176	9	292
	%	17	13.1	12	18.4	12.9
Obstetrics/Gynecology	#	8	32	105	2	147
	%	3.7	6.0	7.2	4.1	6.5
Pediatrics	#	21	45	132	4	202
	%	9.6	8.4	9.0	8.2	8.9
Non-Primary Care	#	82	311	663	23	1,079
	%	37.6	58.1	45.3	46.9	47.6
Total	#	218	535	1,464	49	2,266

Note: The data only include graduates from U.S. MD-granting medical schools from 1978 to 2008. The categories of "Inactive" and "Not Classified" were excluded.

Source: AAMC Data Warehouse: Minority Physician Database, AMA_Masterfile_R, App_Bio_R, as of 11/30/2009.

Table 4d: Major Professional Activity by Primary Care vs. Non-Primary Care, Asian U.S. MD Physicians, 2008

Practice Specialty	Major Professional Activity				Total	
	Full-Time Hospital Staff	Residents / Fellows	Office-Based	Other Professional Activity		
Primary Care	#	1,493	5,908	15,116	583	23,100
	%	43.0	38.1	45.6	48.7	43.3
Family/General Practice	#	248	487	3,145	77	3,957
	%	7.1	3.1	9.5	6.4	7.4
Internal Medicine	#	732	3,586	6,810	355	11,483
	%	21.1	23.1	20.6	29.7	21.5
Obstetrics/Gynecology	#	159	447	1,942	33	2,581
	%	4.6	2.9	5.9	2.8	4.8
Pediatrics	#	354	1,388	3,219	118	5,079
	%	10.2	8.9	9.7	9.9	9.5
Non-Primary Care	#	1,983	9,610	18,022	613	30,228
	%	57.0	61.9	54.4	51.3	56.7
Total	#	3,476	15,518	33,138	1,196	53,328

Note: The data only include graduates from U.S. MD-granting medical schools from 1978 to 2008. The categories of "Inactive" and "Not Classified" were excluded.

Source: AAMC Data Warehouse: Minority Physician Database, AMA_Masterfile_R, App_Bio_R, as of 11/30/2009.

Table 4e: Major Professional Activity by Primary Care vs. Non-Primary Care, White U.S. MD Physicians, 2008

Practice Specialty	Major Professional Activity				Total
	Full-Time Hospital Staff	Residents / Fellows	Office-Based	Other Professional Activity	
Primary Care	#	12,444	18,141	105,653	142,761
	%	40.1	37.3	44.6	43.3
Family/General Practice	#	3,416	3,026	34,694	42,751
	%	11	6.3	14.6	13
Internal Medicine	#	4,798	7,384	33,777	49,119
	%	15.4	15.3	14.3	14.9
Obstetrics/ Gynecology	#	1,215	2,245	15,421	19,284
	%	3.9	4.7	6.5	5.8
Pediatrics	#	3,015	5,486	21,761	31,607
	%	9.7	11.4	9.2	9.6
Non-Primary Care	#	18,623	29,973	131,303	187,082
	%	59.9	62.3	55.4	56.7
Total	#	31,067	48,114	236,956	329,843

Note: The data only include graduates from U.S. MD-granting medical schools from 1978 to 2008.

The categories of "Inactive" and "Not Classified" were excluded.

Source: AAMC Data Warehouse: Minority Physician Database, AMA_Masterfile_R, App_Bio_R, as of 11/30/2009.

Diversity in the Physician Workforce: **Facts & Figures 2010**

Table 5a: Major Professional Activity by Graduation Year, Black or African-American U.S. MD Physicians, 2008

Major Professional Activity	1978-82		1983-87		1988-92		1993-97		1998-02		2003-08		Total	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%
Office-Based	2,768	15.1	3,141	17.1	3,529	19.2	4,194	22.9	3,827	20.9	875	4.8	18,334	100.0
Hospital Staff	529	22.0	528	22.0	448	18.6	460	19.1	378	15.7	60	2.5	2,403	100.0
Residents/Fellows	2	0.0	3	0.1	3	0.1	32	0.6	328	6.2	4,921	93.0	5,289	100.0
Medical Teaching	69	33.3	51	24.6	27	13.0	29	14.0	27	13.0	4	1.9	207	100.0
Research	76	39.8	30	15.7	32	16.8	24	12.6	24	12.6	5	2.6	191	100.0
Administration	155	47.4	104	31.8	34	10.4	25	7.6	7	2.1	2	0.6	327	100.0
Other	23	25.8	29	32.6	15	16.9	10	11.2	11	12.4	1	1.1	89	100.0
Not Classified	30	1.2	51	2.0	80	3.2	292	11.7	1,173	46.9	874	35.0	2,500	100.0
Inactive	187	43.0	127	29.2	59	13.6	40	9.2	17	3.9	5	1.1	435	100.0
Total	3,839	12.9	4,064	13.6	4,227	14.2	5,106	17.1	5,792	19.5	6,747	22.7	29,775	100.0

Note: The data only include graduates from U.S. MD-granting medical schools from 1978 to 2008.
 Source: AAMC Data Warehouse: Minority Physician Database, AMA_Masterfile_R, App_Bio_R, as of 11/30/2009.

Table 5b: Major Professional Activity by Graduation Year, Hispanic or Latino U.S. MD Physicians, 2008

Major Professional Activity	1978-82		1983-87		1988-92		1993-97		1998-02		2003-08		Total	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%
Office-Based	1,689	10.2	3,138	19.0	3,616	21.9	3,944	23.9	3,391	20.5	757	4.6	16,535	100.0
Hospital Staff	269	14.5	421	22.7	407	21.9	374	20.2	333	18.0	51	2.7	1,855	100.0
Residents/Fellows	2	0.0	5	0.1	3	0.1	27	0.6	304	6.9	4,056	92.2	4,397	100.0
Medical Teaching	39	20.3	69	35.9	31	16.1	27	14.1	20	10.4	6	3.1	192	100.0
Research	35	21.7	46	28.6	37	23.0	22	13.7	19	11.8	2	1.2	161	100.0
Administration	76	37.1	71	34.6	37	18.0	18	8.8	3	1.5	0	0.0	205	100.0
Other	13	18.8	15	21.7	18	26.1	12	17.4	10	14.5	1	1.4	69	100.0
Not Classified	7	0.3	12	0.6	46	2.3	167	8.3	1,031	51.0	758	37.5	2,021	100.0
Inactive	95	33.7	94	33.3	53	18.8	25	8.9	15	5.3	0	0.0	282	100.0
Total	2,225	8.7	3,871	15.1	4,248	16.5	4,616	17.9	5,126	19.9	5,631	21.9	25,717	100.0

Note: The data only include graduates from U.S. MD-granting medical schools from 1978 to 2008.
 Source: AAMC Data Warehouse: Minority Physician Database, AMA_Masterfile_R, App_Bio_R, as of 11/30/2009.

Diversity in the Physician Workforce: Facts & Figures 2010

Table 5c: Major Professional Activity by Graduation Year, American-Indian/Alaska-Native U.S. MD Physicians, 2008

Major Professional Activity	1978-82		1983-87		1988-92		1993-97		1998-02		2003-08		Total	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%
Office-Based	138	9.4	197	13.5	228	15.6	333	22.7	448	30.6	120	8.2	1,464	100.0
Hospital Staff	32	14.7	47	21.6	29	13.3	53	24.3	47	21.6	10	4.6	218	100.0
Residents/Fellows	0	0.0	0	0.0	4	0.7	4	0.7	26	4.9	501	93.6	535	100.0
Medical Teaching	6	42.9	3	21.4	0	0.0	2	14.3	3	21.4	0	0.0	14	100.0
Research	0	0.0	3	33.3	2	22.2	0	0.0	4	44.4	0	0.0	9	100.0
Administration	8	38.1	6	28.6	1	4.8	3	14.3	3	14.3	0	0.0	21	100.0
Other	2	40.0	0	0.0	0	0.0	2	40.0	1	20.0	0	0.0	5	100.0
Not Classified	2	1.0	2	1.0	0	0.0	17	8.3	104	51.0	79	38.7	204	100.0
Inactive	16	35.6	8	17.8	10	22.2	7	15.6	3	6.7	1	2.2	45	100.0
Total	204	8.1	266	10.6	274	10.9	421	16.7	639	25.4	711	28.3	2,515	100.0

Note: The data only include graduates from U.S. MD-granting medical schools from 1978 to 2008.
 Source: AAMC Data Warehouse: Minority Physician Database, AMA_Masterfile_R, App_Bio_R, as of 11/30/2009.

Table 5d: Major Professional Activity by Graduation Year, Asian U.S. MD Physicians, 2008

Major Professional Activity	1978-82		1983-87		1988-92		1993-97		1998-02		2003-08		Total	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%
Office-Based	1,859	5.6	3,145	9.5	6,237	18.8	10,616	32.0	9,321	28.1	1,960	5.9	33,138	100.0
Hospital Staff	247	7.1	405	11.7	806	23.2	1,018	29.3	869	25.0	131	3.8	3,476	100.0
Residents/Fellows	0	0.0	2	0.0	12	0.1	44	0.3	1,103	7.1	14,357	92.5	15,518	100.0
Medical Teaching	47	16.2	55	18.9	52	17.9	60	20.6	68	23.4	9	3.1	291	100.0
Research	87	16.1	114	21.2	101	18.7	139	25.8	84	15.6	14	2.6	539	100.0
Administration	47	22.5	42	20.1	53	25.4	40	19.1	22	10.5	5	2.4	209	100.0
Other	17	10.8	33	21.0	23	14.6	44	28.0	31	19.7	9	5.7	157	100.0
Not Classified	6	0.1	18	0.3	75	1.2	384	6.0	3,642	57.2	2,245	35.2	6,370	100.0
Inactive	71	18.1	76	19.3	92	23.4	89	22.6	54	13.7	11	2.8	393	100.0
Total	2,381	4.0	3,890	6.5	7,451	12.4	12,434	20.7	15,194	25.3	18,741	31.2	60,091	100.0

Note: The data only include graduates from U.S. MD-granting medical schools from 1978 to 2008.
 Source: AAMC Data Warehouse: Minority Physician Database, AMA_Masterfile_R, App_Bio_R, as of 11/30/2009.

Table 5e: Major Professional Activity by Graduation Year, White U.S. MD Physicians, 2008

Major Professional Activity	1978-82		1983-87		1988-92		1993-97		1998-02		2003-08		Total	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%
Office-Based	44,772	18.9	52,817	22.3	49,812	21.0	46,226	19.5	34,956	14.8	8,373	3.5	236,956	100.0
Hospital Staff	6,455	20.8	7,185	23.1	6,871	22.1	5,906	19.0	4,057	13.1	593	1.9	31,067	100.0
Residents/Fellows	24	0.0	54	0.1	99	0.2	267	0.6	2,825	5.9	44,845	93.2	48,114	100.0
Medical Teaching	1,295	35.4	1,112	30.4	596	16.3	358	9.8	268	7.3	34	0.9	3,663	100.0
Research	1,868	39.6	1,381	29.3	716	15.2	422	9.0	292	6.2	33	0.7	4,712	100.0
Administration	1,847	46.8	1,255	31.8	507	12.8	210	5.3	92	2.3	36	0.9	3,947	100.0
Other	491	35.5	384	27.7	248	17.9	157	11.3	97	7.0	7	0.5	1,384	100.0
Not Classified	154	0.9	250	1.4	515	2.9	1,366	7.7	9,106	51.5	6,282	35.5	17,673	100.0
Inactive	2,418	41.7	1,720	29.7	978	16.9	527	9.1	136	2.3	16	0.3	5,795	100.0
Total	59,324	16.8	66,158	18.7	60,342	17.1	55,439	15.7	51,829	14.7	60,219	17.0	353,311	100.0

Note: The data only include graduates from U.S. MD-granting medical schools from 1978 to 2008.

Source: AAMC Data Warehouse: Minority Physician Database, AMA_Masterfile_R, App_Bio_R, as of 11/30/2009.

Table 6: Major Professional Activity by Race, Ethnicity and Age, 2008

Race/ Ethnicity	Age	Patient Care			Other Professional Activity				Other		Total
		Hospital Staff	Residents/ Fellows	Office- Based	Admin.	Medical Teaching	Other	Research	Inactive	Not Classified	
Asian	34 & Younger	288	13,727	3,593	7	20	14	19	24	3,081	20,773
	35-44	1,875	1,733	19,407	67	130	76	229	150	3,112	26,779
	45-54	1,094	55	8,396	97	106	51	231	158	164	10,352
	55 & Older	218	2	1,741	38	35	16	60	60	13	2,183
	Total	3,475	15,517	33,137	209	291	157	539	392	6,370	60,087
Black or African American	34 & Younger	102	4,365	1,206	0	8	1	8	6	901	6,597
	35-44	724	850	7,121	27	50	20	48	59	1,219	10,118
	45-54	1,055	71	7,241	164	89	46	73	177	318	9,234
	55 & Older	522	3	2,766	136	60	22	62	193	62	3,826
	Total	2,403	5,289	18,334	327	207	89	191	435	2,500	29,775
American Indian/ Alaska Native	34 & Younger	8	417	101	0	1	0	1	0	56	584
	35-44	75	103	633	4	4	1	3	7	121	951
	45-54	88	13	532	9	2	2	3	18	23	690
	55 & Older	47	2	198	8	7	2	2	20	4	290
	Total	218	535	1,464	21	14	5	9	45	204	2,515
Hispanic/ Latino	34 & Younger	91	3,622	937	0	7	0	4	2	836	5,499
	35-44	644	726	7,003	19	44	26	41	41	1,039	9,583
	45-54	903	46	7,079	133	103	30	96	155	130	8,675
	55 & Older	217	3	1,515	53	38	13	20	84	16	1,959
	Total	1,855	4,397	16,534	205	192	69	161	282	2,021	25,716
White	34 & Younger	933	40,121	11,042	34	69	15	36	26	6,678	58,954
	35-44	9,310	7,348	76,655	305	585	228	652	655	9,216	104,954
	45-54	14,620	583	107,553	2,012	1,887	668	2,415	2,757	1,470	133,965
	55 & Older	6,203	61	41,701	1,595	1,122	473	1,609	2,355	309	55,428
	Total	31,066	48,113	236,951	3,946	3,663	1,384	4,712	5,793	17,673	353,301

Note: The data only include graduates from U.S. MD-granting medical schools from 1978 to 2008.

Source: AAMC Data Warehouse: Minority Physician Database, AMA_Masterfile_R, App_Bio_R, as of 11/30/2009.

Table 7a: Major Professional Activity, Women by Race, Ethnicity, and Age, 2008

Race/ Ethnicity	Major Professional Activity	34 & Younger		35-44		45-54		55 & Older		Total	
		#	%	#	%	#	%	#	%	#	%
Asian	Hospital Staff	153	11.0	772	55.5	392	28.2	75	5.4	1,392	100.0
	Residents/Fellows	6,517	91.0	619	8.6	27	0.4	1	0.0	7,164	100.0
	Office-Based	1,792	13.8	7,982	61.6	2,698	20.8	481	3.7	12,953	100.0
	Other	30	6.5	231	49.9	153	33.0	49	10.6	463	100.0
	Inactive	22	9.8	92	41.1	82	36.6	28	12.5	224	100.0
	Not Classified	1576	54.6	1238	42.9	66	2.3	5	0.2	2885	100.0
	Total	10,090	40.2	10,934	43.6	3,418	13.6	639	2.5	25,081	100.0
Black or African American	Hospital Staff	74	6.0	452	36.5	511	41.2	202	16.3	1,239	100.0
	Residents/Fellows	2,832	85.9	430	13.0	35	1.1	0	0.0	3,297	100.0
	Office-Based	837	8.5	4,419	45.1	3,492	35.6	1,051	10.7	9,799	100.0
	Other	16	3.5	93	20.6	216	47.8	127	28.1	452	100.0
	Inactive	6	2.7	47	20.8	97	42.9	76	33.6	226	100.0
	Not Classified	621	42.5	659	45.1	151	10.3	29	2.0	1460	100.0
	Total	4,386	26.6	6,100	37.0	4,502	27.3	1,485	9.0	16,473	100.0
American Indian / Alaska Native	Hospital Staff	6	7.6	33	41.8	30	38.0	10	12.7	79	100.0
	Residents/Fellows	207	81.8	37	14.6	7	2.8	2	0.8	253	100.0
	Office-Based	53	8.7	286	46.8	212	34.7	60	9.8	611	100.0
	Other	2	9.1	4	18.2	10	45.5	6	27.3	22	100.0
	Inactive	0	0.0	3	16.7	8	44.4	7	38.9	18	100.0
	Not Classified	33	31.7	54	51.9	16	15.4	1	1.0	104	100.0
	Total	301	27.7	417	38.4	283	26.0	86	7.9	1,087	100.0
Hispanic / Latino	Hospital Staff	52	7.4	274	39.1	307	43.8	68	9.7	701	100.0
	Residents/Fellows	1,751	86.6	259	12.8	12	0.6	1	0.0	2,023	100.0
	Office-Based	505	8.2	2,886	47.1	2,330	38.0	406	6.6	6,127	100.0
	Other	8	3.2	65	26.2	143	57.7	32	12.9	248	100.0
	Inactive	2	1.3	28	18.4	84	55.3	38	25.0	152	100.0
	Not Classified	429	44.7	472	49.2	53	5.5	5	0.5	959	100.0
	Total	2,747	26.9	3,984	39.0	2,929	28.7	550	5.4	10,210	100.0
White	Hospital Staff	463	4.6	3,374	33.7	4,404	43.9	1,780	17.8	10,021	100.0
	Residents/Fellows	17,919	86.3	2,531	12.2	276	1.3	33	0.2	20,759	100.0
	Office-Based	5,420	7.2	28,543	37.9	30,437	40.4	10,927	14.5	75,327	100.0
	Other	77	1.7	797	17.8	2,207	49.2	1,409	31.4	4,490	100.0
	Inactive	20	0.7	391	14.0	1,348	48.1	1,043	37.2	2,802	100.0
	Not Classified	3471	43.9	3723	47.1	582	7.4	130	1.6	7906	100.0
	Total	27,370	22.6	39,359	32.4	39,254	32.4	15,322	12.6	121,305	100.0

Note: The data only include graduates from U.S. MD-granting medical schools from 1978 to 2008.

Source: AAMC Data Warehouse: Minority Physician Database, AMA_Masterfile_R, App_Bio_R, as of 11/30/2009.

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Table 7b: Major Professional Activity, Men by Race, Ethnicity, and Age, 2008

Race/ Ethnicity	Major Professional Activity	34 & Younger		35-44		45-54		55 & Older		Total	
		#	%	#	%	#	%	#	%	#	%
Asian	Hospital Staff	135	6.5	1,101	52.9	702	33.7	143	6.9	2,081	100.0
	Residents/Fellows	7,199	86.3	1,110	13.3	28	0.3	1	0.0	8,338	100.0
	Office-Based	1,797	8.9	11,420	56.6	5,698	28.2	1,260	6.2	20,175	100.0
	Other	30	4.1	271	37.0	332	45.3	100	13.6	733	100.0
	Inactive	2	1.2	58	34.5	76	45.2	32	19.0	168	100.0
	Not Classified	1504	43.3	1866	53.7	98	2.8	8	0.2	3476	100.0
	Total	10,667	30.5	15,826	45.3	6,934	19.8	1,544	4.4	34,971	100.0
Black or African American	Hospital Staff	28	2.4	272	23.4	544	46.7	320	27.5	1,164	100.0
	Residents/Fellows	1,533	77.0	420	21.1	36	1.8	3	0.2	1,992	100.0
	Office-Based	368	4.3	2,702	31.7	3,749	43.9	1,715	20.1	8,534	100.0
	Other	1	0.3	52	14.4	156	43.1	153	42.3	362	100.0
	Inactive	0	0.0	12	5.7	80	38.3	117	56.0	209	100.0
	Not Classified	280	26.9	560	53.8	167	16.1	33	3.2	1040	100.0
	Total	2,210	16.6	4,018	30.2	4,732	35.6	2,341	17.6	13,301	100.0
American Indian / Alaska Native	Hospital Staff	2	1.4	42	30.2	58	41.7	37	26.6	139	100.0
	Residents/Fellows	210	74.5	66	23.4	6	2.1	0	0.0	282	100.0
	Office-Based	48	5.6	347	40.7	320	37.5	138	16.2	853	100.0
	Other	0	0.0	8	29.6	6	22.2	13	48.1	27	100.0
	Inactive	0	0.0	4	14.8	10	37.0	13	48.1	27	100.0
	Not Classified	23	23.0	67	67.0	7	7.0	3	3.0	100	100.0
	Total	283	19.8	534	37.4	407	28.5	204	14.3	1,428	100.0
Hispanic / Latino	Hospital Staff	38	3.3	370	32.1	596	51.7	149	12.9	1,153	100.0
	Residents/Fellows	1,870	78.8	467	19.7	34	1.4	2	0.1	2,373	100.0
	Office-Based	432	4.2	4,114	39.5	4,749	45.6	1,109	10.7	10,404	100.0
	Other	3	0.8	65	17.2	219	57.8	92	24.3	379	100.0
	Inactive	0	0.0	13	10.0	71	54.6	46	35.4	130	100.0
	Not Classified	406	38.3	566	53.4	76	7.2	11	1.0	1059	100.0
	Total	2,749	17.7	5,595	36.1	5,745	37.1	1,409	9.1	15,498	100.0
White	Hospital Staff	470	2.2	5,936	28.2	10,216	48.5	4,423	21.0	21,045	100.0
	Residents/Fellows	22,195	81.2	4,813	17.6	307	1.1	28	0.1	27,343	100.0
	Office-Based	5,622	3.5	48,105	29.8	77,116	47.7	30,774	19.0	161,617	100.0
	Other	77	0.8	973	10.6	4,775	51.8	3,390	36.8	9,215	100.0
	Inactive	6	0.2	264	8.8	1,409	47.1	1,312	43.9	2,991	100.0
	Not Classified	3206	32.8	5488	56.2	888	9.1	179	1.8	9761	100.0
	Total	31,576	13.6	65,579	28.3	94,711	40.8	40,106	17.3	231,972	100.0

Note: The data only include graduates from U.S. MD-granting medical schools from 1978 to 2008.

Source: AAMC Data Warehouse: Minority Physician Database, AMA_Masterfile_R, App_Bio_R, as of 11/30/2009.

Table 8a: Practice Specialty by Age, Black or African-American U.S. MD Physicians, 2008

Practice Specialty	34 & Younger		35-44		45-54		55 & Older		Total	
	#	%	#	%	#	%	#	%	#	%
Allergy/Immunology	17	24.6	23	33.3	22	31.9	7	10.1	69	100.0
Anesthesiology	354	21.2	478	28.6	656	39.2	185	11.1	1,673	100.0
Cardiology	77	14.6	177	33.5	204	38.6	71	13.4	529	100.0
Combined Residency	25	71.4	10	28.6	0	0.0	0	0.0	35	100.0
Dermatology	79	24.5	97	30.0	100	31.0	47	14.6	323	100.0
Emergency Medicine	372	25.2	556	37.7	394	26.7	152	10.3	1,474	100.0
Endocrinology/Diabetes	17	18.3	37	39.8	23	24.7	16	17.2	93	100.0
Family/General Practice	641	15.9	1,598	39.6	1,213	30.0	588	14.6	4,040	100.0
Geriatrics	61	12.9	182	38.4	178	37.6	53	11.2	474	100.0
Internal Medicine	1,153	20.8	1,628	29.3	1,850	33.3	919	16.6	5,550	100.0
Medical Genetics	1	14.3	3	42.9	3	42.9	0	0.0	7	100.0
Neurosurgery	45	26.5	66	38.8	44	25.9	15	8.8	170	100.0
Neurology	79	27.1	93	32.0	86	29.6	33	11.3	291	100.0
Obstetrics/Gynecology	694	20.8	1,211	36.3	1,010	30.3	423	12.7	3,338	100.0
Oncology (Cancer)	36	14.3	102	40.6	85	33.9	28	11.2	251	100.0
Ophthalmology	53	12.3	139	32.3	174	40.4	65	15.1	431	100.0
Orthopedics	170	27.2	219	35.0	174	27.8	62	9.9	625	100.0
Other	376	50.6	204	27.5	116	15.6	47	6.3	743	100.0
Otolaryngology	45	20.5	78	35.6	74	33.8	22	10.0	219	100.0
Pathology	96	24.2	129	32.5	136	34.3	36	9.1	397	100.0
Pediatrics	948	27.2	1,318	37.8	883	25.3	336	9.6	3,485	100.0
Physical Medicine & Rehab	118	23.8	170	34.3	175	35.3	33	6.7	496	100.0
Plastic Surgery	23	14.6	61	38.6	57	36.1	17	10.8	158	100.0
Preventative Medicine	28	8.1	96	27.7	146	42.1	77	22.2	347	100.0
Psychiatry	371	22.0	477	28.3	570	33.8	270	16.0	1,688	100.0
Radiology	151	18.0	286	34.2	291	34.8	109	13.0	837	100.0
Surgery	520	29.8	586	33.6	462	26.5	178	10.2	1,746	100.0
Urology	47	16.4	94	32.9	108	37.8	37	12.9	286	100.0
Total	6,597	22.2	10,118	34.0	9,234	31.0	3,826	12.8	29,775	100.0

Note: The data only include graduates from U.S. MD-granting medical schools from 1978 to 2008.

Source: AAMC Data Warehouse: Minority Physician Database, AMA_Masterfile_R, App_Bio_R, as of 11/30/2009.

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Table 8b: Practice Specialty by Age, American-Indian/Alaska-Native U.S. MD Physicians, 2008

Practice Specialty	34 & Younger		35-44		45-54		55 & Older		Total	
	#	%	#	%	#	%	#	%	#	%
Anesthesiology	37	24.8	62	41.6	40	26.8	10	6.7	149	100.0
Cardiology	4	11.1	16	44.4	12	33.3	4	11.1	36	100.0
Combined Residency	4	66.7	2	33.3	0	0.0	0	0.0	6	100.0
Dermatology	10	29.4	12	35.3	8	23.5	4	11.8	34	100.0
Emergency Medicine	31	19.9	60	38.5	45	28.8	20	12.8	156	100.0
Endocrinology/Diabetes	1	12.5	4	50.0	3	37.5	0	0.0	8	100.0
Family/General Practice	98	16.5	219	36.9	188	31.6	89	15.0	594	100.0
Geriatrics	4	16.0	11	44.0	9	36.0	1	4.0	25	100.0
Internal Medicine	69	21.4	112	34.7	102	31.6	40	12.4	323	100.0
Neurosurgery	5	35.7	6	42.9	2	14.3	1	7.1	14	100.0
Neurology	6	31.6	7	36.8	4	21.1	2	10.5	19	100.0
Obstetrics/Gynecology	44	26.2	63	37.5	40	23.8	21	12.5	168	100.0
Oncology (Cancer)	2	13.3	7	46.7	6	40.0	0	0.0	15	100.0
Ophthalmology	6	26.1	6	26.1	8	34.8	3	13.0	23	100.0
Orthopedics	28	30.1	33	35.5	24	25.8	8	8.6	93	100.0
Other	30	43.5	20	29.0	14	20.3	5	7.2	69	100.0
Otolaryngology	10	43.5	8	34.8	3	13.0	2	8.7	23	100.0
Pathology	13	40.6	10	31.3	5	15.6	4	12.5	32	100.0
Pediatrics	59	26.7	106	48.0	45	20.4	11	5.0	221	100.0
Physical Medicine & Rehab	9	22.5	13	32.5	11	27.5	7	17.5	40	100.0
Plastic Surgery	4	23.5	7	41.2	5	29.4	1	5.9	17	100.0
Preventative Medicine	3	14.3	5	23.8	5	23.8	8	38.1	21	100.0
Psychiatry	23	17.2	48	35.8	41	30.6	22	16.4	134	100.0
Radiology	19	18.4	47	45.6	26	25.2	11	10.7	103	100.0
Surgery	59	35.5	60	36.1	35	21.1	12	7.2	166	100.0
Urology	5	26.3	6	31.6	6	31.6	2	10.5	19	100.0
Total	584	23.2	951	37.8	690	27.4	290	11.5	2,515	100.0

Note: The data only include graduates from U.S. MD-granting medical schools from 1978 to 2008.

Source: AAMC Data Warehouse: Minority Physician Database, AMA_Masterfile_R, App_Bio_R, as of 11/30/2009.

Table 8c: Practice Specialty by Age, Hispanic or Latino U.S. MD Physicians, 2008

Practice Specialty	34 & Younger		35-44		45-54		55 & Older		Total	
	#	%	#	%	#	%	#	%	#	%
Allergy/Immunology	16	19.8	24	29.6	38	46.9	3	3.7	81	100.0
Anesthesiology	319	21.6	506	34.2	554	37.5	99	6.7	1,478	100.0
Cardiology	77	12.5	238	38.6	271	44.0	30	4.9	616	100.0
Combined Residency	17	70.8	5	20.8	2	8.3	0	0	24	100.0
Dermatology	68	20.3	141	42.1	107	31.9	19	5.7	335	100.0
Emergency Medicine	375	27.5	554	40.6	346	25.3	90	6.6	1,365	100.0
Endocrinology/Diabetes	26	17.9	59	40.7	55	37.9	5	3.4	145	100.0
Family/General Practice	521	14.5	1,393	38.8	1,237	34.4	441	12.3	3,592	100.0
Geriatrics	79	14.1	235	42.0	216	38.6	30	5.4	560	100.0
Internal Medicine	928	22.2	1,458	34.9	1,494	35.8	297	7.1	4,177	100.0
Medical Genetics	4	30.8	6	46.2	2	15.4	1	7.7	13	100.0
Neurosurgery	28	17.1	79	48.2	47	28.7	10	6.1	164	100.0
Neurology	99	24.3	139	34.1	141	34.6	29	7.1	408	100.0
Obstetrics/Gynecology	358	18.9	700	37.0	680	36.0	152	8.0	1,890	100.0
Oncology (Cancer)	43	14.8	115	39.5	115	39.5	18	6.2	291	100.0
Ophthalmology	70	14.6	191	39.9	182	38.0	36	7.5	479	100.0
Orthopedics	145	25.4	214	37.5	169	29.6	42	7.4	570	100.0
Other	297	44.8	205	30.9	130	19.6	31	4.7	663	100.0
Otolaryngology	63	24.4	92	35.7	87	33.7	16	6.2	258	100.0
Pathology	105	21.2	183	36.9	157	31.7	51	10.3	496	100.0
Pediatrics	742	24.8	1,184	39.5	882	29.4	187	6.2	2,995	100.0
Physical Medicine & Rehab	85	19.3	169	38.3	159	36.1	28	6.3	441	100.0
Plastic Surgery	32	12.4	114	44.2	96	37.2	16	6.2	258	100.0
Preventative Medicine	7	5.3	25	18.8	70	52.6	31	23.3	133	100.0
Psychiatry	290	21.1	424	30.9	518	37.7	141	10.3	1,373	100.0
Radiology	211	18.6	474	41.9	377	33.3	70	6.2	1,132	100.0
Surgery	454	30.0	560	37.1	430	28.5	67	4.4	1,511	100.0
Urology	40	14.9	96	35.8	113	42.2	19	7.1	268	100.0
Total	5,499	21.4	9,583	37.3	8,675	33.7	1,959	7.6	25,716	100.0

Note: The data only include graduates from U.S. MD-granting medical schools from 1978 to 2008.

Source: AAMC Data Warehouse: Minority Physician Database, AMA_Masterfile_R, App_Bio_R, as of 11/30/2009.

Table 8d: Practice Specialty by Age, Asian U.S. MD Physicians, 2008

Practice Specialty	34 & Younger		35-44		45-54		55 & Older		Total	
	#	%	#	%	#	%	#	%	#	%
Anesthesiology	1,205	34.7	1,301	37.4	811	23.3	160	4.6	3,477	100.0
Cardiology	589	25.0	1,210	51.4	462	19.6	91	3.9	2,352	100.0
Combined Residency	47	75.8	14	22.6	0	0.0	1	1.6	62	100.0
Dermatology	283	29.1	477	49.1	173	17.8	38	3.9	971	100.0
Emergency Medicine	1,035	41.3	1,123	44.8	282	11.3	65	2.6	2,505	100.0
Endocrinology/Diabetes	144	33.3	218	50.5	49	11.3	21	4.9	432	100.0
Family/General Practice	1,029	24.1	2,148	50.3	874	20.5	216	5.1	4,267	100.0
Geriatrics	392	26.8	692	47.4	324	22.2	53	3.6	1,461	100.0
Internal Medicine	4,836	37.8	5,427	42.4	2,068	16.1	478	3.7	12,809	100.0
Medical Genetics	7	28.0	10	40.0	8	32.0	0	0.0	25	100.0
Neurosurgery	178	33.2	268	50.0	80	14.9	10	1.9	536	100.0
Neurology	382	37.4	411	40.3	184	18.0	44	4.3	1,021	100.0
Obstetrics/Gynecology	742	26.4	1,343	47.8	581	20.7	146	5.2	2,812	100.0
Oncology (Cancer)	318	28.1	587	51.9	186	16.4	41	3.6	1,132	100.0
Ophthalmology	666	30.5	1,023	46.9	411	18.8	82	3.8	2,182	100.0
Orthopedics	519	36.7	606	42.9	241	17.1	47	3.3	1,413	100.0
Other	962	61.1	439	27.9	143	9.1	30	1.9	1,574	100.0
Otolaryngology	353	33.1	496	46.5	182	17.1	35	3.3	1,066	100.0
Pathology	318	35.0	350	38.5	182	20.0	58	6.4	908	100.0
Pediatrics	2,300	39.7	2,620	45.2	735	12.7	136	2.3	5,791	100.0
Physical Medicine & Rehab	339	35.1	426	44.1	174	18.0	26	2.7	965	100.0
Plastic Surgery	129	20.6	321	51.3	146	23.3	30	4.8	626	100.0
Preventative Medicine	33	11.3	138	47.4	92	31.6	28	9.6	291	100.0
Psychiatry	702	36.9	743	39.1	380	20.0	76	4.0	1,901	100.0
Radiology	1,566	34.1	2,137	46.5	743	16.2	152	3.3	4,598	100.0
Surgery	1,372	37.3	1,591	43.3	628	17.1	86	2.3	3,677	100.0
Urology	207	25.4	447	54.9	143	17.6	17	2.1	814	100.0
Total	20,773	34.6	26,779	44.6	10,352	17.2	2,183	3.6	60,087	100.0

Note: The data only include graduates from U.S. MD-granting medical schools from 1978 to 2008.

Source: AAMC Data Warehouse: Minority Physician Database, AMA_Masterfile_R, App_Bio_R, as of 11/30/2009.

Table 8e: Practice Specialty by Age, White U.S. MD Physicians, 2008

Practice Specialty	34 & Younger		35-44		45-54		55 & Older		Total	
	#	%	#	%	#	%	#	%	#	%
Anesthesiology	3,090	15.1	4,809	23.6	9,260	45.4	3,253	15.9	20,412	100.0
Cardiology	998	9.6	2,894	27.9	4,651	44.9	1,825	17.6	10,368	100.0
Combined Residency	213	71.5	65	21.8	15	5.0	5	1.7	298	100.0
Dermatology	1,092	18.1	1,907	31.6	2,205	36.6	826	13.7	6,030	100.0
Emergency Medicine	4,359	21.8	7,063	35.3	5,907	29.5	2,685	13.4	20,014	100.0
Endocrinology/Diabetes	227	12.1	561	29.8	718	38.1	377	20.0	1,883	100.0
Family/General Practice	5,506	12.3	14,391	32.1	16,860	37.6	8,049	18.0	44,806	100.0
Geriatrics	590	9.5	1,729	27.9	2,773	44.8	1,098	17.7	6,190	100.0
Internal Medicine	9,092	17.3	14,228	27.0	20,239	38.5	9,043	17.2	52,602	100.0
Medical Genetics	28	10.1	99	35.6	98	35.3	53	19.1	278	100.0
Neurosurgery	435	15.4	925	32.7	1,118	39.5	351	12.4	2,829	100.0
Neurology	925	15.2	1,664	27.3	2,374	38.9	1,140	18.7	6,103	100.0
Obstetrics/Gynecology	3,243	15.9	6,323	31.0	7,695	37.7	3,147	15.4	20,408	100.0
Oncology (Cancer)	635	11.6	1,950	35.7	2,080	38.1	794	14.5	5,459	100.0
Ophthalmology	1,083	11.4	2,593	27.3	4,156	43.8	1,649	17.4	9,481	100.0
Orthopedics	2,853	19.3	4,443	30.0	5,553	37.5	1,940	13.1	14,789	100.0
Other	2,613	42.0	1,513	24.3	1,381	22.2	720	11.6	6,227	100.0
Otolaryngology	1,009	18.1	1,735	31.2	2,153	38.7	664	11.9	5,561	100.0
Pathology	1,238	14.7	2,197	26.2	3,285	39.1	1,680	20.0	8,400	100.0
Pediatrics	8,041	23.5	12,240	35.8	10,385	30.3	3,555	10.4	34,221	100.0
Physical Medicine & Rehab	555	14.5	1,027	26.9	1,736	45.4	504	13.2	3,822	100.0
Plastic Surgery	369	10.2	1,070	29.6	1,621	44.9	552	15.3	3,612	100.0
Preventative Medicine	103	3.6	496	17.6	1,373	48.6	853	30.2	2,825	100.0
Psychiatry	2,197	12.2	4,193	23.3	7,522	41.9	4,058	22.6	17,970	100.0
Radiology	3,199	15.3	6,235	29.7	8,447	40.3	3,085	14.7	20,966	100.0
Surgery	4,402	20.9	6,504	30.8	7,608	36.1	2,589	12.3	21,103	100.0
Urology	708	13.9	1,656	32.4	2,100	41.1	644	12.6	5,108	100.0
Total	58,954	16.7	104,954	29.7	133,965	37.9	55,428	15.7	353,301	100.0

Note: The data only include graduates from U.S. MD-granting medical schools from 1978 to 2008.

Source: AAMC Data Warehouse: Minority Physician Database, AMA_Masterfile_R, App_Bio_R, as of 11/30/2009.

Table 9: Practice Specialty by Race and Ethnicity, 2008

Practice Specialty		Asian	Black or African American	American Indian/Alaska Native	Hispanic/Latino	White	Total
Allergy/Immunology	#	419	69	7	81	1,536	2,112
	%	0.7	0.2	0.3	0.3	0.4	0.4
Anesthesiology	#	3,477	1,673	149	1,478	20,412	27,189
	%	5.8	5.6	5.9	5.7	5.8	5.8
Cardiology	#	2,352	529	36	616	10,368	13,901
	%	3.9	1.8	1.4	2.4	2.9	2.9
Combined Residency	#	62	35	6	24	298	425
	%	0.1	0.1	0.2	0.1	0.1	0.1
Dermatology	#	971	323	34	335	6,030	7,693
	%	1.6	1.1	1.4	1.3	1.7	1.6
Emergency Medicine	#	2,505	1,474	156	1,365	20,016	25,516
	%	4.2	5.0	6.2	5.3	5.7	5.4
Endocrinology/Diabetes	#	432	93	8	145	1,883	2,561
	%	0.7	0.3	0.3	0.6	0.5	0.5
Family/General Practice	#	4,267	4,040	594	3,592	44,809	57,302
	%	7.1	13.6	23.6	14	12.7	12.2
Geriatrics	#	1,461	474	25	560	6,190	8,710
	%	2.4	1.6	1.0	2.2	1.8	1.8
Internal Medicine	#	12,809	5,550	323	4,177	52,603	75,462
	%	21.3	18.6	12.8	16.2	14.9	16.0
Medical Genetics	#	25	7	0	13	278	323
	%	0.0	0.0	0.0	0.1	0.1	0.1
Neurosurgery	#	536	170	14	164	2,829	3,713
	%	0.9	0.6	0.6	0.6	0.8	0.8
Neurology	#	1,021	291	19	408	6,103	7,842
	%	1.7	1.0	0.8	1.6	1.7	1.7
Obstetrics/Gynecology	#	2,813	3,338	168	1,890	20,408	28,617
	%	4.7	11.2	6.7	7.3	5.8	6.1
Oncology (Cancer)	#	1,132	251	15	291	5,459	7,148
	%	1.9	0.8	0.6	1.1	1.5	1.5
Ophthalmology	#	2,182	431	23	479	9,481	12,596
	%	3.6	1.4	0.9	1.9	2.7	2.7
Orthopedics	#	1,413	625	93	570	14,789	17,490
	%	2.4	2.1	3.7	2.2	4.2	3.7
Other	#	1,576	743	69	663	6,229	9,280
	%	2.6	2.5	2.7	2.6	1.8	2.0
Otolaryngology	#	1,066	219	23	258	5,561	7,127
	%	1.8	0.7	0.9	1.0	1.6	1.5
Pathology	#	908	397	32	496	8,400	10,233
	%	1.5	1.3	1.3	1.9	2.4	2.2
Pediatrics	#	5,791	3,485	221	2,995	34,222	46,714
	%	9.6	11.7	8.8	11.6	9.7	9.9
Physical Medicine & Rehab	#	965	496	40	441	3,822	5,764
	%	1.6	1.7	1.6	1.7	1.1	1.2
Plastic Surgery	#	626	158	17	258	3,613	4,672
	%	1.0	0.5	0.7	1.0	1.0	1.0
Preventative Medicine	#	291	347	21	134	2,825	3,618
	%	0.5	1.2	0.8	0.5	0.8	0.8
Psychiatry	#	1,902	1,688	134	1,373	17,970	23,067
	%	3.2	5.7	5.3	5.3	5.1	4.9
Radiology	#	4,598	837	103	1,132	20,966	27,636
	%	7.7	2.8	4.1	4.4	5.9	5.9
Surgery	#	3,677	1,746	166	1,511	21,103	28,203
	%	6.1	5.9	6.6	5.9	6.0	6.0
Urology	#	814	286	19	268	5,108	6,495
	%	1.4	1.0	0.8	1.0	1.4	1.4
Total	#	60,091	29,775	2,515	25,717	353,311	471,409

Note: The data only include graduates from U.S. MD-granting medical schools from 1978 to 2008.

Source: AAMC Data Warehouse: Minority Physician Database, AMA_Masterfile_R, App_Bio_R, as of 11/30/2009.

Table 10a: Practice Specialty, Women by Race and Ethnicity, 2008

Practice Specialty	Asian		Black or African America		American Indian/ Alaska Native		Hispanic/ Latino		White		Total #
	#	%	#	%	#	%	#	%	#	%	
Allergy/Immunology	224	26.6	49	5.8	4	0.5	40	4.7	526	62.4	843
Anesthesiology	1,014	15.0	682	10.1	40	0.6	401	5.9	4,613	68.3	6,750
Cardiology	488	21.5	136	6.0	6	0.3	108	4.8	1,531	67.5	2,269
Combined Residency	29	14.4	23	11.4	0	0.0	11	5.5	138	68.7	201
Dermatology	619	15.0	237	5.7	14	0.3	184	4.5	3,077	74.5	4,131
Emergency Medicine	846	11.6	682	9.3	46	0.6	400	5.5	5,325	73.0	7,299
Endocrinology/Diabetes	269	20.2	65	4.9	4	0.3	86	6.5	906	68.1	1,330
Family/General Practice	2,066	8.9	2,459	10.6	274	1.2	1,469	6.3	16,997	73.1	23,265
Geriatics	450	20.1	235	10.5	8	0.4	183	8.2	1,368	61.0	2,244
Internal Medicine	5,746	19.2	2,861	9.6	143	0.5	1,645	5.5	19,493	65.2	29,888
Medical Genetics	14	7.9	4	2.2	0	0.0	10	5.6	150	84.3	178
Neurosurgery	64	17.8	25	7.0	0	0.0	21	5.8	249	69.4	359
Neurology	468	16.8	158	5.7	10	0.4	166	5.9	1,989	71.3	2,791
Obstetrics/Gynecology	1,953	11.2	2,439	14.0	122	0.7	1,012	5.8	11,840	68.2	17,366
Oncology (Cancer)	471	17.3	144	5.3	6	0.2	116	4.3	1,986	72.9	2,723
Ophthalmology	848	25.2	190	5.7	11	0.3	144	4.3	2,166	64.5	3,359
Orthopedics	127	10.0	72	5.7	15	1.2	50	3.9	1,008	79.2	1,272
Other	586	17.6	379	11.4	25	0.7	281	8.4	2,064	61.9	3,335
Otolaryngology	271	20.3	72	5.4	5	0.4	49	3.7	935	70.2	1,332
Pathology	418	9.8	258	6.1	14	0.3	239	5.6	3,318	78.1	4,247
Pediatrics	3,986	13.4	2,779	9.3	145	0.5	1,984	6.7	20,880	70.1	29,774
Physical Medicine & Rehab	336	16.7	239	11.8	17	0.8	153	7.6	1,272	63.1	2,017
Plastic Surgery	151	18.1	52	6.2	7	0.8	39	4.7	587	70.2	836
Preventative Medicine	125	9.2	209	15.3	9	0.7	46	3.4	976	71.5	1,365
Psychiatry	967	8.8	1,083	9.9	73	0.7	650	5.9	8,168	74.7	10,941
Radiology	1,424	20.0	360	5.0	28	0.4	332	4.7	4,986	69.9	7,130
Surgery	1,003	16.1	528	8.5	59	0.9	354	5.7	4,293	68.8	6,237
Urology	120	17.6	53	7.8	2	0.3	38	5.6	470	68.8	683
Total	25,083	14.4	16,473	9.5	1,087	0.6	10,211	5.9	121,311	69.7	174,165

Note: The data only include graduates from U.S. MD-granting medical schools from 1978 to 2008.

Source: AAMC Data Warehouse: Minority Physician Database, AMA Masterfile R, App Bio R, as of 11/30/2009.

Table 10b: Practice Specialty, Men by Race and Ethnicity, 2008

Practice Specialty	Asian		Black or African America		American Indian/ Alaska Native		Hispanic/ Latino		White		Total #
	#	%	#	%	#	%	#	%	#	%	
Allergy/Immunology	195	15.4	20	1.6	3	0.2	41	3.2	1,010	79.6	1,269
Anesthesiology	2,461	12.0	991	4.8	109	0.5	1,077	5.3	15,799	77.3	20,437
Cardiology	1,862	16.0	393	3.4	30	0.3	508	4.4	8,837	76.0	11,630
Combined Residency	32	14.3	12	5.4	6	2.7	13	5.8	160	71.7	223
Dermatology	351	9.9	86	2.4	20	0.6	150	4.2	2,953	82.9	3,560
Emergency Medicine	1,659	9.1	792	4.3	110	0.6	965	5.3	14,691	80.6	18,217
Endocrinology/Diabetes	163	13.3	28	2.3	4	0.3	59	4.8	976	79.3	1,230
Family/General Practice	2,200	6.5	1,581	4.6	320	0.9	2,122	6.2	27,811	81.7	34,034
Geriatrics	1,011	15.6	239	3.7	17	0.3	377	5.8	4,822	74.6	6,466
Internal Medicine	7,056	15.5	2,689	5.9	180	0.4	2,532	5.6	33,107	72.7	45,564
Medical Genetics	11	7.6	3	2.1	0	0.0	3	2.1	128	88.3	145
Neurosurgery	471	14.0	145	4.3	14	0.4	143	4.3	2,580	76.9	3,353
Neurology	553	10.9	133	2.6	9	0.2	242	4.8	4,114	81.4	5,051
Obstetrics/Gynecology	858	7.6	898	8.0	46	0.4	878	7.8	8,568	76.2	11,248
Oncology (Cancer)	661	14.9	107	2.4	9	0.2	175	4.0	3,471	78.5	4,423
Ophthalmology	1,331	14.4	241	2.6	12	0.1	335	3.6	7,314	79.2	9,233
Orthopedics	1,284	7.9	553	3.4	78	0.5	520	3.2	13,779	85.0	16,214
Other	987	16.6	364	6.1	44	0.7	379	6.4	4,162	70.1	5,936
Otolaryngology	793	13.7	147	2.5	18	0.3	209	3.6	4,625	79.9	5,792
Pathology	490	8.2	139	2.3	18	0.3	257	4.3	5,082	84.9	5,986
Pediatrics	1,804	10.7	706	4.2	76	0.4	1,011	6.0	13,338	78.8	16,935
Physical Medicine & Rehab	629	16.8	257	6.9	23	0.6	287	7.7	2,550	68.1	3,746
Plastic Surgery	475	12.4	106	2.8	10	0.3	219	5.7	3,026	78.9	3,836
Preventative Medicine	166	7.4	138	6.1	12	0.5	88	3.9	1,849	82.1	2,253
Psychiatry	934	7.7	605	5.0	61	0.5	722	6.0	9,802	80.8	12,124
Radiology	3,169	15.5	477	2.3	75	0.4	799	3.9	15,977	77.9	20,497
Surgery	2,672	12.2	1,218	5.5	107	0.5	1,157	5.3	16,807	76.5	21,961
Urology	694	11.9	233	4.0	17	0.3	230	4.0	4,638	79.8	5,812
Total	34,972	11.8	13,301	4.5	1,428	0.5	15,498	5.2	231,976	78.1	297,175

Note: The data only include graduates from U.S. MD-granting medical schools from 1978 to 2008.

Source: AAMC Data Warehouse: Minority Physician Database, AMA_Masterfile_R, App_Bio_R, as of 11/30/2009.

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Table 11: Practice Specialty by Census Size of Practice Areas, Race, and Ethnicity, 2008

Practice Specialty	Census Size of Practice Areas	Race and Ethnicity					Total
		Asian	Black or African American	American Indian/ Alaska Native	Hispanic/Latino	White	
Allergy/Immunology	1 Million or More	343	55	5	63	1,077	1,543
	250,000 - 999,999	40	9	2	12	255	318
	100,000 - 249,999	22	4	0	3	112	141
	Less than 100,000	14	1	0	3	92	110
Anesthesiology	1 Million or More	2,929	1,363	86	1,102	13,131	18,611
	250,000 - 999,999	341	189	35	226	3,714	4,505
	100,000 - 249,999	110	60	12	76	1,865	2,123
	Less than 100,000	95	61	16	74	1,702	1,948
Cardiology	1 Million or More	1,979	380	17	462	7,167	10,005
	250,000 - 999,999	231	87	10	93	1,747	2,168
	100,000 - 249,999	80	30	4	32	840	986
	Less than 100,000	60	32	5	29	614	740
Combined Residency	1 Million or More	48	28	4	16	223	319
	250,000 - 999,999	8	5	1	6	38	58
	100,000 - 249,999	2	2	1	2	22	29
	Less than 100,000	3	0	0	0	15	18
Dermatology	1 Million or More	854	281	23	263	4,267	5,688
	250,000 - 999,999	77	30	6	39	806	958
	100,000 - 249,999	19	4	3	16	522	564
	Less than 100,000	20	8	2	16	435	481
Emergency Medicine	1 Million or More	2,130	1,240	90	1,021	12,816	17,297
	250,000 - 999,999	235	133	37	214	3,544	4,163
	100,000 - 249,999	64	54	9	62	1,525	1,714
	Less than 100,000	76	47	20	68	2,129	2,340
Endocrinology/Diabetes	1 Million or More	373	79	6	115	1,391	1,964
	250,000 - 999,999	39	7	0	21	254	321
	100,000 - 249,999	14	3	1	5	161	184
	Less than 100,000	6	4	1	4	76	91
Family/General Practice	1 Million or More	3,201	2,665	194	2,311	20,030	28,401
	250,000 - 999,999	542	725	110	666	8,610	10,653
	100,000 - 249,999	210	247	78	263	4,772	5,570
	Less than 100,000	313	403	212	351	11,393	12,672
Geriatrics	1 Million or More	1,210	367	16	427	4,275	6,295
	250,000 - 999,999	147	64	6	74	963	1,254
	100,000 - 249,999	58	20	1	34	500	613
	Less than 100,000	46	23	2	25	452	548
Internal Medicine	1 Million or More	10,958	4,368	152	3,215	36,246	54,939
	250,000 - 999,999	1,190	675	72	602	7,818	10,357
	100,000 - 249,999	364	215	31	200	3,864	4,674
	Less than 100,000	290	292	68	160	4,671	5,481
Medical Genetics	1 Million or More	23	7	0	10	220	260
	250,000 - 999,999	2	0	0	2	33	37
	100,000 - 249,999	0	0	0	0	17	17
	Less than 100,000	0	0	0	1	8	9
Neurosurgery	1 Million or More	421	123	8	129	1,849	2,530
	250,000 - 999,999	71	28	5	21	537	662
	100,000 - 249,999	31	12	0	10	285	338
	Less than 100,000	12	7	1	4	158	182
Neurology	1 Million or More	877	232	12	304	4,410	5,835
	250,000 - 999,999	87	37	6	64	804	998
	100,000 - 249,999	37	10	0	26	467	540
	Less than 100,000	20	12	1	14	422	469
Obstetrics/Gynecology	1 Million or More	2,326	2,605	93	1,349	13,083	19,456
	250,000 - 999,999	309	398	35	337	3,418	4,497
	100,000 - 249,999	77	131	14	93	1,675	1,990
	Less than 100,000	98	203	26	111	2,232	2,670

Note: The data only include graduates from U.S. MD-granting medical schools from 1978 to 2008.

Source: AAMC Data Warehouse: Minority Physician Database, AMA_Masterfile_R, App_Bio_R, as of 11/30/2009.

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Table 11 (cont.): Practice Specialty by Census Size of Practice Areas, Race, and Ethnicity, 2008

Practice Specialty	Census Size of Practice Areas	Asian	Black or African American	American Indian/ Alaska Native	Hispanic/Latino	White	Total
Oncology (Cancer)	1 Million or More	988	199	11	233	4,116	5,547
	250,000 - 999,999	92	28	3	29	717	869
	100,000 - 249,999	32	17	0	20	340	409
	Less than 100,000	20	7	1	9	284	321
Ophthalmology	1 Million or More	1,777	340	16	365	6,137	8,635
	250,000 - 999,999	241	53	2	66	1,587	1,949
	100,000 - 249,999	88	14	2	26	796	926
	Less than 100,000	73	24	3	22	960	1,082
Orthopedics	1 Million or More	1,150	480	47	423	9,310	11,410
	250,000 - 999,999	149	71	30	81	2,592	2,923
	100,000 - 249,999	52	32	7	29	1,246	1,366
	Less than 100,000	60	42	9	37	1,639	1,787
Other	1 Million or More	1,331	605	41	520	4,497	6,994
	250,000 - 999,999	129	79	17	99	888	1,212
	100,000 - 249,999	48	26	5	23	382	484
	Less than 100,000	64	33	6	18	457	578
Otolaryngology	1 Million or More	893	185	17	201	3,527	4,823
	250,000 - 999,999	94	18	2	32	980	1,126
	100,000 - 249,999	35	4	1	9	494	543
	Less than 100,000	42	12	3	16	559	632
Pathology	1 Million or More	741	310	21	386	5,405	6,863
	250,000 - 999,999	113	52	6	68	1,478	1,717
	100,000 - 249,999	31	14	1	20	795	861
	Less than 100,000	23	21	4	22	722	792
Pediatrics	1 Million or More	4,963	2,765	124	2,316	24,099	34,267
	250,000 - 999,999	561	402	45	437	5,247	6,692
	100,000 - 249,999	126	137	16	107	2,044	2,430
	Less than 100,000	140	181	36	135	2,827	3,319
Physical Medicine & Rehab	1 Million or More	809	393	27	356	2,547	4,132
	250,000 - 999,999	96	63	5	49	629	842
	100,000 - 249,999	33	27	5	18	347	430
	Less than 100,000	27	13	3	17	299	359
Plastic Surgery	1 Million or More	534	133	10	203	2,600	3,480
	250,000 - 999,999	61	12	3	40	548	664
	100,000 - 249,999	24	7	4	7	277	319
	Less than 100,000	7	6	0	8	187	208
Preventative Medicine	1 Million or More	236	295	14	95	1,888	2,528
	250,000 - 999,999	33	28	4	18	481	564
	100,000 - 249,999	8	8	0	12	180	208
	Less than 100,000	14	16	3	8	276	317
Psychiatry	1 Million or More	1,587	1,348	71	1,059	12,715	16,780
	250,000 - 999,999	194	210	30	188	2,546	3,168
	100,000 - 249,999	51	65	14	57	1,266	1,453
	Less than 100,000	68	65	19	68	1,443	1,663
Radiology	1 Million or More	3,905	649	55	853	13,560	19,022
	250,000 - 999,999	421	103	26	162	3,662	4,374
	100,000 - 249,999	152	34	10	62	1,846	2,104
	Less than 100,000	115	51	12	54	1,895	2,127
Surgery	1 Million or More	2,940	1,309	95	1,127	13,048	18,519
	250,000 - 999,999	424	229	36	237	3,879	4,805
	100,000 - 249,999	150	94	11	69	1,752	2,076
	Less than 100,000	161	114	24	78	2,421	2,798
Urology	1 Million or More	658	212	10	198	3,216	4,294
	250,000 - 999,999	97	32	4	37	885	1,055
	100,000 - 249,999	30	12	1	12	468	523
	Less than 100,000	29	30	4	21	539	623
Total		60,052	29,774	2,515	25,708	353,277	471,326

Note: The data only include graduates from U.S. MD-granting medical schools from 1978 to 2008.

Source: AAMC Data Warehouse: Minority Physician Database, AMA_Masterfile_R, App_Bio_R, as of 11/30/2009.

Table 12: Practice Specialty by Census Size of Practice Areas and Sex, 2008

Practice Specialty	1 Million or More		250,000 - 999,999		100,000 - 249,999		Less than 100,000		Total
	W	M	W	M	W	M	W	M	
Allergy/Immunology	668	875	107	211	40	101	28	82	2,112
Anesthesiology	4,996	13,615	971	3,534	417	1,706	366	1,582	27,187
Cardiology	1,828	8,177	244	1,924	114	872	83	657	13,899
Combined Residency	155	164	28	30	11	18	7	11	424
Dermatology	3,186	2,502	464	494	274	290	207	274	7,691
Emergency Medicine	5,429	11,868	994	3,169	374	1,340	502	1,838	25,514
Endocrinology/Diabetes	1,055	909	155	166	77	107	43	48	2,560
Family/General Practice	13,025	15,376	4,033	6,620	2,104	3,466	4,100	8,572	57,296
Geriatrics	1,748	4,547	275	979	120	493	101	447	8,710
Internal Medicine	22,999	31,940	3,644	6,713	1,542	3,132	1,703	3,778	75,451
Medical Genetics	149	111	15	22	7	10	7	2	323
Neurosurgery	263	2,267	57	605	27	311	12	170	3,712
Neurology	2,198	3,637	290	708	154	386	149	320	7,842
Obstetrics/Gynecology	12,739	6,717	2,383	2,114	1,042	948	1,201	1,469	28,613
Oncology (Cancer)	2,232	3,315	277	592	125	284	89	232	7,146
Ophthalmology	2,600	6,035	384	1,565	171	755	204	878	12,592
Orthopedics	934	10,476	169	2,754	64	1,302	105	1,682	17,486
Other	2,573	4,421	411	801	170	314	180	398	9,268
Otolaryngology	1,010	3,813	167	959	79	464	76	556	7,124
Pathology	2,999	3,864	702	1,015	277	584	269	523	10,233
Pediatrics	22,469	11,798	4,001	2,691	1,436	994	1,867	1,452	46,708
Physical Medicine & Rehab	1,542	2,590	235	607	124	306	116	243	5,763
Plastic Surgery	647	2,833	106	558	52	267	30	178	4,671
Preventative Medicine	1,043	1,485	164	400	65	143	92	225	3,617
Psychiatry	8,216	8,564	1,379	1,789	613	840	732	931	23,064
Radiology	5,447	13,575	916	3,458	409	1,695	358	1,769	27,627
Surgery	4,611	13,908	887	3,918	325	1,751	414	2,384	28,198
Urology	530	3,764	86	969	27	496	40	583	6,495
Total	127,291	193,146	23,544	49,365	10,240	23,375	13,081	31,284	471,326

Note: The data only include graduates from U.S. MD-granting medical schools from 1978 to 2008.

Source: AAMC Data Warehouse: Minority Physician Database, AMA_Masterfile_R, App_Bio_R, as of 11/30/2009.

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Table 13: Practice State by Race, Ethnicity, and Sex, 2008

Practice States and Territories	Asian		Black or African American		American Indian/ Alaska Native		Hispanic/Latino		White		Total
	W	M	W	M	W	M	W	M	W	M	
Alabama	91	166	261	250	15	27	42	90	1,525	4,127	6,594
Alaska	38	28	9	9	20	12	17	13	338	613	1,097
Arizona	318	533	129	158	54	59	239	384	2,022	3,827	7,723
Arkansas	47	79	102	92	9	25	16	42	875	2,343	3,630
California	6,372	9,087	1,400	1,401	151	162	1,637	2,425	11,309	19,927	53,871
Colorado	278	362	72	65	24	27	162	215	3,050	4,762	9,017
Connecticut	310	379	170	137	6	10	109	130	2,063	3,389	6,703
Delaware	67	102	63	43	1	3	15	22	304	557	1,177
District of Columbia	218	218	352	255	4	5	45	81	751	923	2,852
Florida	706	1,236	877	803	34	62	979	1,868	4,095	10,560	21,220
Georgia	457	704	1,339	990	16	27	135	262	2,716	6,549	13,195
Hawaii	486	811	29	39	36	20	28	40	352	741	2,582
Idaho	22	41	4	7	4	8	13	40	436	1,287	1,862
Illinois	1,556	1,937	901	636	26	15	385	462	4,975	8,652	19,545
Indiana	185	415	213	193	5	13	62	108	2,318	5,035	8,547
Iowa	75	123	27	49	2	14	27	40	977	2,176	3,510
Kansas	101	125	72	60	13	19	47	69	1,102	2,231	3,839
Kentucky	117	183	101	90	7	15	40	76	1,726	3,609	5,964
Louisiana	160	267	377	331	11	23	105	197	1,598	3,880	6,949
Maine	22	31	7	13	7	6	13	19	788	1,282	2,188
Maryland	857	1,028	1,237	733	10	21	187	196	3,396	5,450	13,115
Massachusetts	1,300	1,390	385	314	19	23	301	365	5,931	7,794	17,822
Michigan	529	876	605	483	26	32	129	184	3,374	6,474	12,712
Minnesota	269	406	96	116	40	37	76	128	3,367	5,612	10,147
Mississippi	26	64	195	173	9	6	13	30	663	2,200	3,379
Missouri	366	486	201	194	15	22	85	143	2,391	4,813	8,716
Montana	17	16	5	5	10	13	11	22	415	928	1,442
Nebraska	44	72	29	34	6	9	30	49	889	1,744	2,906
Nevada	134	299	71	86	8	13	34	95	486	1,365	2,591
New Hampshire	42	71	14	10	3	4	24	37	783	1,361	2,349
New Jersey	754	1,073	556	384	7	5	248	288	2,597	5,231	11,143
New Mexico	93	95	44	46	37	35	217	253	904	1,247	2,971
New York	2,398	2,759	1,507	1,014	37	46	734	879	8,928	14,783	33,085
North Carolina	482	681	794	597	46	74	153	255	4,431	8,903	16,416
North Dakota	6	13	6	11	15	25	2	10	220	496	804
Ohio	760	1,087	530	474	20	36	148	231	4,884	9,414	17,584
Oklahoma	71	138	59	75	77	135	41	69	906	2,162	3,733
Oregon	346	406	57	53	17	17	87	113	2,363	3,698	7,157
Pennsylvania	1,080	1,431	632	481	28	16	241	366	6,035	11,270	21,580
Rhode Island	107	111	43	32	3	3	31	39	785	1,084	2,238
South Carolina	90	165	257	217	21	16	52	90	1,762	4,205	6,875
South Dakota	4	10	7	8	9	16	7	11	332	768	1,172
Tennessee	186	359	473	422	16	31	72	120	2,471	6,217	10,367
Texas	1,652	2,557	1,142	891	65	107	1,281	2,307	6,807	14,194	31,003
Utah	89	135	17	8	3	16	34	59	975	2,733	4,069
Vermont	32	31	9	4	4	3	12	7	626	830	1,558
Virginia	667	826	671	495	17	29	148	210	3,621	6,595	13,279
Washington	674	931	106	105	43	46	150	172	3,467	5,689	11,383
West Virginia	42	81	22	30	0	8	9	32	558	1,317	2,099
Wisconsin	245	376	99	88	24	23	79	128	2,856	5,490	9,408
Wyoming	4	7	0	1	3	2	5	8	175	442	647
Army Post Office/Fleet Post Office	29	60	32	26	1	5	16	37	199	496	901
Guam	5	17	1	3	0	0	0	0	4	27	57
Pacific Territories	2	8	0	0	0	0	0	0	6	13	29
Puerto Rico	9	15	23	24	1	0	1,429	1,972	167	134	3,774
Virgin Islands	2	1	31	22	0	0	1	2	4	10	73
Unknown	44	64	12	21	2	2	8	8	213	317	691
Total	25,083	34,972	16,473	13,301	1,087	1,428	10,211	15,498	121,311	231,976	471,340

Note: The data only include graduates from U.S. MD-granting medical schools from 1978 to 2008.
 Source: AAMC Data Warehouse: Minority Physician Database, AMA_Masterfile_R, App_Bio_R, as of 11/30/2009.

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Table 14a: Practice State by Major Professional Activity, Black or African-American U.S. MD Physicians, 2008

Practice States and Territories	Patient Care			Other Professional Activity				Other		Total
	Hospital Staff	Residents/ Fellows	Office-Based	Admin.	Medical Teaching	Other	Research	Inactive	Not Classified	
Alabama	45	68	347	10	3	1	4	6	27	511
Alaska	2	0	13	0	0	0	0	2	1	18
Arizona	27	29	205	1	0	0	1	2	22	287
Arkansas	12	30	129	0	4	0	2	4	13	194
California	205	340	1,903	27	25	10	25	41	225	2,801
Colorado	12	16	89	3	1	0	2	6	8	137
Connecticut	23	90	146	4	2	2	1	4	35	307
Delaware	13	17	64	0	0	0	1	3	8	106
District of Columbia	50	148	300	10	8	5	6	8	72	607
Florida	136	236	1,134	16	8	3	0	28	119	1,680
Georgia	174	264	1,660	23	17	4	19	30	138	2,329
Hawaii	8	14	40	1	0	0	1	1	3	68
Idaho	1	1	8	0	0	0	0	0	1	11
Illinois	121	276	913	26	12	3	8	34	144	1,537
Indiana	34	54	279	0	1	2	3	5	28	406
Iowa	6	15	46	0	2	1	0	1	5	76
Kansas	16	24	77	0	1	0	1	2	11	132
Kentucky	14	38	114	2	2	0	0	2	19	191
Louisiana	53	123	454	8	6	1	2	8	53	708
Maine	2	2	13	1	0	0	0	1	1	20
Maryland	202	339	1,150	26	5	10	27	32	179	1,970
Massachusetts	53	227	295	4	6	1	9	8	96	699
Michigan	86	201	658	19	12	4	7	18	83	1,088
Minnesota	14	49	122	1	1	0	1	1	23	212
Mississippi	35	46	243	3	4	2	2	7	26	368
Missouri	31	91	228	7	2	0	2	2	32	395
Montana	3	0	6	0	1	0	0	0	0	10
Nebraska	7	15	35	1	1	0	1	1	2	63
Nevada	10	6	126	1	1	1	0	1	12	158
New Hampshire	1	5	15	0	0	0	0	0	3	24
New Jersey	89	129	595	14	11	6	7	17	72	940
New Mexico	14	9	56	0	0	1	0	4	6	90
New York	229	605	1,301	34	12	2	11	29	298	2,521
North Carolina	106	243	876	8	7	3	11	20	117	1,391
North Dakota	4	0	11	0	0	0	0	2	0	17
Ohio	63	220	588	15	6	4	9	14	85	1,004
Oklahoma	17	8	101	3	0	1	0	0	4	134
Oregon	12	18	70	0	0	1	1	0	8	110
Pennsylvania	67	309	561	10	6	7	9	18	126	1,113
Rhode Island	7	21	35	0	0	0	1	1	10	75
South Carolina	37	84	316	3	5	1	2	4	22	474
South Dakota	1	2	8	1	0	0	0	1	2	15
Tennessee	53	161	572	12	7	3	3	20	64	895
Texas	137	388	1,292	14	18	2	5	20	157	2,033
Utah	2	3	15	0	0	1	1	0	3	25
Vermont	2	4	6	0	0	0	0	0	1	13
Virginia	95	180	768	11	5	4	2	19	82	1,166
Washington	22	43	118	2	1	2	4	2	17	211
West Virginia	7	9	30	1	0	0	0	0	5	52
Wisconsin	14	38	118	1	4	0	0	5	7	187
Wyoming	0	0	1	0	0	0	0	0	0	1
Army Post Office/Fleet Post Office	20	2	27	1	0	1	0	0	7	58
Guam	0	0	2	1	0	0	0	0	1	4
Puerto Rico	0	45	1	0	0	0	0	0	1	47
Virgin Islands	7	1	37	1	0	0	0	0	7	53
Unknown	2	3	17	1	0	0	0	1	9	33
Total	2,403	5,289	18,334	327	207	89	191	435	2,500	29,775

Note: The data only include graduates from U.S. MD-granting medical schools from 1978 to 2008.
 Source: AAMC Data Warehouse: Minority Physician Database, AMA_Masterfile_R, App_Bio_R, as of 11/30/2009.

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Table 14b: Practice State by Major Professional Activity, Hispanic or Latino
U.S. MD Physicians, 2008

Practice States and Territories	Patient Care			Other Professional Activity				Other		Total
	Hospital Staff	Residents/Fellows	Office-Based	Admin.	Medical Teaching	Other	Research	Inactive	Not Classified	
Alabama	9	21	90	1	1	0	2	2	6	132
Alaska	6	2	18	0	0	1	0	1	2	30
Arizona	30	79	445	7	8	1	4	5	44	623
Arkansas	2	14	35	0	2	0	0	1	4	58
California	238	640	2,751	30	18	12	27	50	296	4,062
Colorado	21	54	265	3	2	0	5	4	23	377
Connecticut	19	66	124	1	2	1	3	2	21	239
Delaware	2	6	27	0	0	0	1	0	1	37
District of Columbia	9	48	49	1	2	2	0	1	14	126
Florida	207	331	2,061	17	22	5	14	36	154	2,847
Georgia	44	62	257	7	1	1	5	3	17	397
Hawaii	9	14	37	0	0	0	2	1	6	69
Idaho	5	2	43	0	0	0	1	1	1	53
Illinois	67	201	480	4	3	1	1	12	78	847
Indiana	15	35	106	0	1	0	1	3	9	170
Iowa	7	21	33	1	0	0	0	1	4	67
Kansas	7	29	71	1	0	0	0	0	8	116
Kentucky	10	23	70	2	2	0	2	1	6	116
Louisiana	24	69	178	0	3	0	1	6	21	302
Maine	6	4	21	0	0	0	0	0	1	32
Maryland	38	85	202	6	2	1	7	1	41	383
Massachusetts	49	203	302	5	3	7	10	4	83	666
Michigan	22	83	175	3	2	0	2	3	24	314
Minnesota	13	50	119	1	1	1	4	0	15	204
Mississippi	7	4	29	0	1	0	0	1	1	43
Missouri	22	65	121	1	0	0	2	2	15	228
Montana	3	0	27	1	0	0	1	1	0	33
Nebraska	8	19	50	0	0	0	0	0	2	79
Nevada	7	4	102	0	1	0	0	4	11	129
New Hampshire	6	13	38	0	0	0	0	1	3	61
New Jersey	39	97	342	8	6	3	5	6	31	537
New Mexico	29	82	313	3	2	0	2	13	26	470
New York	144	420	810	18	13	4	11	20	173	1,613
North Carolina	36	80	240	4	5	0	4	2	37	408
North Dakota	3	0	7	1	0	0	1	0	0	12
Ohio	28	103	196	3	4	3	2	3	37	379
Oklahoma	13	23	63	1	0	0	0	3	7	110
Oregon	16	18	142	2	1	3	1	2	15	200
Pennsylvania	41	174	313	4	3	0	8	4	60	607
Rhode Island	7	22	34	1	0	0	0	0	6	70
South Carolina	4	30	84	1	1	2	2	5	13	142
South Dakota	2	1	15	0	0	0	0	0	0	18
Tennessee	16	40	116	0	3	1	0	1	15	192
Texas	223	587	2,427	27	24	4	13	30	253	3,588
Utah	4	20	54	0	1	0	0	1	13	93
Vermont	0	5	12	0	0	0	0	1	1	19
Virginia	42	59	219	0	3	3	4	5	23	358
Washington	24	49	205	5	4	0	2	5	28	322
West Virginia	2	3	31	0	1	0	1	2	1	41
Wisconsin	13	43	136	0	2	0	1	1	11	207
Wyoming	2	0	11	0	0	0	0	0	0	13
Army Post Office/Fleet Post Office	14	2	31	1	0	0	0	0	5	53
Puerto Rico	237	292	2,393	34	42	13	9	31	355	3,406
Virgin Islands	2	0	1	0	0	0	0	0	0	3
Unknown	2	0	14	0	0	0	0	0	0	16
Total	1,855	4,397	16,535	205	192	69	161	282	2,021	25,717

Note: The data only include graduates from U.S. MD-granting medical schools from 1978 to 2008.
Source: AAMC Data Warehouse: Minority Physician Database, AMA_Masterfile_R, App_Bio_R, as of 11/30/2009.

Table 14c: Practice State by Major Professional Activity, American Indian/Alaska Native U.S. MD Physicians, 2008

Practice States and Territories	Patient Care			Other Professional Activity				Other		Total
	Hospital Staff	Residents/Fellows	Office-Based	Admin.	Medical Teaching	Other	Research	Inactive	Not Classified	
Alabama	1	12	23	0	1	0	0	2	3	42
Alaska	5	3	20	0	0	0	0	2	2	32
Arizona	20	14	68	1	0	0	0	1	9	113
Arkansas	2	8	20	0	0	0	1	2	1	34
California	26	53	187	3	0	1	0	6	37	313
Colorado	1	9	35	0	1	0	0	0	5	51
Connecticut	1	4	9	0	0	0	0	0	2	16
Delaware	0	2	2	0	0	0	0	0	0	4
District of Columbia	1	3	3	0	0	0	1	0	1	9
Florida	6	18	58	0	2	0	0	1	11	96
Georgia	3	14	24	1	0	0	0	0	1	43
Hawaii	2	9	39	0	1	1	0	0	4	56
Idaho	2	1	8	0	0	0	0	0	1	12
Illinois	1	17	18	0	0	0	0	0	5	41
Indiana	3	4	11	0	0	0	0	0	0	18
Iowa	2	4	9	0	0	0	0	0	1	16
Kansas	3	10	14	0	0	0	0	0	5	32
Kentucky	1	11	8	1	0	0	0	0	1	22
Louisiana	4	4	21	0	1	0	0	0	4	34
Maine	1	2	7	0	0	0	0	1	2	13
Maryland	3	7	14	1	0	0	1	0	5	31
Massachusetts	3	16	14	0	0	0	0	1	8	42
Michigan	7	18	28	0	1	0	0	0	4	58
Minnesota	5	21	39	2	1	0	0	3	6	77
Mississippi	2	1	9	0	0	0	0	2	1	15
Missouri	3	9	21	0	0	0	0	0	4	37
Montana	1	3	15	0	0	0	0	2	2	23
Nebraska	1	3	9	0	0	0	0	0	2	15
Nevada	3	2	16	0	0	0	0	0	0	21
New Hampshire	2	2	3	0	0	0	0	0	0	7
New Jersey	1	2	7	0	0	0	0	0	2	12
New Mexico	8	14	41	4	0	0	1	0	4	72
New York	6	30	29	3	1	0	0	1	13	83
North Carolina	14	18	79	0	1	0	0	2	6	120
North Dakota	5	4	27	1	0	0	0	0	3	40
Ohio	4	21	25	0	1	0	0	0	5	56
Oklahoma	26	26	143	2	1	0	0	5	9	212
Oregon	6	4	20	0	0	1	0	0	3	34
Pennsylvania	1	13	23	1	0	0	2	3	1	44
Rhode Island	0	1	5	0	0	0	0	0	0	6
South Carolina	2	12	21	0	0	1	0	0	1	37
South Dakota	5	4	15	0	0	0	0	0	1	25
Tennessee	1	16	26	0	0	1	0	2	1	47
Texas	6	47	104	0	1	0	1	5	8	172
Utah	2	5	10	1	0	0	0	0	1	19
Vermont	0	4	1	0	0	0	0	0	2	7
Virginia	3	9	28	0	0	0	0	1	5	46
Washington	8	11	62	0	0	0	0	1	7	89
West Virginia	0	1	6	0	0	0	0	0	1	8
Wisconsin	3	9	31	0	1	0	1	2	0	47
Wyoming	0	0	3	0	0	0	0	0	2	5
Army Post Office/Fleet Post Office	0	0	5	0	0	0	1	0	0	6
Puerto Rico	0	0	0	0	0	0	0	0	1	1
Unknown	2	0	1	0	0	0	0	0	1	4
Total	218	535	1,464	21	14	5	9	45	204	2,515

Note: The data only include graduates from U.S. MD-granting medical schools from 1978 to 2008.

Source: AAMC Data Warehouse: Minority Physician Database, AMA_Masterfile_R, App_Bio_R, as of 11/30/2009.

Diversity in the Physician Workforce: Facts & Figures 2010

Table 14d: Practice State by Major Professional Activity, Asian U.S. MD Physicians, 2008

Practice States and Territories	Patient Care			Other Professional Activity				Other		Total
	Hospital Staff	Residents/Fellows	Office-Based	Admin.	Medical Teaching	Other	Research	Inactive	Not Classified	
Alabama	13	86	130	0	0	0	2	4	22	257
Alaska	13	2	47	0	1	0	1	0	2	66
Arizona	43	139	574	0	6	1	2	12	74	851
Arkansas	10	37	69	0	2	0	0	3	5	126
California	758	2,990	9,764	74	63	46	117	108	1,541	15,461
Colorado	42	108	424	3	3	2	6	2	50	640
Connecticut	38	245	300	4	6	1	9	3	85	691
Delaware	8	40	101	1	0	1	2	1	15	169
District of Columbia	33	193	130	2	4	2	5	2	66	437
Florida	120	359	1,251	6	14	3	5	18	169	1,945
Georgia	73	292	652	2	5	6	11	10	111	1,162
Hawaii	90	142	956	14	11	5	9	15	55	1,297
Idaho	8	4	46	0	0	0	0	2	3	63
Illinois	159	1,197	1,651	11	9	8	22	20	418	3,495
Indiana	39	104	409	0	1	2	9	2	34	600
Iowa	18	57	102	0	0	0	1	0	20	198
Kansas	12	53	140	1	1	1	0	1	17	226
Kentucky	17	82	169	0	1	0	0	3	28	300
Louisiana	32	109	217	2	2	2	1	3	59	427
Maine	9	8	31	0	0	0	0	0	5	53
Maryland	162	489	918	3	14	6	41	12	240	1,885
Massachusetts	177	974	1,016	6	12	7	54	14	432	2,692
Michigan	71	533	606	1	7	2	19	7	162	1,408
Minnesota	41	180	377	3	2	2	10	8	53	676
Mississippi	6	19	58	0	0	0	0	1	6	90
Missouri	33	331	383	2	5	1	13	3	81	852
Montana	3	0	29	0	0	0	0	0	1	33
Nebraska	6	41	56	1	0	0	1	0	11	116
Nevada	23	38	333	1	2	2	1	3	30	433
New Hampshire	8	28	58	0	0	0	2	0	17	113
New Jersey	109	439	1,044	3	13	4	21	10	184	1,827
New Mexico	23	46	98	1	1	1	1	0	17	188
New York	304	1,902	2,119	18	25	19	34	31	708	5,160
North Carolina	74	290	628	2	3	1	12	9	146	1,165
North Dakota	2	2	13	0	0	0	0	0	2	19
Ohio	105	605	901	5	10	1	15	10	196	1,848
Oklahoma	14	39	135	1	3	0	0	2	15	209
Oregon	46	106	501	4	5	2	6	7	77	754
Pennsylvania	116	968	1,018	7	12	7	36	12	336	2,512
Rhode Island	10	93	82	1	0	0	2	1	29	218
South Carolina	15	56	162	1	2	2	1	1	15	255
South Dakota	1	1	12	0	0	0	0	1	0	15
Tennessee	27	121	346	3	3	1	4	4	37	546
Texas	227	1,058	2,405	14	22	8	22	19	435	4,210
Utah	4	54	118	1	1	0	4	4	41	227
Vermont	7	20	29	0	0	0	0	0	8	64
Virginia	110	310	934	3	4	5	5	13	109	1,493
Washington	117	304	1,023	5	7	3	26	8	112	1,605
West Virginia	8	36	64	0	2	1	0	0	12	123
Wisconsin	46	170	350	1	7	0	2	4	43	623
Wyoming	2	1	8	0	0	0	0	0	0	11
Army Post Office/Fleet Post Office	25	3	49	0	0	2	0	0	10	89
Guam	3	4	14	0	0	0	0	0	1	22
Pacific Territories	3	0	7	0	0	0	0	0	0	10
Puerto Rico	1	3	16	2	0	0	1	0	1	24
Virgin Islands	0	1	2	0	0	0	0	0	0	3
Unknown	12	6	63	0	0	0	4	0	24	109
Total	3,476	15,518	33,138	209	291	157	539	393	6,370	60,091

Note: The data only include graduates from U.S. MD-granting medical schools from 1978 to 2008.

Source: AAMC Data Warehouse: Minority Physician Database, AMA_Masterfile_R, App_Bio_R, as of 11/30/2009.

Diversity in the Physician Workforce: Facts & Figures 2010

Table 14e: Practice State by Major Professional Activity, White U.S. MD Physicians, 2008

Practice States and Territories	Patient Care			Other Professional Activity				Other		Total
	Hospital Staff	Residents/Fellows	Office-Based	Admin.	Medical Teaching	Other	Research	Inactive	Not Classified	
Alabama	361	811	4,003	44	42	14	51	95	231	5,652
Alaska	161	24	694	13	5	7	7	15	25	951
Arizona	481	560	4,249	86	57	20	39	121	236	5,849
Arkansas	258	378	2,362	15	47	7	19	48	84	3,218
California	2,478	3,797	21,266	369	280	129	533	517	1,870	31,239
Colorado	641	821	5,558	89	65	18	85	164	371	7,812
Connecticut	514	720	3,606	73	66	33	107	73	260	5,452
Delaware	87	115	586	15	6	2	10	13	27	861
District of Columbia	218	511	703	39	13	12	38	17	123	1,674
Florida	1,289	1,335	10,739	167	136	60	88	322	521	14,657
Georgia	702	848	6,764	97	85	54	145	164	407	9,266
Hawaii	188	132	662	18	17	5	6	29	36	1,093
Idaho	167	57	1,392	12	13	4	2	28	48	1,723
Illinois	994	2,201	8,954	150	152	55	143	209	769	13,627
Indiana	568	869	5,293	73	65	33	89	144	219	7,353
Iowa	277	425	2,162	24	40	6	49	49	122	3,154
Kansas	265	396	2,394	26	47	11	10	47	137	3,333
Kentucky	342	732	3,821	44	56	14	22	82	223	5,336
Louisiana	386	760	3,850	32	62	11	22	91	265	5,479
Maine	255	147	1,473	17	30	8	12	43	85	2,070
Maryland	1,159	1,297	4,859	181	108	72	414	137	620	8,847
Massachusetts	1,391	2,465	7,796	140	118	63	435	182	1,137	13,727
Michigan	826	1,609	6,395	124	134	19	109	159	474	9,849
Minnesota	704	1,340	6,127	103	76	29	88	125	387	8,979
Mississippi	312	318	2,008	22	27	10	7	65	95	2,864
Missouri	692	1,200	4,609	63	82	19	99	82	358	7,204
Montana	168	29	1,070	9	6	1	4	32	24	1,343
Nebraska	183	410	1,835	25	32	5	16	32	95	2,633
Nevada	132	76	1,509	14	15	7	4	43	51	1,851
New Hampshire	235	254	1,462	23	14	10	14	35	97	2,144
New Jersey	621	667	5,619	103	91	58	161	155	353	7,828
New Mexico	246	257	1,378	29	25	14	19	38	145	2,151
New York	2,299	4,225	14,113	341	262	91	380	338	1,664	23,713
North Carolina	1,044	1,909	9,098	107	147	47	182	214	586	13,334
North Dakota	86	44	548	6	9	4	2	4	13	716
Ohio	1,250	2,369	9,262	129	159	44	159	227	700	14,299
Oklahoma	227	346	2,213	27	47	10	17	67	114	3,068
Oregon	515	586	4,373	55	44	16	54	118	300	6,061
Pennsylvania	1,606	2,862	10,650	232	207	83	368	298	999	17,305
Rhode Island	186	378	1,093	25	22	6	27	25	107	1,869
South Carolina	547	823	4,159	25	80	10	26	76	221	5,967
South Dakota	103	54	886	12	7	2	1	13	22	1,100
Tennessee	532	1,224	6,230	75	70	28	76	118	336	8,689
Texas	1,617	2,955	14,348	249	232	64	168	330	1,040	21,003
Utah	284	539	2,505	36	32	14	38	54	206	3,708
Vermont	163	237	871	14	17	4	22	26	102	1,456
Virginia	1,189	1,371	6,642	132	111	57	84	164	467	10,217
Washington	848	1,021	6,381	109	82	43	153	170	349	9,156
West Virginia	144	283	1,244	14	40	7	8	33	102	1,875
Wisconsin	697	1,021	5,934	95	75	37	80	135	273	8,347
Wyoming	80	11	497	5	4	0	1	13	6	617
Army Post Office/Fleet Post Office	272	29	309	15	2	4	6	5	53	695
Guam	11	0	18	1	0	0	0	0	1	31
Pacific Territories	5	0	11	0	0	0	0	0	3	19
Puerto Rico	4	248	37	1	0	0	1	3	8	302
Virgin Islands	2	0	12	0	0	0	0	0	0	14
Unknown	55	18	324	3	2	3	12	8	106	531
Total	31,067	48,114	236,956	3,947	3,663	1,384	4,712	5,795	17,673	353,311

Note: The data only include graduates from U.S. MD-granting medical schools from 1978 to 2008.

Source: AAMC Data Warehouse: Minority Physician Database, AMA_Masterfile_R, App_Bio_R, as of 11/30/2009.

Table 15a: Practice State by Age and Sex, Black or African American U.S. MD Physicians, 2008

Practice States and Territories	34 & Younger		35-44		45-54		55 & Older		Total
	W	M	W	M	W	M	W	M	
Alabama	74	29	87	68	79	90	21	63	511
Alaska	0	1	3	4	3	3	3	1	18
Arizona	20	13	53	63	40	55	16	27	287
Arkansas	28	13	44	25	18	39	12	15	194
California	259	180	506	386	450	533	185	302	2,801
Colorado	10	4	30	20	22	27	10	14	137
Connecticut	60	39	61	44	40	29	9	25	307
Delaware	20	7	21	4	15	22	7	10	106
District of Columbia	112	57	112	73	88	86	40	39	607
Florida	221	97	353	288	240	303	63	115	1,680
Georgia	312	126	549	304	393	398	85	162	2,329
Hawaii	8	5	14	11	5	15	2	8	68
Idaho	0	1	2	2	2	4	0	0	11
Illinois	232	114	331	183	250	226	88	113	1,537
Indiana	55	23	76	61	61	71	21	38	406
Iowa	6	9	8	7	8	22	5	11	76
Kansas	21	10	25	15	23	23	3	12	132
Kentucky	28	14	38	32	27	32	8	12	191
Louisiana	107	65	153	109	84	105	33	52	708
Maine	0	1	2	4	5	3	0	5	20
Maryland	316	120	452	247	351	255	118	111	1,970
Massachusetts	152	95	115	104	93	76	25	39	699
Michigan	127	77	209	103	206	188	63	115	1,088
Minnesota	37	23	29	47	23	37	7	9	212
Mississippi	46	18	73	54	57	65	19	36	368
Missouri	68	46	57	44	57	67	19	37	395
Montana	0	0	3	2	1	2	1	1	10
Nebraska	12	7	8	10	8	11	1	6	63
Nevada	8	4	33	24	23	47	7	11	157
New Hampshire	3	2	6	5	4	2	1	1	24
New Jersey	102	54	220	104	176	149	58	77	940
New Mexico	10	4	13	9	15	21	6	12	90
New York	453	217	546	297	383	346	125	154	2,521
North Carolina	220	113	357	185	176	186	41	113	1,391
North Dakota	0	0	4	2	2	3	0	6	17
Ohio	144	90	196	136	135	155	55	93	1,004
Oklahoma	7	4	22	21	20	31	10	19	134
Oregon	11	8	18	18	20	21	8	6	110
Pennsylvania	226	118	189	156	152	137	65	70	1,113
Rhode Island	17	6	17	11	9	10	0	5	75
South Carolina	79	36	90	66	65	74	23	41	474
South Dakota	1	0	0	3	4	2	2	3	15
Tennessee	120	59	173	108	142	177	38	78	895
Texas	378	158	424	300	267	302	73	131	2,033
Utah	6	2	4	2	6	3	1	1	25
Vermont	3	0	2	2	3	1	1	1	13
Virginia	175	73	254	164	172	177	70	81	1,166
Washington	24	19	38	26	32	40	12	20	211
West Virginia	5	4	9	11	5	10	3	5	52
Wisconsin	29	17	36	29	20	26	14	16	187
Wyoming	0	0	0	0	0	0	0	1	1
Army Post Office/Fleet Post Office	7	2	18	12	4	8	3	4	58
Guam	0	0	0	0	1	2	0	1	4
Puerto Rico	21	22	1	2	0	0	1	0	47
Virgin Islands	4	1	14	6	9	9	4	6	53
Unknown	2	3	2	5	8	6	0	7	33
Total	4,386	2,210	6,100	4,018	4,502	4,732	1,485	2,341	29,774

Note: The data only include graduates from U.S. MD-granting medical schools from 1978 to 2008.

Source: AAMC Data Warehouse: Minority Physician Database, AMA_Masterfile_R, App_Bio_R, as of 11/30/2009.

Table 15b: Practice State by Age and Sex, Hispanic or Latino U.S. MD Physicians, 2008

Practice States and Territories	34 & Younger		35-44		45-54		55 & Older		Total
	W	M	W	M	W	M	W	M	
Alabama	9	11	20	34	13	39	0	6	132
Alaska	2	2	10	3	4	6	1	2	30
Arizona	42	53	106	160	73	121	18	50	623
Arkansas	4	6	3	20	6	12	3	4	58
California	399	362	660	905	463	859	115	299	4,062
Colorado	36	22	66	97	47	60	13	36	377
Connecticut	38	37	39	33	30	55	2	5	239
Delaware	7	3	4	4	4	14	0	1	37
District of Columbia	17	30	19	35	8	15	1	1	126
Florida	227	245	406	697	316	821	30	105	2,847
Georgia	30	44	56	88	46	106	3	24	397
Hawaii	8	5	12	18	5	15	3	2	68
Idaho	2	2	5	11	4	24	2	3	53
Illinois	124	109	151	149	96	174	14	30	847
Indiana	22	23	21	41	15	40	4	4	170
Iowa	14	7	9	10	4	17	0	6	67
Kansas	16	21	13	18	15	23	3	7	116
Kentucky	10	16	14	21	13	35	3	4	116
Louisiana	37	41	32	81	27	64	9	11	302
Maine	1	2	8	11	3	5	1	1	32
Maryland	59	52	64	74	58	61	6	9	383
Massachusetts	126	103	107	156	57	88	11	18	666
Michigan	45	44	45	62	33	61	6	17	313
Minnesota	23	27	27	48	22	42	4	11	204
Mississippi	2	4	7	10	3	14	1	2	43
Missouri	32	41	25	43	20	50	8	9	228
Montana	0	0	3	6	8	12	0	4	33
Nebraska	6	9	14	15	5	21	5	4	79
Nevada	6	4	16	35	11	39	1	17	129
New Hampshire	4	14	9	10	7	10	4	3	61
New Jersey	57	48	95	105	87	120	9	15	536
New Mexico	47	44	95	76	52	78	23	55	470
New York	239	256	274	282	188	271	33	70	1,613
North Carolina	43	66	65	91	41	84	4	14	408
North Dakota	0	0	0	5	2	4	0	1	12
Ohio	41	62	55	80	46	73	6	16	379
Oklahoma	8	14	13	22	17	28	3	5	110
Oregon	12	15	43	43	27	44	5	11	200
Pennsylvania	102	102	73	126	53	113	13	25	607
Rhode Island	13	8	11	15	7	15	0	1	70
South Carolina	19	18	17	32	13	32	3	8	142
South Dakota	1	0	3	4	3	5	0	2	18
Tennessee	21	22	34	50	15	41	2	7	192
Texas	384	404	477	837	341	815	79	251	3,588
Utah	13	12	17	19	4	23	0	5	93
Vermont	3	1	3	2	6	4	0	0	19
Virginia	39	35	53	82	47	77	9	16	358
Washington	36	23	59	70	43	56	12	23	322
West Virginia	2	1	3	9	4	18	0	4	41
Wisconsin	28	23	30	54	15	43	6	8	207
Wyoming	0	0	3	3	2	4	0	1	13
Army Post Office/Fleet Post Office	3	3	10	24	3	9	0	1	53
Puerto Rico	288	253	577	666	493	879	70	174	3,400
Virgin Islands	0	0	0	1	0	1	1	0	3
Unknown	0	0	3	2	4	5	1	1	16
Total	2,747	2,749	3,984	5,595	2,929	5,745	550	1,409	25,708

Note: The data only include graduates from U.S. MD-granting medical schools from 1978 to 2008.

Source: AAMC Data Warehouse: Minority Physician Database, AMA_Masterfile_R, App_Bio_R, as of 11/30/2009.

Table 15c: Practice State by Age and Sex, American Indian/Alaska Native U.S. MD Physicians, 2008

Practice States and Territories	34 & Younger		35-44		45-54		55 & Older		Total
	W	M	W	M	W	M	W	M	
Alabama	4	7	8	9	3	6	0	5	42
Alaska	5	1	8	3	6	6	1	2	32
Arizona	11	6	16	24	21	22	6	7	113
Arkansas	4	3	3	9	0	11	2	2	34
California	32	21	67	69	42	52	10	20	313
Colorado	3	6	14	16	6	3	1	2	51
Connecticut	1	1	3	7	1	1	1	1	16
Delaware	0	1	0	2	1	0	0	0	4
District of Columbia	3	1	1	3	0	1	0	0	9
Florida	8	12	19	22	5	21	2	7	96
Georgia	5	11	4	7	7	6	0	3	43
Hawaii	7	3	24	11	4	4	1	2	56
Idaho	3	0	1	3	0	1	0	4	12
Illinois	12	7	13	3	1	3	0	2	41
Indiana	0	4	2	5	2	3	1	1	18
Iowa	1	1	0	6	1	5	0	2	16
Kansas	5	4	3	6	4	7	1	2	32
Kentucky	3	7	4	4	0	1	0	3	22
Louisiana	3	2	4	12	1	4	3	5	34
Maine	1	1	4	0	1	5	1	0	13
Maryland	2	5	3	9	4	3	1	4	31
Massachusetts	9	9	2	9	8	5	0	0	42
Michigan	9	9	12	9	3	8	2	6	58
Minnesota	13	8	17	16	8	10	2	3	77
Mississippi	2	1	4	2	2	0	1	3	15
Missouri	6	5	5	9	3	5	1	3	37
Montana	2	1	3	3	4	5	1	4	23
Nebraska	1	3	1	3	4	2	0	1	15
Nevada	4	0	2	6	2	4	0	3	21
New Hampshire	0	1	1	1	2	1	0	1	7
New Jersey	1	2	2	2	4	1	0	0	12
New Mexico	7	3	12	15	13	8	5	9	72
New York	17	17	7	17	8	8	5	4	83
North Carolina	12	14	15	24	14	21	5	15	120
North Dakota	2	3	6	8	7	11	0	3	40
Ohio	11	9	6	11	3	11	0	5	56
Oklahoma	17	27	31	42	18	36	11	30	212
Oregon	3	2	10	7	4	6	0	2	34
Pennsylvania	8	3	7	6	8	6	5	1	44
Rhode Island	0	1	0	0	2	2	1	0	6
South Carolina	14	1	3	9	4	4	0	2	37
South Dakota	1	1	2	4	5	9	1	2	25
Tennessee	7	6	3	14	4	9	2	2	47
Texas	20	30	28	32	12	32	5	13	172
Utah	1	1	2	9	0	3	0	3	19
Vermont	2	2	1	1	1	0	0	0	7
Virginia	3	8	7	12	5	6	2	3	46
Washington	9	8	17	17	14	16	3	5	89
West Virginia	0	1	0	3	0	4	0	0	8
Wisconsin	7	3	8	8	8	7	1	5	47
Wyoming	0	0	0	2	1	0	2	0	5
Army Post Office/Fleet Post Office	0	0	1	3	0	1	0	1	6
Puerto Rico	0	0	1	0	0	0	0	0	1
Unknown	0	0	0	0	2	1	0	1	4
Total	301	283	417	534	283	407	86	204	2,515

Note: The data only include graduates from U.S. MD-granting medical schools from 1978 to 2008.

Source: AAMC Data Warehouse: Minority Physician Database, AMA_Masterfile_R, App_Bio_R, as of 11/30/2009.

Table 15d: Practice State by Age and Sex, Asian U.S. MD Physicians, 2008

Practice States and Territories	34 & Younger		35-44		45-54		55 & Older		Total
	W	M	W	M	W	M	W	M	
Alabama	41	66	35	65	12	31	3	4	257
Alaska	5	1	21	15	11	8	1	4	66
Arizona	94	118	165	287	52	109	7	19	851
Arkansas	20	25	13	30	12	16	2	8	126
California	2,129	2,142	3,012	4,362	1,044	2,060	187	523	15,459
Colorado	78	66	148	191	42	93	10	12	640
Connecticut	141	150	120	156	41	67	8	6	689
Delaware	25	33	31	45	10	19	1	5	169
District of Columbia	140	110	62	89	12	14	4	5	436
Florida	256	320	307	547	113	258	30	111	1,942
Georgia	186	216	212	348	51	115	8	25	1,161
Hawaii	96	101	186	234	155	349	49	127	1,297
Idaho	2	6	11	19	9	12	0	4	63
Illinois	763	811	629	821	146	257	18	48	3,493
Indiana	54	100	87	202	38	94	5	19	599
Iowa	35	39	23	44	13	33	4	7	198
Kansas	42	44	40	58	16	21	3	2	226
Kentucky	50	58	47	80	17	38	3	7	300
Louisiana	66	83	75	108	13	58	6	18	427
Maine	5	3	13	16	4	6	0	6	53
Maryland	331	322	401	467	108	202	17	37	1,885
Massachusetts	602	574	542	599	135	187	21	30	2,690
Michigan	265	389	208	341	49	124	7	22	1,405
Minnesota	104	101	116	202	41	86	8	17	675
Mississippi	10	17	10	25	6	17	0	5	90
Missouri	196	182	127	198	40	85	3	21	852
Montana	2	0	9	8	5	6	1	2	33
Nebraska	23	27	16	29	5	14	0	2	116
Nevada	37	32	73	176	23	80	1	11	433
New Hampshire	11	22	22	35	8	13	1	1	113
New Jersey	296	329	332	519	102	191	24	34	1,827
New Mexico	28	32	42	33	16	23	7	7	188
New York	1,209	1,153	922	1,132	226	405	41	69	5,157
North Carolina	195	230	222	322	58	117	7	12	1,163
North Dakota	3	3	3	3	0	4	0	3	19
Ohio	361	427	296	446	87	181	16	33	1,847
Oklahoma	26	33	27	59	14	42	4	4	209
Oregon	99	68	171	208	69	108	7	22	752
Pennsylvania	559	645	396	540	108	212	17	34	2,511
Rhode Island	71	46	27	43	7	18	2	4	218
South Carolina	30	50	47	73	12	40	0	2	254
South Dakota	1	0	1	5	1	4	1	1	14
Tennessee	66	100	79	174	33	74	8	10	544
Texas	736	781	721	1,234	157	452	38	90	4,209
Utah	33	35	35	61	17	29	4	10	224
Vermont	13	9	14	17	4	2	1	3	63
Virginia	234	210	343	420	81	169	9	27	1,493
Washington	198	194	316	460	130	226	30	51	1,605
West Virginia	16	30	17	39	6	11	3	1	123
Wisconsin	90	111	113	172	37	83	5	10	621
Wyoming	1	1	1	0	2	5	0	1	11
Army Post Office/Fleet Post Office	8	12	17	33	3	14	1	1	89
Guam	1	1	2	7	2	8	0	1	22
Pacific Territories	0	0	2	2	0	5	0	1	10
Puerto Rico	1	2	0	1	4	10	4	2	24
Virgin Islands	0	1	1	0	1	0	0	0	3
Unknown	6	6	26	26	10	29	2	3	108
Total	10,090	10,667	10,934	15,826	3,418	6,934	639	1,544	60,052

Note: The data only include graduates from U.S. MD-granting medical schools from 1978 to 2008.

Source: AAMC Data Warehouse: Minority Physician Database, AMA_Masterfile_R, App_Bio_R, as of 11/30/2009.

Table 15e: Practice State by Age and Sex, White U.S. MD Physicians, 2008

Practice States and Territories	34 & Younger		35-44		45-54		55 & Older		Total
	W	M	W	M	W	M	W	M	
Alabama	404	602	473	1,129	474	1,643	174	753	5,652
Alaska	34	34	133	176	129	280	42	123	951
Arizona	341	366	672	1,077	717	1,656	292	728	5,849
Arkansas	202	306	294	629	244	962	135	446	3,218
California	2,224	2,340	3,691	5,702	3,658	7,941	1,736	3,943	31,235
Colorado	538	517	1,102	1,538	1,050	1,887	360	820	7,812
Connecticut	404	372	617	889	742	1,512	300	616	5,452
Delaware	70	77	107	131	87	247	40	102	861
District of Columbia	290	273	235	249	151	270	75	131	1,674
Florida	772	1,026	1,328	2,825	1,460	4,791	535	1,918	14,655
Georgia	510	657	978	1,990	876	2,775	352	1,127	9,265
Hawaii	61	87	114	213	110	270	67	171	1,093
Idaho	47	63	167	438	167	562	55	224	1,723
Illinois	1,360	1,420	1,554	2,448	1,511	3,498	550	1,286	13,627
Indiana	541	656	745	1,410	772	2,119	260	850	7,353
Iowa	216	308	336	593	320	881	105	394	3,153
Kansas	277	300	365	630	336	941	124	360	3,333
Kentucky	448	562	539	1,071	538	1,382	201	594	5,335
Louisiana	406	567	532	1,197	473	1,475	187	641	5,478
Maine	100	79	257	332	315	581	116	290	2,070
Maryland	687	741	1,082	1,519	1,130	2,236	497	954	8,846
Massachusetts	1,381	1,305	1,934	2,260	1,875	2,950	740	1,279	13,724
Michigan	839	1,100	1,103	1,757	1,047	2,555	385	1,062	9,848
Minnesota	771	815	1,104	1,549	1,083	2,222	409	1,026	8,979
Mississippi	153	283	209	656	208	896	93	365	2,863
Missouri	714	828	719	1,264	726	1,930	232	791	7,204
Montana	35	38	157	240	158	453	65	197	1,343
Nebraska	247	315	310	482	243	691	89	256	2,633
Nevada	60	82	169	407	193	637	64	239	1,851
New Hampshire	118	123	283	378	305	601	77	259	2,144
New Jersey	388	500	845	1,425	1,022	2,404	342	902	7,828
New Mexico	117	152	267	339	315	450	205	306	2,151
New York	2,301	2,597	2,679	3,958	2,852	5,962	1,095	2,266	23,710
North Carolina	1,085	1,197	1,539	2,682	1,345	3,601	462	1,423	13,334
North Dakota	41	33	72	115	83	238	24	110	716
Ohio	1,312	1,623	1,517	2,617	1,529	3,787	526	1,387	14,298
Oklahoma	182	279	274	569	312	868	138	446	3,068
Oregon	402	337	808	1,151	771	1,435	381	774	6,059
Pennsylvania	1,516	1,780	1,807	2,842	1,947	4,695	764	1,952	17,303
Rhode Island	211	185	267	314	244	435	63	150	1,869
South Carolina	484	630	592	1,288	498	1,642	188	645	5,967
South Dakota	51	59	135	185	108	356	38	168	1,100
Tennessee	634	844	804	1,738	782	2,641	251	994	8,688
Texas	1,637	2,120	2,234	4,208	2,159	5,593	776	2,272	20,999
Utah	249	353	337	912	287	1,023	102	445	3,708
Vermont	121	110	194	225	219	346	91	149	1,455
Virginia	827	851	1,188	1,885	1,150	2,680	456	1,179	10,216
Washington	559	565	1,137	1,604	1,207	2,334	564	1,186	9,156
West Virginia	152	228	186	357	152	494	68	238	1,875
Wisconsin	624	679	948	1,487	973	2,379	311	945	8,346
Wyoming	16	15	59	121	61	187	39	119	617
Army Post Office/Fleet Post Office	54	71	93	275	37	123	15	27	695
Guam	0	2	2	15	1	6	1	4	31
Pacific Territories	1	3	2	3	2	4	1	3	19
Puerto Rico	145	107	7	9	11	16	4	2	301
Virgin Islands	0	0	0	2	3	4	1	4	14
Unknown	11	14	57	74	86	164	59	65	530
Total	27,370	31,576	39,359	65,579	39,254	94,711	15,322	40,106	353,277

Note: The data only include graduates from U.S. MD-granting medical schools from 1978 to 2008.

Source: AAMC Data Warehouse: Minority Physician Database, AMA_Masterfile_R, App_Bio_R, as of 11/30/2009.

Table 16a: Practice State by Primary Care vs. Non-Primary Care, Black or African American U.S. MD Physicians, 2008

Practice States and Territories	Primary Care				Non-Primary Care	Total
	Family/ General Practice	Internal Medicine	Obstetrics/ Gynecology	Pediatrics		
Alabama	115	126	47	66	157	511
Alaska	3	1	1	2	11	18
Arizona	41	43	35	25	143	287
Arkansas	39	35	17	19	84	194
California	365	443	283	314	1,396	2,801
Colorado	25	21	13	8	70	137
Connecticut	12	74	34	35	152	307
Delaware	20	24	17	17	28	106
District of Columbia	33	122	48	71	333	607
Florida	267	304	199	199	711	1,680
Georgia	369	450	288	304	918	2,329
Hawaii	10	14	6	4	34	68
Idaho	2	2	1	0	6	11
Illinois	231	302	192	170	642	1,537
Indiana	67	70	49	45	175	406
Iowa	10	8	6	4	48	76
Kansas	27	12	14	16	63	132
Kentucky	28	29	15	22	97	191
Louisiana	125	124	77	114	268	708
Maine	4	1	1	2	12	20
Maryland	195	395	190	272	918	1,970
Massachusetts	30	172	57	76	364	699
Michigan	134	205	128	100	521	1,088
Minnesota	27	38	22	12	113	212
Mississippi	84	89	47	36	112	368
Missouri	51	74	37	55	178	395
Montana	3	1	0	2	4	10
Nebraska	10	13	3	7	30	63
Nevada	15	26	29	16	72	158
New Hampshire	1	5	1	1	16	24
New Jersey	75	173	141	110	441	940
New Mexico	15	10	10	9	46	90
New York	174	524	322	270	1,231	2,521
North Carolina	259	262	143	169	558	1,391
North Dakota	2	0	0	0	15	17
Ohio	154	181	93	137	439	1,004
Oklahoma	24	24	16	13	57	134
Oregon	9	17	11	9	64	110
Pennsylvania	113	216	142	110	532	1,113
Rhode Island	8	16	9	9	33	75
South Carolina	116	95	39	51	173	474
South Dakota	5	3	0	1	6	15
Tennessee	148	206	98	107	336	895
Texas	289	313	261	255	915	2,033
Utah	3	2	1	7	12	25
Vermont	0	6	2	2	3	13
Virginia	198	188	124	152	504	1,166
Washington	29	33	15	22	112	211
West Virginia	3	3	4	2	40	52
Wisconsin	40	29	29	17	72	187
Wyoming	0	0	0	0	1	1
Army Post Office/Fleet Post Office	19	3	7	7	22	58
Guam	1	0	0	0	3	4
Puerto Rico	0	12	3	3	29	47
Virgin Islands	7	8	8	5	25	53
Unknown	6	3	3	4	17	33
Total	4,040	5,550	3,338	3,485	13,362	29,775

Note: The data only include graduates from U.S. MD-granting medical schools from 1978 to 2008.
Source: AAMC Data Warehouse: Minority Physician Database, AMA_Masterfile_R, App_Bio_R, as of 11/30/2009.

Table 16b: Practice State by Primary Care vs. Non-Primary Care, Hispanic or Latino U.S. MD Physicians, 2008

Practice States and Territories	Primary Care				Non-Primary Care	Total
	Family/ General Practice	Internal Medicine	Obstetrics/ Gynecology	Pediatrics		
Alabama	10	21	6	20	75	132
Alaska	7	3	1	5	14	30
Arizona	100	89	56	83	295	623
Arkansas	9	9	4	12	24	58
California	909	649	292	527	1,685	4,062
Colorado	89	62	26	33	167	377
Connecticut	16	43	20	30	130	239
Delaware	2	3	5	3	24	37
District of Columbia	11	22	6	16	71	126
Florida	269	524	236	350	1,468	2,847
Georgia	30	56	42	46	223	397
Hawaii	8	12	9	7	33	69
Idaho	14	3	6	2	28	53
Illinois	120	133	76	98	420	847
Indiana	19	25	14	22	90	170
Iowa	13	5	3	6	40	67
Kansas	30	12	9	12	53	116
Kentucky	13	11	8	11	73	116
Louisiana	22	52	17	28	183	302
Maine	2	9	2	2	17	32
Maryland	26	75	22	31	229	383
Massachusetts	31	146	35	72	382	666
Michigan	34	44	20	36	180	314
Minnesota	31	38	6	17	112	204
Mississippi	1	6	8	3	25	43
Missouri	18	32	14	37	127	228
Montana	7	3	1	3	19	33
Nebraska	19	11	5	7	37	79
Nevada	17	16	13	7	76	129
New Hampshire	5	11	2	7	36	61
New Jersey	41	113	53	64	266	537
New Mexico	115	90	29	61	175	470
New York	87	305	98	190	933	1,613
North Carolina	56	50	35	37	230	408
North Dakota	2	2	0	0	8	12
Ohio	48	62	28	38	203	379
Oklahoma	23	16	5	13	53	110
Oregon	39	26	16	13	106	200
Pennsylvania	40	84	38	55	390	607
Rhode Island	3	10	10	7	40	70
South Carolina	23	10	9	16	84	142
South Dakota	1	4	1	1	11	18
Tennessee	14	27	13	24	114	192
Texas	653	515	304	457	1,659	3,588
Utah	15	16	1	10	51	93
Vermont	4	5	1	2	7	19
Virginia	44	45	28	46	195	358
Washington	87	46	11	27	151	322
West Virginia	5	8	5	1	22	41
Wisconsin	46	33	12	19	97	207
Wyoming	4	3	0	0	6	13
Army Post Office/Fleet Post Office	13	3	8	8	21	53
Puerto Rico	341	576	220	372	1,897	3,406
Virgin Islands	2	1	0	0	0	3
Unknown	4	2	1	1	8	16
Total	3,592	4,177	1,890	2,995	13,063	25,717

Note: The data only include graduates from U.S. MD-granting medical schools from 1978 to 2008.
Source: AAMC Data Warehouse: Minority Physician Database, AMA_Masterfile_R, App_Bio_R, as of 11/30/2009.

Table 16c: Practice State by Primary Care vs. Non-Primary Care, American Indian/Alaska Native U.S. MD Physicians, 2008

Practice States and Territories	Primary Care				Non-Primary Care	Total
	Family/General Practice	Internal Medicine	Obstetrics/Gynecology	Pediatrics		
Alabama	11	8	2	4	17	42
Alaska	19	2	3	0	8	32
Arizona	28	17	6	17	45	113
Arkansas	9	3	1	5	16	34
California	60	43	23	20	167	313
Colorado	10	7	4	2	28	51
Connecticut	0	3	0	0	13	16
Delaware	1	0	0	0	3	4
District of Columbia	0	3	0	3	3	9
Florida	12	9	9	7	59	96
Georgia	6	5	2	3	27	43
Hawaii	15	10	3	5	23	56
Idaho	8	0	0	0	4	12
Illinois	6	3	2	6	24	41
Indiana	6	1	1	0	10	18
Iowa	2	3	0	1	10	16
Kansas	13	3	2	2	12	32
Kentucky	3	4	0	3	12	22
Louisiana	4	7	3	1	19	34
Maine	5	0	0	0	8	13
Maryland	4	1	0	5	21	31
Massachusetts	5	7	2	1	27	42
Michigan	13	4	5	5	31	58
Minnesota	25	8	4	9	31	77
Mississippi	4	6	1	1	3	15
Missouri	7	5	5	2	18	37
Montana	14	0	2	3	4	23
Nebraska	4	2	0	1	8	15
Nevada	4	4	1	2	10	21
New Hampshire	1	0	0	1	5	7
New Jersey	1	1	1	3	6	12
New Mexico	21	13	5	10	23	72
New York	6	9	9	8	51	83
North Carolina	38	17	13	13	39	120
North Dakota	22	4	2	2	10	40
Ohio	6	12	3	4	31	56
Oklahoma	60	28	9	21	94	212
Oregon	14	3	3	2	12	34
Pennsylvania	6	5	7	5	21	44
Rhode Island	0	0	0	1	5	6
South Carolina	14	4	3	2	14	37
South Dakota	10	6	1	1	7	25
Tennessee	0	9	4	2	32	47
Texas	31	19	13	17	92	172
Utah	6	1	0	2	10	19
Vermont	1	1	2	1	2	7
Virginia	5	3	4	4	30	46
Washington	31	13	5	6	34	89
West Virginia	3	1	0	0	4	8
Wisconsin	17	4	2	6	18	47
Wyoming	1	1	0	0	3	5
Army Post Office/Fleet Post Office	0	1	0	1	4	6
Puerto Rico	0	0	0	0	1	1
Unknown	2	0	1	1	0	4
Total	594	323	168	221	1,209	2,515

Note: The data only include graduates from U.S. MD-granting medical schools from 1978 to 2008.
 Source: AAMC Data Warehouse: Minority Physician Database, AMA_Masterfile_R, App_Bio_R, as of 11/30/2009.

Table 16d: Practice State by Primary Care vs. Non-Primary Care, Asian U.S. MD Physicians, 2008

Practice States and Territories	Primary Care				Non-Primary Care	Total
	Family/ General Practice	Internal Medicine	Obstetrics/ Gynecology	Pediatrics		
Alabama	21	63	13	20	140	257
Alaska	15	6	4	8	33	66
Arizona	63	138	44	96	510	851
Arkansas	15	19	7	11	74	126
California	1,381	3,574	750	1,659	8,097	15,461
Colorado	69	129	24	62	356	640
Connecticut	22	170	33	63	403	691
Delaware	14	29	7	20	99	169
District of Columbia	12	106	12	64	243	437
Florida	142	329	95	141	1,238	1,945
Georgia	65	250	52	112	683	1,162
Hawaii	120	314	95	167	601	1,297
Idaho	7	11	4	4	37	63
Illinois	194	826	166	306	2,003	3,495
Indiana	47	86	30	44	393	600
Iowa	24	21	10	12	131	198
Kansas	20	40	9	31	126	226
Kentucky	25	69	11	26	169	300
Louisiana	34	94	21	40	238	427
Maine	7	10	1	3	32	53
Maryland	73	430	80	180	1,122	1,885
Massachusetts	75	638	85	247	1,647	2,692
Michigan	76	219	62	119	932	1,408
Minnesota	63	111	31	54	417	676
Mississippi	13	16	2	9	50	90
Missouri	33	192	33	100	494	852
Montana	8	3	2	3	17	33
Nebraska	12	25	5	8	66	116
Nevada	45	85	27	38	238	433
New Hampshire	8	25	2	4	74	113
New Jersey	76	373	105	172	1,101	1,827
New Mexico	22	37	13	23	93	188
New York	108	1,075	287	445	3,245	5,160
North Carolina	107	225	42	121	670	1,165
North Dakota	3	3	0	2	11	19
Ohio	121	367	89	152	1,119	1,848
Oklahoma	39	42	6	13	109	209
Oregon	74	170	49	48	413	754
Pennsylvania	128	497	100	202	1,585	2,512
Rhode Island	8	59	6	27	118	218
South Carolina	33	56	10	26	130	255
South Dakota	3	1	1	2	8	15
Tennessee	39	94	28	53	332	546
Texas	366	882	178	444	2,340	4,210
Utah	16	41	9	26	135	227
Vermont	7	15	1	4	37	64
Virginia	140	340	68	142	803	1,493
Washington	170	335	64	138	898	1,605
West Virginia	14	19	3	13	74	123
Wisconsin	48	110	28	58	379	623
Wyoming	2	1	0	3	5	11
Army Post Office/Fleet Post Office	23	7	3	11	45	89
Guam	6	5	2	2	7	22
Pacific Territories	5	2	0	2	1	10
Puerto Rico	1	6	2	3	12	24
Virgin Islands	0	1	0	0	2	3
Unknown	5	18	2	8	76	109
Total	4,267	12,809	2,813	5,791	34,411	60,091

Note: The data only include graduates from U.S. MD-granting medical schools from 1978 to 2008.
Source: AAMC Data Warehouse: Minority Physician Database, AMA_Masterfile_R, App_Bio_R, as of 11/30/2009.

Table 16e: Practice State by Primary Care vs. Non-Primary Care, White U.S. MD Physicians, 2008

Practice States and Territories	Primary Care				Non-Primary Care	Total
	Family/ General Practice	Internal Medicine	Obstetrics/ Gynecology	Pediatrics		
Alabama	725	911	368	505	3,143	5,652
Alaska	263	92	52	70	474	951
Arizona	728	765	361	533	3,462	5,849
Arkansas	763	318	171	348	1,618	3,218
California	3,259	4,925	1,809	2,856	18,390	31,239
Colorado	1,299	1,221	463	729	4,100	7,812
Connecticut	275	1,024	371	607	3,175	5,452
Delaware	103	107	34	126	491	861
District of Columbia	80	333	85	211	965	1,674
Florida	1,464	1,847	838	1,125	9,383	14,657
Georgia	992	1,375	590	908	5,401	9,266
Hawaii	136	145	73	106	633	1,093
Idaho	434	181	95	107	906	1,723
Illinois	1,508	2,220	844	1,336	7,719	13,627
Indiana	1,397	885	406	714	3,951	7,353
Iowa	739	337	144	238	1,696	3,154
Kansas	768	377	185	290	1,713	3,333
Kentucky	772	744	346	611	2,863	5,336
Louisiana	638	814	356	518	3,153	5,479
Maine	414	343	112	171	1,030	2,070
Maryland	518	1,591	420	925	5,393	8,847
Massachusetts	738	3,054	640	1,647	7,648	13,727
Michigan	1,270	1,320	647	898	5,714	9,849
Minnesota	1,893	1,295	430	821	4,540	8,979
Mississippi	429	430	187	249	1,569	2,864
Missouri	846	1,042	424	859	4,033	7,204
Montana	313	183	71	73	703	1,343
Nebraska	581	365	140	225	1,322	2,633
Nevada	223	215	136	127	1,150	1,851
New Hampshire	311	334	153	203	1,143	2,144
New Jersey	491	1,158	481	730	4,968	7,828
New Mexico	391	325	124	203	1,108	2,151
New York	1,291	3,981	1,271	2,269	14,901	23,713
North Carolina	1,779	1,944	845	1,332	7,434	13,334
North Dakota	201	69	34	43	369	716
Ohio	1,910	1,926	830	1,771	7,862	14,299
Oklahoma	567	365	186	249	1,701	3,068
Oregon	894	1,110	338	503	3,216	6,061
Pennsylvania	2,000	2,767	842	1,635	10,061	17,305
Rhode Island	134	354	123	251	1,007	1,869
South Carolina	946	722	377	590	3,332	5,967
South Dakota	301	132	58	63	546	1,100
Tennessee	1,062	1,362	523	965	4,777	8,689
Texas	2,639	2,414	1,434	2,005	12,511	21,003
Utah	561	470	214	397	2,066	3,708
Vermont	247	256	79	132	742	1,456
Virginia	1,422	1,483	627	999	5,686	10,217
Washington	1,663	1,411	435	804	4,843	9,156
West Virginia	395	212	102	191	975	1,875
Wisconsin	1,567	1,067	423	762	4,528	8,347
Wyoming	180	58	41	33	305	617
Army Post Office/Fleet Post Office	185	68	41	72	329	695
Guam	9	3	1	1	17	31
Pacific Territories	7	2	2	3	5	19
Puerto Rico	11	73	12	29	177	302
Virgin Islands	3	2	0	1	8	14
Unknown	74	76	14	53	314	531
Total	44,809	52,603	20,408	34,222	201,269	353,311

Note: The data only include graduates from U.S. MD-granting medical schools from 1978 to 2008.
 Source: AAMC Data Warehouse: Minority Physician Database, AMA_Masterfile_R, App_Bio_R, as of 11/30/2009.

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Table 17: Primary Care vs. Non-Primary Care by Race, Ethnicity, and Census Size of Practice Areas, 2008

Race/ Ethnicity	Care Status	1 Million or More	250,000- 999,999	100,000- 249,999	Less than 100,000	Total
Asian	Primary Care	21,448	2,602	777	841	25,668
	Family/General Practice	3,201	542	210	313	4,266
	Internal Medicine	10,958	1,190	364	290	12,802
	Obstetrics/Gynecology	2,326	309	77	98	2,810
	Pediatrics	4,963	561	126	140	5,790
	Non-Primary Care	28,736	3,422	1,171	1,055	34,384
	Subtotal	50,184	6,024	1,948	1,896	60,052
Black or African American	Primary Care	12,403	2,200	730	1,079	16,412
	Family/General Practice	2,665	725	247	403	4,040
	Internal Medicine	4,368	675	215	292	5,550
	Obstetrics/Gynecology	2,605	398	131	203	3,337
	Pediatrics	2,765	402	137	181	3,485
	Non-Primary Care	10,613	1,567	553	629	13,362
	Subtotal	23,016	3,767	1,283	1,708	29,774
American Indian / Alaska Native	Primary Care	563	262	139	342	1,306
	Family/General Practice	194	110	78	212	594
	Internal Medicine	152	72	31	68	323
	Obstetrics/Gynecology	93	35	14	26	168
	Pediatrics	124	45	16	36	221
	Non-Primary Care	702	276	92	139	1,209
	Subtotal	1,265	538	231	481	2,515
Hispanic / Latino	Primary Care	9,191	2,042	663	757	12,653
	Family/General Practice	2,311	666	263	351	3,591
	Internal Medicine	3,215	602	200	160	4,177
	Obstetrics/Gynecology	1,349	337	93	111	1,890
	Pediatrics	2,316	437	107	135	2,995
	Non-Primary Care	9,931	1,878	630	616	13,055
	Subtotal	19,122	3,920	1,293	1,373	25,708
White	Primary Care	93,458	25,093	12,355	21,123	152,029
	Family/General Practice	20,030	8,610	4,772	11,393	44,805
	Internal Medicine	36,246	7,818	3,864	4,671	52,599
	Obstetrics/Gynecology	13,083	3,418	1,675	2,232	20,408
	Pediatrics	24,099	5,247	2,044	2,827	34,217
	Non-Primary Care	133,392	33,567	16,505	17,784	201,248
	Subtotal	226,850	58,660	28,860	38,907	353,277
	Total	320,437	72,909	33,615	44,365	471,326

Note: The data only include graduates from U.S. MD-granting medical schools from 1978 to 2008.

Source: AAMC Data Warehouse: Minority Physician Database, AMA_Masterfile_R, App_Bio_R, as of 11/30/2009.

Table 18: Primary Care vs. Non-Primary Care by Race, Ethnicity, Age, and Sex, 2008

Race/ Ethnicity	Care Status	34 & Younger		35-44		45-54		55 & Older		Total
		W	M	W	M	W	M	W	M	
Asian	Primary Care									
	Family/General Practice	628	400	1,047	1,101	322	552	69	147	4,266
	Internal Medicine	2,408	2,426	2,424	2,998	761	1,307	153	325	12,802
	Obstetrics/Gynecology	643	98	971	371	291	290	47	99	2,810
	Pediatrics	1,682	617	1,773	847	459	276	72	64	5,790
	Non-Primary Care	4,729	7,126	4,719	10,509	1,585	4,509	298	909	34,384
	Subtotal	10,090	10,667	10,934	15,826	3,418	6,934	639	1,544	60,052
Black or African American	Primary Care									
	Family/General Practice	492	149	1,083	515	643	570	241	347	4,040
	Internal Medicine	720	433	966	662	847	1,003	328	591	5,550
	Obstetrics/Gynecology	623	70	995	216	648	362	173	250	3,337
	Pediatrics	818	130	1,067	251	674	209	220	116	3,485
	Non-Primary Care	1,733	1,428	19,879	2,374	1,690	2,588	523	1,037	13,362
	Subtotal	4,386	2,210	6,100	4,018	4,502	4,732	1,485	2,341	29,774
American Indian / Alaska Native	Primary Care									
	Family/General Practice	58	40	112	107	82	106	22	67	594
	Internal Medicine	35	34	46	66	49	53	13	27	323
	Obstetrics/Gynecology	38	6	52	11	24	16	8	13	168
	Pediatrics	45	14	73	33	21	24	6	5	221
	Non-Primary Care	125	189	134	317	107	208	37	92	1,209
	Subtotal	301	283	417	534	283	407	86	204	2,515
Hispanic / Latino	Primary Care									
	Family/General Practice	293	227	634	759	438	799	104	337	3,591
	Internal Medicine	448	480	592	866	520	974	85	212	4,177
	Obstetrics/Gynecology	281	77	417	283	256	424	58	94	1,890
	Pediatrics	535	207	809	375	549	333	91	96	2,995
	Non-Primary Care	1,190	1,758	1,532	3,312	1,166	3,215	212	670	13,055
	Subtotal	2,747	2,749	3,984	5,595	2,929	5,745	550	1,409	25,708
White	Primary Care									
	Family/General Practice	3,132	2,374	6,342	8,048	5,397	11,463	2,123	5,926	44,805
	Internal Medicine	4,057	5,033	5,829	8,398	6,779	13,460	2,828	6,215	52,599
	Obstetrics/Gynecology	2,700	543	4,167	2,156	3,667	4,028	1,306	1,841	20,408
	Pediatrics	5,725	2,314	7,628	4,610	5,798	4,587	1,728	1,827	34,217
	Non-Primary Care	11,756	21,312	15,393	42,367	17,613	61,173	7,337	24,297	201,248
	Subtotal	27,370	31,576	39,359	65,579	39,254	94,711	15,322	40,106	353,277
	Total	44,894	47,485	60,794	91,552	50,386	112,529	18,082	45,604	471,326

Note: The data only include graduates from U.S. MD-granting medical schools from 1978 to 2008.

Source: AAMC Data Warehouse: Minority Physician Database, AMA_Masterfile_R, App_Bio_R, as of 11/30/2009.

Table 19: Major Professional Activity by Census Division, Race, and Ethnicity, 2008

Census Division	Major Professional Activity	Asian	Black or African American	American Indian/Alaska Native	Hispanic/Latino	White	Total	
New England	Patient Care	Hospital Staff	250	88	7	87	2,748	3,180
		Resident/Fellows	1,368	348	29	312	4,202	6,259
		Office-Based	1,524	510	39	532	16,309	18,914
	Other Professional Activity	Administration	11	9	0	7	292	319
		Medical Teaching	18	8	0	5	267	298
		Other	8	3	0	8	125	144
		Research	68	11	0	13	618	710
	Other	Inactive	18	14	2	8	384	426
		Not Classified	578	146	14	115	1,791	2,644
	Total		3,843	1,137	91	1,087	26,736	32,894
Middle Atlantic	Patient Care	Hospital Staff	530	385	8	224	4,528	5,675
		Resident/Fellows	3,308	1,044	45	691	7,754	12,842
		Office-Based	4,181	2,460	59	1,466	30,396	38,562
	Other Professional Activity	Administration	28	58	4	30	676	796
		Medical Teaching	50	29	1	22	560	662
		Other	30	15	0	7	232	284
		Research	92	27	2	24	910	1,055
	Other	Inactive	53	64	4	30	791	942
		Not Classified	1,228	496	16	264	3,023	5,027
	Total		9,500	4,578	139	2,758	48,870	65,845
East North Central	Patient Care	Hospital Staff	421	318	18	146	4,335	5,238
		Resident/Fellows	2,610	789	69	465	8,069	12,002
		Office-Based	3,918	2,556	113	1,093	35,853	43,533
	Other Professional Activity	Administration	18	61	0	10	571	660
		Medical Teaching	34	35	3	12	585	669
		Other	13	13	0	4	189	219
		Research	67	27	1	7	580	682
	Other	Inactive	43	76	2	22	874	1,017
		Not Classified	854	348	14	159	2,438	3,813
	Total		7,978	4,223	220	1,918	53,494	67,833
West North Central	Patient Care	Hospital Staff	113	79	24	62	2,311	2,589
		Resident/Fellows	665	196	55	185	3,870	4,971
		Office-Based	1,084	527	134	415	18,566	20,726
	Other Professional Activity	Administration	7	10	3	5	259	284
		Medical Teaching	8	7	1	1	293	310
		Other	4	1	0	1	76	82
		Research	25	5	0	7	265	302
	Other	Inactive	13	10	3	3	353	382
		Not Classified	184	76	22	44	1,136	1,462
	Total		2,103	911	242	723	27,129	31,108
South Atlantic	Patient Care	Hospital Staff	604	820	32	384	6,385	8,225
		Resident/Fellows	2,065	1,521	84	704	8,493	12,867
		Office-Based	4,841	6,299	235	3,169	44,811	59,355
	Other Professional Activity	Administration	20	98	2	36	777	933
		Medical Teaching	48	55	3	37	726	869
		Other	27	30	1	14	320	392
		Research	82	68	2	38	996	1,186
	Other	Inactive	66	144	4	55	1,142	1,411
		Not Classified	884	743	31	301	3,078	5,037
	Total		8,637	9,778	394	4,738	66,728	90,275

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Table 19 (cont.): Major Professional Activity by Census Division, Race, and Ethnicity, 2008

Census Division	Major Professional Activity	Asian	Black or African American	American Indian/ Alaska Native	Hispanic/Latino	White	Total	
East South Central	Patient Care	Hospital Staff	63	147	5	42	1,547	1,804
		Resident/Fellows	308	313	40	88	3,085	3,834
		Office-Based	703	1,276	66	305	16,065	18,415
	Other Professional Activity	Administration	3	27	1	3	185	219
		Medical Teaching	4	16	1	7	195	223
		Other	1	6	1	1	67	76
		Research	6	9	0	4	156	175
	Other	Inactive	12	35	6	5	360	418
		Not Classified	93	136	6	28	887	1,150
	Total		1,193	1,965	126	483	22,547	26,314
West South Central	Patient Care	Hospital Staff	283	219	38	262	2,485	3,287
		Resident/Fellows	1,243	549	85	693	4,439	7,009
		Office-Based	2,827	1,976	288	2,704	22,778	30,573
	Other Professional Activity	Administration	17	25	2	28	323	395
		Medical Teaching	29	28	3	29	388	477
		Other	10	4	0	4	92	110
		Research	23	9	2	14	227	275
	Other	Inactive	27	32	12	40	536	647
		Not Classified	515	227	22	285	1,503	2,552
	Total		4,974	3,069	452	4,059	32,771	45,325
Mountain	Patient Care	Hospital Staff	148	69	37	101	2,199	2,554
		Resident/Fellows	390	64	48	241	2,350	3,093
		Office-Based	1,632	506	196	1,261	18,161	21,756
	Other Professional Activity	Administration	6	5	6	14	280	311
		Medical Teaching	13	3	1	14	217	248
		Other	6	3	0	1	78	88
		Research	14	4	1	13	192	224
	Other	Inactive	23	13	3	29	493	561
		Not Classified	216	52	24	118	1,088	1,498
	Total		2,448	719	316	1,792	25,058	30,333
Pacific	Patient Care	Hospital Staff	1,025	249	47	292	4,193	5,806
		Resident/Fellows	3,546	415	80	723	5,562	10,326
		Office-Based	12,295	2,145	328	3,154	33,392	51,314
	Other Professional Activity	Administration	97	30	3	37	564	731
		Medical Teaching	87	26	1	23	429	566
		Other	56	13	3	16	200	288
		Research	160	31	0	32	753	976
	Other	Inactive	138	46	9	59	849	1,101
		Not Classified	1,788	254	54	347	2,587	5,030
	Total		19,192	3,209	525	4,683	48,529	76,138
Outside of the US	Patient Care	Hospital Staff	31	27	0	253	288	599
		Resident/Fellows	11	47	0	294	275	627
		Office-Based	87	67	5	2,423	380	2,962
	Other Professional Activity	Administration	2	3	0	35	17	57
		Medical Teaching	0	0	0	42	2	44
		Other	2	1	0	13	4	20
		Research	1	0	1	9	6	17
	Other	Inactive	0	0	0	31	7	38
		Not Classified	12	16	1	360	63	452
	Total		146	161	7	3,460	1,042	4,816

Note: The data only include graduates from U.S. MD-granting medical schools from 1978 to 2008.

Source: AAMC Data Warehouse: Minority Physician Database, AMA_Masterfile_R, App_Bio_R, as of 11/30/2009.

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Table 20: Primary Care vs. Non-Primary Care by Race, Ethnicity, Census Size of Practice Area, and Sex, 2008

Race & Ethnicity	Census Size of Practice Area	Primary Care			Non-Primary Care			Total
		W	M	Subtotal	W	M	Subtotal	
Asian	1 Million or More	12,615	11,762	24,377	8,936	16,872	25,808	50,185
	250,000 - 999,999	1,355	1,589	2,944	830	2,251	3,081	6,025
	100,000 - 249,999	401	486	887	315	747	1,062	1,949
	Less than 100,000	394	542	936	237	723	960	1,896
	Total	14,765	14,379	29,144	10,318	20,593	30,911	60,055
Black or African American	1 Million or More	8,813	4,953	13,766	4,332	4,918	9,250	23,016
	250,000 - 999,999	1,358	1,031	2,389	560	818	1,378	3,767
	100,000 - 249,999	439	351	790	171	322	493	1,283
	Less than 100,000	610	530	1,140	190	378	568	1,708
	Total	11,220	6,865	18,085	5,253	6,436	11,689	29,774
American Indian/Alaska Native	1 Million or More	350	299	649	243	373	616	1,265
	250,000 - 999,999	145	152	297	65	176	241	538
	100,000 - 249,999	70	81	151	24	56	80	231
	Less than 100,000	159	199	358	31	92	123	481
	Total	724	731	1,455	363	697	1,060	2,515
Hispanic/Latino	1 Million or More	5,046	5,247	10,293	3,005	5,825	8,830	19,123
	250,000 - 999,999	897	1,371	2,268	409	1,243	1,652	3,920
	100,000 - 249,999	281	458	739	140	414	554	1,293
	Less than 100,000	287	544	831	146	396	542	1,373
	Total	14,765	14,379	29,144	10,318	20,593	30,911	25,709
White	1 Million or More	49,407	57,186	106,593	34,550	85,716	120,266	226,859
	250,000 - 999,999	11,278	17,529	28,807	6,648	23,205	29,853	58,660
	100,000 - 249,999	5,351	8,870	14,221	3,050	11,590	14,640	28,861
	Less than 100,000	7,787	15,038	22,825	3,240	12,842	16,082	38,907
	Total	73,823	98,623	172,446	47,488	133,353	180,841	353,287

Note: The data only include graduates from U.S. MD-granting medical schools from 1978 to 2008.

Source: AAMC Data Warehouse: Minority Physician Database, AMA_Masterfile_R, App_Bio_R, as of 11/30/2009.

Table 21: Census Size of Practice Areas by Race, Ethnicity, and Age, 2008

Race & Ethnicity	Census Size of Practice Area	34 & Younger		35-44		45-54		55 & Older		Total
		#	%	#	%	#	%	#	%	#
Asian	1 Million or More	18,287	88.0	22,504	84.0	7,858	75.9	1,567	15.9	50,216
	250,000 - 999,999	1,604	7.7	2,571	9.6	1,464	14.1	386	17.6	6,025
	100,000 - 249,999	572	2.8	837	3.1	446	4.3	93	17.6	1,948
	Less than 100,000	310	1.5	867	3.2	584	5.6	137	17.6	1,898
	Total	20,773	100.0	26,779	100.0	10,352	100.0	2,183	100.0	60,087
Black or African American	1 Million or More	5,448	82.6	7,756	76.7	7,006	75.9	2,807	73.4	23,017
	250,000 - 999,999	759	11.5	1,297	12.8	1,196	13.0	515	13.5	3,767
	100,000 - 249,999	221	3.4	464	4.6	421	4.6	177	4.6	1,283
	Less than 100,000	169	2.6	601	5.9	611	6.6	327	8.6	1,708
	Total	6,597	100.0	10,118	100.0	9,234	100.0	3,826	100.0	29,775
American Indian/Alaska Native	1 Million or More	356	61.0	498	52.4	312	45.2	99	15.9	1,265
	250,000 - 999,999	125	21.4	204	21.5	150	21.7	59	17.6	538
	100,000 - 249,999	48	8.2	85	8.9	70	10.1	28	17.6	231
	Less than 100,000	55	9.4	164	17.3	158	22.9	104	17.6	481
	Total	584	100.0	951	100.0	690	100.0	290	100.0	2,515
Hispanic/ Latino	1 Million or More	4,442	80.8	7,222	23.6	6,157	71.0	1,307	66.7	19,128
	250,000 - 999,999	707	12.9	1,415	27.9	1,439	16.6	361	18.4	3,922
	100,000 - 249,999	218	4.0	457	27.9	495	5.7	123	6.3	1,293
	Less than 100,000	132	2.4	489	27.9	584	6.7	168	8.6	1,373
	Total	5,499	100.0	9,583	100.0	8,675	100.0	1,959	100.0	25,716
White	1 Million or More	42,606	72.3	68,023	64.8	82,892	61.9	33,346	60.2	226,867
	250,000 - 999,999	9,355	15.9	16,987	16.2	22,868	17.1	9,455	17.1	58,665
	100,000 - 249,999	3,987	6.8	8,508	8.1	11,679	8.7	4,687	8.5	28,861
	Less than 100,000	3,006	5.1	11,436	10.9	16,526	12.3	7,940	14.3	38,908
	Total	58,954	100.0	104,954	100.0	133,965	100.0	55,428	100.0	353,301

Note: The data only include graduates from U.S. MD-granting medical schools from 1978 to 2008.

Source: AAMC Data Warehouse: Minority Physician Database, AMA_Masterfile_R, App_Bio_R, as of 11/30/2009.

Supplemental Tables

Supplemental Table 1a: Distribution of U.S. Physicians in Major Professional Activity, 2008

Major Professional Activity	All Physicians	Asian	Black or African American	Hispanic/Latino	American Indian/Alaska Native	All Minorities	IMG* Physicians	White**	Unknown***
All Physicians	1,030,642	65,687	35,812	28,569	2,934	133,002	250,938	382,842	263,860
Patient Care	801,401	56,580	30,197	25,019	2,524	114,320	192,799	342,761	151,521
Office-Based Practice	604,530	36,322	21,830	18,313	1,698	78,163	139,968	256,991	129,408
Hospital-Based Practice	83,150	3,805	2,928	2,119	255	9,107	23,176	33,831	17,036
Residents/Fellows	113,721	16,453	5,439	4,587	571	27,050	29,655	51,939	5,077
Other Professional Activity	45,643	1,367	1,337	814	73	3,591	7,682	14,353	20,017
Medical Teaching	10,909	325	324	260	19	928	1,809	3,916	4,256
Research	14,778	593	290	190	12	1,085	2,873	4,821	5,999
Administration	15,117	274	588	282	32	1,176	1,984	4,172	7,785
Other	4,839	175	135	82	10	402	1,016	1,444	1,977
Not Classified	60,272	6,903	2,697	2,139	225	11,964	24,022	19,522	4,764
Inactive	123,326	837	1,581	597	112	3,127	26,435	6,206	87,558

*IMG=International Medical Graduates.

**Includes only Whites who graduated from U.S. MD-granting medical schools from 1978 to 2008.

***Includes physicians who graduated from Canadian medical schools, doctors of osteopathic medicine, and most likely Whites who graduated prior to 1978.

Source: AAMC Data Warehouse: Minority Physician Database, Applicant-Matriculant research file and the AMA Master research file, as of 11/30, 2009.

Supplemental Table 1b: Percentage of Distribution of U.S. Physicians in Major Professional Activity, 2008

Major Professional Activity	All Physicians	Asian	Black or African American	Hispanic/Latino	American Indian/Alaska Native	All Minorities	IMG* Physicians	White**	Unknown***
All Physicians	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Patient Care	77.8%	86.1%	84.3%	87.6%	86.0%	86.0%	76.8%	89.5%	57.4%
Office-Based Practice	58.7%	55.3%	61.0%	64.1%	57.9%	58.8%	55.8%	67.1%	49.0%
Hospital-Based Practice	8.1%	5.8%	8.2%	7.4%	8.7%	6.8%	9.2%	8.8%	6.5%
Residents/Fellows	11.0%	25.0%	15.2%	16.1%	19.5%	20.3%	11.8%	13.6%	1.9%
Other Professional Activity	4.4%	2.1%	3.7%	2.8%	2.5%	2.7%	3.1%	3.7%	7.6%
Medical Teaching	1.1%	0.5%	0.8%	0.9%	0.6%	0.7%	0.7%	1.0%	1.6%
Research	1.4%	0.9%	0.8%	0.7%	0.4%	0.8%	1.1%	1.3%	2.3%
Administration	1.5%	0.4%	1.6%	1.0%	1.1%	0.9%	0.8%	1.1%	3.0%
Other	0.5%	0.3%	0.4%	0.3%	0.3%	0.3%	0.4%	0.4%	0.7%
Not Classified	5.8%	10.5%	7.5%	7.5%	7.7%	9.0%	9.6%	5.1%	1.8%
Inactive	12.0%	1.3%	4.4%	2.1%	3.8%	2.4%	10.5%	1.6%	33.2%

*IMG=International Medical Graduates.

**Includes only Whites who graduated from U.S. MD-granting medical schools from 1978 to 2008.

***Includes physicians who graduated from Canadian medical schools, doctors of osteopathic medicine, and most likely Whites who graduated prior to 1978.

Source: AAMC Data Warehouse: Minority Physician Database, Applicant-Matriculant research file and the AMA Master research file, as of 11/30, 2009.

Supplemental Table 2: Graduation Years of Minority U.S. MD Physicians by Sex, 1950-1977

Year	Asian		Black or African American		American Indian/Alaska Native		Hispanic/Latino		Total
	W	M	W	M	W	M	W	M	
1950	5	9	13	37	0	1	3	5	73
1951	2	24	14	53	0	0	0	3	96
1952	2	9	7	63	0	3	1	5	90
1953	6	23	3	60	0	1	0	5	98
1954	1	16	10	64	0	2	5	29	127
1955	2	29	7	84	0	3	4	29	158
1956	5	31	7	68	0	10	4	22	147
1957	2	37	11	92	0	7	5	30	184
1958	4	30	8	90	0	7	5	36	180
1959	5	34	12	96	0	7	9	30	193
1960	5	38	16	92	0	6	1	31	189
1961	9	31	10	105	1	2	6	38	202
1962	6	33	16	103	0	3	2	40	203
1963	3	31	6	115	1	4	3	34	197
1964	9	37	18	107	0	6	7	35	219
1965	4	44	13	90	0	4	6	43	204
1966	4	45	12	111	2	5	8	35	222
1967	6	43	29	107	0	2	10	38	235
1968	6	45	13	111	0	5	9	37	226
1969	8	37	19	107	0	5	6	49	231
1970	7	46	27	134	1	4	16	47	282
1971	11	56	19	150	0	13	15	62	326
1972	10	65	29	175	1	14	13	74	381
1973	24	81	58	254	1	12	22	97	549
1974	30	100	75	410	2	12	19	129	777
1975	34	176	122	428	3	18	29	161	971
1976	35	169	170	451	6	23	41	181	1,076
1977	12	66	192	409	7	18	27	111	842
Total	257	1,385	936	4,166	25	197	276	1,436	8,678

Note: The data only include graduates from U.S. MD-granting medical schools from 1950 to 1977.

Source: AAMC Data Warehouse: Minority Physician Database, as of 11/30/2009.

Supplemental Table 3: Number of Physicians, Dentists, Physician Assistants, and Registered Nurses by State, 2008

States	Number of Non-federal Physicians	Number of Dentists	Projected Number of Physician Assistants in Clinical Practice	Number of Registered Nurses
United States	991,066	233,104	73,893	2,542,760
Alabama	11,510	2,520	485	41,560
Alaska	1,707	581	376	5,350
Arizona	17,248	4,663	1,668	37,780
Arkansas	6,684	1,403	155	23,000
California	115,740	35,074	7,115	240,470
Colorado	15,408	4,160	1,792	39,440
Connecticut	15,257	3,306	1,375	35,370
Delaware	2,718	477	215	9,060
District of Columbia	5,074	859	231	9,240
Florida	58,565	13,693	4,324	146,040
Georgia	23,489	5,226	2,369	64,920
Hawaii	4,636	1,258	158	8,760
Idaho	3,196	1,188	511	10,850
Illinois	42,510	9,863	1,950	108,820
Indiana	16,273	4,008	621	56,500
Iowa	7,704	2,148	765	30,170
Kansas	7,816	1,771	796	25,020
Kentucky	11,318	3,263	866	41,080
Louisiana	12,926	2,692	545	39,610
Maine	4,898	819	555	14,050
Maryland	25,354	5,312	1,978	50,780
Massachusetts	34,320	7,407	1,725	79,670
Michigan	34,091	8,013	3,015	86,580
Minnesota	17,702	4,143	1,251	55,730
Mississippi	6,071	1,442	86	27,350
Missouri	17,946	3,644	635	60,100
Montana	2,636	762	353	7,480
Nebraska	5,131	1,837	731	18,930
Nevada	5,954	1,871	517	15,950
New Hampshire	4,510	1,010	420	13,110
New Jersey	33,501	8,289	1,434	75,590
New Mexico	5,583	1,108	516	11,900
New York	88,179	17,729	7,916	168,850
North Carolina	26,716	5,465	3,586	84,230
North Dakota	1,786	408	243	6,340
Ohio	38,566	7,924	1,960	114,930
Oklahoma	8,712	2,210	1,072	26,760
Oregon	12,669	2,650	853	29,980
Pennsylvania	49,575	10,156	4,357	129,060
Rhode Island	4,591	687	226	11,360
South Carolina	11,829	2,744	743	36,880
South Dakota	2,069	474	409	10,010
Tennessee	18,560	4,196	954	61,570
Texas	59,797	12,982	4,696	164,400
Utah	6,588	2,229	693	17,230
Vermont	2,778	482	219	5,900
Virginia	24,091	5,847	1,611	60,040
Washington	20,923	5,785	1,967	52,020
West Virginia	5,387	1,147	719	16,910
Wisconsin	17,311	4,157	1,557	51,700
Wyoming	1,237	343	192	4,300

Sources: Kaiser statehealthfacts.org, <http://www.statehealthfacts.org/index.jsp> as of January 4, 2010.

Note: The data was restructured based on the tables of total physicians, total dentists, total physician assistants, and total registered nurses.

Supplemental Table 4a: U.S. Physicians by Race and Ethnicity, 2006-2008*

<u>Race/Ethnicity</u>	<u>Estimate</u>	<u>Standard Error</u>
Non-Hispanic White	553,623	(4,941)
Non-Hispanic Black	35,356	(1,167)
Non-Hispanic Asian	139,027	(2,770)
Non-Hispanic Other**	12,754	(701)
Hispanic	42,339	(1,329)

* For all Supplemental Tables 4a-j, "physicians" includes all surveyed individuals who met the following criteria: 1) occupation classified within physicians and surgeons (data are self-reported and thus likely include both MDs and DOs); 2) educational attainment of a professional or doctorate degree; 3) if in school, reported attending a graduate or professional school; 4) not currently laid off; 5) worked within the past twelve months; and 6) employment status of "employed" or "with a job but not at work".

** The data include American Indian, Alaskan Native, Native Hawaiian, Other Pacific Islander, Some Other Race, and Two or More Major Race Groups.

Source: U.S. Census Bureau. ACS Public Use Micro Data Sample (PUMS) 2006-2008 3-Year. Accessed: December 24, 2009

Supplemental Table 4b: U.S. Physicians by Citizenship, 2006-2008*

<u>Citizenship</u>	<u>Estimate</u>	<u>Standard Error</u>
Born in the U.S. or Territories*	559,425	(4,803)
Born abroad of American parent(s)	10,047	(687)
U.S. citizen by naturalization	152,429	(2,809)
Not a citizen of the U.S.	61,198	(1,621)

* Includes: 1) born in the U.S.; 2) born in the U.S., Guam, the U.S. Virgin Islands, or the Northern Marianas if current residence is Puerto Rico; 3) born in Puerto Rico, Guam, the U.S. Virgin Islands, the Northern Marianas; 4) born in Puerto Rico if current residence is Puerto Rico.

Source: U.S. Census Bureau. ACS Public Use Micro Data Sample (PUMS) 2006-2008 3-Year. Accessed: December 24, 2009

Supplemental Table 4c: U.S. Physicians by Marital Status, 2006-2008

<u>Marital Status</u>	<u>Estimate</u>	<u>Standard Error</u>
Married	614,345	(4,959)
Widowed	8,144	(628)
Divorced	49,258	(1,479)
Separated	8,866	(609)
Never married or under 15 years old	102,486	(2,437)

Source: U.S. Census Bureau. ACS Public Use Micro Data Sample (PUMS) 2006-2008 3-Year. Accessed: December 24, 2009

Supplemental Table 4d: U.S. Physicians by Military Service, 2006-2008

<u>Military Service</u>	<u>Estimate</u>	<u>Standard Error</u>
No*	691,376	(5,714)
Yes**	91,723	(1,793)

* The data only include never served in military and training for Reserves/National Guard.

** The data include active duty, active duty in the past twelve months but not now, active duty in the past but not during the last twelve months.

Source: U.S. Census Bureau. ACS Public Use Micro Data Sample (PUMS) 2006-2008 3-Year. Accessed: December 24, 2009

Supplemental Table 4e: U.S. Physicians by Language Other Than English Spoken at Home, 2006-2008

<u>Language Other Than English Spoken in Home</u>	<u>Estimate</u>	<u>Standard Error</u>
Yes, speaks another language	220,415	(3,506)
No, speaks only English	562,684	(4,970)

Source: U.S. Census Bureau. ACS Public Use Micro Data Sample (PUMS) 2006-2008 3-Year. Accessed: December 24, 2009

Supplemental Table 4f: U.S. Physicians by Language Spoken at Home, 2006-2008*

<u>Language Spoken at Home</u>	<u>Estimate</u>	<u>Standard Error</u>
French	7,793	(505)
Spanish	48,806	(1,579)
Hindi	14,397	(837)
Urdu	10,892	(709)
Chinese	12,811	(802)
Tagalog	11,334	(706)
Arabic	10,670	(894)
Other	103,712	(2,381)
N/A (less than 5 years old/speaks only English)	562,684	(4,970)

* Languages listed represent the most frequent responses of physicians who reported speaking a language other than English at home. The seven languages specifically listed comprise one-quarter of all such physicians.

Source: U.S. Census Bureau. ACS Public Use Micro Data Sample (PUMS) 2006-2008 3-Year. Accessed: December 24, 2009

Supplemental Table 4g: U.S. Physicians by Nativity, 2006-2008

<u>Nativity</u>	<u>Estimate</u>	<u>Standard Error</u>
Native	569,472	(4,902)
Foreign born	213,627	(3,564)

Source: U.S. Census Bureau. ACS Public Use Micro Data Sample (PUMS) 2006-2008 3-Year. Accessed: December 24, 2009

Supplemental Table 4h: U.S. Physicians by World Area of Birth, 2006-2008*

<u>World Area of Birth</u>	<u>Estimate</u>	<u>Standard Error</u>
U.S. State - includes PR and US Island Areas	559,425	(4,803)
Latin America	28,818	(1,179)
Asia	132,430	(2,488)
Europe	34,710	(1,233)
Africa	17,327	(1,023)
Northern America	9,724	(706)
Oceania and at Sea	665	(158)

Source: U.S. Census Bureau. ACS Public Use Micro Data Sample (PUMS) 2006-2008 3-Year. Accessed: December 24, 2009

Supplemental Table 4i: U.S. Physicians by Race, Ethnicity and Age Group, 2006-2008

Race/Ethnicity	Under 40 yrs		40 to 49 yrs		50 to 59 yrs		60+ yrs	
	Estimate	Standard Error	Estimate	Standard Error	Estimate	Standard Error	Estimate	Standard Error
Non-Hispanic White	160,112	(3,083)	152,240	(2,660)	151,074	(2,441)	90,197	(1,782)
Non-Hispanic Black	15,524	(875)	10,047	(789)	6,892	(647)	2,893	(289)
Non-Hispanic Asian	61,331	(1,689)	36,773	(1,443)	21,384	(1,046)	19,539	(981)
Non-Hispanic Other*	6,092	(532)	3,001	(360)	2,301	(247)	1,360	(235)
Hispanic	14,747	(787)	12,571	(725)	9,108	(640)	5,913	(518)

* The data include American Indian, Alaskan Native, Native Hawaiian, Other Pacific Islander, Some Other Race, and Two or More Major Race Groups.

Source: U.S. Census Bureau. ACS Public Use Micro Data Sample (PUMS) 2006-2008 3-Year. Accessed: December 24, 2009

Supplemental Table 4j: U.S. Physicians by Race, Ethnicity and Sex, 2006-2008

Race/Ethnicity	Men		Women	
	Estimate	Standard Error	Estimate	Standard Error
Non-Hispanic White	401,161	(3,989)	152,462	(2,583)
Non-Hispanic Black	18,809	(926)	16,547	(808)
Non-Hispanic Asian	86,499	(2,222)	52,528	(1,408)
Non-Hispanic Other*	7,340	(523)	5,414	(507)
Hispanic	29,515	(1,121)	12,824	(681)

* The data include American Indian, Alaskan Native, Native Hawaiian, Other Pacific Islander, Some Other Race, and Two or More Major Race Groups.

Source: U.S. Census Bureau. ACS Public Use Micro Data Sample (PUMS) 2006-2008 3-Year. Accessed: December 24, 2009

Diversity in the Physician Workforce: Facts & Figures 2010

Supplemental Table 5: Annual Estimates of the Population by Race Alone and Hispanic or Latino Origin for the United States, by State: July 1, 2008*

States	Non-Hispanic or Latino Origin							Total
	White Alone	Black or African American Alone	American Indian and Alaska Native Alone	Asian Alone	Native Hawaiian and Other Pacific Islander Alone	Two or More Races	Hispanic or Latino Origin	
Alabama	3,190,994	1,220,977	22,843	43,656	1,409	47,211	134,810	4,661,900
Alaska	451,156	26,987	101,848	30,293	4,226	29,930	41,853	686,293
Arizona	3,795,755	228,127	269,541	151,487	8,575	91,065	1,955,630	6,500,180
Arkansas	2,160,035	443,736	21,598	29,773	2,470	38,253	159,525	2,855,390
California	15,537,547	2,218,055	193,361	4,463,409	122,783	764,114	13,457,397	36,756,666
Colorado	3,506,772	187,959	36,957	125,778	5,040	79,888	997,062	4,939,456
Connecticut	2,584,354	326,597	8,256	119,088	1,442	42,124	419,391	3,501,252
Delaware	596,739	178,183	2,621	24,816	421	11,219	59,093	873,092
District of Columbia	196,049	314,537	1,592	19,699	413	8,419	51,124	591,833
Florida	11,059,062	2,745,037	54,799	400,116	10,509	213,748	3,845,069	18,328,340
Georgia	5,628,678	2,866,034	24,320	271,641	5,271	112,556	777,244	9,685,744
Hawaii	320,680	35,481	5,493	495,221	111,040	207,963	112,320	1,288,198
Idaho	1,297,078	10,794	19,432	16,540	1,725	22,420	155,827	1,523,816
Illinois	8,348,056	1,870,430	22,618	549,772	4,536	139,030	1,967,121	12,901,563
Indiana	5,305,237	565,320	15,807	84,975	2,038	71,190	332,225	6,376,792
Iowa	2,710,849	76,542	10,138	46,770	1,243	30,560	126,453	3,002,555
Kansas	2,249,736	164,044	24,135	60,987	1,591	46,232	255,409	2,802,134
Kentucky	3,747,596	323,063	9,438	41,315	1,534	44,318	101,981	4,269,245
Louisiana	2,731,007	1,398,276	25,736	62,681	1,447	43,186	148,463	4,410,796
Maine	1,253,951	12,781	7,598	11,535	418	13,359	16,814	1,316,456
Maryland	3,251,584	1,622,208	14,868	282,334	2,894	83,879	375,830	5,633,597
Massachusetts	5,147,262	383,100	13,157	317,402	2,781	77,368	556,897	6,497,967
Michigan	7,750,818	1,403,051	54,714	233,431	2,805	144,776	413,827	10,003,422
Minnesota	4,458,479	228,109	57,756	182,536	2,410	74,529	216,574	5,220,393
Mississippi	1,724,199	1,086,566	13,685	23,190	802	24,378	65,798	2,938,618
Missouri	4,855,753	670,189	26,474	84,602	4,064	80,823	189,700	5,911,605
Montana	850,601	5,632	60,212	5,934	636	15,621	28,804	967,440
Nebraska	1,500,241	75,968	15,453	29,613	978	20,681	140,498	1,783,432
Nevada	1,485,702	189,919	27,361	156,373	12,062	60,223	668,527	2,600,167
New Hampshire	1,225,368	14,039	3,182	24,894	467	13,183	34,676	1,315,809
New Jersey	5,354,369	1,139,476	13,636	655,766	3,409	97,460	1,418,545	8,682,661
New Mexico	828,237	42,583	171,615	24,472	1,377	25,059	891,013	1,984,356
New York	11,696,659	2,886,233	61,373	1,346,386	8,950	240,658	3,250,038	19,490,297
North Carolina	6,198,438	1,955,342	104,570	173,040	4,642	101,612	684,770	9,222,414
North Dakota	574,816	6,459	34,834	4,671	320	7,154	13,227	641,481
Ohio	9,474,320	1,358,260	24,575	179,077	3,156	144,421	302,101	11,485,910
Oklahoma	2,600,115	280,290	278,659	60,883	2,973	140,821	278,620	3,642,361
Oregon	3,033,038	66,511	43,820	135,298	9,783	85,566	416,044	3,790,060
Pennsylvania	10,134,483	1,278,965	18,527	299,249	3,461	119,608	593,986	12,448,279
Rhode Island	828,362	52,871	4,415	28,190	594	14,150	122,206	1,050,788
South Carolina	2,920,849	1,260,104	15,985	52,831	1,897	44,153	183,981	4,479,800
South Dakota	692,070	8,515	65,610	5,849	359	10,775	21,016	804,194
Tennessee	4,790,516	1,027,098	17,071	80,484	2,517	65,930	231,272	6,214,888
Texas	11,525,623	2,748,323	93,292	810,967	16,856	261,438	8,870,475	24,326,974
Utah	2,236,054	27,145	31,636	52,197	19,881	40,442	329,069	2,736,424
Vermont	591,160	5,095	2,305	6,985	179	6,958	8,588	621,270
Virginia	5,201,425	1,511,922	22,046	373,462	4,955	123,883	531,396	7,769,089
Washington	4,944,148	224,520	94,767	429,665	28,446	183,991	643,687	6,549,224
West Virginia	1,696,258	64,055	3,951	11,875	449	17,232	20,648	1,814,468
Wisconsin	4,786,662	330,490	49,170	112,877	1,872	61,069	285,827	5,627,967
Wyoming	462,518	5,752	12,132	3,613	455	7,036	41,162	532,668
Total	199,491,458	37,171,750	2,328,982	13,237,698	434,561	4,451,662	46,943,613	304,059,724

*The data were restructured on the basis of the data obtained from the following source: Table 4: Annual Estimates of the Population by Race Alone and Hispanic or Latino origin for the United States and States: July 1, 2008 (SC-EST2008-04). Release Date: May 14, 2009.
Data Source: Population Divi: Data Source: Population Division, U.S. Census Bureau.

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Supplemental Table 6: Annual Estimates of the Population by Race Alone or in Combination⁽¹⁾ and Hispanic or Latino Origin for the United States, by States: July 1, 2008*

Geographic Area	White Alone or in Combination	Black or African American Alone or in Combination	American Indian and Alaska Native Alone or in Combination	Asian Alone or in Combination	Native Hawaiian and Other Pacific Islander Alone or in Combination
TOTAL					
United States	247,112,954	41,126,808	4,861,963	15,480,349	1,112,297
Alabama	3,354,480	1,248,739	50,355	56,225	4,338
Alaska	513,083	36,193	124,050	40,267	6,930
Arizona	5,726,959	311,869	359,841	202,957	23,596
Arkansas	2,344,366	463,542	47,356	38,405	4,868
California	28,982,670	2,725,631	738,978	5,073,012	281,522
Colorado	4,520,460	245,054	98,504	165,414	14,888
Connecticut	2,994,192	391,631	29,020	135,223	5,815
Delaware	658,888	190,610	7,287	28,377	991
District of Columbia	243,839	328,527	5,834	23,308	1,100
Florida	14,846,994	3,036,957	173,300	508,222	39,913
Georgia	6,436,724	2,972,130	77,877	317,032	16,652
Hawaii	553,838	50,616	27,509	696,155	280,538
Idaho	1,465,622	19,277	34,707	26,548	4,321
Illinois	10,350,106	1,995,700	90,568	617,155	17,254
Indiana	5,683,104	617,932	46,128	104,806	6,189
Iowa	2,858,585	97,175	22,424	55,965	2,979
Kansas	2,532,033	194,423	51,315	73,606	4,191
Kentucky	3,881,542	352,141	28,595	51,927	4,108
Louisiana	2,899,657	1,432,235	48,196	76,777	4,343
Maine	1,282,333	17,777	14,410	15,421	950
Maryland	3,647,982	1,711,363	47,278	319,559	8,987
Massachusetts	5,683,842	505,880	45,137	351,111	11,872
Michigan	8,260,433	1,499,490	127,056	272,915	9,462
Minnesota	4,721,225	277,457	90,459	209,066	7,961
Mississippi	1,801,936	1,105,413	25,076	31,097	2,924
Missouri	5,103,886	714,897	68,079	105,619	9,418
Montana	891,079	9,379	73,126	9,695	1,444
Nebraska	1,650,755	91,021	26,511	36,925	2,437
Nevada	2,165,222	233,430	59,311	194,582	26,472
New Hampshire	1,269,850	20,788	9,221	29,652	1,020
New Jersey	6,702,631	1,323,684	63,013	711,303	15,088
New Mexico	1,699,167	69,336	211,178	37,715	4,820
New York	14,555,444	3,548,891	203,513	1,483,581	42,740
North Carolina	6,914,405	2,050,864	155,211	209,515	13,536
North Dakota	593,368	9,146	39,525	6,709	591
Ohio	9,874,238	1,469,955	82,285	213,996	9,317
Oklahoma	2,983,057	320,922	406,492	78,305	7,496
Oregon	3,504,038	99,124	96,722	171,301	21,247
Pennsylvania	10,751,201	1,424,245	65,114	339,122	12,849
Rhode Island	944,260	76,845	12,076	33,497	2,317
South Carolina	3,120,283	1,300,545	36,607	68,181	5,956
South Dakota	719,910	12,532	74,359	8,474	767
Tennessee	5,059,129	1,073,504	49,665	100,015	6,736
Texas	20,336,645	3,021,913	308,873	955,682	53,054
Utah	2,585,249	47,276	50,356	72,681	30,012
Vermont	606,003	7,315	6,496	8,684	342
Virginia	5,790,343	1,610,772	64,845	433,921	14,969
Washington	5,700,591	306,567	179,578	527,903	55,110
West Virginia	1,731,949	72,901	11,854	15,057	1,112
Wisconsin	5,107,753	374,409	78,901	131,906	5,831
Wyoming	507,605	8,785	17,792	5,778	924

1 "In combination" means in combination with one or more other races. The sum of the five race groups adds to more than the total population because individuals may report more than one race.

*The data were restructured on the basis of the data obtained from the following source: Table 4: Annual Estimates of the Population by Race Alone and Hispanic or Latino origin for the United States and States: July 1, 2008 (SC-EST2008-04). Release Date: May 14, 2009.

Note: Hispanic origin is considered an ethnicity, not a race. Hispanics may be of any race. The original race data from Census 2000 are modified to eliminate the "some other race" category. For more information see <http://www.census.gov/popest/archives/files/MRSF-01-US1.html>.

Source: Population Division, U.S. Census Bureau. Release Date: May 14, 2009.

Diversity in the Physician Workforce: Facts & Figures 2010

Supplemental Table 6 (cont.): Annual Estimates of the Population by Race Alone or in Combination⁽¹⁾ and Hispanic or Latino Origin for the United States: July 1, 2008

Geographic Area	White Alone or in Combination	Black or African American Alone or in Combination	American Indian and Alaska Native Alone or in Combination	Asian Alone or in Combination	Native Hawaiian and Other Pacific Islander Alone or in Combination
NON-HISPANIC / LATINO ORIGIN					
United States	203,336,299	38,915,749	3,827,922	14,956,889	899,371
Alabama	3,232,479	1,238,915	47,376	54,466	3,525
Alaska	477,900	33,312	119,897	38,960	6,481
Arizona	3,877,510	261,857	301,380	184,881	16,478
Arkansas	2,195,405	456,388	43,120	36,915	4,257
California	16,184,980	2,439,310	403,913	4,878,970	222,822
Colorado	3,579,372	216,924	65,011	156,060	11,179
Connecticut	2,619,669	349,260	21,676	132,104	4,062
Delaware	606,230	185,028	5,781	27,936	812
District of Columbia	201,710	320,157	4,673	22,706	887
Florida	11,237,879	2,838,725	124,346	481,143	28,588
Georgia	5,722,694	2,923,474	62,545	308,832	12,395
Hawaii	471,478	45,128	21,056	661,848	253,774
Idaho	1,318,595	15,084	29,363	24,880	3,744
Illinois	8,470,689	1,935,936	60,185	603,465	11,334
Indiana	5,371,714	602,587	39,077	101,542	4,597
Iowa	2,739,767	92,185	18,823	54,784	2,583
Kansas	2,292,192	184,219	44,227	71,312	3,354
Kentucky	3,788,969	345,056	26,080	50,318	3,391
Louisiana	2,767,942	1,418,428	44,182	74,682	3,634
Maine	1,266,859	16,699	13,913	15,159	862
Maryland	3,320,432	1,669,778	38,550	313,399	7,107
Massachusetts	5,214,644	419,757	34,924	345,891	8,409
Michigan	7,881,069	1,473,197	114,360	267,867	7,503
Minnesota	4,525,730	263,772	81,005	205,517	6,832
Mississippi	1,744,428	1,098,642	23,489	30,012	2,444
Missouri	4,929,168	704,043	62,225	103,210	8,428
Montana	865,530	8,279	70,355	9,348	1,353
Nebraska	1,519,391	85,989	21,763	35,606	1,861
Nevada	1,537,794	209,264	43,358	185,006	22,043
New Hampshire	1,237,999	18,271	8,503	29,257	922
New Jersey	5,432,341	1,187,881	40,210	699,082	9,548
New Mexico	850,948	50,166	184,101	31,933	2,685
New York	11,875,052	3,011,467	135,052	1,451,459	26,931
North Carolina	6,284,905	2,008,237	140,415	202,604	10,253
North Dakota	581,588	8,552	38,487	6,533	575
Ohio	9,605,417	1,440,898	73,958	210,082	7,807
Oklahoma	2,730,480	309,033	388,632	75,308	6,124
Oregon	3,112,788	87,076	81,303	166,257	18,806
Pennsylvania	10,238,814	1,349,573	52,402	332,035	9,426
Rhode Island	840,145	60,421	9,256	32,306	1,487
South Carolina	2,958,649	1,282,950	32,187	65,162	4,503
South Dakota	702,182	11,654	71,502	8,294	709
Tennessee	4,850,920	1,055,689	44,322	96,709	5,316
Texas	11,758,309	2,847,555	188,449	906,497	33,060
Utah	2,273,778	38,087	41,258	69,330	28,051
Vermont	597,925	6,891	6,204	8,598	313
Virginia	5,308,149	1,570,008	54,411	425,800	12,150
Washington	5,109,204	280,406	153,737	513,171	49,159
West Virginia	1,712,683	71,853	11,420	14,867	980
Wisconsin	4,842,501	360,242	69,642	129,367	4,992
Wyoming	469,303	7,446	15,818	5,419	835

1 "In combination" means in combination with one or more other races. The sum of the five race groups adds to more than the total population because individuals may report more than one race.

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Source: Population Division, U.S. Census Bureau. Release Date: May 14, 2009.

Diversity in the Physician Workforce: Facts & Figures 2010

Supplemental Table 6 (cont.): Annual Estimates of the Population by Race Alone or in Combination⁽¹⁾ and Hispanic or Latino Origin for the United States: July 1, 2008*

Geographic Area	White Alone or in Combination	Black or African American Alone or in Combination	American Indian and Alaska Native Alone or in Combination	Asian Alone or in Combination	Native Hawaiian and Other Pacific Islander Alone or in Combination
HISPANIC/LATINO ORIGIN					
United States	43,776,655	2,211,059	1,034,041	523,460	212,926
Alabama	122,001	9,824	2,979	1,759	813
Alaska	35,183	2,881	4,153	1,307	449
Arizona	1,849,449	50,012	58,461	18,076	7,118
Arkansas	148,961	7,154	4,236	1,490	611
California	12,797,690	286,321	335,065	194,042	58,700
Colorado	941,088	28,130	33,493	9,354	3,709
Connecticut	374,523	42,371	7,344	3,119	1,753
Delaware	52,658	5,582	1,506	441	179
District of Columbia	42,129	8,370	1,161	602	213
Florida	3,609,115	198,232	48,954	27,079	11,325
Georgia	714,030	48,656	15,332	8,200	4,257
Hawaii	82,360	5,488	6,453	34,307	26,764
Idaho	147,027	4,193	5,344	1,668	577
Illinois	1,879,417	59,764	30,383	13,690	5,920
Indiana	311,390	15,345	7,051	3,264	1,592
Iowa	118,818	4,990	3,601	1,181	396
Kansas	239,841	10,204	7,088	2,294	837
Kentucky	92,573	7,085	2,515	1,609	717
Louisiana	131,715	13,807	4,014	2,095	709
Maine	15,474	1,078	497	262	88
Maryland	327,550	41,585	8,728	6,160	1,880
Massachusetts	469,198	86,123	10,213	5,220	3,463
Michigan	379,364	26,293	12,696	5,048	1,959
Minnesota	195,495	13,685	9,454	3,549	1,129
Mississippi	57,508	6,771	1,587	1,085	480
Missouri	174,718	10,854	5,854	2,409	990
Montana	25,549	1,100	2,771	347	91
Nebraska	131,364	5,032	4,748	1,319	576
Nevada	627,428	24,166	15,953	9,576	4,429
New Hampshire	31,851	2,517	718	395	98
New Jersey	1,270,290	135,803	22,803	12,221	5,540
New Mexico	848,219	19,170	27,077	5,782	2,135
New York	2,680,392	537,424	68,461	32,122	15,809
North Carolina	629,500	42,627	14,796	6,911	3,283
North Dakota	11,780	594	1,038	176	16
Ohio	268,821	29,057	8,327	3,914	1,510
Oklahoma	252,577	11,889	17,860	2,997	1,372
Oregon	391,250	12,048	15,419	5,044	2,441
Pennsylvania	512,387	74,672	12,712	7,087	3,423
Rhode Island	104,115	16,424	2,820	1,191	830
South Carolina	161,634	17,595	4,420	3,019	1,453
South Dakota	17,728	878	2,857	180	58
Tennessee	208,209	17,815	5,343	3,306	1,420
Texas	8,578,336	174,358	120,424	49,185	19,994
Utah	311,471	9,189	9,098	3,351	1,961
Vermont	8,078	424	292	86	29
Virginia	482,194	40,764	10,434	8,121	2,819
Washington	591,387	26,161	25,841	14,732	5,951
West Virginia	19,266	1,048	434	190	132
Wisconsin	265,252	14,167	9,259	2,539	839
Wyoming	38,302	1,339	1,974	359	89

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