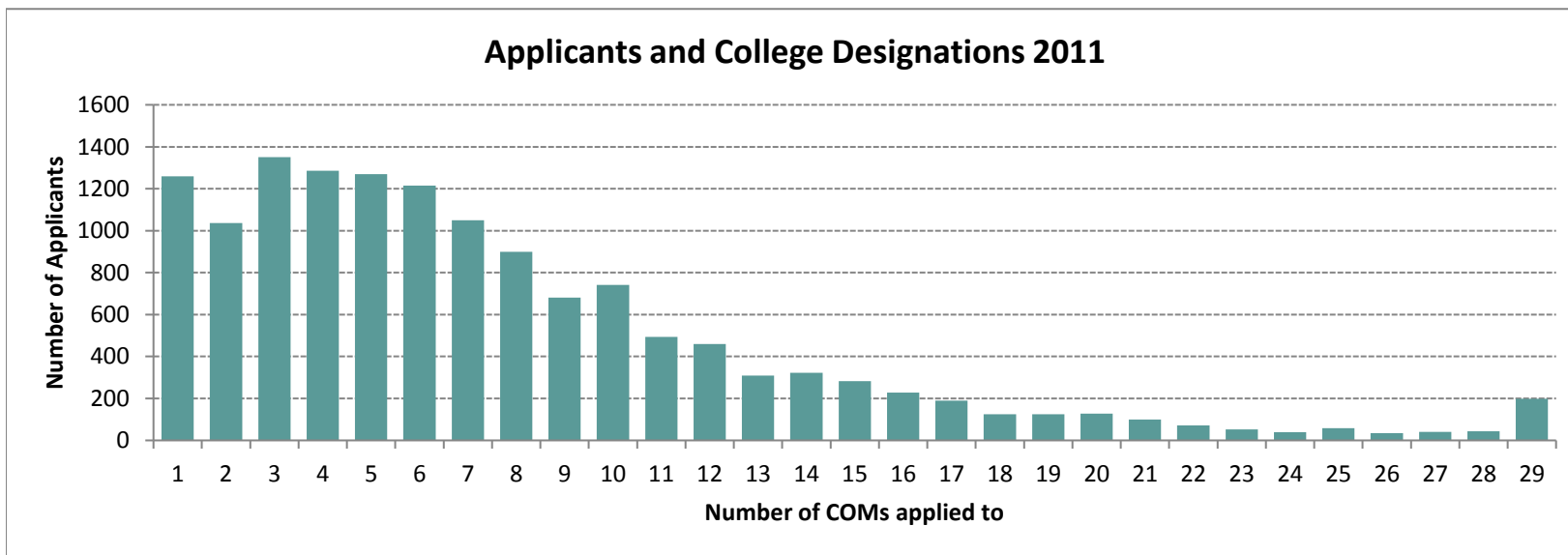


AACOMAS Applicant Pool Profile

2011 Entering Class

AACOMAS received completed applications from 14,087 applicants in the 2011 application cycle. These applicants generated a total of 108,225 applications for this fall's 5,157 osteopathic medical college seats. These numbers include all applicants to the 26 colleges and three branch campuses that participated in AACOMAS. (The University of North Texas Health Science Center-Texas College of Osteopathic Medicine and the Emigre Physician Program at NYCOM/NYIT do not use AACOMAS to process applications). The applicant-to-seat ratio for admission to osteopathic medical schools this year is 2.73 applicants per seat. The mean number of applications per applicant is 7.68.



Fifty-three percent of applicants in 2011 were male, and 47 percent were female.

| <u>Gender</u> | <u>Number</u> | <u>Percent</u> |
|---------------|---------------|----------------|
| Female | 6,597 | 47% |
| Male | 7,487 | 53% |
| Unidentified | 3 | |
| Total | 14,087 | |



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| <u>Age</u> | <u>Number</u> | <u>Percent</u> |
|----------------|---------------|----------------|
| 20 and younger | 69 | 0.5% |
| 21 - 25 | 10,200 | 72.5% |
| 26 - 30 | 2,812 | 20.0% |
| 31 - 40 | 866 | 6.2% |
| 41 - 50 | 99 | 0.7% |
| 51 and older | 23 | 0.2% |
| Unidentified | 18 | |
| Total | 14,087 | |

Minimum age 18 years
Maximum age 68 years

Note: Age as of July 1, 2011.

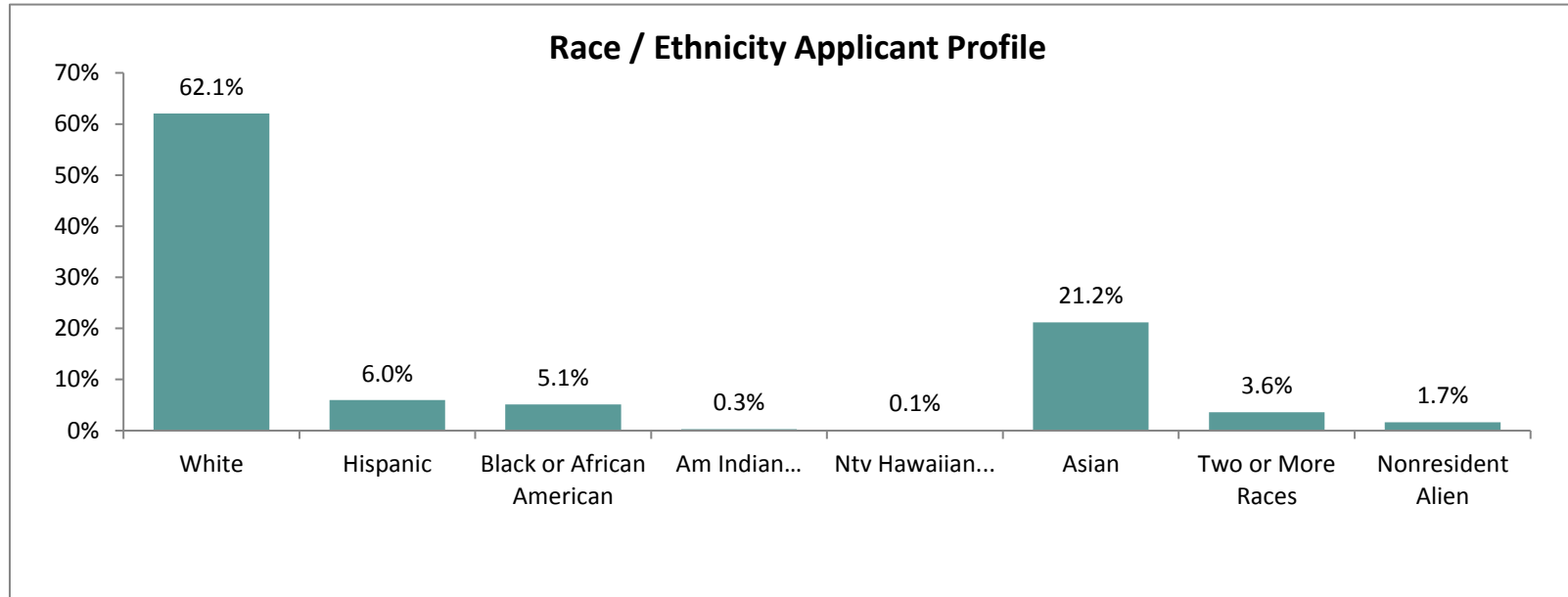
The race and ethnicity questions on the AACOMAS application follow the current U.S. Census lead and ask applicants to mark all that apply. Any applicant who marks Hispanic is counted as being of Hispanic ethnicity regardless of any other selections he/she may make. "Two or More Races" and "Unknown" do not describe selectable categories but are respondent behavior. Temporary residents and non-U.S. citizens are excluded from race and ethnicity calculations and are counted in the Nonresident Alien category. Although applicants are allowed to select multiple race/ethnicities, the following tables, titled One Race Response, have, by creating the category Two or More Races, allowed for each applicant to be allocated to only one category. The table titled Multiple Category Response is a count of the number of race/ethnicity selections made by the applicants and for this reason there is no significance to the sum of the race categories in this table.

| Race and Ethnicity (One Race Response) | | |
|---|---------------|----------------|
| <u>Race/Ethnicity</u> | <u>Number</u> | <u>Percent</u> |
| White, non-Hispanic | 8,312 | 62.1% |
| Hispanic | 800 | 6.0% |
| Black or African American, non-Hispanic | 684 | 5.1% |
| American Indian or Alaska Native, non-Hispanic | 40 | 0.3% |
| Native Hawaiian or Other Pacific Islander, non-Hispanic | 16 | 0.1% |
| Asian, non-Hispanic | 2,840 | 21.2% |
| Two or More Races, non-Hispanic | 480 | 3.6% |
| Nonresident Alien | 221 | 1.7% |
| Unknown | 694 | |
| Total | 14,087 | |



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Race and Ethnicity (One Race Response) by Gender

| <u>Number of Applicants</u> | <u>Female</u> | <u>Male</u> | <u>Total</u> |
|---|---------------|--------------|---------------|
| White, non-Hispanic | 3,685 | 4,627 | 8,312 |
| Hispanic | 400 | 400 | 800 |
| Black or African American, non-Hispanic | 409 | 275 | 684 |
| American Indian or Alaska Native, non-Hispanic | 16 | 24 | 40 |
| Native Hawaiian or Other Pacific Islander, non-Hispanic | 6 | 10 | 16 |
| Asian, non-Hispanic | 1,415 | 1,425 | 2,840 |
| Two or More Races, non-Hispanic | 236 | 243 | 479 |
| Nonresident Alien | 97 | 124 | 221 |
| Unknown | 333 | 359 | 692 |
| Total | 6,597 | 7,487 | 14,084 |

Note: Race and Ethnicity by Gender table does not include 3 applicants with unidentified gender.



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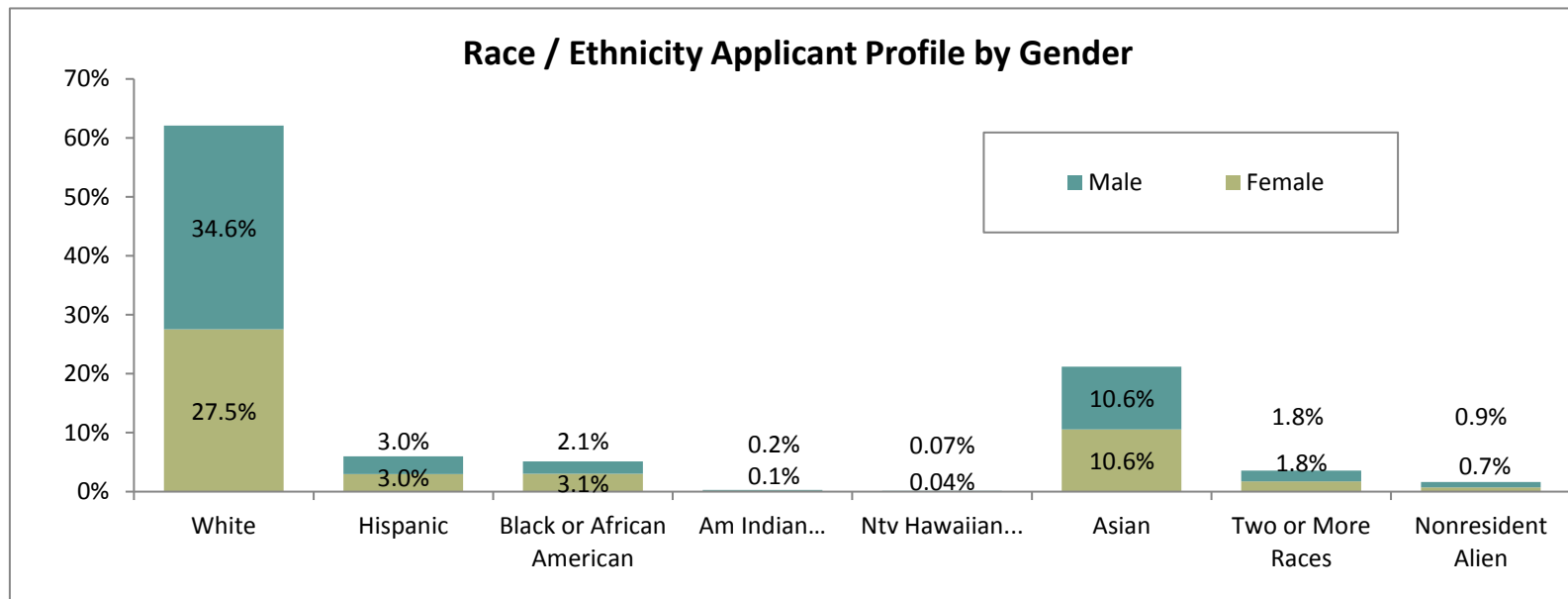
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Race and Ethnicity (One Race Response) by Gender

| <u>Percent of Total Applicants</u> | <u>Female</u> | <u>Male</u> | <u>Total</u> |
|---|---------------|--------------|--------------|
| White, non-Hispanic | 27.5% | 34.6% | 62.1% |
| Hispanic | 3.0% | 3.0% | 6.0% |
| Black or African American, non-Hispanic | 3.1% | 2.1% | 5.1% |
| American Indian or Alaska Native, non-Hispanic | 0.1% | 0.2% | 0.3% |
| Native Hawaiian or Other Pacific Islander, non-Hispanic | 0.04% | 0.07% | 0.1% |
| Asian, non-Hispanic | 10.6% | 10.6% | 21.2% |
| Two or More Races, non-Hispanic | 1.8% | 1.8% | 3.6% |
| Nonresident Alien | 0.7% | 0.9% | 1.7% |
| Total | 46.8% | 53.2% | |

Note: Percentage calculations do not include applicants with unidentified gender or unknown race/ethnicity.

Race / Ethnicity Applicant Profile by Gender



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Race /Ethnicity (Multiple Category Response)

| <u>Race/Ethnicity</u> | <u>Number</u> |
|---|----------------------|
| White, non-Hispanic | 9,196 |
| Hispanic | 800 |
| Black or African American, non-Hispanic | 822 |
| American Indian or Alaska Native, non-Hispanic | 175 |
| Native Hawaiian or Other Pacific Islander, non-Hispanic | 46 |
| Asian, non-Hispanic | 3,249 |
| Nonresident Alien | 221 |
| Total | 14,087 |

Unduplicated Underrepresented Minorities --- 1,734 applicants --- 12%

Underrepresented minorities includes applicants of Hispanic ethnicity, Black or African American, American Indian or Alaska Native and Native Hawaiian or Other Pacific Islander race.

AACOMAS may calculate up to three sets of GPAs for each applicant - undergraduate only, undergraduate and post-baccalaureate, and all coursework - although in many cases there is no difference among them. We have provided means and standard deviations for both the science and non-science GPAs, as well as the overall GPA. The data have been broken down by gender and by race and ethnicity.

GPA were calculated on data from 14,087 sets of data.

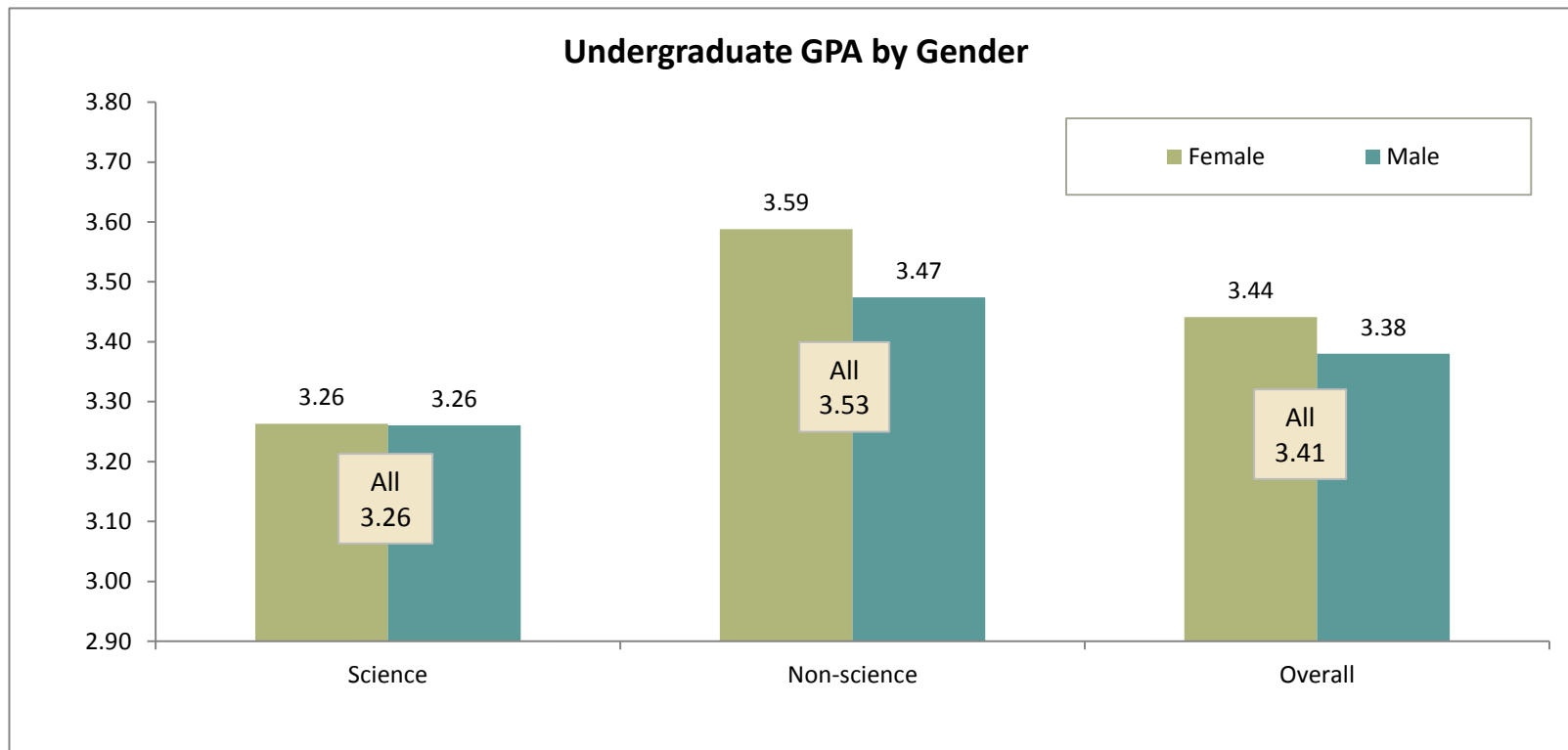
| <u>GPA</u> | <u>Science</u> | <u>Non-science</u> | <u>Overall</u> |
|-----------------------------|-----------------------|---------------------------|-----------------------|
| Mean 4-year FR - SR | 3.26 | 3.53 | 3.41 |
| SD | 0.48 | 0.36 | 0.35 |
| Mean Undergrad FR-SR, PB | 3.32 | 3.53 | 3.42 |
| SD | 0.39 | 0.34 | 0.32 |
| Mean All including graduate | 3.33 | 3.54 | 3.43 |
| SD | 0.37 | 0.33 | 0.31 |



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| <u>Undergraduate GPA by Gender</u> | <u>Science</u> | <u>Non-science</u> | <u>Overall</u> |
|------------------------------------|----------------|--------------------|----------------|
| Mean - Female | 3.26 | 3.59 | 3.44 |
| SD - Female | 0.48 | 0.32 | 0.33 |
| Mean - Male | 3.26 | 3.47 | 3.38 |
| SD - Male | 0.48 | 0.38 | 0.36 |



| <u>Undergraduate GPA by Race</u> | <u>Science</u> | <u>Non-science</u> | <u>Overall</u> |
|--|-----------------------|---------------------------|-----------------------|
| Mean - White, non-Hispanic | 3.31 | 3.55 | 3.44 |
| SD - White, non-Hispanic | 0.48 | 0.35 | 0.34 |
| Mean - Hispanic | 3.16 | 3.47 | 3.34 |
| SD - Hispanic | 0.51 | 0.37 | 0.37 |
| Mean - Black or African American | 3.01 | 3.37 | 3.22 |
| SD - Black or African American | 0.49 | 0.39 | 0.36 |
| Mean - American Indian or Alaska Native | 3.18 | 3.42 | 3.31 |
| SD - American Indian or Alaska Native | 0.45 | 0.33 | 0.32 |
| Mean - Native Hawaiian or Other Pacific Islander | 3.10 | 3.36 | 3.24 |
| SD - Native Hawaiian or Other Pacific Islander | 0.51 | 0.36 | 0.40 |
| Mean - Asian | 3.23 | 3.52 | 3.38 |
| SD - Asian | 0.45 | 0.35 | 0.35 |
| Mean - Two or More Races | 3.19 | 3.50 | 3.36 |
| SD - Two or More Races | 0.47 | 0.35 | 0.33 |
| Mean - Nonresident Alien | 3.31 | 3.50 | 3.42 |
| SD - Nonresident Alien | 0.55 | 0.43 | 0.45 |

One percent of applicants have some prior medical education.

| <u>Prior Medical Education</u> | <u>Number</u> | <u>Percent</u> |
|---------------------------------------|----------------------|-----------------------|
| Yes | 157 | 1.1% |
| No | 13,930 | 98.9% |
| Total | 14,087 | |



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Applicants completed 144 total semester hours of coursework, of which almost 132 hours were undergraduate hours.

| Semester Hours | Undergraduate | Post-Bac | Graduate | Total |
|----------------------------|----------------------|-----------------|-----------------|--------------|
| Mean - Biology/Zoology | 28.7 | 11.9 | 17.4 | 32.3 |
| SD - Biology/Zoology | 13.8 | 8.8 | 13.8 | 16.6 |
| Mean - Inorganic Chemistry | 10.6 | 7.7 | 6.5 | 11.0 |
| SD - Inorganic Chemistry | 4.9 | 3.3 | 7.3 | 5.1 |
| Mean - English | 8.8 | 4.0 | 4.9 | 8.9 |
| SD - English | 5.7 | 2.2 | 7.0 | 5.8 |
| Mean - Organic Chemistry | 9.3 | 7.7 | 5.6 | 9.6 |
| SD - Organic Chemistry | 2.5 | 3.0 | 4.3 | 2.8 |
| Mean - Biochemistry | 5.1 | 4.1 | 5.7 | 5.5 |
| SD - Biochemistry | 3.4 | 2.0 | 6.0 | 4.3 |
| Mean - Physics | 9.1 | 7.5 | 5.8 | 9.4 |
| SD - Physics | 3.3 | 2.5 | 5.5 | 3.5 |
| Mean - Other Science | 10.2 | 7.6 | 11.4 | 11.8 |
| SD - Other Science | 13.2 | 42.2 | 16.1 | 18.9 |
| Mean - Math | 11.8 | 5.7 | 4.6 | 12.3 |
| SD - Math | 7.8 | 4.6 | 4.1 | 8.2 |
| Mean - Behavioral Science | 13.0 | 4.8 | 7.8 | 13.5 |
| SD - Behavioral Science | 11.6 | 4.2 | 10.5 | 12.4 |
| Mean - Other Non-Science | 35.4 | 8.7 | 15.9 | 37.6 |
| SD - Other Non-Science | 21.8 | 12.7 | 19.0 | 24.9 |
| Mean - Total Hours | 131.6 | 27.1 | 32.5 | 144.1 |



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AACOMAS received MCAT score data from 12,995 applicants. In cases where we received more than one set of scores for a particular applicant, we have included the set with the highest total score taken in the past three years. We have provided the mean, standard deviation and median for each section of the MCAT, as well as the total MCAT score. The median MCAT scores are calculated over all the individual scores. We have provided a breakdown of the mean scores with standard deviations by gender and race/ethnicity for each of the MCAT sections.

MCAT scores were calculated on data from 12,995 sets of scores.

| <u>MCAT Scores</u> | <u>Verbal</u> | <u>Biological Science</u> | <u>Physical Science</u> | <u>Total</u> |
|---------------------------|----------------------|--------------------------------------|------------------------------------|---------------------|
| Mean | 8.37 | 9.01 | 8.28 | 25.66 |
| SD | 1.91 | 1.74 | 1.84 | 4.18 |
| Median | 9 | 9 | 8 | 26 |

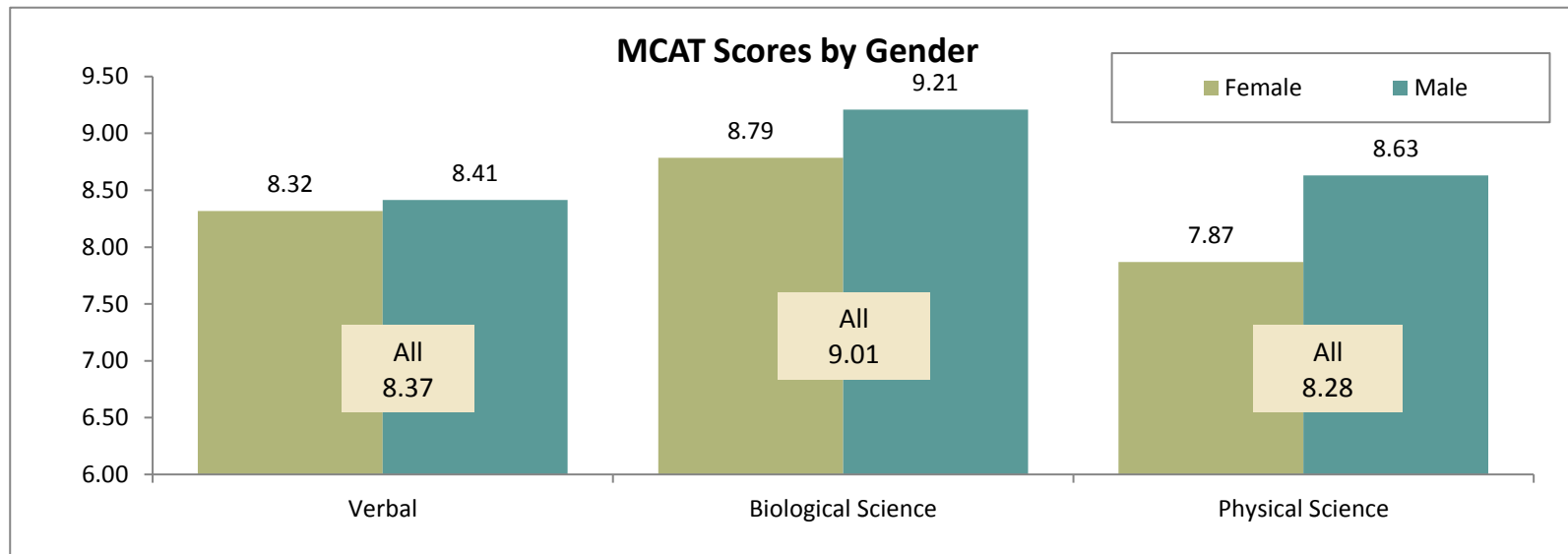
| <u>Distribution of Writing Scores</u> | <u>Score</u> | <u>Number</u> | <u>Percent</u> |
|--|---------------------|----------------------|-----------------------|
| | J | 48 | 0.4% |
| | K | 304 | 2.3% |
| | L | 766 | 5.9% |
| | M | 3,119 | 24.0% |
| | N | 1,216 | 9.4% |
| | O | 1,889 | 14.5% |
| | P | 1,335 | 10.3% |
| | Q | 2,887 | 22.2% |
| | R | 1,011 | 7.8% |
| | S | 379 | 2.9% |
| | T | 38 | 0.3% |
| | X | 3 | |

| <u>MCAT Scores by Gender</u> | <u>Verbal</u> | <u>Biological Science</u> | <u>Physical Science</u> | <u>Total</u> |
|-------------------------------------|----------------------|--------------------------------------|------------------------------------|---------------------|
| Mean - Female | 8.32 | 8.79 | 7.87 | 24.97 |
| SD - Female | 1.92 | 1.74 | 1.72 | 4.07 |
| Mean - Male | 8.41 | 9.21 | 8.63 | 26.25 |
| SD - Male | 1.91 | 1.71 | 1.86 | 4.18 |



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| MCAT Scores by Race/Ethnicity | Verbal | Biological Science | Physical Science | Total |
|--|---------------|---------------------------|-------------------------|--------------|
| Mean - White, non-Hispanic | 8.62 | 9.10 | 8.25 | 25.97 |
| SD - White, non-Hispanic | 1.82 | 1.66 | 1.77 | 3.94 |
| Mean - Hispanic | 7.99 | 8.76 | 7.80 | 24.55 |
| SD - Hispanic | 1.88 | 1.68 | 1.68 | 3.90 |
| Mean - Black or African American | 6.86 | 7.59 | 6.82 | 21.27 |
| SD - Black or African American | 1.95 | 1.83 | 1.59 | 4.01 |
| Mean - American Indian or Alaska Native | 8.03 | 8.28 | 7.11 | 23.42 |
| SD - American Indian or Alaska Native | 2.12 | 1.81 | 1.89 | 4.77 |
| Mean - Native Hawaiian or Other Pacific Islander | 7.46 | 8.62 | 8.15 | 24.23 |
| SD - Native Hawaiian or Other Pacific Islander | 2.18 | 1.26 | 2.15 | 3.90 |
| Mean - Asian | 8.11 | 9.13 | 8.72 | 25.96 |
| SD - Asian | 1.95 | 1.75 | 1.88 | 4.26 |
| Mean - Two or More Races | 8.20 | 8.77 | 8.05 | 25.01 |
| SD - Two or More Races | 1.99 | 1.89 | 1.81 | 4.50 |
| Mean - Nonresident Alien | 7.69 | 9.50 | 9.04 | 26.24 |
| SD - Nonresident Alien | 2.07 | 1.76 | 1.98 | 4.55 |



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Research questions - At the end of the application, applicants were given the choice of answering some optional research questions. Note that these questions were answered before the end of medical school application cycles.

| | <u>Applicants Marking Yes</u> | <u>Response Rate</u> |
|---|-----------------------------------|--------------------------|
| In the current application year I have/am planning to apply to a U.S. MD-granting medical school | 62% | } 84% |
| In the current application year I have/am planning to apply to an offshore MD-granting medical school | 11% | |
| I have applied to a U.S. MD-granting medical school in a prior application year | 22% | |
| I have applied to an offshore MD-granting medical school in a prior application year | 2% | |
| If you were deciding on a medical specialty today, would you specialize in one of the primary care specialties: internal medicine, family medicine or pediatric medicine? | 78% | |
| In your preparation for the MCAT, did you make use of any of the commercial MCAT test-preparation services? | 81% | |

One in three applicants first learned about osteopathic medicine from a DO and one in four applicants learned about it from an advisor.

| <u>First Learn About Osteopathic Medicine</u> | <u>Number</u> | <u>Percent</u> |
|---|---------------|----------------|
| Advisor | 3,474 | 24.8% |
| DO | 4,651 | 33.1% |
| College Representative | 1,062 | 7.6% |
| Mailing | 43 | 0.3% |
| AACOM | 254 | 1.8% |
| Other | 3,449 | 24.6% |
| Internet | 1,098 | 7.8% |
| Total | 14,031 | |

More than one in three applicants have a family member who is a DO or MD.

| <u>Family Member is a DO or MD</u> | <u>Number</u> | <u>Percent</u> |
|------------------------------------|---------------|----------------|
| Yes | 4,811 | 34.2% |
| No | 9,276 | 65.8% |
| Total | 14,087 | |



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Three out of four applicants have a parent or guardian with a college degree.

| Parents College Education | Number | Percent |
|----------------------------------|---------------|----------------|
| Yes | 10,133 | 74.3% |
| No | 3,499 | 25.7% |
| Total | 13,632 | |

Two out of five applicants have heard a presentation by an osteopathic college representative.

| Met With AACOM or Osteopathic College Representative | Number | Percent |
|---|---------------|----------------|
| Have not met with/heard presentation | 7,191 | 51.0% |
| Have met with/heard presentation by AACOM representative | 404 | 2.9% |
| Have met with/heard presentation by college representative | 5,721 | 40.6% |
| Have met with/heard presentation by both | 771 | 5.5% |
| Total | 14,087 | |

Baccalaureate major – We have grouped all majors that were reported as part of a baccalaureate degree into five groups: Life Sciences, Social Sciences (incl. Psychology & Education), Physical Sciences (incl. Mathematics & Engineering), Arts & Humanities and Other. The number of majors may be greater than the number of applicants, because applicants may complete more than one baccalaureate degree and may earn a double major.

| Baccalaureate Degree Major | Number | Percent |
|-----------------------------------|---------------|----------------|
| Life Sciences | 10,941 | 64% |
| Social Sciences | 1,787 | 10% |
| Physical Sciences | 1,285 | 8% |
| Arts & Humanities | 1,248 | 7% |
| Other | 1,783 | 10% |



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Listed are the top 20 feeder colleges providing the largest number of applicants.

| <u>Institution Name</u> | <u>City</u> | <u>Applicants</u> |
|---|-----------------------------|--------------------------|
| Michigan State University | East Lansing, MI | 291 |
| University of Florida | Gainesville, FL | 244 |
| University of Michigan-Ann Arbor | Ann Arbor, MI | 216 |
| Rutgers, The State University of New Jersey | New Bruns-Newark-Camden, NJ | 205 |
| University of California-Los Angeles | Los Angeles, CA | 201 |
| Brigham Young University | Provo, UT | 179 |
| University of Illinois at Urbana-Champaign | Champaign, IL | 176 |
| Penn State University (All Campuses) | University Park, PA | 171 |
| University of California-Davis | Davis, CA | 164 |
| University of California-San Diego | La Jolla, CA | 148 |
| University of California-Irvine | Irvine, CA | 147 |
| Arizona State University (All Campuses) | Tempe, AZ | 139 |
| Wayne State University | Detroit, MI | 132 |
| University of California-Berkeley | Berkeley, CA | 131 |
| Ohio State University-All Campuses | Columbus, OH | 131 |
| University of South Florida | Tampa, FL | 127 |
| University of Central Florida | Orlando, FL | 126 |
| State University of New York at Stony Brook | Stony Brook, NY | 125 |
| Loyola University of Chicago | Chicago, IL | 108 |
| University of Miami | Coral Gables, FL | 105 |



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The following table lists the top 20 feeder colleges after weighting for undergraduate enrollment at each college. Only those colleges with ten or more applicants are included. Undergraduate enrollment data are the IPEDS data for 2009.

| <u>Institution Name</u> | <u>City</u> | <u>Applicants</u> |
|--|---------------------|--------------------------|
| Albion College | Albion, MI | 31 |
| Benedictine University | Lisle, IL | 52 |
| Kalamazoo College | Kalamazoo, MI | 18 |
| New York Institute Of Technology | Old Westbury, NY | 74 |
| Pitzer College | Claremont, CA | 12 |
| Loyola University Chicago | Chicago, IL | 108 |
| Nebraska Wesleyan University | Lincoln, NE | 19 |
| Nova Southeastern University | Fort Lauderdale, FL | 60 |
| Juniata College | Huntingdon, PA | 15 |
| University Of Miami | Coral Gables, FL | 105 |
| University Of Scranton | Scranton, PA | 42 |
| Bryn Mawr College | Bryn Mawr, PA | 12 |
| University Of The Sciences In Philadelphia | Philadelphia, PA | 14 |
| Austin College | Sherman, TX | 12 |
| Birmingham Southern College | Birmingham, AL | 13 |
| Hamilton College | Clinton, NY | 16 |
| Lasalle University | Philadelphia, PA | 13 |
| University Of Rochester | Rochester, NY | 45 |
| University Of Michigan-Ann Arbor | Ann Arbor, MI | 216 |
| Wofford College | Spartanburg, SC | 12 |



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Only 1.3 percent of applicants are not U.S. citizens or permanent residents of the U.S., and of those, 87 percent are Canadian citizens.

| Citizenship | Number | Percent |
|--------------------|---------------|----------------|
| U.S. Citizen | 13,388 | 95.0% |
| Temporary Resident | 107 | 0.8% |
| Permanent Resident | 478 | 3.4% |
| Non Citizen | 114 | 0.8% |
| Total | 14,087 | |

| Permanent Country | Number |
|--------------------------|---------------|
| Aruba | 1 |
| Botswana | 1 |
| Burma (Myanmar) | 1 |
| Canada | 114 |
| India | 1 |
| Indonesia | 2 |
| Japan | 2 |
| South Korea | 1 |
| Malaysia | 1 |
| Mozambique | 1 |
| New Zealand | 1 |
| Poland | 1 |
| Saudi Arabia | 1 |
| United States | 13,956 |
| Unidentified | 3 |
| Total | 14,087 |



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AACOMAS 2011 Applicant Pool Data

