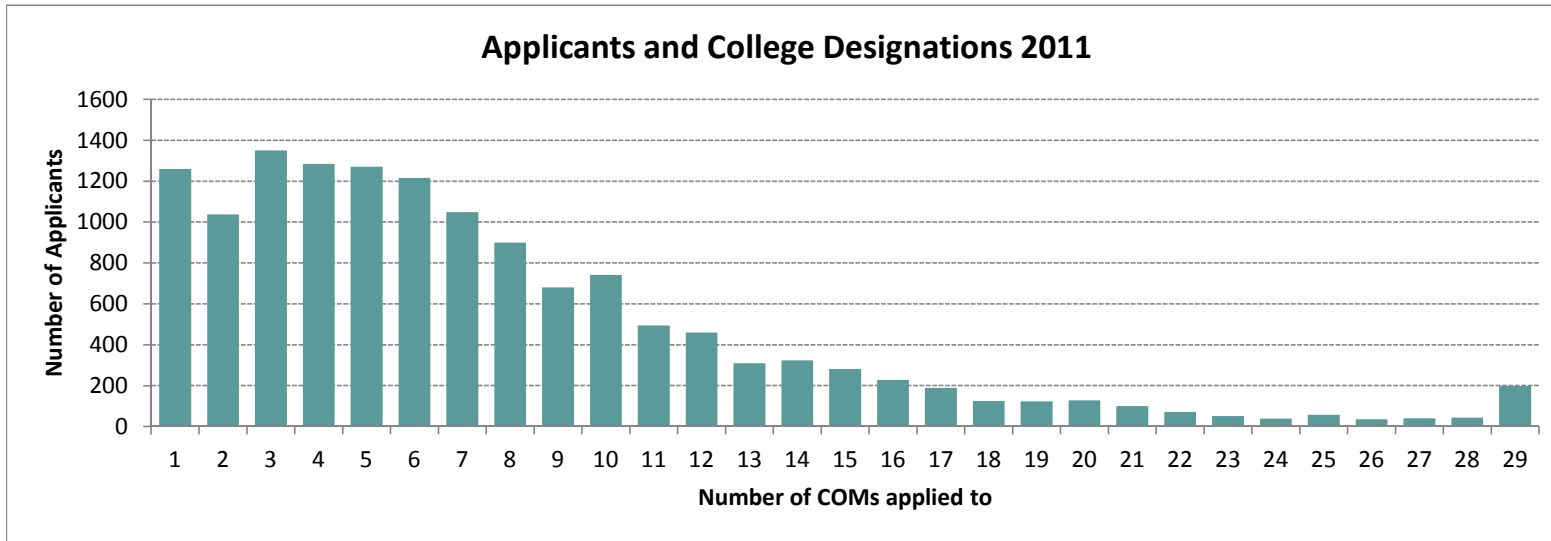


AACOMAS Applicant Pool Profile

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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Age	Number	Percent
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.

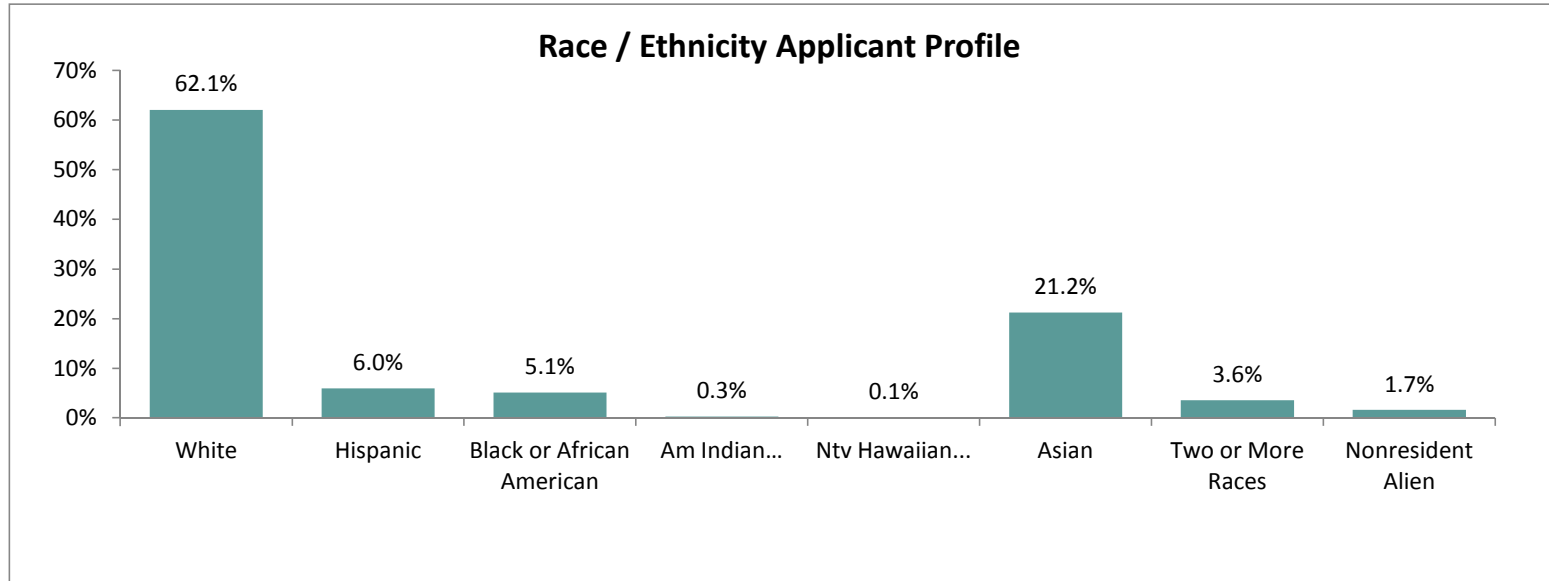
Race and Ethnicity (One Race Response)		
Race/Ethnicity	Number	Percent
White, non-Hispanic	8,312	62.1%
Hispanic	800	6.0%
Black or African American, non-Hispanic	684	5.1%
American Indian or Alaska Native, non-Hispanic	40	0.3%
Native Hawaiian or Other Pacific Islander, non-Hispanic	16	0.1%
Asian, non-Hispanic	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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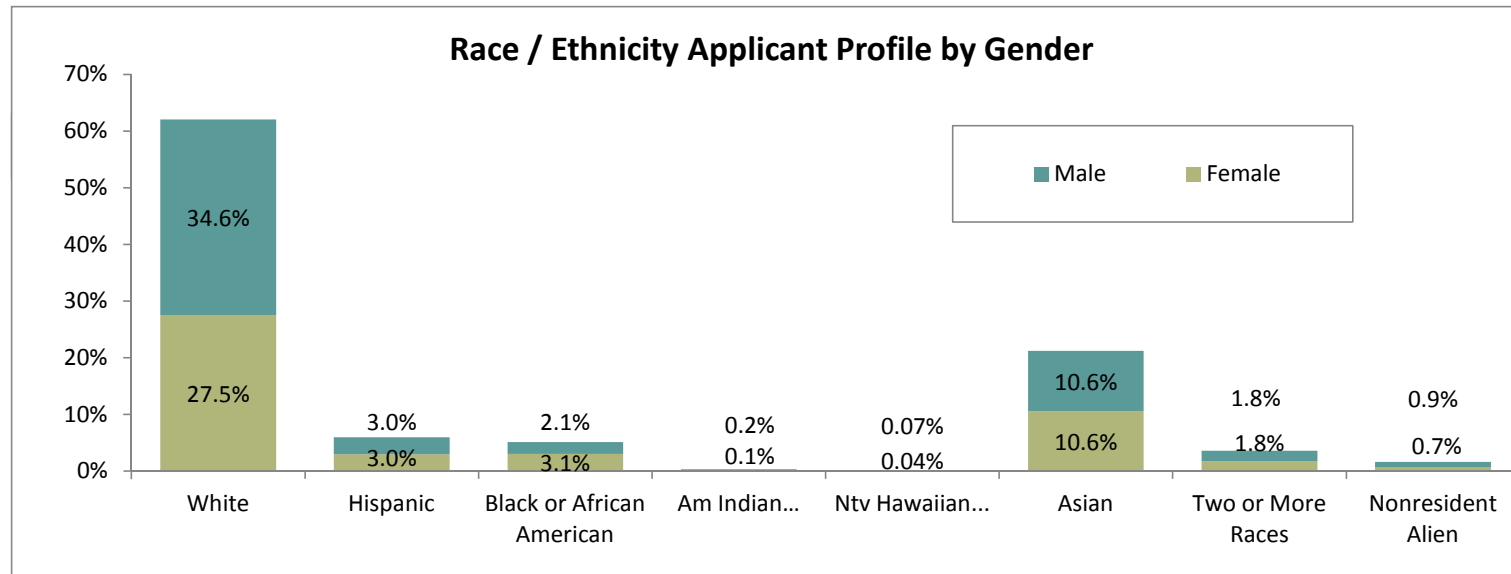
Race and Ethnicity (One Race Response) by Gender

<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.

Race and Ethnicity (One Race Response) by Gender			
Percent of Total Applicants	Female	Male	Total
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 (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

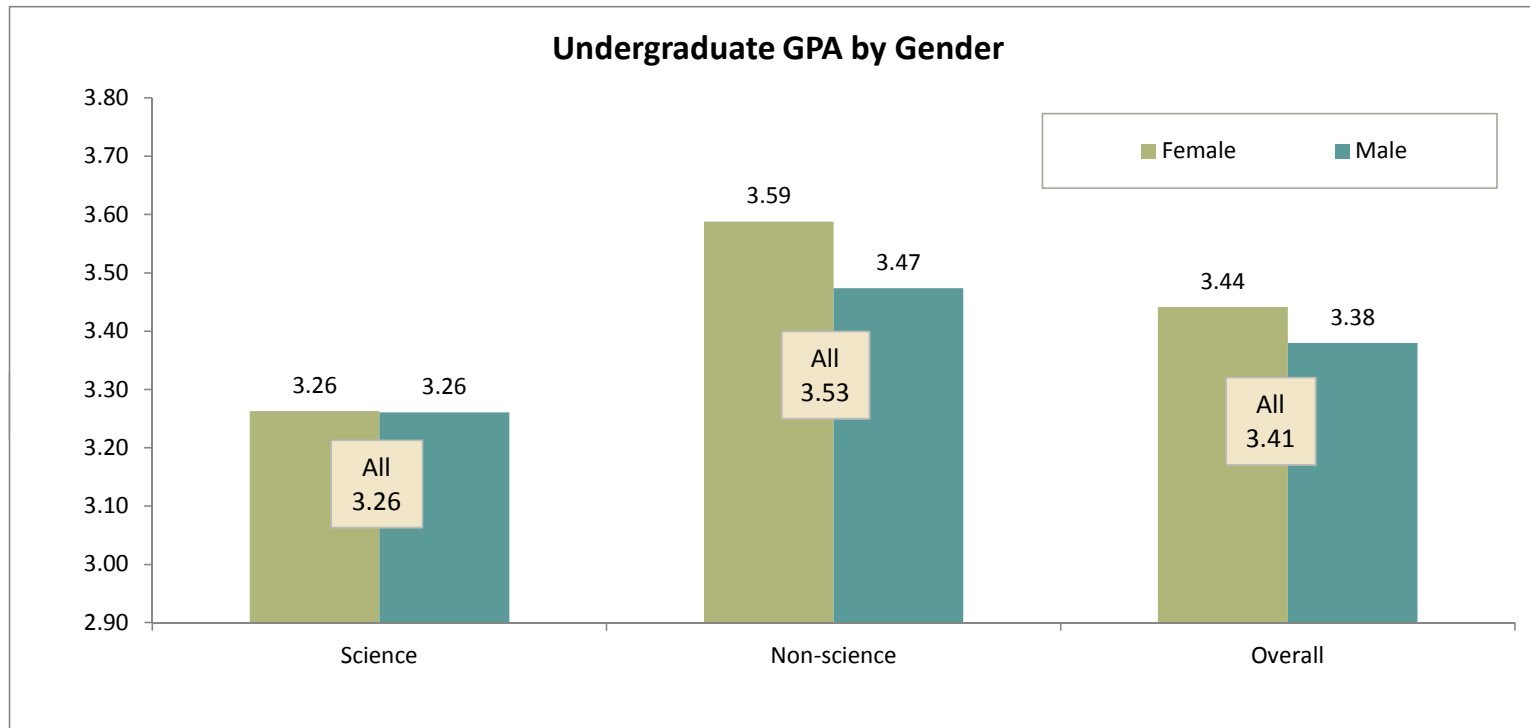
Unduplicated Underrepresented Minorities --- 1,734 applicants --- 12%
 Underrepresented minorities includes applicants of Hispanic ethnicity, Black or African American, American Indian or Alaska Native and Native Hawaiian or Other Pacific Islander race.

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

<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	

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

Semester Hours	Undegraduate	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

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.

MCAT Scores	Verbal	Biological Science	Physical Science	Total
Mean	8.37	9.01	8.28	25.66
SD	1.91	1.74	1.84	4.18
Median	9	9	8	26

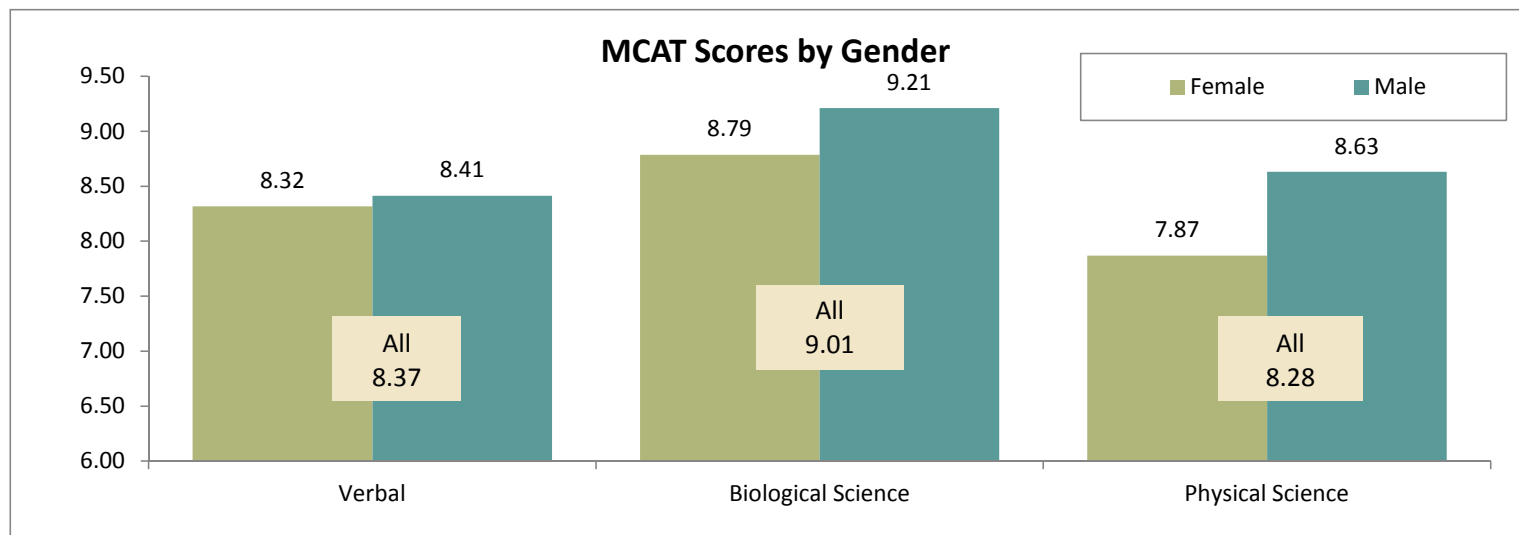
Distribution of Writing Scores	Score	Number	Percent
	J	48	0.4%
	K	304	2.3%
	L	766	5.9%
	M	3,119	24.0%
	N	1,216	9.4%
	O	1,889	14.5%
	P	1,335	10.3%
	Q	2,887	22.2%
	R	1,011	7.8%
	S	379	2.9%
	T	38	0.3%
	X	3	

MCAT Scores by Gender	Verbal	Biological Science	Physical Science	Total
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

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.

<u>Parents College Education</u>	<u>Number</u>	<u>Percent</u>
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.

<u>Met With AACOM or Osteopathic College Representative</u>	<u>Number</u>	<u>Percent</u>
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.

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

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.

<u>Citizenship</u>	<u>Number</u>	<u>Percent</u>
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	

<u>Permanent Country</u>	<u>Number</u>
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

