

AACOMAS Applicant Pool Profile

2015 Entering Class



Prepared by the Research Department

American Association of Colleges of Osteopathic Medicine

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AMERICAN ASSOCIATION OF
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AACOMAS Applicant Profile — 2015 Entering Class

Following are summary tables describing the 2015 applicants to osteopathic medical schools, compiled from data entered by applicants into the American Association of Colleges of Osteopathic Medicine Application Service (AACOMAS) application and additional data provided by the colleges. AACOMAS received 185,162 individual school applications from 20,447 applicants for 6,392 COCA-approved seats in Fall 2015. These numbers include all applicants to the 35 colleges of osteopathic medicine and branch campuses that participated in AACOMAS. There were 3.20 applicants for each COCA-approved seat in the first-year class. The mean number of individual school applications per applicant was 9.06.

The data points included in this report are as follows. Due to rounding, not all percents will total 100 in the tables below.

- **Gender** – Full data are available for all but 216 applicants.
- **Age** – Data are classified into six age groups and calculated as of July 1, 2015. Also provided are the minimum, maximum, mean, and median applicant ages. Because AACOMAS does not require applicants to provide date of birth, the number of applicants with missing data is indicated in these tables.
- **Military Experience** – The type of military discharge is a distinct question in the AACOMAS application.
- **Race/Ethnicity** – The race and ethnicity questions on the AACOMAS application ask applicants to mark all that apply. For this report, race/ethnicity is examined using both: (1) single category response, where a single race/ethnicity is counted for each applicant, applicants listing more than one race are reported as “Multiple Races,” and any applicant who marks Hispanic/Latino is counted as being of Hispanic/Latino ethnicity, effectively superseding any other race selection(s) s/he may have made; and (2) multiple category response, where each applicant is counted for every race/ethnicity the applicant reported, which may result in the applicant being counted multiple times. For the tables and figures in this report, the Multiple Races and Unknown categories do not describe option choices in the AACOMAS application, but are instead respondent behavior (e.g., multiple or missing responses). United States citizens and permanent residents are included in race and ethnicity totals, while temporary residents and non-U.S. citizens are counted in the Foreign category. This follows U.S. Census and IPEDS collection and reporting methodology.
- **Baccalaureate Major** – All reported majors leading to a baccalaureate degree were organized into five groups: Life Sciences, Social Sciences (including Psychology and Education), Physical Sciences (including Mathematics and Engineering), Arts & Humanities, and Other. The number of majors may be greater than the number of applicants, as students can complete more than one baccalaureate degree or may complete multiple majors.
- **GPA** – AACOMAS may calculate up to three sets of GPAs for each applicant: undergraduate only, undergraduate, and post-baccalaureate and all coursework. AACOMAS has provided means and standard deviations for both the science and non-science GPAs, as well as the overall GPA. Data are provided only for cells in which there are at least five applicants. The means in the total column are calculated as means of total, not total of means.
- **MCAT Scores** – AACOMAS received MCAT data from 19,417 applicants in 2015. For cases in which more than one set of scores for a particular applicant was received, AACOMAS included the set with the highest total score. The mean, standard deviation, and median for each section of the MCAT, as well as the total MCAT score, are all included in this report. AACOMAS reports data for which there are at least five applicants in an individual cell. The means in the total column are calculated as means of total, not total of means.
- **Parents' College Education** – This is not a required question on the application.
- **Family Member is a DO or MD** – Full data are available for all applicants.
- **Feeder Colleges** – The top 20 undergraduate feeder colleges providing the largest number of applicants.
- **State of Permanent Residence** – In 2015, AACOMAS received 315 applications from non-U.S. permanent residents, 263 of whom were Canadian residents. A map displaying all U.S. applicants is also included in this report.

Note: The University of North Texas Health Sciences Center at Fort Worth/Texas College of Osteopathic Medicine and NYIT-COM's émigré program applicants are not included in this analysis because the data are not part of the AACOMAS database. UNTHSC/TCOM receives its applications through the Texas Medical and Dental School Application Service.

AACOMAS Applicant Pool Profile

2015 Entering Class: 20,447

1. Applicant Characteristics

1.1: Applications/Designations*	Number	Percent
Applications	20,447	100.0%
First Time	13,506	66.1%
Repeat	6,941	33.9%
Designations	185,162	

*The maximum number of schools an applicant can apply to is 35 .

1.2: Gender	Number	Percent
Male	10,816	53.5%
Female	9,415	46.5%
Undisclosed	216	
Total	20,447	

1.3: Age as of July 1, 2015	Number	Percent
20 and Younger	144	0.7%
21 – 25	14,627	71.5%
26 – 30	4,297	21.0%
31 – 40	1,202	5.9%
41 – 50	155	0.8%
51 and Older	20	0.1%
Undisclosed	2	
Total	20,447	

Minimum Age	18
Maximum Age	59
Mean Age	25
Median Age	24

1.4: Military Experience	Number	Percent
No Military Experience	19,914	97.5%
Yes, Discharged	267	1.3%
Yes, Still Serving	240	1.2%
Yes, Other than Honorable Discharge	8	0.0%
Invalid Response	18	
Total	20,447	

1.5: Race/Ethnicity – Single Category Response†	Number	Percent
White	11,036	56.1%
Asian American	4,728	24.0%
Hispanic/Latino	1,589	8.1%
Black/African American	1,148	5.8%
Multiple Races	750	3.8%
Foreign	377	1.9%
Native American/Alaska Native	30	0.2%
Hawaiian/Pacific Islander	11	0.1%
Undisclosed	778	
Total	20,447	
Underrepresented Minorities*	2,778	13.6%

†: Except when otherwise noted, all race/ethnicity tables and figures are calculated using "single category response."

*Includes Hispanic/Latino ethnicity, Black/African American, Native American/Alaska Native and Hawaiian/Pacific Islander.

Note: Corresponds to Figure 2.

AACOMAS Applicant Pool Profile

2015 Entering Class: 20,447

1.6: Race/Ethnicity by Gender – Frequency	Male	Female	Total
White	6,361	4,669	11,030
Asian American	2,347	2,375	4,722
Hispanic/Latino	789	800	1,589
Black/African American	423	724	1,147
Multiple Races	394	356	750
Foreign	194	183	377
Native American/Alaska Native	19	11	30
Hawaiian/Pacific Islander	7	4	11
Undisclosed	282	293	575
Total	10,816	9,415	20,231

Note: Race/Ethnicity by gender table does not include applicants with undisclosed gender.

1.6a: Race/Ethnicity by Gender – Percent	Male	Female	Total
White	32.4%	23.8%	56.1%
Asian American	11.9%	12.1%	24.0%
Hispanic/Latino	4.0%	4.1%	8.1%
Black/African American	2.2%	3.7%	5.8%
Multiple Races	2.0%	1.8%	3.8%
Foreign	1.0%	0.9%	1.9%
Native American/Alaska Native	0.1%	0.1%	0.2%
Hawaiian/Pacific Islander	0.0%	0.0%	0.1%
Total	53.6%	46.4%	

Note: Race/Ethnicity by gender table does not include applicants with undisclosed gender and race/ethnicity.

Note: Corresponds to Figure 3.

Note: Due to rounding, the sum of male/female percents in a particular row may differ from the "total" shown in that row.

1.7: Race/Ethnicity – Multiple Category Responses	Number	Percent
White	12,641	57.4%
Asian American	5,645	25.6%
Hispanic/Latino	1,589	7.2%
Black/African American	1,423	6.5%
Foreign	440	2.0%
Native American/Alaska Native	204	0.9%
Hawaiian/Pacific Islander	89	0.4%
Undisclosed	778	
Total	22,809	

2. Baccalaureate Degree Majors

2.1: Baccalaureate Degree Major	Number	Percent
Life Sciences	16,967	68.7%
Social Sciences	2,522	10.2%
Arts & Humanities	1,707	6.9%
Physical Sciences	1,694	6.9%
Other	1,805	7.3%

Note: The number of majors may be greater than the number of applicants, as students can complete multiple baccalaureate degrees/majors.

3. GPA and Semester Hours

3.1: GPA – All Academic Levels	Science	Non-science	Overall
Mean – FR–SR	3.30	3.56	3.44
SD	0.48	0.35	0.35
Mean – FR–SR, PB	3.36	3.57	3.46
SD	0.39	0.34	0.32
Mean All Including Graduate	3.37	3.57	3.47
SD	0.37	0.32	0.31



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AACOMAS Applicant Pool Profile

2015 Entering Class: 20,447

3.2: Undergraduate GPA Range	Science	Non-science	Overall
3.60 – 4.00	5,553	10,947	7,284
3.20 – 3.59	7,732	6,764	8,876
2.80 – 3.19	4,916	2,149	3,486
2.40 – 2.79	1,595	479	680
2.00 – 2.39	414	73	90
Less than 2.00	237	35	31

Note: Percentages provided in Figure 4.

3.3: Undergraduate GPA by Gender	Science	Non-science	Overall
Mean – Male	3.31	3.51	3.42
SD – Male	0.48	0.37	0.36
Mean – Female	3.29	3.61	3.46
SD – Female	0.48	0.31	0.33

Note: Corresponds to Figure 5.

3.4: Undergraduate GPA by Race/Ethnicity	Science	Non-science	Overall
Mean – White	3.36	3.59	3.49
SD – White	0.47	0.33	0.32
Mean – Asian American	3.27	3.55	3.42
SD – Asian American	0.46	0.36	0.36
Mean – Hispanic/Latino	3.20	3.48	3.36
SD – Hispanic/Latino	0.47	0.35	0.34
Mean – Black/African American	3.00	3.37	3.21
SD – Black/African American	0.54	0.43	0.41
Mean – Multiple Races	3.24	3.53	3.40
SD – Multiple Races	0.46	0.32	0.31
Mean – Foreign	3.44	3.58	3.51
SD – Foreign	0.44	0.37	0.36
Mean – Native American/Alaska Native	3.22	3.43	3.37
SD – Native American/Alaska Native	0.51	0.40	0.38
Mean – Hawaiian/Pacific Islander	3.36	3.56	3.47
SD – Hawaiian/Pacific Islander	0.40	0.29	0.27

3.5: Semester Hours	Undergrad	Post-Bac	Graduate	Total
Median – Behavioral Science	18.00	10.00	8.00	9.90
SD – Behavioral Science	14.96	9.50	6.37	13.49
Median – Biochemistry	4.00	8.00	6.00	4.00
SD – Biochemistry	10.49	3.80	3.51	4.47
Median – Biology/Zoology	3.00	3.00	4.00	32.00
SD – Biology/Zoology	8.69	2.28	3.21	17.78
Median – English	4.00	8.00	6.00	9.00
SD – English	7.03	3.43	3.24	6.16
Median – Genetic	4.00	3.00	4.00	4.00
SD – Genetics	4.69	2.13	2.61	2.51
Median – Inorganic Chemistry	4.00	8.00	5.40	10.00
SD – Inorganic Chemistry	15.43	3.14	3.23	5.90
Median – Math	8.00	3.00	4.00	12.00
SD – Math	19.16	9.58	6.69	8.87
Median – Organic Chemistry	3.00	4.00	5.00	9.00
SD – Organic Chemistry	6.61	4.79	4.24	3.42
Median – Physics	3.00	3.00	4.00	8.00
SD – Physics	14.82	5.24	5.05	4.08
Median – Other Science	8.00	5.00	9.00	7.00
SD – Other Science	19.49	13.08	9.27	16.43

AACOMAS Applicant Pool Profile

2015 Entering Class: 20,447

3.5: Semester Hours (Cont.)	Undergrad	Post-Bac	Graduate	Total
Median – Other Non-Science	3.00	3.30	4.00	37.00
SD – Other Non-Science	4.29	1.78	1.42	26.31
Median – Total Hours	34.00	22.00	34.00	154.50
SD – Total Hours	27.23	26.62	15.64	41.31

4. MCAT Scores

4.1: MCAT Scores	Verbal	Biological Sci.	Physical Sci.	Total
Mean	8.59	9.25	8.54	26.38
SD	1.88	1.74	1.91	4.23
Median	9.00	9.00	8.00	27.00

4.2: MCAT Score Range	Number	Percent
40 – 45	3	0.0%
35 – 40	380	2.0%
30 – 34	4,026	20.7%
25 – 29	9,113	46.9%
20 – 24	4,786	24.6%
15 – 19	948	4.9%
6 – 14	161	0.8%
Less than 5	0	0.0%

4.3: MCAT Scores by Gender	Verbal	Biological Sci.	Physical Sci.	Total
Mean – Male	8.63	9.49	8.93	27.05
SD – Male	1.89	1.71	1.91	4.17
Mean – Female	8.54	8.95	8.09	25.58
SD – Female	1.88	1.73	1.81	4.15

Note: Corresponds to Figure 6.

4.4: MCAT Scores by Race/Ethnicity	Verbal	Biological Sci.	Physical Sci.	Total
Mean – White	8.86	9.36	8.51	26.74
SD – White	1.76	1.65	1.82	3.91
Mean – Asian American	8.40	9.40	9.05	26.85
SD – Asian American	1.94	1.74	1.95	4.32
Mean – Hispanic/Latino	8.13	8.79	7.90	24.81
SD – Hispanic/Latino	1.90	1.73	1.73	4.09
Mean – Black/African American	7.21	7.77	7.07	22.06
SD – Black/African American	1.96	1.84	1.65	4.10
Mean – Multiple Races	8.65	9.18	8.40	26.22
SD – Multiple Races	1.91	1.73	1.89	4.27
Mean – Foreign	8.16	9.91	9.68	27.76
SD – Foreign	1.94	1.68	2.05	4.31
Mean – Native American/Alaska Native	8.32	8.50	7.82	24.64
SD – Native American/Alaska Native	1.56	1.95	1.81	3.67
Mean – Hawaiian/Pacific Islander	6.90	8.30	8.20	23.40
SD – Hawaiian/Pacific Islander	2.85	2.83	2.66	7.31

5. Familiarity with Osteopathic Medicine

5.1: Met with AACOM or Osteopathic College Representative	Number	Percent
Have not met with/heard presentation	10,688	52.3%
Have met with/heard presentation by med. education representative	7,673	37.5%
Have met with/heard presentation by both	1,310	6.4%
Have met with/heard presentation by AACOM representative	775	3.8%
Undisclosed	1	
Total	20,446	



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2015 Entering Class: 20,447

5.2: First Learn About Osteopathic Medicine	Number	Percent
D.O.	6,727	33.0%
Advisor	5,184	25.4%
Other	4,302	21.1%
Internet	2,036	10.0%
College Representative	1,716	8.4%
AACOM	334	1.6%
Mailing	81	0.4%
Undisclosed	67	
Total	20,447	

6. Applicant's Family and Prior Medical Education

6.1: Parents' College Education	Number	Percent
Yes	15,359	75.9%
No	4,875	24.1%
Undisclosed	213	
Total	20,447	

6.2: Family Member is a DO or MD	Number	Percent
Yes	6,960	34.0%
No	13,487	66.0%
Total	20,447	

6.3: Previously Matriculated to DO or MD School	Number	Percent
Yes	173	0.8%
No	20,274	99.2%
Total	20,447	

7. Feeder Colleges

7.1: Top 20 Feeder Institutions	Number
Michigan State University	353
University of Florida	345
Rutgers, The State University of NJ	330
University of California-UCLA	313
University of California-Irvine	275
Brigham Young University	274
University of Michigan-Ann Arbor	268
University of California-San Diego	252
University of California-Berkeley	240
University of Central Florida	229
Ohio State University-All Campuses	224
Arizona State University-All Campuses	221
University of California-Davis	221
University of South Florida	211
SUNY-Stony Brook	207
Penn State University-All Campuses	197
University of Illinois at Urbana-Champaign	189
Loyola University Chicago	177
University of Pittsburgh	160
University of Arizona	148

AACOMAS Applicant Pool Profile

2015 Entering Class: 20,447

8. Citizenship and Geographic Origin

8.1: Citizenship	Number	Percent
U.S. Citizen	19,320	94.5%
Permanent Resident	687	3.4%
Temporary Resident	165	0.8%
Non-Citizen	275	1.3%
Total	20,447	

8.2: Permanent Country	Number	Percent
United States	20,132	98.5%
Canada	263	1.3%
China	5	
South Korea	4	
India	3	
Japan	3	
Vietnam	3	
Taiwan	3	
France	2	
Nigeria	2	
Singapore	2	
United Kingdom	2	
Afghanistan	1	
Bahamas	1	0.2%
Greece	1	
Indonesia	1	
Israel	1	
Malaysia	1	
Morocco	1	
Nicaragua	1	
Pakistan	1	
Saudi Arabia	1	
Zimbabwe	1	
Spain	1	
Thailand	1	
United Arab Emirates	1	
Bangladesh	1	
Moldova	1	
Russia	1	
Unlisted	6	
Total	20,447	

AACOMAS Applicant Pool Profile

2015 Entering Class: 20,447

8.3: Permanent Residence	Number	Percent
Alabama	246	1.2%
Alaska	35	0.2%
Arizona	467	2.3%
Arkansas	85	0.4%
California	2,460	12.0%
Colorado	306	1.5%
Connecticut	195	1.0%
Delaware	61	0.3%
District of Columbia	21	0.1%
Florida	1,619	7.9%
Georgia	469	2.3%
Guam	2	0.0%
Hawaii	55	0.3%
Idaho	102	0.5%
Illinois	1,017	5.0%
Indiana	445	2.2%
Iowa	208	1.0%
Kansas	183	0.9%
Kentucky	211	1.0%
Louisiana	159	0.8%
Maine	79	0.4%
Maryland	368	1.8%
Massachusetts	317	1.6%
Michigan	1,119	5.5%
Minnesota	305	1.5%
Mississippi	128	0.6%
Missouri	374	1.8%
Montana	46	0.2%
Nebraska	82	0.4%
Nevada	138	0.7%
New Hampshire	55	0.3%
New Jersey	962	4.7%
New Mexico	51	0.2%
New York	1,670	8.2%
North Carolina	380	1.9%
North Dakota	21	0.1%
Ohio	826	4.0%
Oklahoma	354	1.7%
Oregon	188	0.9%
Pennsylvania	1,140	5.6%
Puerto Rico	8	0.0%
Rhode Island	34	0.2%
South Carolina	146	0.7%
South Dakota	49	0.2%
Tennessee	293	1.4%
Texas	817	4.0%
Utah	395	1.9%
Vermont	21	0.1%
Virgin Islands	0	0.0%
Virginia	555	2.7%
Washington	375	1.8%
West Virginia	142	0.7%
Wisconsin	318	1.6%
Wyoming	30	0.1%
U.S. Permanent Residents	20,132	98.5%
Non-U.S. Permanent Residents	315	1.5%
Total	20,447	

Figure 1: College Designations

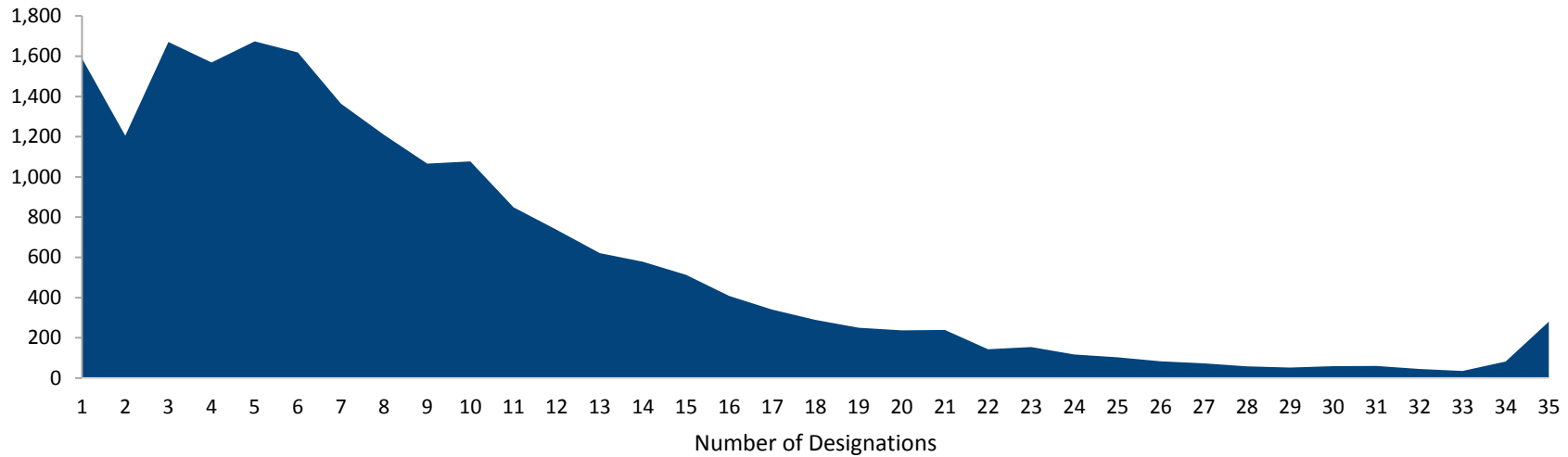


Figure 2: Race/Ethnicity Percentages
Single Category Response

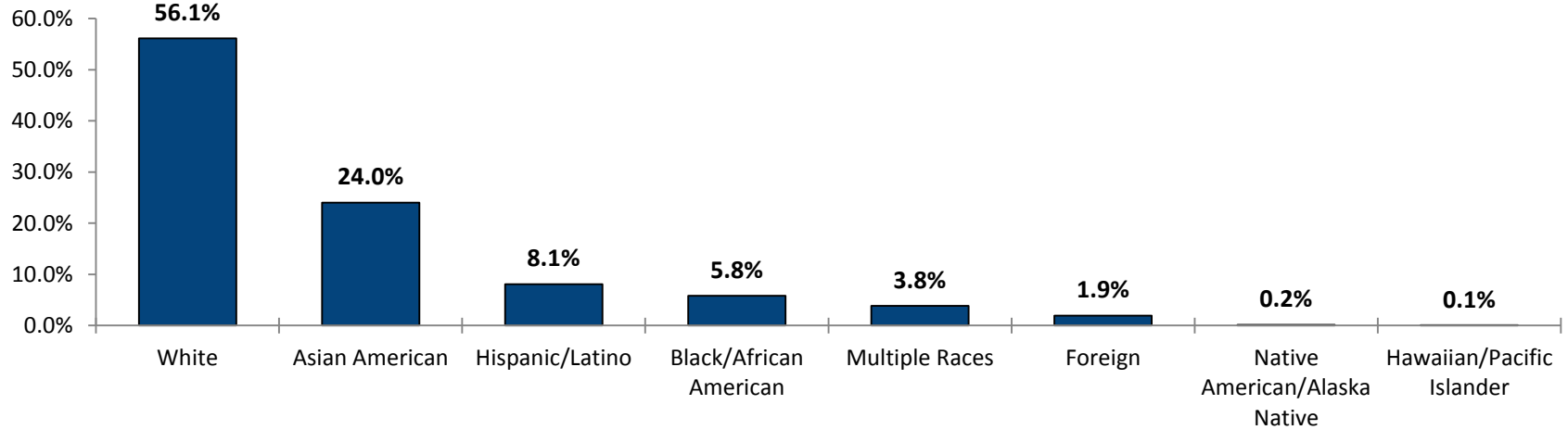


Figure 3: Race/Ethnicity Percentages by Gender
Single Category Response

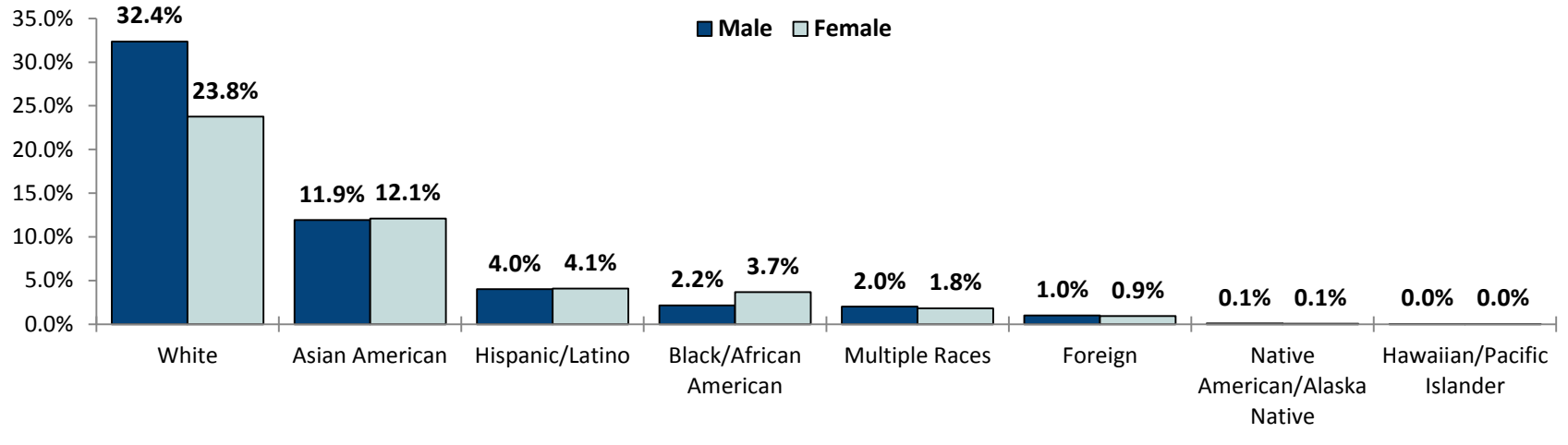


Figure 4: Undergraduate GPA Range Percentage

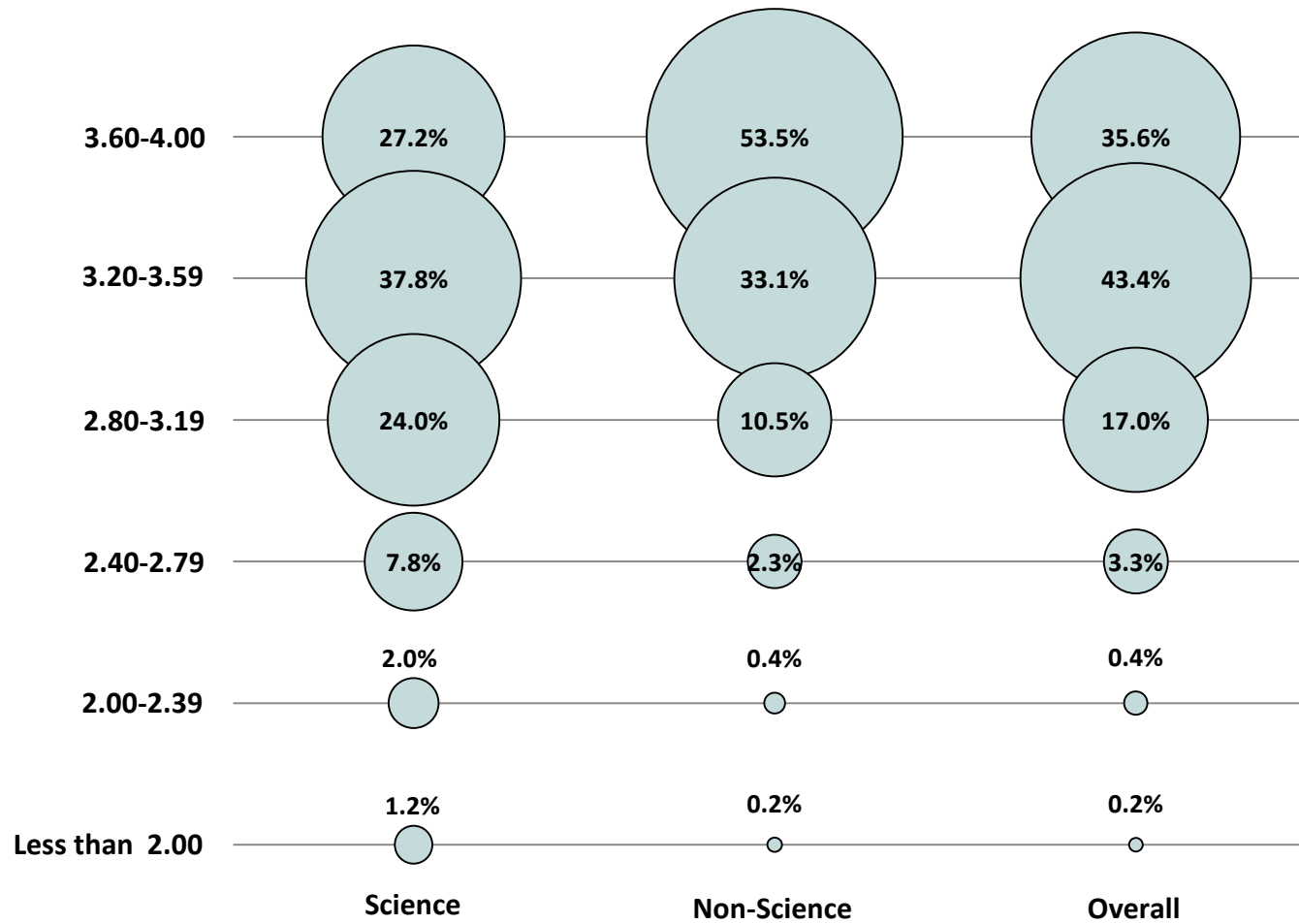


Figure 5: Mean Undergraduate GPA by Gender

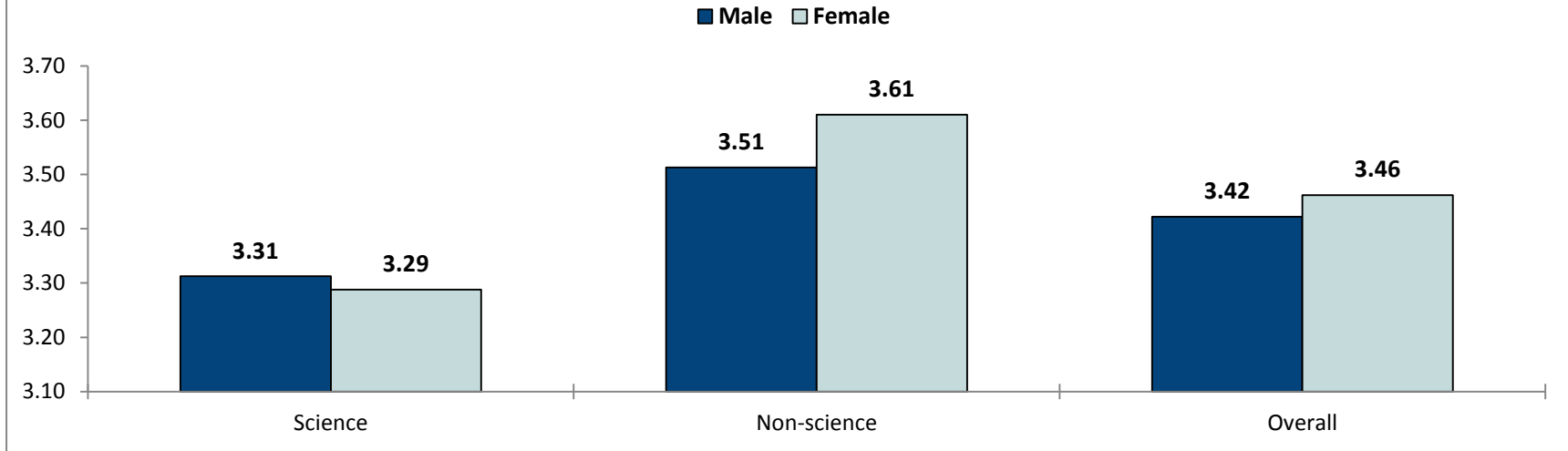
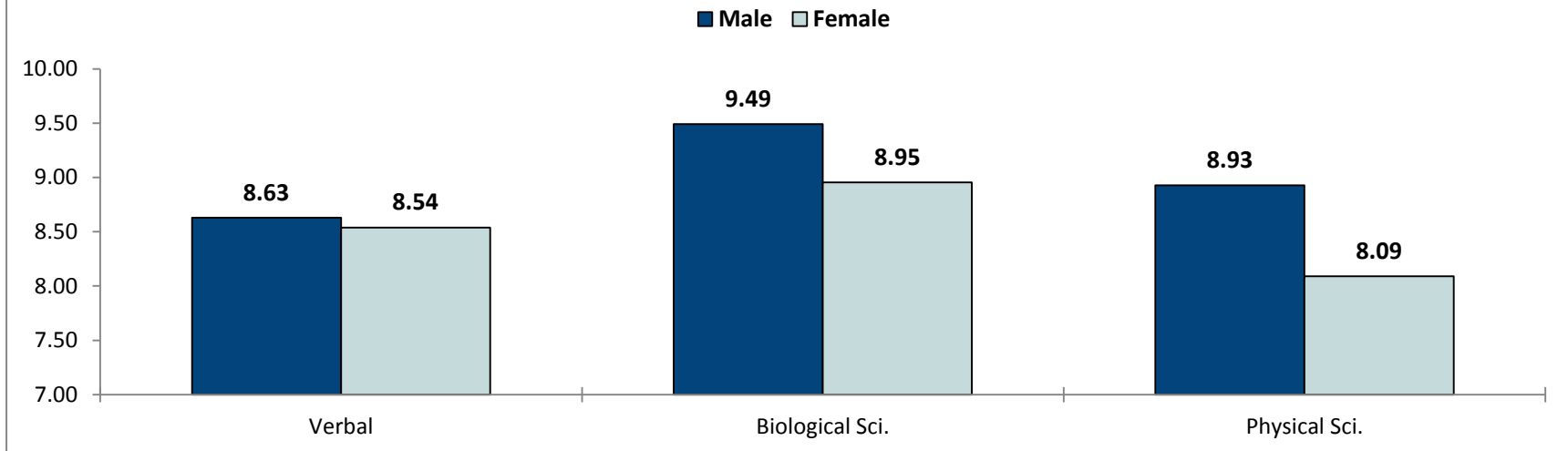


Figure 6: Mean MCAT Score by Gender



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2015 Entering Class

