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2019 AACOMAS Profile: Applicant and Matriculant Report

Prepared by the Research Department
American Association of Colleges of Osteopathic Medicine

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2019 AACOMAS Profile: Applicant and Matriculant Report Abstract

Following are summary tables of osteopathic medical school applicants and matriculants from the 2019 entering class.

The American Association of Colleges of Osteopathic Medicine Application Service (AACOMAS) received 193,250 individual school applications from 21,668 applicants and matriculated 7,741 of these applicants. The application cycle opened in May 2018 and closed in April 2019, with deadlines varying by college of osteopathic medicine (COM). The mean number of individual school applications per applicant was 8.92.

A summary of the data points included in this report are as follows. Due to rounding, not all percentages will total to 100 in the tables below. Applicant and matriculant data are based on the information available in Liaison's WebAdMIT system¹.

1. Applicant and Matriculant Characteristics

- A total of 21,668 applicants and 7,741 matriculants are included in this report. These applicants submitted 193,250 individual school applications and the matriculants submitted 80,265 individual school applications.
- The mean number of individual school applications per applicant was 8.92 and per matriculant was 10.37.
- Women represented more than half of the applicant pool (52.7%) and half of the matriculant pool (50.0%).
- The mean age was 23 for both applicants and matriculants in 2019.
- For the single race/ethnicity category, the percentage of underrepresented minorities is 17.1 percent for applicants and 10.9 percent for matriculants.

2. Baccalaureate Degree Majors

- Applicants with a major categorized as life sciences were nearly 78.7 percent of the pool. The remaining percentages are as follows: social sciences (8.5%), physical sciences (6.0%), arts & humanities (3.6%), other majors (3.0%) and no major (0.1%). A total of 28 applicants reported no major and 293 applicants were missing a major.
- Matriculants with a major categorized as life sciences were nearly 80.6 percent of the pool. The remaining percentages are as follows: social sciences (7.1%), physical sciences (6.2%), arts & humanities (3.1%), other majors (3.0%), and no major (0.1%). A total of 10 matriculants reported no major and 75 matriculants were missing a major.

3. GPA

- Applicants' undergraduate GPAs are as follows:
 - Non-Science: 3.59;
 - Science: 3.33;
 - Total: 3.46.
- Matriculants' undergraduate GPAs are as follows:
 - Non-Science: 3.66;
 - Science: 3.45;
 - Total: 3.55.
- Women had a higher total undergraduate mean GPA compared to men, 3.47 compared to 3.44 for applicants and 3.58 compared to 3.52 for matriculants.
- Nonresident alien and American Indian or Alaska Native applicants total undergraduate mean GPA was 3.57 and American Indian or Alaska Native matriculants total undergraduate mean GPA was 3.72—the highest compared to all other single category race/ethnicities.

¹ This report was revised on December 12, 2023.

4. MCAT Scores

- Applicants' mean scores for the MCAT are as follows:
 - Psychological, social and biological foundations of behavior: 126.36;
 - Biological and biochemical foundations of living systems: 125.84;
 - Chemical and physical foundations of biological systems: 125.47;
 - Critical analysis and reasoning skills: 125.03;
 - Total for all sections: 502.70.
- Matriculants' mean scores for the MCAT are as follows:
 - Psychological, social and biological foundations of behavior: 126.73;
 - Biological and biochemical foundations of living systems: 126.25;
 - Chemical and physical foundations of biological systems: 125.87;
 - Critical analysis and reasoning skills: 125.28;
 - Total for all sections: 504.12.
- Women applicants and matriculants continued to have lower total mean MCAT scores compared to men for both exam types—501.18 compared to 503.61 for applicants and 503.25 compared to 504.99 for matriculants.
- Asian applicants total mean MCAT score was 503.39 and Nonresident Alien matriculants' total mean MCAT score was 506.60—the highest compared to all other single category races/ethnicities.

5. Familiarity with Osteopathic Medicine and Prior Medical Education

- The total number of applicants and matriculants reporting having met with/heard a presentation by an osteopathic college representative, an AACOM representative or both was 9,077 (49.0%) and 3,433 (51.4%).
- The three most common ways applicants first learn about osteopathic medicine are as follows: 4,946 (22.8%) from an osteopathic physician, 3,527 (16.3%) from a pre-health advisor or faculty member and 3,385 (15.6%) from current medical students
- The three most common ways matriculants first learn about osteopathic medicine are as follows: 1,735 (22.4%) from an osteopathic physician, 1,327 (17.1%) from a pre-health advisor or faculty member and 1,208 (15.6%) from current medical students.
- A total of 508 (2.3%) applicants and 128 (1.7%) matriculants previously matriculated to a healthcare profession school. Allopathic medicine was the most common type of healthcare profession school previously attended, representing 149 (0.7%) of applicants and 34 (0.4%) matriculants.

6. Health Resources and Services Administration (HRSA) Indicators

- A total of 5,813 (25.6%) applicants graduated from a high school at which many of the students were eligible for free or reduced lunch. Two other HRSA indicators—living in a Health Professional Shortage Area and economically disadvantaged—are reported by 4,007 (17.6%) and 3,876 (17.3%) applicants.
- A total of 1,877 (24.2%) matriculants graduated from a high school at which many of the students were eligible for free or reduced lunch. Those living in a Health Professional Shortage Area and Economically disadvantaged matriculants are reported by 1,319 (17.0%) and 1,055 (13.6%).
- Applicants living in a large town totaled 5,870 (27.1%). More than five percent of applicants—1,188—were from an isolated rural area.
- Matriculants living in a large town totaled 2,232 (28.8%). More than five percent of matriculants—399—were from an isolated rural area.

7. Feeder College

- University of Florida; University of California, Los Angeles and Michigan State University - East Lansing were the top three feeder colleges for applicants, together supplying 1,064 (4.9%) applicants.
- University of Florida; University of California, Los Angeles and Michigan State University - East Lansing were the top three feeder colleges for matriculants, together supplying 432 (5.6%) matriculants.

8. Visa, Citizenship and Dual Citizenship

- In 2019, 95.9 percent of applicants and 96.7 percent of matriculants were U.S. citizens.
- There were 5,879 (27.1%) applicants who listed their state of residence as California, Florida or New York.
- There were 2,095 (27.1%) matriculants who listed their state of residence as California, Florida or New York.
- A total of 21,623 (95.2%) applicants and 7,976 (96.3%) matriculants listed their citizenship country as the United States. Of those not reporting the United States, 322 (1.4%) applicants and 93 (1.1%) matriculants were Canadian residents.
- Visas were held by 222 (1.0%) applicants and 66 (0.9%) matriculants; of these, 166 (0.8%) applicants and 50 (0.6%) matriculants held F1-student visas.

Data Cleaning Notes

Outlined below is a description of the types of filters, manipulations and categorization of data found in this report. An asterisk indicates that the question is optional in the AACOMAS application.

Variables	Description of Data Filters, Manipulation and Categorization
Gender*	– Gender reported based on two categories.
Age*	– Data are classified into seven age groups and calculated as of the date they submitted their application. – Applicants indicating an age less than 16 or greater than 100 in their application were not included in this analysis.
Race/Ethnicity*	– The race and ethnicity questions on the AACOMAS application ask applicants/matriculants 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/matriculant. Any applicants/matriculants listing more than one race are reported as “Multiple Races” and any applicant/matriculant 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/matriculant is counted for every race/ethnicity that the applicant/matriculant reported, which may result in the applicant/matriculant 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 nonresident alien 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/matriculants, as students can complete more than one baccalaureate degree or may complete multiple majors.
GPA	– Five sets of GPAs are reported. – Cells with fewer than five cases are not reported. – The means in the total column are calculated as means of total, not total of means.
MCAT	– For cases in which more than one set of scores for a particular applicant/matriculant were received, AACOM included the set with the highest total score. – Cells with fewer than five cases are not reported. – The means in the total column are calculated as means of total, not total of means.
Met With or Heard Presentation*	– Applicants/matriculants report if they met with or heard a presentation by AACOM or osteopathic college representative based on four categories.

First Learned About Osteopathic Medicine*	<ul style="list-style-type: none"> – Applicants/matriculants report where they learned about osteopathic medicine based on 10 categories. – The first option an applicant selected from the list of 10 categories is used in this report.
Previously Matriculated to Healthcare Profession School	<ul style="list-style-type: none"> – Applicants/matriculants indicate whether they previously matriculated to a healthcare profession school and the type of school they previously attended.
HRSA Indicators*	<ul style="list-style-type: none"> – Eleven HRSA categorical indicators are included in the AACOMAS application.
Feeder Colleges	<ul style="list-style-type: none"> – Based on the primary undergraduate college in the AACOMAS application.
Citizenship	<ul style="list-style-type: none"> – Applicants/matriculants select their citizenship status from four pre-defined fields in the AACOMAS application.
State	<ul style="list-style-type: none"> – Based on the legal state/providence of residence listed in the application.
Visas	<ul style="list-style-type: none"> – Applicants/matriculants indicate if they hold a visa and the type of visa they hold.
Dual Citizen	<ul style="list-style-type: none"> – Applicants/matriculants indicate whether they are a dual citizen and to which other country they hold a dual citizenship.

2019 AACOMAS Profile: Applicant and Matriculant Report

Applicants: 21,668

Matriculants: 7,741

1. Applicant and Matriculant Characteristics

1.1: Applicant, Matriculants and Applications*

	<u>Applicants</u>	<u>Applications</u>	<u>Matriculants</u>	<u>Applications</u>
Number	21,668	193,250	7,741	80,265

*Applicant, matriculant, and applications data are as of October 13, 2021.

<u>1.2: Gender</u>	<u>Number</u>	<u>Percent</u>	<u>Number</u>	<u>Percent</u>
Male	10,243	47.3%	3,868	50.0%
Female	11,395	52.7%	3,866	50.0%
Undisclosed	30		7	
Total	21,668		7,741	

<u>1.3: Age Characteristics</u>	<u>Number</u>	<u>Number</u>
Minimum Age	18	18
Maximum Age	68	61
Mean Age	24	24
Median Age	23	23

<u>1.4: Age Range</u>	<u>Number</u>	<u>Percent</u>	<u>Number</u>	<u>Percent</u>
19 and Younger	67	0.3%	21	0.3%
20 - 25	20,304	93.7%	7,397	95.6%
26 - 30	1,127	5.2%	301	3.9%
31 - 35	134	0.6%	17	0.2%
36 - 40	36	0.2%	--	--
41 - 45	--	--	--	--
46 and Older	--	--	--	--
Total	21,668		7,741	

<u>1.5: Military Experience</u>	<u>Number</u>	<u>Percent</u>	<u>Number</u>	<u>Percent</u>
No Military Service	20,953	96.7%	7,517	97.1%
Military Service	715	3.3%	224	2.9%
Total	21,668		7,741	

2019 AACOMAS Profile: Applicant and Matriculant Report

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1.6: Race/Ethnicity – Single Category Response¹	Number	Percent	Number	Percent
White	11,134	53.2%	4,447	59.3%
Asian	4,998	23.9%	1,858	24.8%
Hispanic/Latino	2,088	10.0%	586	7.8%
Black or African American	1,543	7.4%	244	3.3%
Two or More Races	819	3.9%	269	3.6%
Nonresident Alien	280	1.3%	80	1.1%
American Indian or Alaska Native	43	0.2%	7	0.1%
Native Hawaiian or Other Pacific Islander	26	0.1%	--	--
Race and Ethnicity Unknown	737		245	
Total	21,668		7,741	
Underrepresented Minorities*	3,700	17.1%	842	10.9%

¹: Except when otherwise noted, all race/ethnicity tables and figures are calculated using "single category response."

*Includes Hispanic/Latino ethnicity, Black or African American, American Indian or Alaska Native, and Native Hawaiian or Other Pacific Islander divided by total applicants

1.7: Race/Ethnicity by Gender – Frequency	Male	Female	Total	Male	Female	Total
White	5,666	5,460	11,126	2,343	2,101	4,444
Asian	2,233	2,760	4,993	860	998	1,858
Hispanic/Latino	919	1,168	2,087	284	302	586
Black or African American	544	997	1,541	95	149	244
Two or More Races	395	423	818	133	136	269
Nonresident Alien	123	157	280	32	48	80
American Indian or Alaska Native	21	22	43	--	--	7
Native Hawaiian or Other Pacific Islander	12	14	26	--	--	--
Race and Ethnicity Unknown	330	394	724	116	125	241
Total	10,243	11,395	21,638	3,868	3,866	7,734

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

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1.7a: Race/Ethnicity by Gender – Percent

	Male	Female	Total	Male	Female	Total
White	26.2%	25.2%	51.4%	30.3%	27.2%	57.5%
Asian	10.3%	12.8%	23.1%	11.1%	12.9%	24.0%
Hispanic/Latino	4.2%	5.4%	9.6%	3.7%	3.9%	7.6%
Black or African American	2.5%	4.6%	7.1%	1.2%	1.9%	3.2%
Two or More Races	1.8%	2.0%	3.8%	1.7%	1.8%	3.5%
Nonresident Alien	0.6%	0.7%	1.3%	0.4%	0.6%	1.0%
American Indian or Alaska Native	0.1%	0.1%	0.2%	--	--	0.1%
Native Hawaiian or Other Pacific Islander	0.1%	0.1%	0.1%	--	--	--
Race and Ethnicity Unknown	1.5%	1.8%	3.3%	1.5%	1.6%	3.1%
Total	47.3%	52.7%		50.0%	50.0%	

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

1.8: Race/Ethnicity – All Categories Responses

	Number	Percent	Number	Percent
White	13,139	41.1%	5,081	45.5%
Asian	5,810	18.2%	2,131	19.1%
Asian Indian	2,157	6.7%	788	7.1%
Hispanic	2,113	6.6%	593	5.3%
Black	1,931	6.0%	319	2.9%
Chinese	845	2.6%	333	3.0%
Mexican	798	2.5%	204	1.8%
Not Specified	752	2.4%	250	2.2%
Pakistani	675	2.1%	212	1.9%
Vietnamese	626	2.0%	252	2.3%
South American	661	2.1%	192	1.7%
Filipino	458	1.4%	162	1.5%
Korean	441	1.4%	174	1.6%
Other Spanish	346	1.1%	103	0.9%
Cuban	289	0.9%	92	0.8%
Puerto Rico	222	0.7%	62	0.6%

2019 AACOMAS Profile: Applicant and Matriculant Report

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1.8: Race/Ethnicity – All Categories Responses (cont')	Number	Percent	Number	Percent
American Indian	235	0.7%	66	0.6%
Japanese	148	0.5%	46	0.4%
Pacific Islander	103	0.3%	28	0.3%
Other Pacific Islander	43	0.1%	9	0.1%
Other Asian	41	0.1%	18	0.2%
Cambodian	41	0.1%	18	0.2%
Malaysian	25	0.1%	11	0.1%
Hawaiian	31	0.1%	12	0.1%
Guamanian Chamorro	24	0.1%	9	0.1%
Samoan	12	0.0%	--	--
Mexian American/Chicano	--	--	--	--
Hawaii Pacific Islander	--	--	--	--
Total	31,966		11,169	

Note: Applicants may select all race/ethnicities that apply.

2. Baccalaureate Degree Majors

2.1: Baccalaureate Degree Major	Number	Percent	Number	Percent
Life Sciences	16,830	78.7%	6,175	80.6%
Social Sciences	1,808	8.5%	547	7.1%
Physical Sciences	1,292	6.0%	473	6.2%
Arts & Humanities	775	3.6%	234	3.1%
Other	642	3.0%	227	3.0%
No Major	28	0.1%	10	0.1%
Undisclosed	293		75	

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

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3. GPA

3.1: GPA – All Academic Levels

	<u>Mean</u>	<u>SD</u>	<u>Mean</u>	<u>SD</u>
Undergraduate Non-Science GPA	3.59	0.33	3.66	0.29
Undergraduate Science GPA	3.33	0.44	3.45	0.36
Undergraduate Total GPA	3.46	0.35	3.55	0.29
Cumulative Undergraduate Non-Science GPA	3.60	0.33	3.66	0.28
Cumulative Undergraduate Science GPA	3.37	0.40	3.48	0.32
Cumulative Undergraduate Total GPA	3.47	0.33	3.56	0.27
Graduate Non-Science GPA	3.73	0.39	3.79	0.34
Graduate Science GPA	3.57	0.40	3.66	0.32
Graduate Total GPA	3.59	0.38	3.67	0.30
Postbaccalaureate Non-Science GPA	3.76	0.42	3.82	0.35
Postbaccalaureate Science GPA	3.60	0.47	3.71	0.37
Postbaccalaureate Science Total GPA	3.63	0.45	3.73	0.35
Overall Non-Science GPA	3.60	0.32	3.67	0.27
Overall Science GPA	3.39	0.37	3.50	0.28
Overall Total GPA	3.49	0.32	3.57	0.25

3.2: Undergraduate GPA Range - Frequency

	<u>Science</u>	<u>Non-Science</u>	<u>Total</u>	<u>Science</u>	<u>Non-Science</u>	<u>Total</u>
3.60 – 4.00	6,635	12,721	8,604	2,925	5,193	3,786
3.20 – 3.59	7,770	6,265	8,501	3,196	1,929	3,053
2.80 – 3.19	4,614	1,939	3,391	1,197	488	747
2.40 – 2.79	1,796	535	886	307	87	102
2.00 – 2.39	538	104	177	60	12	22
Less than 1.99	538	13	19	23	--	--

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3.2a: Undergraduate GPA Range - Percent

	Science	Non-Science	Total	Science	Non-Science	Total
3.60 – 4.00	30.3%	59.0%	39.9%	37.9%	67.4%	49.1%
3.20 – 3.59	35.5%	29.0%	39.4%	41.5%	25.0%	39.6%
2.80 – 3.19	21.1%	9.0%	15.7%	15.5%	6.3%	9.7%
2.40 – 2.79	8.2%	2.5%	4.1%	4.0%	1.1%	1.3%
2.00 – 2.39	2.5%	0.5%	0.8%	0.8%	0.2%	0.3%
Less than 2.00	2.5%	0.1%	0.1%	0.3%	--	--

3.3: Undergraduate GPA by Gender

	Male - Mean	Male - SD	Female - Mean	Female - SD	Male - Mean	Male - SD	Female - Mean	Female - SD
Science	3.35	0.44	3.32	0.45	3.45	0.37	3.45	0.36
Non-Science	3.55	0.35	3.64	0.34	3.60	0.31	3.71	0.27
Total	3.44	0.36	3.47	0.31	3.52	0.30	3.58	0.25

3.4: Undergraduate GPA by Race/Ethnicity - Mean

	Science	Non-Science	Total	Science	Non-Science	Total
White	3.35	3.60	3.47	3.43	3.64	3.53
Asian	3.27	3.58	3.42	3.38	3.64	3.50
Hispanic/Latino	3.24	3.51	3.37	3.34	3.57	3.45
Black or African American	3.09	3.45	3.27	3.21	3.50	3.36
Two or More Races	3.22	3.51	3.37	3.35	3.58	3.45
Nonresident Alien	3.51	3.65	3.57	3.61	3.68	3.65
American Indian or Alaska Native	3.50	3.66	3.57	3.66	3.79	3.72
Native Hawaiian or Other Pacific Islander	3.29	3.47	3.37	3.50	3.55	3.51

3.5: Undergraduate GPA by Race/Ethnicity - SD

	Science	Non-Science	Total	Science	Non-Science	Total
White	0.41	0.32	0.32	0.34	0.28	0.27
Asian	0.44	0.31	0.35	0.36	0.27	0.28
Hispanic/Latino	0.45	0.35	0.36	0.39	0.31	0.31
Black or African American	0.49	0.37	0.39	0.44	0.32	0.33
Two or More Races	0.47	0.38	0.38	0.37	0.30	0.30
Nonresident Alien	0.40	0.31	0.33	0.27	0.24	0.23
American Indian or Alaska Native	0.52	0.48	0.47	0.40	0.32	0.34
Native Hawaiian or Other Pacific Islander	0.40	0.38	0.36	0.41	0.47	0.42

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4. MCAT Scores

4.1: MCAT Section Scores	Mean	SD	Median	Mean	SD	Median
Total	502.70	7.70	503.00	504.12	5.23	504.00
<i>Psychological, Social, & Bio.</i>	126.36	2.44	126.00	126.73	1.93	127.00
<i>Bio. & Biochemical</i>	125.84	2.40	126.00	126.25	1.89	126.00
<i>Chemical & Physical</i>	125.47	2.41	125.00	125.87	1.94	126.00
<i>Critical Analysis & Reasoning</i>	125.03	2.44	125.00	125.28	2.13	125.00

4.2: MCAT Total Score Range	Number	Percent	Number	Percent
519 or higher	172	0.8%	44	0.6%
513 – 518	1,461	7.1%	394	5.2%
507 – 512	4,655	22.7%	1,920	25.3%
501 – 506	6,503	31.7%	3,406	44.8%
495 – 500	4,573	22.3%	1,632	21.5%
489 – 494	2,125	10.4%	197	2.6%
483 – 488	776	3.8%	9	0.1%
Less than 482	242	1.2%	--	--

4.3: MCAT Section Scores by Gender	Mean – Male	SD – Male	Mean – Female	SD – Female	Mean – Male	SD – Male	Mean – Female	SD – Female
Total	503.61	7.58	501.18	5.46	504.99	7.62	503.25	4.83
<i>Psychological, Social, & Bio.</i>	126.35	2.41	126.19	1.97	126.70	2.46	126.76	1.88
<i>Bio. & Biochemical</i>	126.22	2.36	125.30	1.90	126.62	2.35	125.88	1.80
<i>Chemical & Physical</i>	125.95	2.38	124.85	1.95	126.31	2.32	125.43	1.83
<i>Critical Analysis & Reasoning</i>	125.09	2.44	124.85	2.20	125.37	2.43	125.19	2.06

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4.4: MCAT Total Scores by Race/Ethnicity

	Mean	SD	Mean	SD
White	503.12	7.21	504.21	5.15
Asian	503.39	7.72	505.05	5.26
Hispanic/Latino	499.73	7.45	502.04	4.42
Black or African American	495.69	7.48	499.43	4.50
Two or More Races	502.12	7.60	503.68	5.25
Nonresident Alien	503.09	8.01	506.60	4.53
American Indian or Alaska Native	496.58	6.75	503.43	3.78
Native Hawaiian or Other Pacific Islander	499.25	7.36	500.20	4.97

4.5: MCAT Psychological, Social and Bio. Scores by

Race/Ethnicity	Mean	SD	Mean	SD
White	126.42	2.33	126.71	1.92
Asian	126.54	2.44	127.00	1.89
Hispanic/Latino	125.60	2.40	126.22	1.82
Black or African American	124.78	2.46	125.89	1.80
Two or More Races	126.25	2.52	126.66	2.04
Nonresident Alien	126.57	2.57	127.41	2.09
American Indian or Alaska Native	124.53	2.47	126.00	2.00
Native Hawaiian or Other Pacific Islander	125.71	2.51	125.80	1.92

4.6: MCAT Bio. and Biochemical Scores by

Race/Ethnicity	Mean	SD	Mean	SD
White	125.90	2.31	126.23	1.90
Asian	126.08	2.39	126.53	1.88
Hispanic/Latino	125.13	2.34	125.76	1.67
Black or African American	124.01	2.34	125.09	1.69
Two or More Races	125.57	2.34	126.03	1.85
Nonresident Alien	126.30	2.45	127.53	1.83
American Indian or Alaska Native	124.35	2.37	126.14	1.77
Native Hawaiian or Other Pacific Islander	125.25	2.69	126.20	2.95

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Applicants: 21,668

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4.7: MCAT Chemical and Physical Scores by

<u>Race/Ethnicity</u>	<u>Mean</u>	<u>SD</u>	<u>Mean</u>	<u>SD</u>
White	125.45	2.31	125.75	1.91
Asian	125.94	2.40	126.46	1.89
Hispanic/Latino	124.63	2.33	125.28	1.74
Black or African American	123.70	2.31	124.66	1.75
Two or More Races	125.22	2.39	125.56	2.02
Nonresident Alien	126.06	2.61	127.10	1.84
American Indian or Alaska Native	124.03	2.27	125.43	3.10
Native Hawaiian or Other Pacific Islander	124.79	2.40	126.00	2.45

4.8: MCAT Crit. Analysis and Reasoning Scores by

<u>Race/Ethnicity</u>	<u>Mean</u>	<u>SD</u>	<u>Mean</u>	<u>SD</u>
White	125.35	2.35	125.51	2.11
Asian	124.83	2.43	125.05	2.13
Hispanic/Latino	124.37	2.34	124.78	2.06
Black or African American	123.20	2.26	123.79	2.00
Two or More Races	125.07	2.33	125.42	2.07
Nonresident Alien	124.16	2.53	124.56	1.92
American Indian or Alaska Native	123.68	2.34	125.86	2.34
Native Hawaiian or Other Pacific Islander	123.50	1.82	122.20	1.30

5. Familiarity with Osteopathic Medicine and Prior Medical Education

5.1: Met With or Heard Presentation by AACOM or Osteopathic College Rep.

	<u>Number</u>	<u>Percent</u>	<u>Number</u>	<u>Percent</u>
I have not met/heard a presentation	9,455	51.0%	3,242	48.6%
I have met with/heard a presentation by osteopathic college rep.	6,988	37.7%	2,739	41.0%
I have met with/heard a presentation by both	1,119	6.0%	380	5.7%
I have met with/heard a presentation by AACOM rep.	970	5.2%	314	4.7%
Undisclosed	3,136		1,066	
Total	21,668		7,741	

2019 AACOMAS Profile: Applicant and Matriculant Report

Applicants: 21,668

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5.2: First Learn About Osteopathic Medicine

	<u>Number</u>	<u>Percent</u>	<u>Number</u>	<u>Percent</u>
Osteopathic Physician	4,946	22.8%	1,735	22.4%
Pre-Health Advisor or Faculty Member	3,527	16.3%	1,327	17.1%
Current Medical Student	3,385	15.6%	1,208	15.6%
AACOM Website	2,841	13.1%	906	11.7%
Family Member	2,614	12.1%	1,018	13.2%
College of Osteopathic Medicine Presentation	1,602	7.4%	588	7.6%
Other	1,287	5.9%	457	5.9%
Osteopathic Medical College Admissions Officer or Website	670	3.1%	244	3.2%
Recruitment Fair	246	1.1%	84	1.1%
Social Media	238	1.1%	80	1.0%
Undisclosed	312	1.4%	94	1.2%
Total	21,668		7,741	

Note: Count based on the option that applicant first selected.

5.3: Previously Matriculated to Health Care Profession

<u>School</u>	<u>Number</u>	<u>Percent</u>	<u>Number</u>	<u>Percent</u>
Allopathic Medicine (MD)	149	0.7%	34	0.4%
Nursing (Professional)	123	0.6%	35	0.5%
Physician Assistant (MPAS)	77	0.4%	18	0.2%
Pharmacy (PharmD)	69	0.3%	15	0.2%
Osteopathic Medicine (DO)	40	0.2%	11	0.1%
Physical Therapy Doctorate (DPT)	23	0.1%	--	--
Dental Medicine (DDS/DDM)	8	0.0%	--	--
Podiatric Medicine (DPM)	8	0.0%	--	--
Occupational Therapy Doctorate (OTD)	--	--	--	--
Dental Hygiene(DH)	--	--	--	--
Optometry (OD)	--	--	--	--
Total	508	2.3%	128	1.7%

Note: The type of health care profession school an applicant previously attended was added in 2016.

2019 AACOMAS Profile: Applicant and Matriculant Report

	<i>Applicants: 21,668</i>		<i>Matriculants: 7,741</i>	
5.4: Family Member is a DO or MD	Number	Percent	Number	Percent
Yes	6,121	28.2%	2,259	29.2%
No	15,547	71.8%	5,482	70.8%
Total	21,668		7,741	

6. HRSA Indicators

6.1 HRSA Indicators	Number	Percent	Number	Percent
I graduated from a high school at which many of the enrolled students are eligible for free or reduced price lunches.	5,813	25.6%	1,877	24.1%
I am from a family that lives in an area that is designated as a Health Professional Shortage Area, or a Medically Underserved Area.	4,007	17.6%	1,319	16.4%
Your parent's family income falls within the table's guidelines and you are considered to have met the criteria for economically disadvantaged.	3,876	17.3%	1,055	15.0%
I am the first generation in my family to attend college (neither my mother nor my father attended college).	3,867	17.2%	1,122	14.7%
I am from a family that receives public assistance (e.g., Aid to Families with Dependent Children, food stamps, Medicaid, public housing) or I receive public assistance.	2,830	12.5%	815	11.1%
English is not my primary language.	2,354	10.1%	653	8.7%
I am from a school district where 50% or fewer graduates go to college or where college education is not encouraged.	2,120	8.9%	628	7.8%
I graduated from a high school from which a low percentage of seniors received a high school diploma.	932	3.7%	229	3.1%

2019 AACOMAS Profile: Applicant and Matriculant Report

	<i>Applicants: 21,668</i>		<i>Matriculants: 7,741</i>	
6.1 HRSA Indicators (cont')	Number	Percent	Number	Percent
I participated in an academic enrichment program funded in whole or in part by the Health Careers Opportunity Program.	287	1.2%	67	0.9%
I am a high-school drop-out who received AHS diploma or GED.	96	0.3%	23	0.3%
6.2 Type of Geographic Area Raised	Number	Percent	Number	Percent
Urban (>1,000,000)	2,526	11.7%	807	10.4%
Large City (100,000 - 1,000,000)	4,484	20.7%	1,576	20.4%
Mid-Size City (50,000 - 99,999)	3,860	17.8%	1,400	18.1%
Large Town (10,000 - 49,999)	5,870	27.1%	2,232	28.8%
Small Town (2,500 - 9,999)	3,500	16.2%	1,263	16.3%
Isolated Rural (<2,500)	1,188	5.5%	399	5.2%
Not Reported	240	1.1%	64	0.8%
Total	21,668		7,741	

7. Feeder Colleges

7.1: Top 20 Feeder Colleges - Rank Ordered by Applicants	Number	Percent	Number	Percent
University of Florida	398	1.8%	170	2.2%
University of California - Los Angeles	351	1.6%	136	1.8%
Michigan State University - East Lansing	315	1.5%	116	1.5%
Ohio State University	297	1.4%	126	1.6%
University of South Florida - Tampa	278	1.3%	110	1.4%
Rutgers - State University of New Jersey - New Brunswick	276	1.3%	97	1.3%
University of California - San Diego	261	1.2%	104	1.3%
University of Michigan - Ann Arbor	240	1.1%	105	1.4%
University of California - Davis	240	1.1%	101	1.3%
University of Central Florida	237	1.1%	113	1.5%
Brigham Young University	228	1.1%	93	1.2%

2019 AACOMAS Profile: Applicant and Matriculant Report

Applicants: 21,668

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7.1: Top 20 Feeder Colleges - Rank Ordered by Applicants (cont')

	<u>Number</u>	<u>Percent</u>	<u>Number</u>	<u>Percent</u>
University of California - Irvine	208	1.0%	88	1.1%
University of Texas - Austin	200	0.9%	79	1.0%
Pennsylvania State University	199	0.9%	70	0.9%
University of California - Berkeley	194	0.9%	61	0.8%
Florida State University	182	0.8%	77	1.0%
Suny - Stony Brook	174	0.8%	71	0.9%
Arizona State University - Tempe	173	0.8%	59	0.8%
University of Illinois - Urbana / Champaign	165	0.8%	61	0.8%
Wayne State University	164	0.8%	63	0.8%

7.2: Top 20 Feeder Colleges - Rank Ordered by Matriculants

	<u>Number</u>	<u>Percent</u>	<u>Number</u>	<u>Percent</u>
University of Florida	565	2.6%	170	2.2%
University of California - Los Angeles	482	2.2%	136	1.8%
Michigan State University - East Lansing	405	1.9%	126	1.6%
Ohio State University	408	1.9%	116	1.5%
Brigham Young University	335	1.5%	113	1.5%
Rutgers - State University of New Jersey - New Brunswick	382	1.8%	110	1.4%
University of Central Florida	339	1.6%	105	1.4%
University of California - San Diego	358	1.7%	104	1.3%
University of California - Davis	337	1.6%	101	1.3%
University of South Florida - Tampa	369	1.7%	97	1.3%
University of Michigan - Ann Arbor	327	1.5%	93	1.2%
University of California - Irvine	287	1.3%	88	1.1%
Pennsylvania State University	275	1.3%	79	1.0%
Suny - Stony Brook	246	1.1%	77	1.0%
University of Georgia	220	1.0%	72	0.9%
Arizona State University - Tempe	240	1.1%	71	0.9%
University of California - Berkeley	262	1.2%	70	0.9%
University of Arizona	214	1.0%	64	0.8%
University of Wisconsin - Madison	224	1.0%	63	0.8%

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Applicants: 21,668

Matriculants: 7,741

7.1: Top 20 Feeder Colleges - Rank Ordered by Matriculants (cont')

	<u>Number</u>	<u>Percent</u>	<u>Number</u>	<u>Percent</u>
University of Texas - Austin	256	1.2%	61	0.8%
University of Illinois - Urbana / Champaign	224	1.0%	61	0.8%

8. Citizenship and Geographic Origin

8.1: Citizenship

	<u>Number</u>	<u>Percent</u>	<u>Number</u>	<u>Percent</u>
U.S. Citizen	20,633	95.9%	7,451	96.7%
Permanent Resident	613	2.8%	174	2.3%
Non-Citizen	190	0.9%	47	0.6%
Temporary Resident	90	0.4%	33	0.4%
Missing	142		36	
Total	21,668		7,741	

8.2: Legal Address State

	<u>Number</u>	<u>Percent</u>	<u>Number</u>	<u>Percent</u>
Alabama	225	1.0%	97	1.3%
Alaska	35	0.2%	16	0.2%
Arizona	459	2.1%	197	2.5%
Arkansas	158	0.7%	65	0.8%
California	2,468	11.4%	889	11.5%
Colorado	379	1.7%	148	1.9%
Connecticut	199	0.9%	77	1.0%
Delaware	59	0.3%	26	0.3%
District of Columbia	23	0.1%	--	--
Florida	1,856	8.6%	697	9.0%
Georgia	541	2.5%	188	2.4%
Guam	--	--	--	--
Hawaii	44	0.2%	14	0.2%
Idaho	125	0.6%	59	0.8%
Illinois	1,028	4.7%	346	4.5%
Indiana	426	2.0%	147	1.9%

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Applicants: 21,668

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8.2: Legal Address State (cont')

	Number	Percent	Number	Percent
Iowa	215	1.0%	99	1.3%
Kansas	178	0.8%	57	0.7%
Kentucky	243	1.1%	65	0.8%
Louisiana	131	0.6%	43	0.6%
Maine	63	0.3%	23	0.3%
Maryland	360	1.7%	134	1.7%
Massachusetts	328	1.5%	109	1.4%
Michigan	1,100	5.1%	389	5.0%
Minnesota	330	1.5%	109	1.4%
Mississippi	125	0.6%	42	0.5%
Missouri	395	1.8%	183	2.4%
Montana	53	0.2%	24	0.3%
Nebraska	104	0.5%	37	0.5%
Nevada	154	0.7%	48	0.6%
New Hampshire	44	0.2%	15	0.2%
New Jersey	1,023	4.7%	329	4.3%
New Mexico	64	0.3%	10	0.1%
New York	1,555	7.2%	509	6.6%
North Carolina	465	2.1%	160	2.1%
North Dakota	43	0.2%	17	0.2%
Ohio	956	4.4%	365	4.7%
Oklahoma	403	1.9%	112	1.4%
Oregon	224	1.0%	114	1.5%
Pennsylvania	971	4.5%	332	4.3%
Puerto Rico	--	--	--	--
Rhode Island	37	0.2%	18	0.2%
South Carolina	223	1.0%	57	0.7%
South Dakota	50	0.2%	15	0.2%
Tennessee	335	1.5%	142	1.8%
Texas	1,332	6.1%	425	5.5%

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Applicants: 21,668

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8.2: Legal Address State (cont')

	<u>Number</u>	<u>Percent</u>	<u>Number</u>	<u>Percent</u>
Utah	318	1.5%	145	1.9%
Vermont	24	0.1%	9	0.1%
Virgin Islands	--	--	--	--
Virginia	653	3.0%	259	3.3%
Washington	412	1.9%	168	2.2%
West Virginia	135	0.6%	44	0.6%
Wisconsin	263	1.2%	78	1.0%
Wyoming	20	0.1%	6	0.1%
U.S. Permanent Residents	21,361	98.6%	7,662	99.0%
Non-U.S. Permanent Residents	307	1.4%	79	1.0%
Total	21,668		7,741	

9. Visas and Dual Citizenship

9.1: Type of Visa Held

	<u>Number</u>	<u>Percent</u>	<u>Number</u>	<u>Percent</u>
F-1 Student	146	0.7%	39	0.2%
B-1 Visitor	15	0.1%	--	--
I-551	13	0.1%	--	--
Other	13	0.1%	7	0.0%
H-1B Employee	--	--	--	--
H-4 Spouses and dependents of H Visa Holders	--	--	--	--
I-551C Conditional permanent resident	--	--	--	--
J-1 Teacher, Researcher, or Trainee	--	--	--	--
I-94 Asylum Granted	--	--	--	--
I-94 Parolee	--	--	--	--
Total	201	0.9%	56	0.3%

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	<i>Applicants: 21,668</i>		<i>Matriculants: 7,741</i>	
9.2: Dual Citizenship	<u>Number</u>	<u>Percent</u>	<u>Number</u>	<u>Percent</u>
United States	20,633	95.2%	7,451	96.3%
Canada	289	1.3%	95	1.2%
All Other	746	3.4%	195	2.5%
Total	21,668		7,741	

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Figure 1: COM Designations

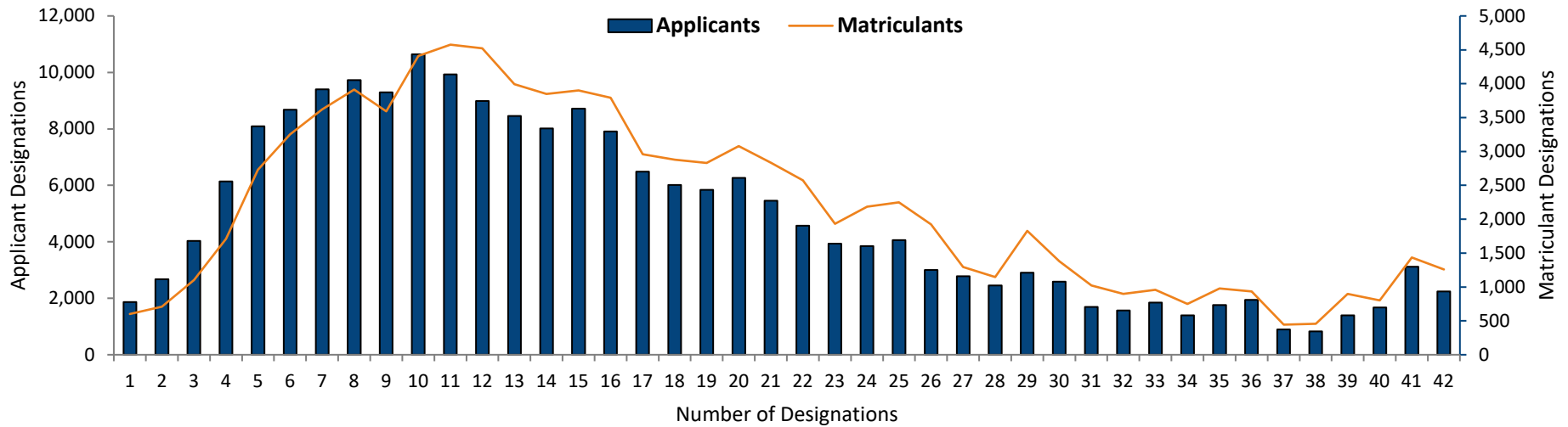
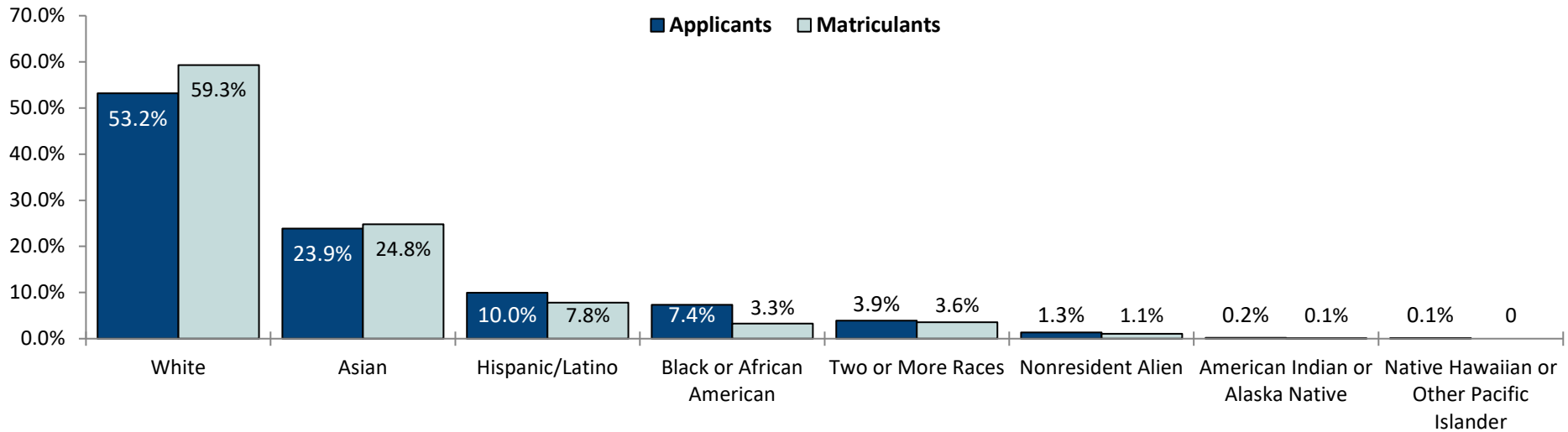


Figure 2: Race/Ethnicity – Single Category Response



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

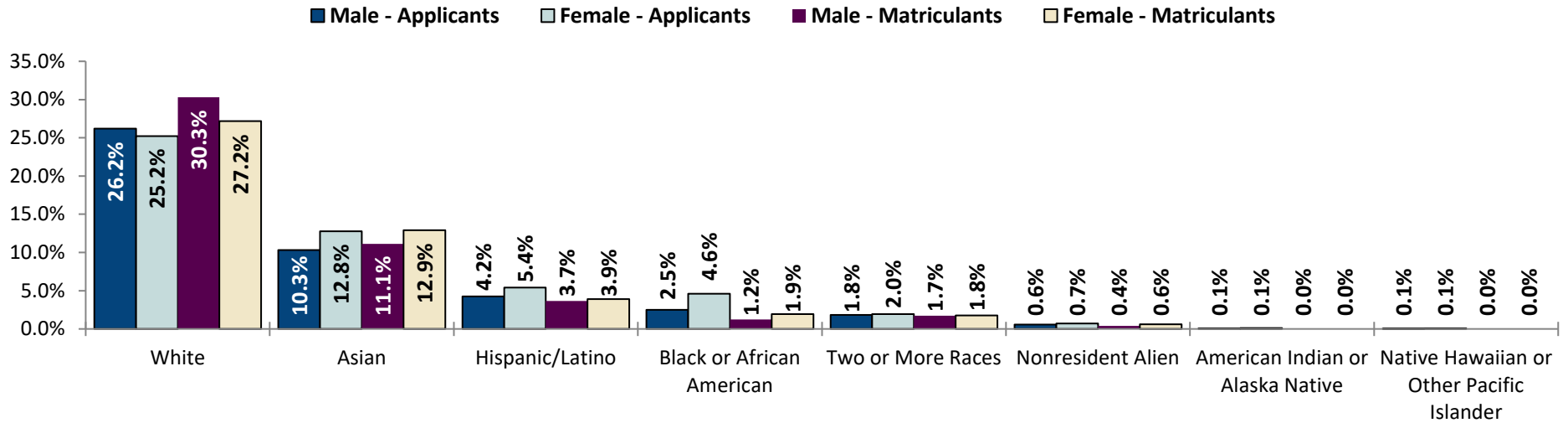
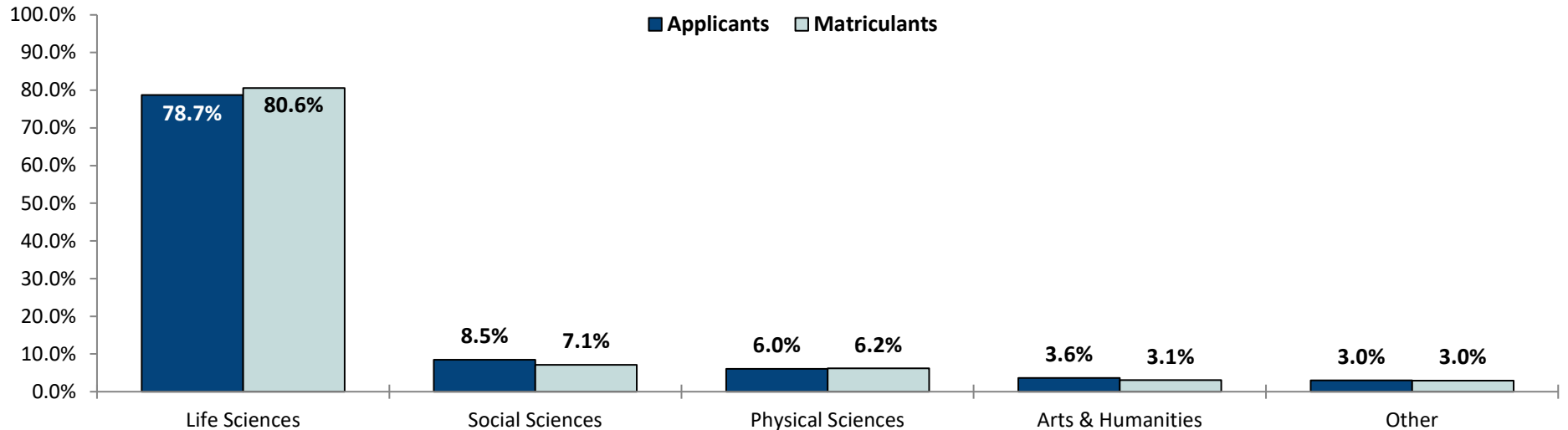


Figure 4: Baccalaureate Degree Major



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Figure 5: Mean GPA by Academic Levels

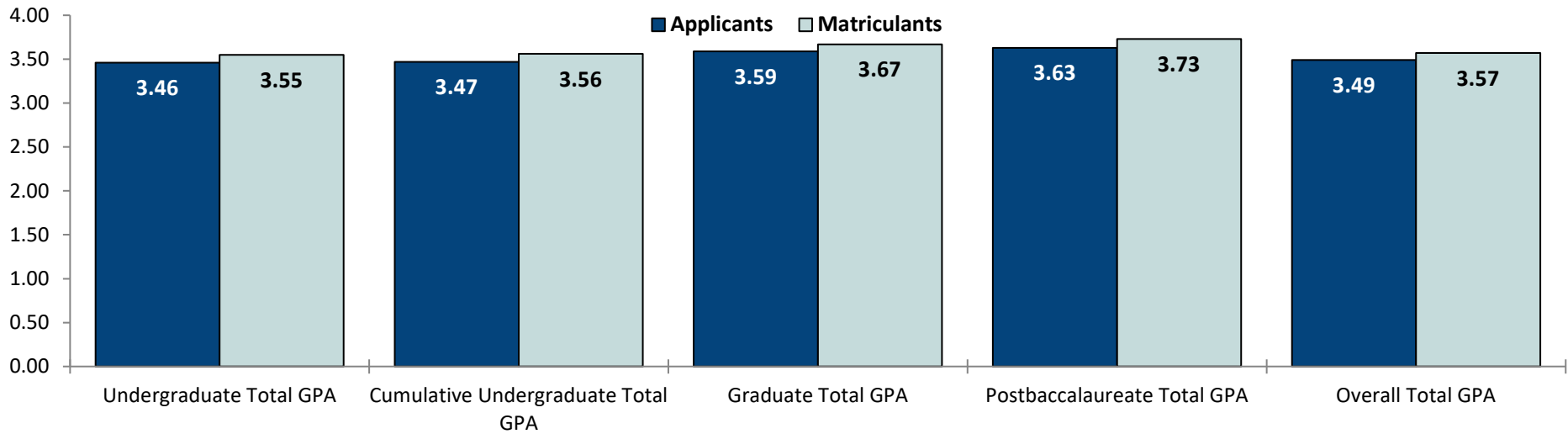
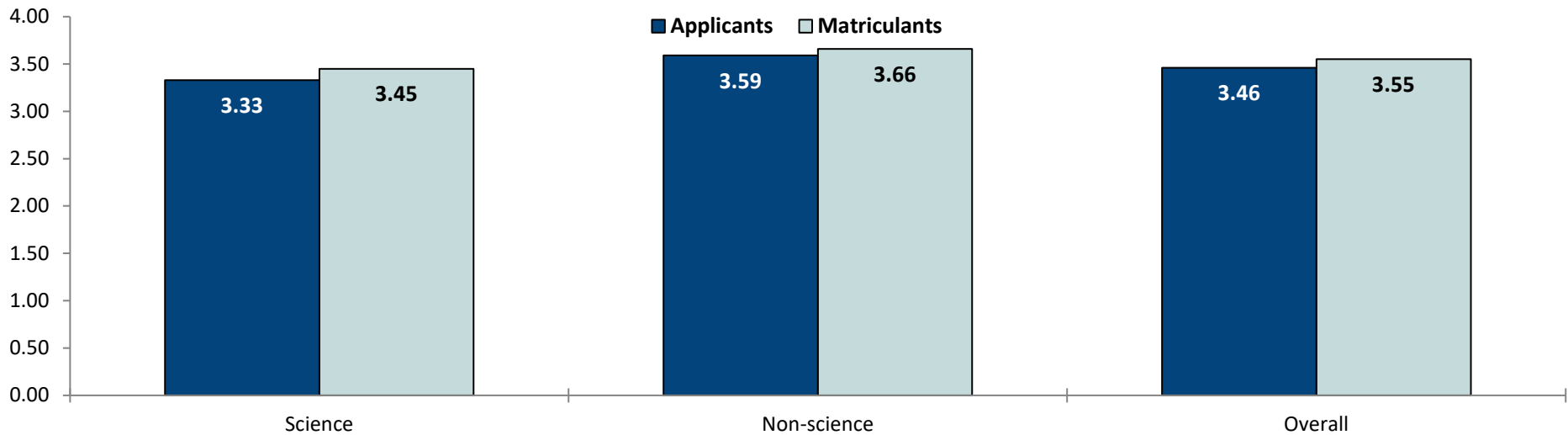


Figure 6: Mean Undergraduate GPA by Type



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Figure 7: Mean Undergraduate GPA by Gender by Type

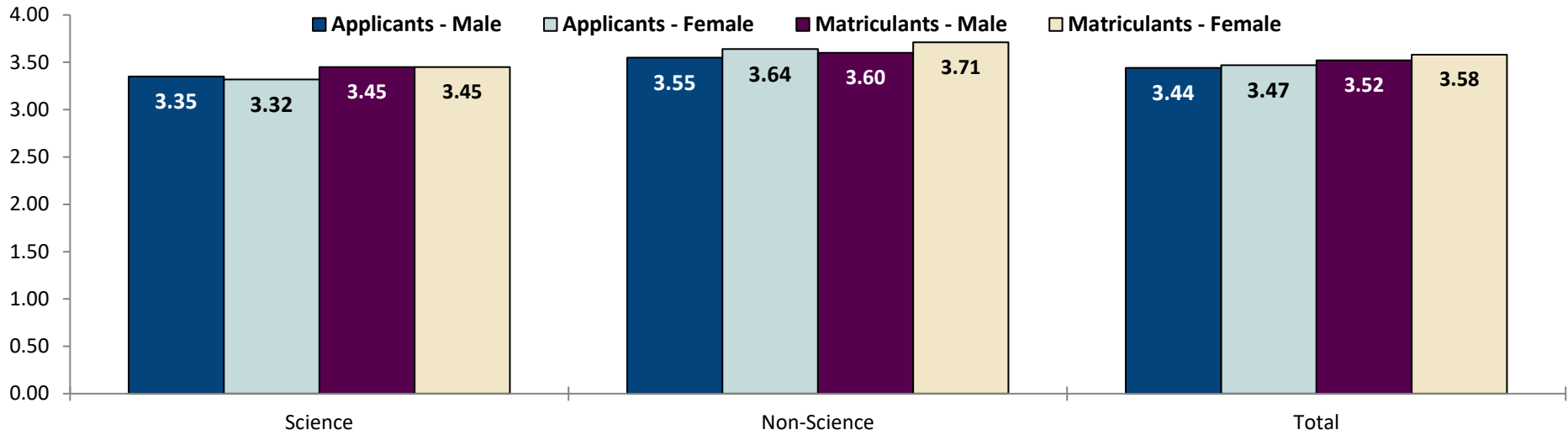
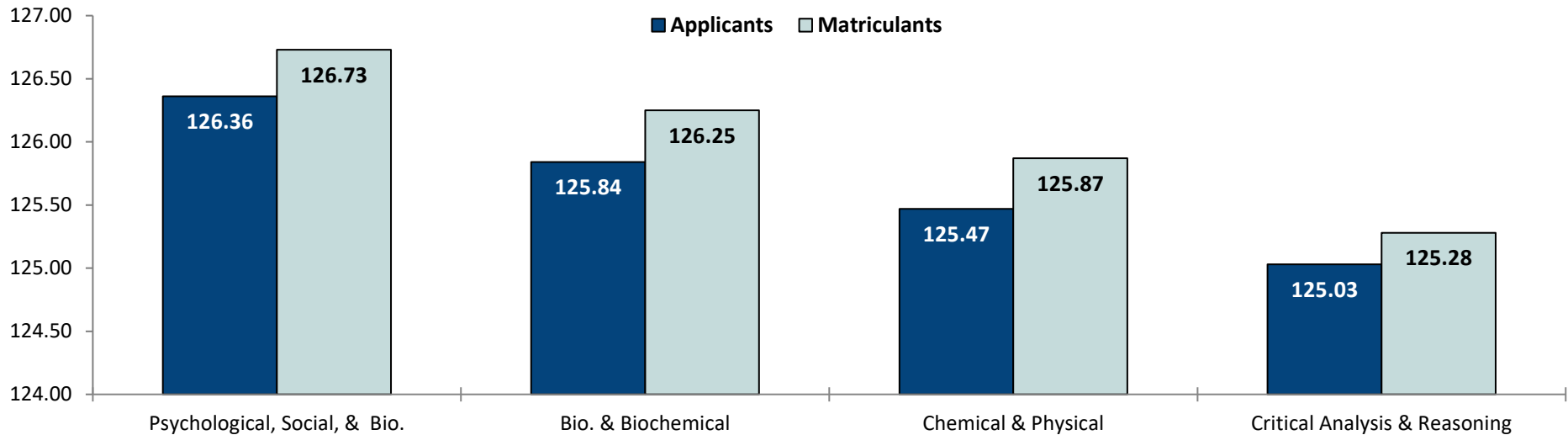


Figure 8: Mean New MCAT Section Scores



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Figure 9: Mean New MCAT Section Scores by Gender

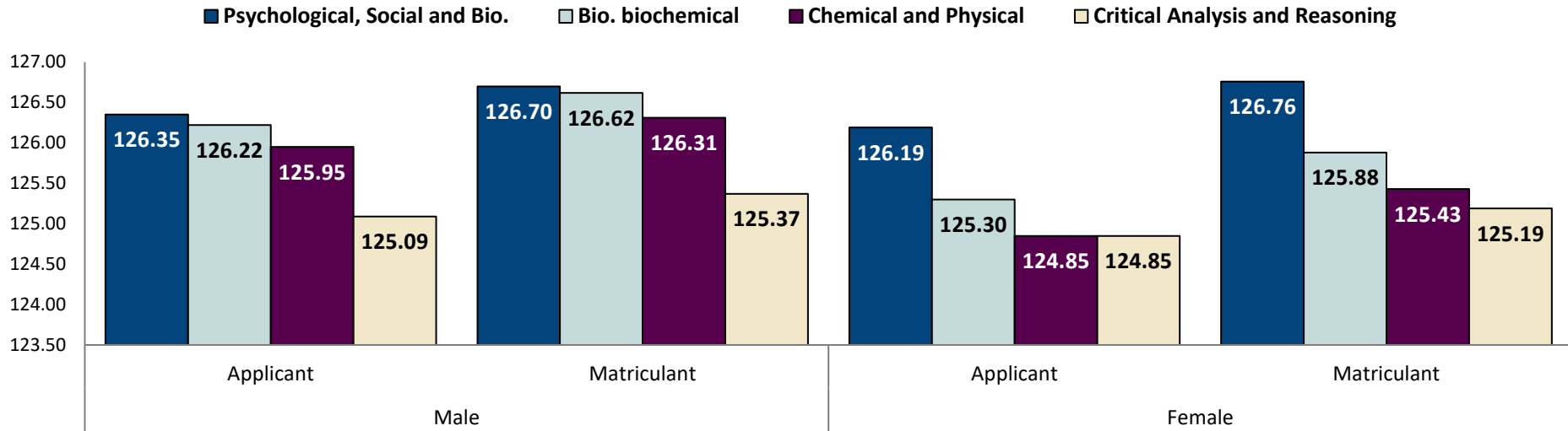
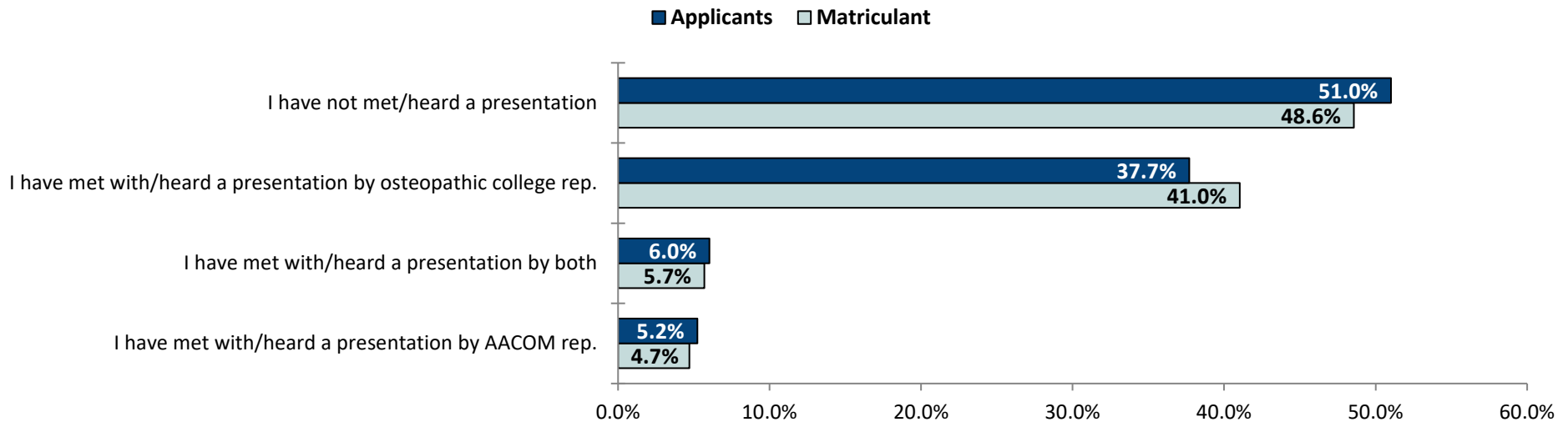
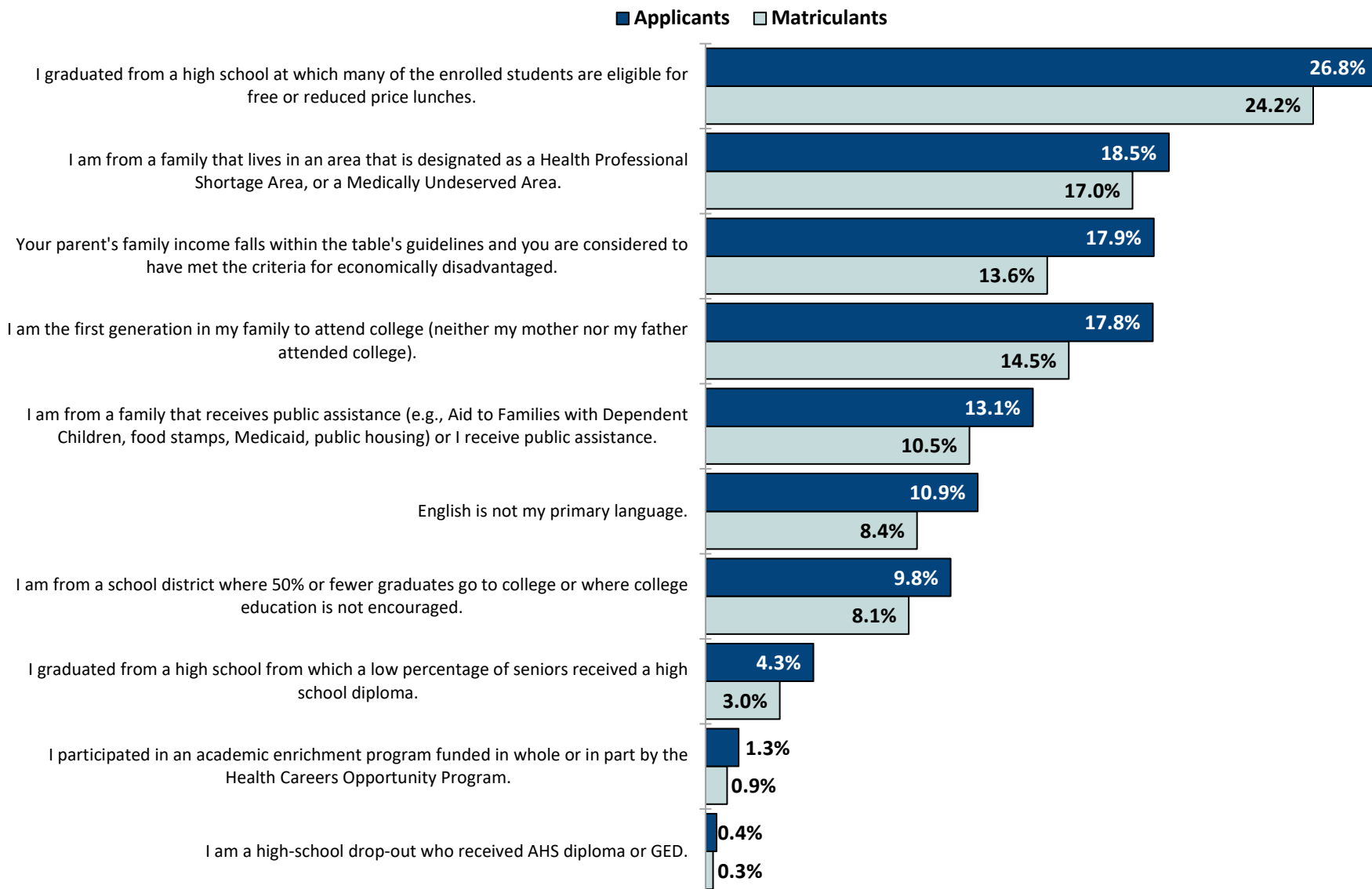


Figure 10: Met With or Heard Presentation on Osteopathic Medicine



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Chart 11: HRSA Indicators



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Figure 12: HRSA Geographic Region

