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2021 AACOMAS Profile: Applicant and Matriculant Report

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

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2021 AACOMAS Profile: Applicant and Matriculant Report Abstract

Following are summary tables of osteopathic medical school applicants and matriculants from the 2021 entering class. The application cycle opened in May 2020 and closed in April 2021, with deadlines varying by college of osteopathic medicine (COM). 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 system. The data points included in this report are as follows¹.

1. Applicant and Matriculant Characteristics

- A total of 27,277 applicants and 8,516 matriculants are included in this report. These applicants submitted 243,565 individual school applications and the matriculants submitted 88,684 individual school applications.
- The mean number of individual school applications per applicant was 8.94 and per matriculant was 10.36.
- Women represented more than half of the applicant pool (58.0%) and matriculant pool (53.7%).
- The mean age was 23 for both applicants and matriculants in 2021.
- For the single race/ethnicity category, the percentage of under-represented minorities is 19.2 percent for applicants and 12.1 percent for matriculants.

2. Baccalaureate Degree Majors

- Applicants with a major categorized as life sciences were nearly 79.7 percent of the pool. The remaining percentages are as follows: social sciences (8.6%), physical sciences (5.2%), arts & humanities (3.2%), other majors (3.1%), and no major (0.2%). A total of 42 applicants reported no major and 620 applicants were missing a major.
- Matriculants with a major categorized as life sciences were nearly 81.9 percent of the pool. The remaining percentages are as follows: social sciences (6.9%), physical sciences (5.0%), arts & humanities (3.0%), other majors (3.0%) and no major (0.2%). A total of 14 matriculants reported no major and 142 matriculants were missing a major.

3. GPA

- Applicants undergraduate GPAs are as follows:
 - Non-Science: 3.61;
 - Science: 3.35;
 - Total: 3.48.
- Matriculants undergraduate GPAs are as follows:
 - Non-Science: 3.69;
 - Science: 3.48;
 - Total: 3.58.
- Women had a higher total undergraduate mean GPA compared to men, 3.49 compared to 3.46 for applicants and 3.60 compared to 3.56 for matriculants.
- Nonresident alien applicants and matriculants' total undergraduate mean GPA was 3.63 and 3.74 respectively—the highest compared to all other single category race/ethnicities.

4. MCAT Scores

- Applicants' mean scores for the MCAT are as follows:
 - Psychological, social and biological foundations of behavior: 126.69;
 - Biological and biochemical foundations of living systems: 125.99;
 - Chemical and physical foundations of biological systems: 125.52;
 - Critical analysis and reasoning skills: 124.;
 - Total for all sections: 503.19.

¹ This report was revised on December 12, 2023.

- Matriculants' mean scores for the MCAT are as follows:
 - Psychological, social and biological foundations of behavior: 127.10;
 - Biological and biochemical foundations of living systems: 126.43;
 - Chemical and physical foundations of biological systems: 125.93;
 - Critical analysis and reasoning skills: 125.28;
 - Total for all sections: 504.73.
- Women applicants and matriculants continued to have lower total mean MCAT scores compared to men for both exam types—501.61 compared to 504.15 for applicants and 503.90 compared to 505.69 for matriculants.
- Asian applicants total mean MCAT score was highest at 504.30 and nonresident alien matriculants total mean MCAT score was highest at 508.53 when compared to all other single category race/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 11,348 (50.1%) and 3,848 (53.8%).
- The three most common ways applicants first learn about osteopathic medicine are as follows: 7,680 (28.9%) from AACOM's website, 5,430 (20.4%) from an osteopathic physician and 3,154 (11.9%) from a pre-health advisor or faculty member.
- The three most common ways matriculants first learn about osteopathic medicine are as follows: 2,397 (28.7%) from AACOM's website, 1,782 (21.4%) from an osteopathic physician and 961 (11.5%) from a pre-health advisor or faculty member.
- A total of 685 (2.5%) applicants and 138 (1.6%) matriculants previously matriculated to a healthcare profession school. Allopathic medicine was the most common type of health care profession school previously attended, representing 184 (0.7%) of applicants and 33 (0.4%) matriculants.

6. Health Resources and Services Administration (HRSA) Indicators

- A total of 7,780 (28.5%) applicants graduated from a high school at which many of the students are eligible for free or reduced lunch. Two other HRSA indicators—living in a Health Professional Shortage Area (HPSA) and economically disadvantaged—are reported by 5,599 (20.5%) and 5,232 (19.2%) applicants.
- A total of 2,158 (25.3%) matriculants graduated from a high school at which many of the students are eligible for free or reduced lunch. Living in a HPSA and economically disadvantaged are reported by 1,511 (17.7%) and 1,298 (15.2%).
- Applicants living in a large town totaled 7,225 (26.5%). Nearly five percent of applicants—1,339—were from an isolated rural area.
- Matriculants living in a large town totaled 2,443 (28.7%). Nearly five percent of matriculants—416—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 providing 1,287 (4.7%) applicants.
- University of Florida; Michigan State University – East Lansing and University of California – Los Angeles were the top three feeder colleges for matriculants, together providing 438 (5.1%) matriculants.

8. Visa, Citizenship and Dual Citizenship

- In 2021, approximately 95.3 percent of applicants and 96.7 percent of matriculants were U.S citizens.
- There were 7,809 (28.6%) applicants who listed their state of residence as California, Florida or New York.
- There were 2,354 (27.6%) matriculants who listed their state of residence as California, Florida or New York.

- Visas were held by 323 (1.2%) applicants and 69 (0.8%) matriculants; of these, 236 (0.9%) applicants and 52 (0.6%) matriculants held F1-student visas.
- A total of 25,780 (94.5%) applicants and 8,184 (96.1%) matriculants listed their citizenship country as the United States. Of those not reporting the United States, 375 (1.4%) applicants and 97 (1.1%) matriculants were Canadian residents.

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 American Association of Colleges of Osteopathic Medicine Application Service (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 17 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 most recent. – 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 an AACOM or osteopathic college representative based on four categories.
First Learned About Osteopathic Medicine*	– 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	– Applicants/matriculants indicate whether they previously matriculated to a healthcare profession school and the type of school they previously attended.

Healthcare Profession School	
HRSA Indicators*	– Eleven HRSA categorical indicators are included in the AACOMAS application.
Feeder Colleges	– Based on the primary undergraduate college in the AACOMAS application.
Citizenship	– Applicants/matriculants select their citizenship status from four pre-defined fields in the AACOMAS application.
State	– Based on the legal state/providence of residence listed in the application.
Visas	– Applicants/matriculants indicate if they hold a visa and the type of visa they hold.
Dual Citizen	– Applicants/matriculants indicate whether they are a dual citizen and to which other country they hold a dual citizenship.

2021 AACOMAS Profile: Applicant and Matriculant Report

Applicants: 27,277

Matriculants: 8,516

1. Applicant and Matriculant Characteristics

1.1: Applicant, Matriculants and Applications*

	<u>Applicants</u>	<u>Applications</u>	<u>Matriculants</u>	<u>Applications</u>
Number	27,277	243,565	8,516	88,684

*Applicant, matriculant, and applications data are as of May 5, 2021.

<u>1.2: Gender</u>	<u>Number</u>	<u>Percent</u>	<u>Number</u>	<u>Percent</u>
Male	11,426	42.0%	3,938	46.3%
Female	15,803	58.0%	4,563	53.7%
Undisclosed	48		15	
Total	27,277		8,516	

<u>1.3: Age Characteristics</u>	<u>Number</u>	<u>Number</u>
Minimum Age	17	17
Maximum Age	79	63
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	97	0.4%	27	0.3%
20 - 25	21,330	78.2%	7,011	82.3%
26 - 30	4,320	15.8%	1,170	13.7%
31 - 35	963	3.5%	229	2.7%
36 - 40	338	1.2%	51	0.6%
41 - 45	124	0.5%	19	0.2%
46 and Older	95	0.3%	9	0.1%
Total	27,267		8,516	

*Applicants and matriculants under the age of 17 and over the age of 100 were removed from analysis.

<u>1.5: Military Experience</u>	<u>Number</u>	<u>Percent</u>	<u>Number</u>	<u>Percent</u>
No Military Service	26,334	96.5%	8,238	96.7%
Military Service	943	3.5%	278	3.3%
Total	27,277		8,516	

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1.6: Race/Ethnicity – Single Category Response[†]

	Number	Percent	Number	Percent
White	13,099	49.4%	4,782	57.6%
Asian	6,611	24.9%	2,103	25.3%
Hispanic/Latino	2,911	11.0%	671	8.1%
Black or African American	2,245	8.5%	343	4.1%
Two or More Races	1,119	4.2%	304	3.7%
Nonresident Alien	441	1.7%	86	1.0%
American Indian or Alaska Native	53	0.2%	11	0.1%
Native Hawaiian or Other Pacific Islander	28	0.1%	--	--
Race and Ethnicity Unknown	770		211	
Total	27,277		8,516	
Underrepresented Minorities*	5,237	19.2%	1,030	12.1%

†: 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	5,842	7,239	13,081	2,286	2,490	4,776
Asian	2,764	3,842	6,606	964	1,137	2,101
Hispanic/Latino	1,147	1,763	2,910	283	388	671
Black or African American	674	1,570	2,244	119	224	343
Two or More Races	458	658	1,116	135	166	301
Nonresident Alien	186	255	441	45	41	86
American Indian or Alaska Native	21	32	53	6	--	11
Native Hawaiian or Other Pacific Islander	15	12	27	--	--	--
Race and Ethnicity Unknown	319	432	751	97	110	207
Total	11,426	15,803	27,229	3,938	4,563	8,501

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

1.7a: Race/Ethnicity by Gender – Percent

	Male	Female	Total	Male	Female	Total
White	21.5%	26.6%	48.0%	26.9%	29.3%	56.2%
Asian	10.2%	14.1%	24.3%	11.3%	13.4%	24.7%
Hispanic/Latino	4.2%	6.5%	10.7%	3.3%	4.6%	7.9%
Black or African American	2.5%	5.8%	8.2%	1.4%	2.6%	4.0%
Two or More Races	1.7%	2.4%	4.1%	1.6%	2.0%	3.5%
Nonresident Alien	0.7%	0.9%	1.6%	0.5%	0.5%	1.0%
American Indian or Alaska Native	0.1%	0.1%	0.2%	0.1%	--	0.1%
Native Hawaiian or Other Pacific Islander	0.1%	0.0%	0.1%	--	--	--
Race and Ethnicity Unknown	1.2%	1.6%	2.8%	1.1%	1.3%	2.4%
Total	42.0%	58.0%		46.3%	53.7%	

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

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1.8: Race/Ethnicity – All Categories Responses

	<u>Number</u>	<u>Percent</u>	<u>Number</u>	<u>Percent</u>
White	15,986	38.6%	5,527	44.4%
Asian	7,762	18.7%	2,416	19.4%
Asian Indian	2,861	6.9%	921	7.4%
Hispanic	2,954	7.1%	678	5.4%
Black	2,860	6.9%	449	3.6%
Chinese	1,074	2.6%	341	2.7%
Mexican	1,149	2.8%	258	2.1%
Not Specified	786	1.9%	214	1.7%
Pakistani	880	2.1%	244	2.0%
Vietnamese	842	2.0%	267	2.1%
South American	878	2.1%	209	1.7%
Filipino	616	1.5%	200	1.6%
Korean	621	1.5%	197	1.6%
Other Spanish	546	1.3%	121	1.0%
Cuban	383	0.9%	101	0.8%
Puerto Rico	326	0.8%	74	0.6%

1.8: Race/Ethnicity – All Categories Responses (cont')

	<u>Number</u>	<u>Percent</u>	<u>Number</u>	<u>Percent</u>
American Indian	289	0.7%	71	0.6%
Japanese	197	0.5%	59	0.5%
Pacific Islander	122	0.3%	32	0.3%
Other Pacific Islander	44	0.1%	12	0.1%
Other Asian	63	0.2%	20	0.2%
Cambodian	63	0.2%	20	0.2%
Malaysian	39	0.1%	12	0.1%
Hawaiian	42	0.1%	14	0.1%
Guamanian Chamorro	23	0.1%	--	--
Samoan	7	0.0%	--	--
Mexian American/Chicano	--	0.0%	--	--
Hawaii Pacific Islander	--	0.0%	--	--
Cape Verdean	--	0.0%	--	--
Total	41,413		12,462	

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

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2. Baccalaureate Degree Majors

2.1: Baccalaureate Degree Major	Number	Percent	Number	Percent
Life Sciences	21,250	79.7%	6,858	81.9%
Social Sciences	2,301	8.6%	580	6.9%
Physical Sciences	1,391	5.2%	422	5.0%
Arts & Humanities	859	3.2%	250	3.0%
Other	814	3.1%	250	3.0%
No Major	42	0.2%	14	0.2%
Undisclosed	620		142	

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

3. GPA

3.1: GPA – All Academic Levels	Mean	SD	Mean	SD
Undergraduate Non-Science GPA	3.61	0.33	3.67	0.28
Undergraduate Science GPA	3.37	0.40	3.47	0.31
Undergraduate Total GPA	3.48	0.33	3.56	0.27
Cumulative Undergraduate Non-Science GPA	3.78	0.38	3.83	0.30
Cumulative Undergraduate Science GPA	3.59	0.40	3.65	0.32
Cumulative Undergraduate Total GPA	3.61	0.38	3.67	0.30
Graduate Non-Science GPA	3.60	0.32	3.67	0.27
Graduate Science GPA	3.37	0.37	3.49	0.28
Graduate Total GPA	3.47	0.32	3.57	0.25
Postbaccalaureate Non-Science GPA	3.78	0.45	3.84	0.33
Postbaccalaureate Science GPA	3.63	0.48	3.72	0.39
Postbaccalaureate Science Total GPA	3.65	0.47	3.73	0.38
Overall Non-Science GPA	3.60	0.34	3.66	0.28
Overall Science GPA	3.33	0.45	3.43	0.37
Overall Total GPA	3.46	0.35	3.54	0.29

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3.2: Undergraduate GPA Range - Frequency

	Science	Non-Science	Total	Science	Non-Science	Total
3.60 – 4.00	9,058	16,837	11,657	3,607	6,072	4,577
3.20 – 3.59	9,359	7,254	10,161	3,265	1,881	3,047
2.80 – 3.19	5,498	2,235	3,957	1,188	433	720
2.40 – 2.79	2,203	626	1,118	320	90	137
2.00 – 2.39	736	150	212	89	15	15
Less than 1.99	736	21	19	17	--	--

3.2a: Undergraduate GPA Range - Percent

	Science	Non-Science	Total	Science	Non-Science	Total
3.60 – 4.00	32.8%	62.1%	43.0%	42.5%	71.5%	53.9%
3.20 – 3.59	33.9%	26.7%	37.5%	38.5%	22.1%	35.9%
2.80 – 3.19	19.9%	8.2%	14.6%	14.0%	5.1%	8.5%
2.40 – 2.79	8.0%	2.3%	4.1%	3.8%	1.1%	1.6%
2.00 – 2.39	2.7%	0.6%	0.8%	1.0%	0.2%	0.2%
Less than 2.00	2.7%	0.1%	0.1%	0.2%	--	--

3.3: Undergraduate GPA by Gender

	Male - Mean	Male - SD	Female - Mean	Female - SD	Male - Mean	Male - SD	Female - Mean	Female - SD
Science	3.33	0.44	3.32	0.45	3.43	0.37	3.44	0.36
Non-Science	3.55	0.36	3.64	0.31	3.61	0.31	3.70	0.25
Total	3.44	0.36	3.48	0.35	3.51	0.30	3.56	0.28

3.4: Undergraduate GPA by Race/Ethnicity - Mean

	Science	Non-Science	Total	Science	Non-Science	Total
White	3.39	3.63	3.50	3.48	3.68	3.57
Asian	3.30	3.61	3.45	3.41	3.67	3.53
Hispanic/Latino	3.23	3.52	3.37	3.31	3.55	3.43
Black or African American	3.14	3.48	3.31	3.25	3.55	3.39
Two or More Races	3.28	3.57	3.42	3.37	3.62	3.49
Nonresident Alien	3.55	3.72	3.63	3.66	3.81	3.74
American Indian or Alaska Native	3.40	3.57	3.48	3.61	3.64	3.63
Native Hawaiian or Other Pacific Islander	3.25	3.54	3.42	3.40	3.61	3.52

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3.5: Undergraduate GPA by Race/Ethnicity - SD

	Science	Non-Science	Total	Science	Non-Science	Total
White	0.41	0.32	0.33	0.35	0.28	0.28
Asian	0.45	0.32	0.36	0.35	0.26	0.28
Hispanic/Latino	0.47	0.35	0.36	0.40	0.32	0.32
Black or African American	0.49	0.38	0.38	0.41	0.34	0.33
Two or More Races	0.46	0.35	0.36	0.41	0.29	0.31
Nonresident Alien	0.41	0.31	0.34	0.31	0.18	0.21
American Indian or Alaska Native	0.46	0.34	0.38	0.34	0.33	0.31
Native Hawaiian or Other Pacific Islander	0.49	0.32	0.30	0.30	0.21	0.22

4. MCAT Scores

4.1: MCAT Section Scores

	Mean	SD	Median	Mean	SD	Median
Total	502.80	7.38	503.00	504.64	5.05	504.00
<i>Psychological, Social, & Bio.</i>	126.63	2.36	127.00	127.13	1.86	127.00
<i>Bio. & Biochemical</i>	125.87	2.34	126.00	126.42	1.82	126.00
<i>Chemical & Physical</i>	125.43	2.36	125.00	125.91	1.93	126.00
<i>Critical Analysis & Reasoning</i>	124.86	2.37	125.00	125.18	2.12	125.00

4.2: MCAT Total Score Range

	Number	Percent	Number	Percent
519 or higher	302	1.2%	74	0.9%
513 – 518	2,084	8.5%	550	6.6%
507 – 512	5,902	24.0%	2,448	29.6%
501 – 506	7,301	29.7%	3,414	41.2%
495 – 500	5,208	21.2%	1,543	18.6%
489 – 494	2,465	10.0%	225	2.7%
483 – 488	967	3.9%	26	0.3%
Less than 482	324	1.3%	--	--

4.3: MCAT Section Scores by Gender

	Mean – Male	SD – Male	Mean – Female	SD – Female	Mean – Male	SD – Male	Mean – Female	SD – Female
Total	503.87	7.32	501.96	7.28	505.40	5.35	503.96	4.67
<i>Psychological, Social, & Bio.</i>	126.66	2.37	126.52	2.41	127.11	1.92	127.09	1.83
<i>Bio. & Biochemical</i>	126.30	2.33	125.54	2.29	126.75	1.87	126.12	1.72
<i>Chemical & Physical</i>	125.94	2.35	125.03	2.28	126.34	1.96	125.53	1.83
<i>Critical Analysis & Reasoning</i>	124.94	2.39	124.80	2.36	125.19	2.17	125.17	2.08

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4.4: MCAT Total Scores by Race/Ethnicity

	Mean	SD	Mean	SD
White	502.81	6.99	504.59	4.99
Asian	503.62	7.28	505.62	4.85
Hispanic/Latino	500.04	7.18	502.82	4.58
Black or African American	496.53	7.16	499.84	4.35
Two or More Races	502.64	7.28	504.66	5.04
Nonresident Alien	504.29	8.48	508.68	5.12
American Indian or Alaska Native	497.41	6.64	500.33	4.58
Native Hawaiian or Other Pacific Islander	498.94	7.14	499.76	4.01

4.5: MCAT Psychological, Social and Bio. Scores by

Race/Ethnicity	Mean	SD	Mean	SD
White	126.65	2.28	127.05	1.85
Asian	126.95	2.34	127.44	1.78
Hispanic/Latino	126.24	2.39	126.80	1.90
Black or African American	125.52	2.36	126.13	1.71
Two or More Races	126.68	2.34	127.08	1.95
Nonresident Alien	127.19	2.62	128.00	1.96
American Indian or Alaska Native	125.35	1.94	125.36	1.17
Native Hawaiian or Other Pacific Islander	126.04	2.47	126.40	1.99

4.6: MCAT Bio. and Biochemical Scores by

Race/Ethnicity	Mean	SD	Mean	SD
White	125.88	2.26	126.36	1.81
Asian	126.25	2.29	126.76	1.73
Hispanic/Latino	125.38	2.34	125.89	1.81
Black or African American	124.59	2.29	125.18	1.65
Two or More Races	125.89	2.38	126.41	1.80
Nonresident Alien	127.12	2.62	127.91	1.83
American Indian or Alaska Native	124.53	2.43	125.74	1.73
Native Hawaiian or Other Pacific Islander	124.81	2.08	124.99	0.86

2021 AACOMAS Profile: Applicant and Matriculant Report

Applicants: 27,277

Matriculants: 8,516

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	125.30	2.26	125.77	1.90
Asian	125.88	2.32	126.42	1.87
Hispanic/Latino	124.59	2.23	125.23	1.76
Black or African American	123.78	2.27	124.61	1.88
Two or More Races	125.32	2.27	125.83	1.81
Nonresident Alien	126.56	2.73	127.62	2.18
American Indian or Alaska Native	123.55	1.99	124.62	1.18
Native Hawaiian or Other Pacific Islander	124.91	2.25	125.79	1.33

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	125.15	2.32	125.41	2.10
Asian	124.78	2.41	125.00	2.16
Hispanic/Latino	124.44	2.24	124.90	1.94
Black or African American	123.54	2.14	123.92	1.80
Two or More Races	125.10	2.26	125.35	2.09
Nonresident Alien	124.48	2.45	125.14	2.15
American Indian or Alaska Native	124.51	2.01	124.62	1.96
Native Hawaiian or Other Pacific Islander	123.17	1.56	122.59	0.92

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	11,288	49.9%	3,304	46.2%
I have met with/heard a presentation by osteopathic college rep.	7,914	35.0%	2,779	38.9%
I have met with/heard a presentation by both	1,729	7.6%	578	8.1%
I have met with/heard a presentation by AACOM rep.	1,705	7.5%	491	6.9%
Undisclosed	4,641		1,364	
Total	27,277		8,516	

2021 AACOMAS Profile: Applicant and Matriculant Report

Applicants: 27,277

Matriculants: 8,516

5.2: First Learn About Osteopathic Medicine

	<u>Number</u>	<u>Percent</u>	<u>Number</u>	<u>Percent</u>
AACOM Website	7,680	28.9%	2,397	28.7%
Osteopathic Physician	5,430	20.4%	1,782	21.4%
Pre-Health Advisor or Faculty Member	3,154	11.9%	961	11.5%
Current Medical Student	2,633	9.9%	856	10.3%
College of Osteopathic Medicine Presentation	2,044	7.7%	657	7.9%
Family Member	1,815	6.8%	590	7.1%
Career Fair/Pre-Med Fair or Expo - In Person	1,188	4.5%	358	4.3%
College of Osteopathic Medicine Website	1,020	3.8%	301	3.6%
Other	547	2.1%	128	1.5%
College of Osteopathic Medicine Admissions Officer	540	2.0%	180	2.2%
Social Media	524	2.0%	131	1.6%
Online/Virtual Career Fair	398		91	
Missing	304		84	
Total	27,277		8,516	

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)	184	0.7%	33	0.4%
Nursing (Professional)	166	0.6%	37	0.4%
Pharmacy (PharmD)	112	0.4%	21	0.2%
Physician Assistant (MPAS)	96	0.4%	21	0.2%
Osteopathic Medicine (DO)	54	0.2%	9	0.1%
Physical Therapy Doctorate (DPT)	37	0.1%	11	0.1%
Dental Medicine (DDS/DDM)	11	0.0%	--	--
Podiatric Medicine (DPM)	10	0.0%	--	--
Occupational Therapy Doctorate (OTD)	6	0.0%	--	--
Optometry (OD)	6	0.0%	--	--
Dental Hygiene (DH)	--	--	--	--
Total	685	2.5%	138	1.6%

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

2021 AACOMAS Profile: Applicant and Matriculant Report

	<i>Applicants: 27,277</i>		<i>Matriculants: 8,516</i>	
5.4: Family Member is a DO or MD	Number	Percent	Number	Percent
Yes	7,414	27.2%	2,515	29.5%
No	19,863	72.8%	6,001	70.5%
Total	27,277		8,516	

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.	7,780	28.5%	2,158	25.3%
Your parent's family income falls within the table's guidelines and you are considered to have met the criteria for economically disadvantaged.	5,599	20.5%	1,511	17.7%
I am from a family that lives in an area that is designated as a Health Professional Shortage Area, or a Medically Underserved Area.	5,232	19.2%	1,298	15.2%
I am the first generation in my family to attend college (neither my mother nor my father attended college).	5,178	19.0%	1,247	14.6%
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.	4,117	15.1%	1,016	11.9%
English is not my primary language.	3,162	11.6%	724	8.5%
I am from a school district where 50% or fewer graduates go to college or where college education is not encouraged.	2,807	10.3%	730	8.6%
I graduated from a high school from which a low percentage of seniors received a high school diploma.	1,181	4.3%	247	2.9%
I participated in an academic enrichment program funded in whole or in part by the Health Careers Opportunity Program.	367	1.3%	63	0.7%
I am a high-school drop-out who received AHS diploma or GED.	74	0.3%	29	0.3%

2021 AACOMAS Profile: Applicant and Matriculant Report

Applicants: 27,277

Matriculants: 8,516

6.2 Type of Geographic Area Raised

	<u>Number</u>	<u>Percent</u>	<u>Number</u>	<u>Percent</u>
Urban (>1,000,000)	3,314	12.1%	874	10.3%
Large City (100,000 - 1,000,000)	6,121	22.4%	1,884	22.1%
Mid-Size City (50,000 - 99,999)	5,042	18.5%	1,554	18.2%
Large Town (10,000 - 49,999)	7,225	26.5%	2,443	28.7%
Small Town (2,500 - 9,999)	3,972	14.6%	1,281	15.0%
Isolated Rural (<2,500)	1,339	4.9%	416	4.9%
Not Reported	264	1.0%	64	0.8%
Total	27,277		8,516	

7. Feeder Colleges

7.1: Top 20 Feeder Colleges - Rank Ordered by Applicants

	<u>Number</u>	<u>Percent</u>	<u>Number</u>	<u>Percent</u>
University of Florida	481	1.8%	178	2.1%
University of California - Los Angeles	437	1.6%	120	1.4%
Michigan State University - East Lansing	369	1.4%	140	1.6%
University of South Florida - Tampa	358	1.3%	103	1.2%
University of California - San Diego	343	1.3%	113	1.3%
Rutgers - State University of New Jersey - New Brunswick	317	1.2%	85	1.0%
Ohio State University	309	1.1%	85	1.0%
University of California - Davis	308	1.1%	113	1.3%
University of Central Florida	292	1.1%	90	1.1%
University of Michigan - Ann Arbor	275	1.0%	89	1.0%
University of California - Irvine	264	1.0%	93	1.1%
University of California - Irvine	234	0.9%	64	0.8%
University of Texas - Austin	233	0.9%	67	0.8%
Pennsylvania State University	229	0.8%	74	0.9%
University of California - Berkeley	217	0.8%	42	0.5%
Florida State University	205	0.8%	62	0.7%
Suny - Stony Brook	202	0.7%	63	0.7%
Arizona State University - Tempe	199	0.7%	61	0.7%
University of Illinois - Urbana / Champaign	198	0.7%	42	0.5%
Wayne State University	196	0.7%	55	0.6%

2021 AACOMAS Profile: Applicant and Matriculant Report

Applicants: 27,277

Matriculants: 8,516

7.2: Top 20 Feeder Colleges - Rank Ordered by Matriculants

	Number	Percent	Number	Percent
University of Florida	481	1.8%	178	2.1%
Michigan State University - East Lansing	369	1.4%	140	1.6%
University of California - Los Angeles	437	1.6%	120	1.4%
University of California - San Diego	343	1.3%	113	1.3%
University of California - Davis	308	1.1%	113	1.3%
University of South Florida - Tampa	358	1.3%	103	1.2%
University of California - Irvine	264	1.0%	93	1.1%
University of Central Florida	292	1.1%	90	1.1%
Brigham Young University	182	0.7%	90	1.1%
University of Michigan - Ann Arbor	275	1.0%	89	1.0%
Rutgers - State University of New Jersey - New Brunswick	317	1.2%	85	1.0%
Ohio State University	309	1.1%	85	1.0%
Pennsylvania State University	229	0.8%	74	0.9%
University of Georgia	195	0.7%	74	0.9%
University of California - Berkeley	233	0.9%	67	0.8%
University of Texas - Austin	234	0.9%	64	0.8%
Arizona State University - Tempe	202	0.7%	63	0.7%
Virginia Polytechnic Institute And State University	127	0.5%	63	0.7%
University of Washington - Bothell/Seattle/Tacoma	205	0.8%	62	0.7%
University of Pittsburgh - Pittsburgh	199	0.7%	61	0.7%
University of California - Riverside	180	0.7%	61	0.7%

8. Citizenship and Geographic Origin

8.1: Citizenship

	Number	Percent	Number	Percent
U.S. Citizen	25,780	95.3%	8,184	96.7%
Permanent Resident	824	3.0%	191	2.3%
Non-Citizen	291	1.1%	50	0.6%
Temporary Resident	150	0.6%	36	0.4%
Missing	232		55	
Total	27,277		8,516	

2021 AACOMAS Profile: Applicant and Matriculant Report

Applicants: 27,277

Matriculants: 8,516

8.2: Legal Address State

	<u>Number</u>	<u>Percent</u>	<u>Number</u>	<u>Percent</u>
Alabama	257	0.9%	107	1.3%
Alaska	47	0.2%	17	0.2%
Arizona	570	2.1%	186	2.2%
Arkansas	177	0.6%	65	0.8%
California	3,373	12.4%	1,047	12.3%
Colorado	470	1.7%	178	2.1%
Connecticut	256	0.9%	86	1.0%
Delaware	62	0.2%	20	0.2%
District of Columbia	24	0.1%	--	--
Florida	2,410	8.8%	704	8.3%
Georgia	722	2.6%	244	2.9%
Guam	--	--	--	--
Hawaii	81	0.3%	22	0.3%
Idaho	157	0.6%	54	0.6%
Illinois	1,159	4.2%	329	3.9%
Indiana	453	1.7%	154	1.8%
Iowa	223	0.8%	77	0.9%
Kansas	242	0.9%	80	0.9%
Kentucky	255	0.9%	83	1.0%
Louisiana	203	0.7%	61	0.7%
Maine	77	0.3%	28	0.3%
Maryland	508	1.9%	146	1.7%
Massachusetts	507	1.9%	129	1.5%
Michigan	1,327	4.9%	387	4.5%
Minnesota	397	1.5%	123	1.4%
Mississippi	138	0.5%	41	0.5%
Missouri	461	1.7%	182	2.1%
Montana	53	0.2%	15	0.2%
Nebraska	122	0.4%	30	0.4%
Nevada	204	0.7%	67	0.8%
New Hampshire	71	0.3%	32	0.4%
New Jersey	1,207	4.4%	339	4.0%
New Mexico	80	0.3%	23	0.3%
New York	2,026	7.4%	603	7.1%
North Carolina	566	2.1%	187	2.2%
North Dakota	36	0.1%	9	0.1%
Ohio	1,066	3.9%	347	4.1%
Oklahoma	526	1.9%	149	1.7%
Oregon	263	1.0%	97	1.1%

2021 AACOMAS Profile: Applicant and Matriculant Report

Applicants: 27,277

Matriculants: 8,516

8.2: Legal Address State (cont')

	<u>Number</u>	<u>Percent</u>	<u>Number</u>	<u>Percent</u>
Pennsylvania	1,181	4.3%	374	4.4%
Puerto Rico	12	0.0%	--	--
Rhode Island	41	0.2%	13	0.2%
South Carolina	247	0.9%	55	0.6%
South Dakota	54	0.2%	17	0.2%
Tennessee	458	1.7%	194	2.3%
Texas	1,847	6.8%	505	5.9%
Utah	408	1.5%	208	2.4%
Vermont	30	0.1%	9	0.1%
Virgin Islands	--	--	--	--
Virginia	773	2.8%	272	3.2%
Washington	486	1.8%	163	1.9%
West Virginia	148	0.5%	50	0.6%
Wisconsin	319	1.2%	99	1.2%
Wyoming	24	0.1%	10	0.1%
U.S. Permanent Residents	26,809	98.3%	8,422	98.9%
Non-U.S. Permanent Residents	468	1.7%	94	1.1%
Total	27,277		8,516	

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	236	0.9%	52	0.6%
Other	33	0.1%	6	0.1%
I-551	23	0.1%	6	0.1%
B-1 Visitor	10	0.0%	--	--
H-4 Spouses and dependents of H Visa Holders	7	0.0%	--	--
H-1B Employee	--	--	--	--
I-94 Asylum Granted	--	--	--	--
I-551C Conditional permanent resident	--	--	--	--
F-2 Spouses and children of F-1 Visa Holders	--	--	--	--
I-94 Parolee	--	--	--	--
J-1 Student	--	--	--	--
Total	323		69	

2021 AACOMAS Profile: Applicant and Matriculant Report

Applicants: 27,277

Matriculants: 8,516

9.2: Dual Citizenship

	<u>Number</u>	<u>Percent</u>	<u>Number</u>	<u>Percent</u>
United States	25,780	94.5%	8,184	96.1%
Canada	375	1.4%	97	1.1%
All Other	1,122	4.1%	235	2.8%
Total	27,277		8,516	

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Figure 1: COM Designations

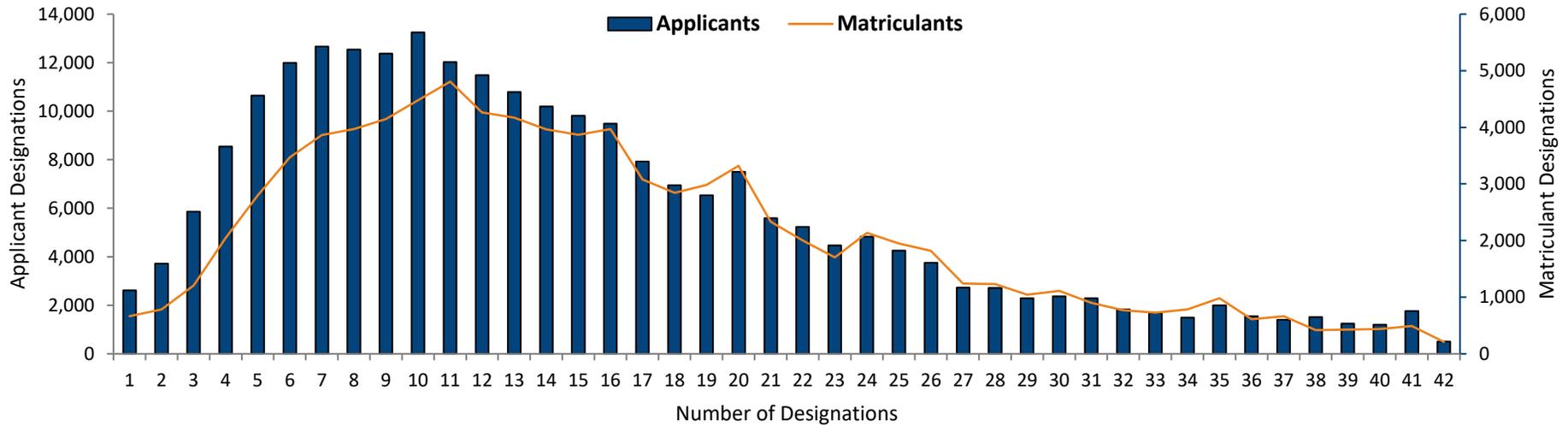
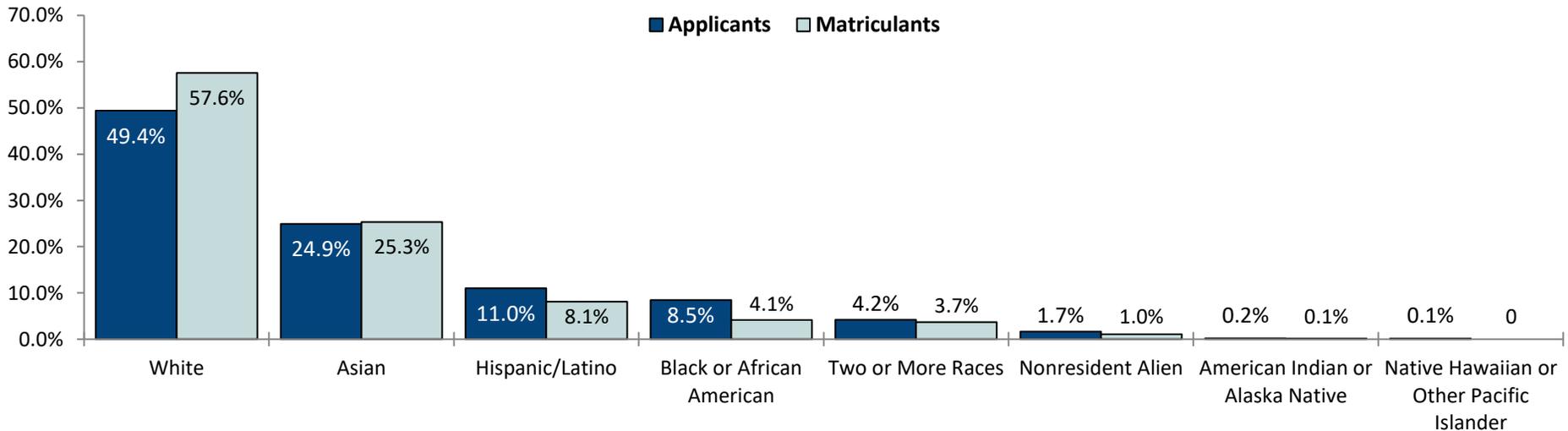


Figure 2: Race/Ethnicity – Single Category Response



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

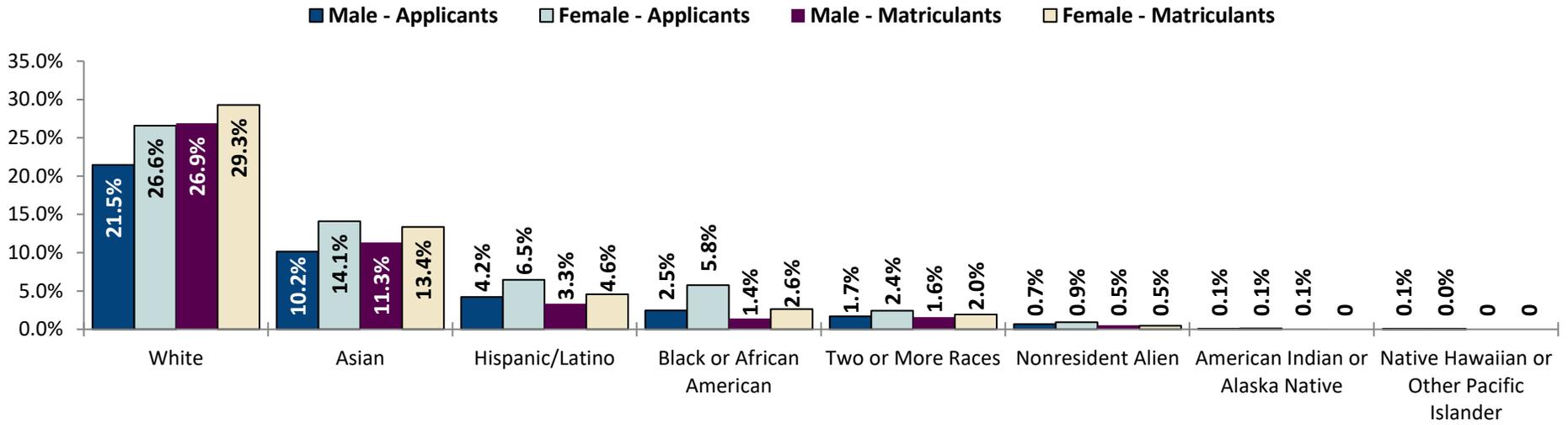
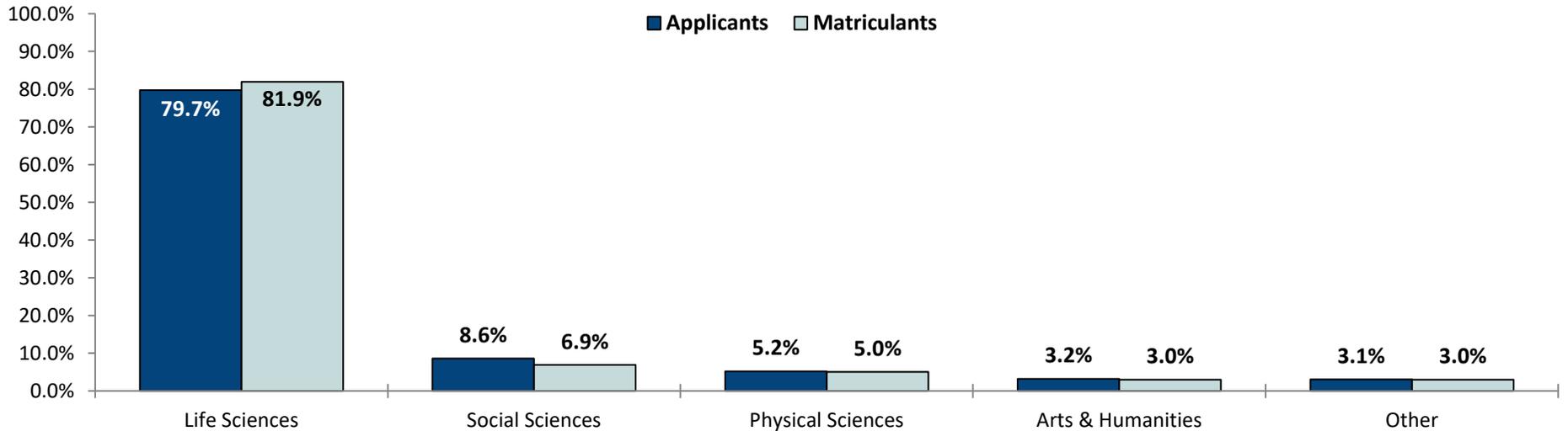


Figure 4: Baccalaureate Degree Major



2021 AACOMAS Profile: Applicant and Matriculant Report

Figure 5: Mean GPA by Academic Levels

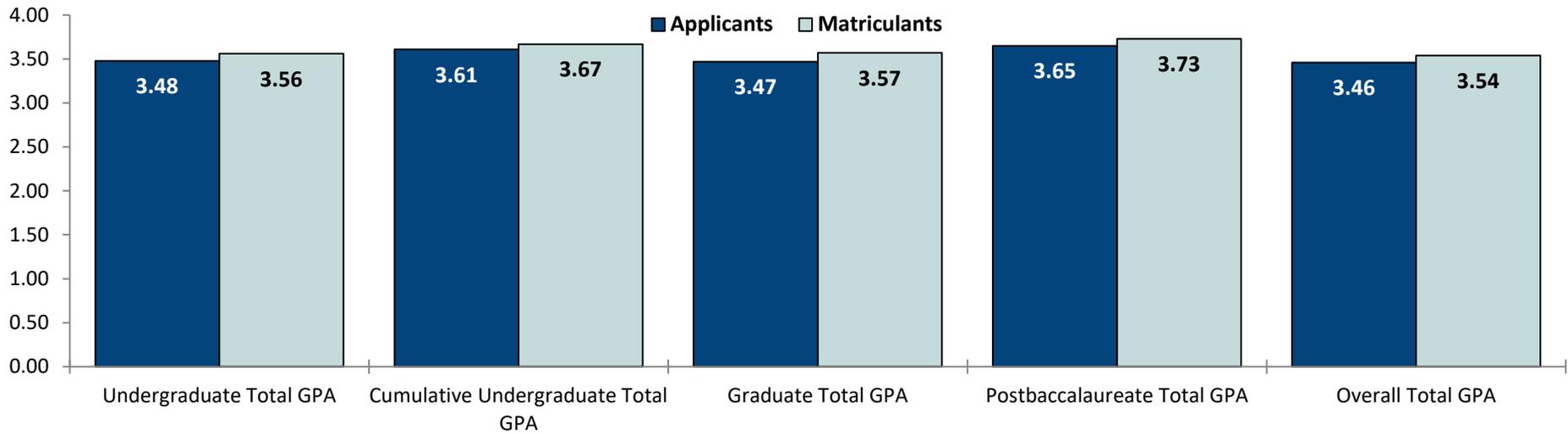
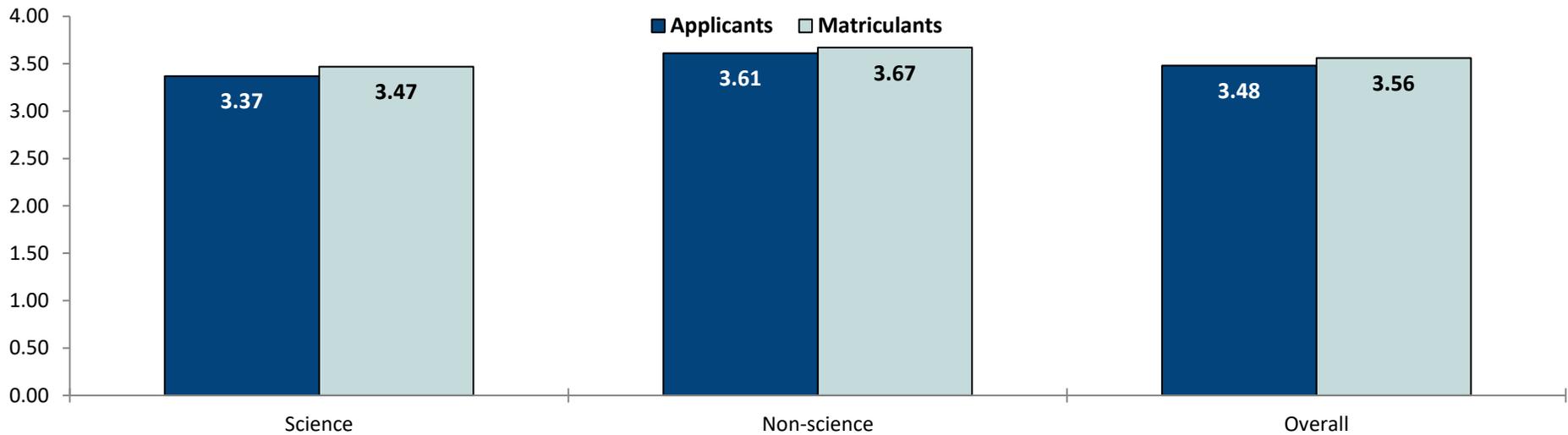


Figure 6: Mean Undergraduate GPA by Type



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Figure 7: Mean Undergraduate GPA by Gender by Type

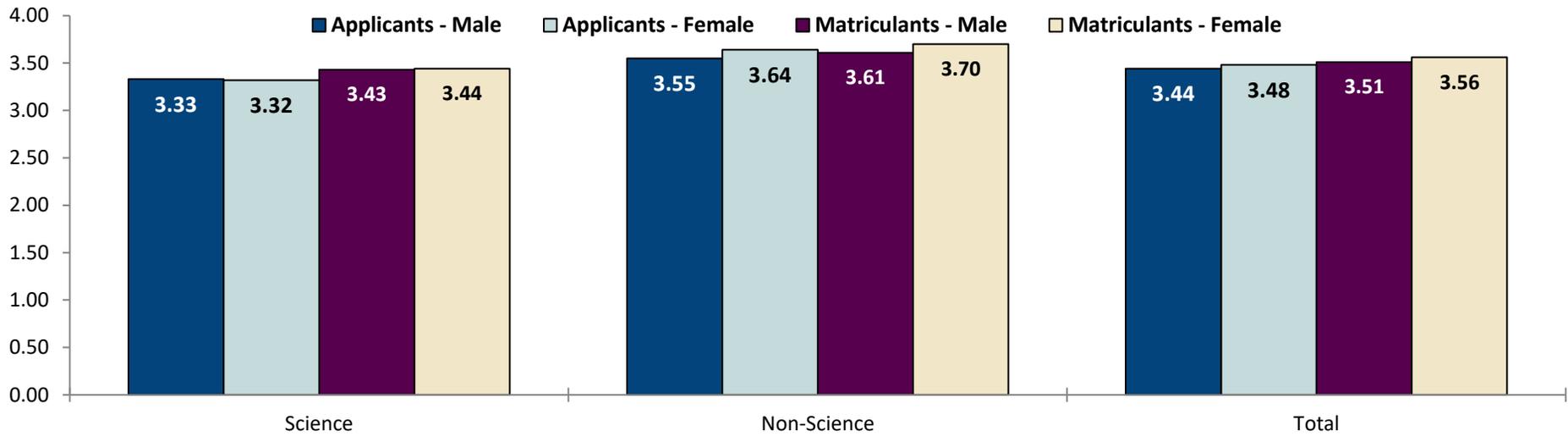
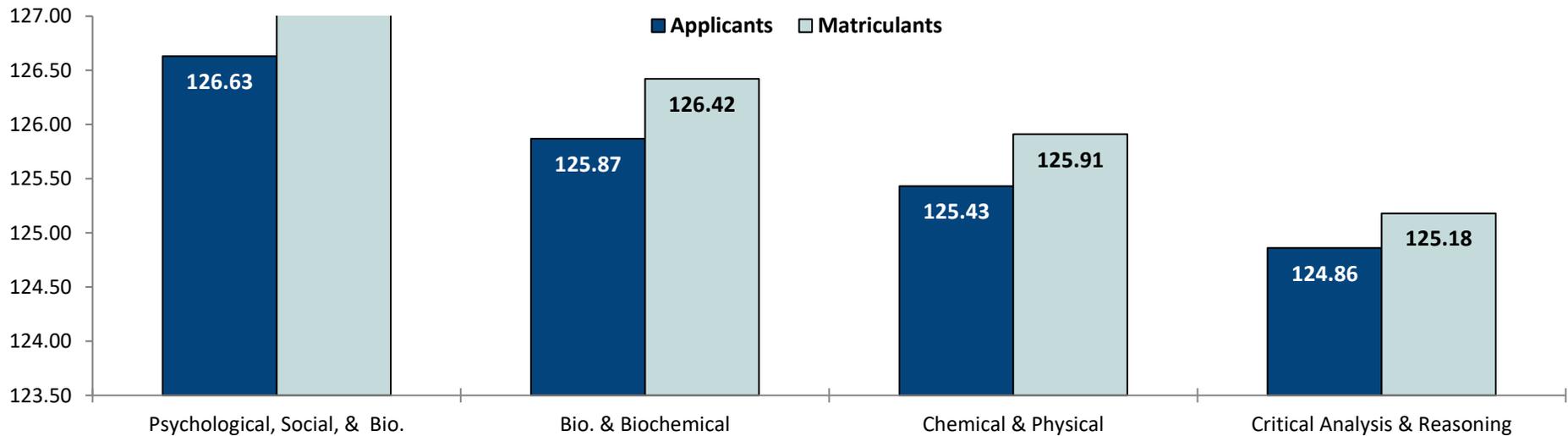


Figure 8: Mean New MCAT Section Scores



2021 AACOMAS Profile: Applicant and Matriculant Report

Figure 9: Mean New MCAT Section Scores by Gender

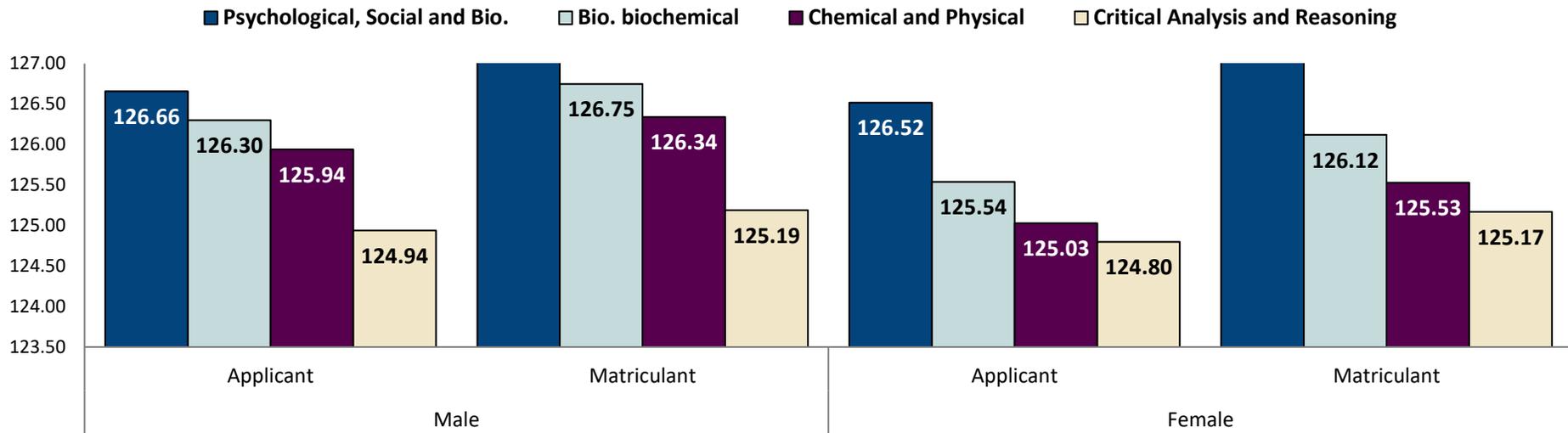
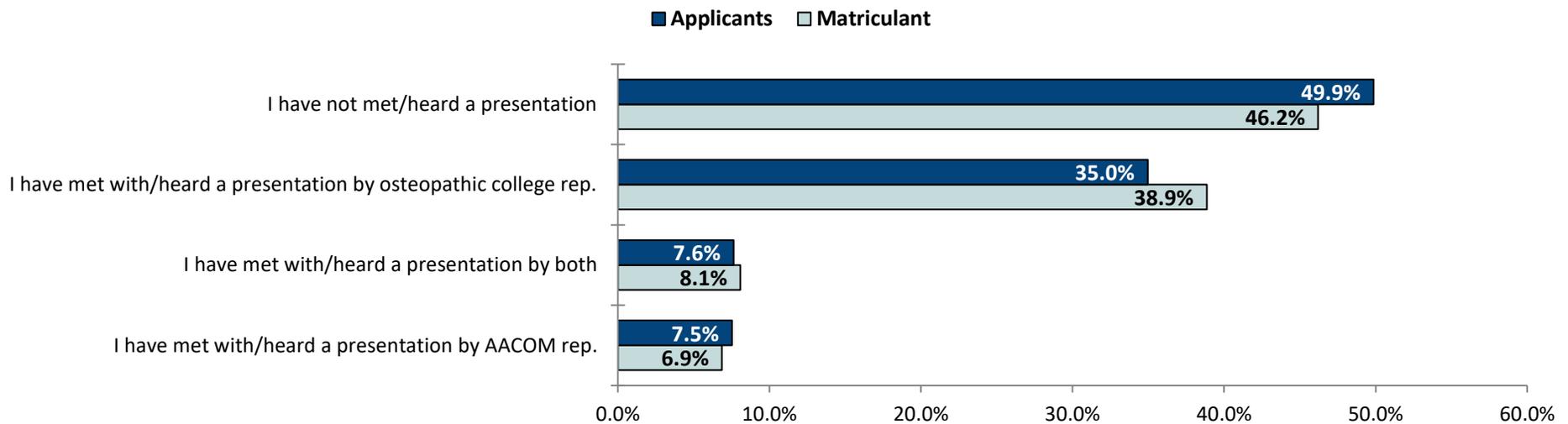
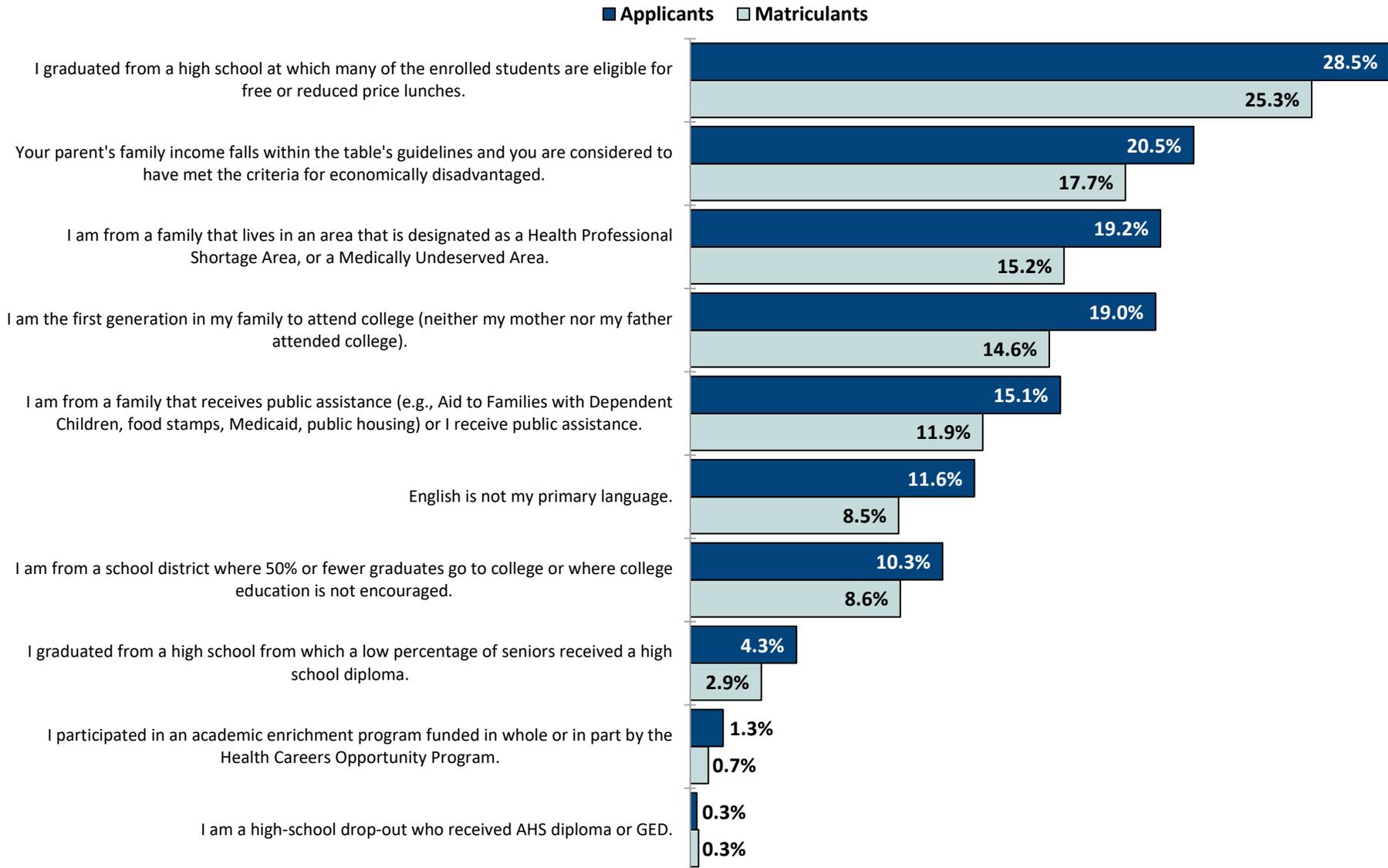


Figure 10: Met With or Heard Presentation on Osteopathic Medicine



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Chart 11: HRSA Indicators



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Figure 12: HRSA Geographic Region

