

**aacom**<sup>®</sup>

# AACOMAS Applicant and Matriculant Profile Summary Report



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## 2018 Entering Class

**Prepared by the Research Department**

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## **2018 AACOMAS Profile: Applicant and Matriculant Report Abstract**

Following are summary tables of osteopathic medical school applicants and matriculants from the 2017 entering class.

The American Association of Colleges of Osteopathic Medicine Application Service (AACOMAS) received 181,960 individual school applications from 20,981 applicants for 7,467<sup>1</sup> American Osteopathic Association (AOA) Commission on Osteopathic College Accreditation (COCA) approved seats in Fall 2018. These numbers include all applicants to the 40 colleges of osteopathic medicine and branch campuses which participated in AACOMAS. The application cycle opened in May 2017 and closed in April 2018, with deadlines varying by College of Osteopathic Medicine (COM). There were 2.87 applicants for each COCA-approved seat in the first-year class. The mean number of individual school applications per applicant was 8.70.

The COMs matriculated a total of 7,575 applicants to the 2018 entering class, 7,415 (98%) of whom applied through AACOMAS<sup>2</sup> and were matched to their applicant records used to produce this report<sup>3</sup>.

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

### **1. Applicant and Matriculant Characteristics**

- A total of 7,415 matriculants are included in this report. These matriculants submitted 74,253 individual school applications. This represents an increase of 218 (2.9%) matriculants and 1,497 (2.0%) applications compared to 2017.
- The mean number of individual school applications per matriculant was 10.01; in 2017 it was 10.11.
- Females continue to represent less than half of the matriculant pool, 3,592 (48.6%).
- The mean age was 23 for the class matriculating in 2018, down from 24 in 2017.
- For the single race/ethnicity category, the percentage of under-represented minorities decreased, from 10.3 percent in 2017 to 9.6 percent in 2018. Whites and Asians continue to make up more than eighty percent of the matriculant pool.

### **2. Baccalaureate Degree Majors**

- Matriculants with a major categorized as life sciences are nearly 76.2 percent of the pool, decreasing by two percent compared to 2017. The remaining percentages are as follows: social sciences (9.0%), physical sciences (6.5%), arts & humanities (4.9%), other majors (3.3%), and no major (0.2%). A total of 13 matriculants reported no major and 92 matriculants were missing a major.

### **3. GPA**

- Matriculants' post-baccalaureate overall mean GPA is the highest reported at 3.71, followed by graduate at 3.64, all-coursework at 3.49, and baccalaureate at 3.54. The standard deviation for each of these categories ranged from .29 to .36.
- Females continue to have a higher overall mean GPAs compared to males.
- Foreign matriculants' overall baccalaureate mean GPA was 3.64—the highest compared to all other single category race/ethnicities.

### **4. MCAT Scores**

- The mean scores for the new MCAT are as follows:
  - Psychological, social, and biological foundations of behavior: 126.52;

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<sup>1</sup> The University of North Texas Health Sciences Center at Fort Worth/Texas College of Osteopathic Medicine and NYIT-COM's émigré program applicants/matriculants 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.

<sup>2</sup> COMs may matriculate up to 108% of their COCA approved class size.

<sup>3</sup> A total of 37 matriculants were not included in this report: 13 could not be matched to their applicant records and 24 were reported as matriculating to more than one COM. Deferred or non-AACOMAS matriculants totaled 160.

- Biological and biochemical foundations of living systems: 126.16;
- Chemical and physical foundations of biological systems: 125.79;
- Critical analysis and reasoning skills: 125.36;
- Total for all sections: 503.83.
- The mean scores for the pre-2015 MCAT decreased in 2017. This decrease may be the result of fewer pre-2015 MCAT scores being reported as many matriculants are submitting new MCAT scores in their application.
  - Biological science decreased from 9.00 to 8.62;
  - Physical science from 8.37 to 8.13;
  - Verbal from 8.25 to 7.99;
  - Total from 25.62 to 24.75.
- Females continue to have a lower total mean MCAT scores compared to males for both exam types.
- Foreign matriculants had the highest total mean MCAT score compared to all other single category race/ethnicities for both exams.

## **5. Familiarity with Osteopathic Medicine & Prior Medical Education**

- The total number of matriculants reporting having met with/heard a presentation by an osteopathic college representative, an AACOM representative, or both was 2,530 (44.5%).
- The three most common ways matriculants first learn about osteopathic medicine are as follows: 1,825 (25.7%) from an osteopathic physician, 1,078 (15.2%) from a pre-health advisor or faculty member, and 1,071 (15.1%) from current medical students.
- A total of 127 (1.7%) of matriculants previously matriculated to a health care profession school. Allopathic medicine was the most common type of health care profession school previously attended, representing 33 (26.0%) matriculants.

## **6. HRSA Indicators**

- A total of 1,573 (21.2%) matriculants graduated from a high school at which many of the students are eligible for free or reduced lunch. Two other HRSA indicators—first generation college and living in a Health Profession Shortage Area—are reported by 1,049 (14.1%) and 1,128 (15.2%) matriculants.
- Matriculants living in a large town totaled 2,089 (28.2%). Thirty percent of matriculants—2,224—are from a large city and urban area.

## **7. Feeder College**

- University of Florida, Michigan State University – East Lansing, and , University of California – Los Angeles are the top three feeder colleges, together providing 389 (5.2%) matriculants.

## **8. Citizenship and Geographic Origin**

- In 2018, approximately 96.2 percent of matriculants are U.S citizens. The percentage of non-citizens increased by 0.1 percent in 2017.
- A total of 7,327 (98.8%) matriculants listed their permanent country as the United States. Of those not reporting the United States, 60 (0.8%) are Canadian residents, which remain unchanged since 2017.
- There are 1,992 (26.9%) matriculants who listed their state of residence as California, Florida, or New York.

## **9. Visas and Dual Residency**

- Visas are held by 77 (1.0%) matriculants; of these, 59 (76.6%) held F1-student visas.
- A total of 525 (7.1%) matriculants reported having a dual citizenship. The three most common countries matriculants listed holding dual citizenship to are Canada, India, and Iran—totaling 141 (1.9%).

## 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.

<b>Variables</b>	<b>Description of Data Filters, Manipulation, and Categorization</b>
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.
Military	– 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/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 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 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/matriculants, as students can complete more than one baccalaureate degree or may complete multiple majors.
GPA	– Four sets of GPAs are reported: baccalaureate, post-baccalaureate, graduate, and all coursework. – 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*	– Applicants/matriculants report where they first learned about osteopathic medicine based on 10 categories.
Previously Matriculated to Health care Profession School	– Applicants/matriculants indicate whether they previously matriculated to a health care profession school and the type of school they previously attended.
HRSA Indicators*	– Eleven Health Resource and Service Administration 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.
Country/State	– Based on the state/providence of residence and permanent country 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.

# 2018 AACOMAS Profile: Applicant and Matriculant Report

Applicants: 20,981

Matriculants: 7,415

## 1.6: Race/Ethnicity – Single Category Response<sup>1</sup>

	Number	Percent	Number	Percent
White	10,681	53.8%	4,303	61.0%
Asian	4,642	23.4%	1,675	23.8%
Hispanic/Latino	1,898	9.6%	467	6.6%
Black or African American	1,462	7.4%	224	3.2%
Two or More Races	763	3.8%	248	3.5%
Foreign	323	1.6%	111	1.6%
American Indian or Alaska Native	51	0.3%	17	0.2%
Native Hawaiian or Other Pacific Islander	29	0.1%	--	--
Undisclosed	1,132		365	
Total	20,981		7,415	
Underrepresented Minorities*	3,440	16.4%	713	9.6%

<sup>1</sup>: 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	5,578	5,097	10,675	2,341	1,958	4,299
Asian	2,138	2,500	4,638	788	885	1,673
Hispanic/Latino	853	1,074	1,927	223	243	466
Black or African American	526	935	1,461	80	144	224
Two or More Races	361	405	766	121	126	247
Foreign	125	142	267	51	60	111
American Indian or Alaska Native	24	27	51	10	7	17
Native Hawaiian or Other Pacific Islander	17	12	29	--	--	--
Undisclosed	574	559	1,133	186	169	355
Total	10,196	10,751	20,947	3,805	3,592	7,397

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	28.2%	25.7%	53.9%	33.2%	27.8%	61.0%
Asian	10.8%	12.6%	23.4%	11.2%	12.6%	23.8%
Hispanic/Latino	4.3%	5.4%	9.7%	3.2%	3.5%	6.6%
Black or African American	2.7%	4.7%	7.4%	1.1%	2.0%	3.2%
Two or More Races	1.8%	2.0%	3.9%	1.7%	1.8%	3.5%
Foreign	0.6%	0.7%	1.3%	0.7%	0.9%	1.6%
American Indian or Alaska Native	0.1%	0.1%	0.3%	0.1%	0.1%	0.2%
Native Hawaiian or Other Pacific Islander	0.1%	0.1%	0.1%	--	--	--
Total	48.6%	51.4%		51.4%	48.6%	

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

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 – Multiple Category Responses

	Number	Percent	Number	Percent
White	12,453	55.8%	4,840	62.3%
Asian	5,483	24.5%	1,944	25.0%
Hispanic/Latino	1,931	8.6%	476	6.1%
Black or African American	1,832	8.2%	295	3.8%
Foreign	323	1.4%	111	1.4%
American Indian or Alaska Native	221	1.0%	73	0.9%
Native Hawaiian or Other Pacific Islander	92	0.4%	25	0.3%
Undisclosed	1,132		365	
Total	23,467		8,129	

## 2. Baccalaureate Degree Majors

### 2.1: Baccalaureate Degree Major

	Number	Percent	Number	Percent
Life Sciences	16,679	74.3%	6,063	76.2%
Social Sciences	2,275	10.1%	713	9.0%
Physical Sciences	1,505	6.7%	521	6.5%
Arts & Humanities	1,180	5.3%	386	4.9%
Other	752	3.4%	262	3.3%
No Major	43	0.2%	13	0.2%
Undisclosed	319		92	

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

	Science	Non-science	Total	Science	Non-science	Total
Mean – Baccalaureate	3.30	3.57	3.43	3.43	3.65	3.54
SD – Baccalaureate	0.46	0.34	0.36	0.37	0.29	0.29
Mean – Post-Baccalaureate	3.57	3.75	3.60	3.69	3.82	3.71
SD – Post-Baccalaureate	0.49	0.45	0.47	0.38	0.39	0.36
Mean – Graduate	3.54	3.73	3.57	3.61	3.78	3.64
SD – Graduate	0.41	0.40	0.40	0.33	0.34	0.31
Mean – Overall GPA	3.36	3.58	3.46	3.49	3.66	3.56
SD – Overall GPA	0.38	0.33	0.33	0.29	0.28	0.26

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## 3.2: Bacalaureate GPA Range - Frequency

	Science	Non-science	Overall	Science	Non-science	Overall
3.60 – 4.00	5,976	11,805	7,756	2,680	4,858	3,452
3.20 – 3.59	7,550	6,260	8,345	3,098	1,977	3,065
2.80 – 3.19	4,549	2,134	3,554	1,229	464	739
2.40 – 2.79	1,894	556	1,030	281	80	120
2.00 – 2.39	690	123	195	74	19	22
Less than 1.99	215	17	17	29	--	--

## 3.2a: Bacalaureate GPA Range - Percent

	Science	Non-science	Overall	Science	Non-science	Overall
3.60 – 4.00	28.6%	56.6%	37.2%	36.3%	65.7%	46.7%
3.20 – 3.59	36.2%	30.0%	40.0%	41.9%	26.7%	41.4%
2.80 – 3.19	21.8%	10.2%	17.0%	16.6%	6.3%	10.0%
2.40 – 2.79	9.1%	2.7%	4.9%	3.8%	1.1%	1.6%
2.00 – 2.39	3.3%	0.6%	0.9%	1.0%	0.3%	0.3%
Less than 2.00	1.0%	0.1%	0.1%	0.4%	--	--

## 3.3: Bacalaureate GPA by Gender

	Science	Non-science	Overall	Science	Non-science	Overall
Mean – Male	3.32	3.52	3.41	3.43	3.60	3.51
SD – Male	0.45	0.42	0.37	0.37	0.31	0.31
Mean – Female	3.29	3.62	3.45	3.44	3.70	3.56
SD – Female	0.46	0.31	0.35	0.36	0.25	0.27

## 3.4: Bacalaureate GPA by Race/Ethnicity

	Science	Non-science	Overall	Science	Non-science	Overall
Mean – White	3.38	3.62	3.49	3.48	3.67	3.57
SD – White	0.42	0.32	0.33	0.36	0.28	0.28
Mean – Asian	3.28	3.59	3.42	3.40	3.65	3.51
SD – Asian	0.45	0.32	0.36	0.36	0.27	0.29
Mean – Hispanic/Latino	3.19	3.48	3.33	3.35	3.55	3.45
SD – Hispanic/Latino	0.46	0.37	0.37	0.38	0.33	0.31
Mean – Black or African American	2.97	3.38	3.18	3.14	3.51	3.33
SD – Black or African American	0.50	0.38	0.39	0.41	0.30	0.31
Mean – Two or More Races	3.26	3.53	3.40	3.42	3.62	3.52
SD – Two or More Races	0.46	0.35	0.37	0.35	0.29	0.28
Mean – Foreign	3.42	3.62	3.51	3.57	3.72	3.64
SD – Foreign	0.42	0.34	0.35	0.35	0.25	0.27
Mean – American Indian or Alaska Native	3.19	3.44	3.33	3.27	3.51	3.38
SD – American Indian or Alaska Native	0.61	0.45	0.48	0.49	0.43	0.40
Mean – Native Hawaiian or Other Pacific Islander	3.18	3.37	3.26	3.39	3.49	3.43
SD – Native Hawaiian or Other Pacific Islander	0.46	0.41	0.40	0.43	0.36	0.34

Note: Cells with fewer than five cases are not reported.



# 2018 AACOMAS Profile: Applicant and Matriculant Report

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## 4. MCAT Scores

### 4.1: New MCAT Section Scores

	<u>Mean</u>	<u>SD</u>	<u>Median</u>	<u>Mean</u>	<u>SD</u>	<u>Median</u>
Total	501.96	7.46	502.00	503.83	5.21	504.00
<i>Psychological, Social, &amp; Bio.</i>	126.02	2.42	126.00	126.52	1.97	127.00
<i>Bio. &amp; Biochemical</i>	125.64	2.37	126.00	126.16	1.91	126.00
<i>Chemical &amp; Physical</i>	125.31	2.34	125.00	125.79	1.95	126.00
<i>Critical Analysis &amp; Reasoning</i>	124.99	2.40	125.00	125.36	2.13	125.00

### 4.2: Pre-2015 MCAT Section Scores

	<u>Mean</u>	<u>SD</u>	<u>Median</u>	<u>Mean</u>	<u>SD</u>	<u>Median</u>
Total	23.74	5.30	24.00	24.75	4.72	25.00
<i>Biological Sci.</i>	8.28	2.14	8.00	8.62	1.92	9.00
<i>Physical Sci.</i>	7.76	2.10	7.50	8.13	2.02	8.00
<i>Verbal</i>	7.70	2.24	8.00	7.99	2.09	8.00

### 4.3: New MCAT Total Score Range

	<u>Number</u>	<u>Percent</u>	<u>Number</u>	<u>Percent</u>
519 or higher	154	0.8%	34	0.5%
513 – 518	1,161	6.1%	361	5.0%
507 – 512	4,014	20.9%	1,675	23.4%
501 – 506	6,299	32.8%	3,249	45.3%
495 – 500	4,559	23.8%	1,627	22.7%
489 – 494	2,089	10.9%	214	3.0%
483 – 488	721	3.8%	12	0.2%
Less than 482	187	1.0%	--	--

### 4.4: Pre-2015 MCAT Total Score Range

	<u>Number</u>	<u>Percent</u>	<u>Number</u>	<u>Percent</u>
40 – 45	--	--	--	--
35 – 40	60	1.5%	30	2.3%
30 – 34	491	12.4%	170	12.8%
25 – 29	1,272	32.0%	505	37.9%
20 – 24	1,294	32.6%	452	33.9%
15 – 19	680	17.1%	156	11.7%
6 – 14	175	4.4%	20	1.5%
Less than 5	--	--	--	--

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## 4.5: New MCAT Section Scores by Gender

	<u>Mean – Male</u>	<u>SD – Male</u>	<u>Mean – Female</u>	<u>SD – Female</u>	<u>Mean – Male</u>	<u>SD – Male</u>	<u>Mean – Female</u>	<u>SD – Female</u>
Total	503.23	7.38	500.77	7.34	504.71	5.37	502.91	4.88
<i>Psychological, Social, &amp; Bio.</i>	126.14	2.39	125.91	2.45	126.55	1.99	126.50	1.95
<i>Bio. &amp; Biochemical</i>	126.12	2.34	125.20	2.30	126.51	1.93	125.79	1.81
<i>Chemical &amp; Physical</i>	125.87	2.34	124.78	2.21	126.27	1.96	125.28	1.81
<i>Critical Analysis &amp; Reasoning</i>	125.10	2.40	124.89	2.39	125.37	2.15	125.34	2.10

## 4.6: Pre-2015 MCAT Section Scores by Gender

	<u>Mean – Male</u>	<u>SD – Male</u>	<u>Mean – Female</u>	<u>SD – Female</u>	<u>Mean – Male</u>	<u>SD – Male</u>	<u>Mean – Female</u>	<u>SD – Female</u>
Total	25.07	5.25	22.36	5.00	25.93	4.79	23.36	4.26
<i>Biological Sci.</i>	8.79	2.05	7.75	2.10	9.07	1.89	8.10	1.83
<i>Physical Sci.</i>	8.36	2.15	7.14	1.86	8.72	2.09	7.45	1.71
<i>Verbal</i>	7.92	2.23	7.47	2.24	8.14	2.12	7.81	2.04

## 4.7: Total MCAT Scores by Race/Ethnicity

	<u>New MCAT</u>	<u>Pre-2015</u>	<u>New MCAT</u>	<u>Pre-2015</u>
Mean – White	502.68	24.52	503.82	25.01
SD – White	6.93	4.78	5.13	4.26
Mean – Asian	503.25	24.88	504.91	25.81
SD – Asian	7.40	5.27	4.93	4.95
Mean – Hispanic/Latino	499.02	21.93	501.56	23.21
SD – Hispanic/Latino	7.37	4.64	4.87	4.21
Mean – Black or African American	495.20	19.02	498.54	20.17
SD – Black or African American	7.24	4.61	4.17	3.38
Mean – Two or More Races	501.51	23.90	503.48	24.92
SD – Two or More Races	7.09	5.17	5.27	5.26
Mean – Foreign	503.53	24.71	506.53	24.64
SD – Foreign	7.67	5.07	4.91	4.40
Mean – American Indian or Alaska Native	497.75	21.00	499.06	20.50
SD – American Indian or Alaska Native	7.50	5.24	6.23	6.02
Mean – Native Hawaiian or Other Pacific Islander	499.08	23.75	502.25	--
SD – Native Hawaiian or Other Pacific Islander	7.22	2.99	4.99	--

Note: Cells with fewer than five cases are not reported.

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4.8: New MCAT Section Scores by Race/Ethnicity	Psych., Social, &	Bio. &	Chemical &	Crit. Analysis &	Psych., Social, &	Bio. &	Chemical &	Crit. Analysis &
	Bio.	Biochemical	Physical	Reasoning	Bio.	Biochemical	Physical	Reasoning
Mean – White	126.17	125.78	125.37	125.36	126.47	126.11	125.70	125.54
SD – White	2.31	2.28	2.23	2.29	1.97	1.91	1.92	2.08
Mean – Asian	126.39	126.02	125.92	124.91	126.88	126.47	126.34	125.22
SD – Asian	2.40	2.35	2.30	2.40	1.90	1.81	1.84	2.12
Mean – Hispanic/Latino	125.29	124.96	124.52	124.26	126.05	124.72	125.15	124.72
SD – Hispanic/Latino	2.46	2.33	2.27	2.34	1.89	2.16	1.95	2.16
Mean – Black or African American	124.31	123.96	123.61	123.32	125.35	124.96	124.30	123.93
SD – Black or African American	2.41	2.26	2.19	2.29	1.74	1.69	1.71	2.02
Mean – Two or More Races	125.88	125.49	125.12	125.02	126.35	126.07	125.55	125.51
SD – Two or More Races	2.34	2.31	2.31	2.26	2.09	1.85	1.91	2.13
Mean – Foreign	126.34	126.41	126.33	124.45	127.21	127.21	127.20	124.91
SD – Foreign	2.45	2.40	2.44	2.27	1.79	1.85	1.95	2.02
Mean – American Indian or Alaska Native	124.81	124.35	123.88	124.71	124.71	124.76	124.71	124.88
SD – American Indian or Alaska Native	2.31	2.38	2.47	2.48	1.79	2.19	2.02	2.45
Mean – Native Hawaiian or Other Pacific Islander	125.46	124.88	124.88	123.88	126.25	126.50	125.75	123.75
SD – Native Hawaiian or Other Pacific Islander	2.00	2.29	2.33	2.19	2.06	2.38	1.50	1.71

4.9: Pre-2015 MCAT Section Scores by Race/Ethnicity	Biological Sci.	Physical Sci.	Verbal	Biological Sci.	Physical Sci.	Verbal
	Mean – White	8.52	7.81	8.19	8.69	8.05
SD – White	1.97	1.95	2.12	1.85	1.82	2.02
Mean – Asian	8.68	8.43	7.78	8.98	8.78	8.04
SD – Asian	2.11	2.15	2.16	1.97	2.13	2.02
Mean – Hispanic/Latino	7.71	6.95	7.27	8.17	7.31	7.73
SD – Hispanic/Latino	1.98	1.71	2.22	1.67	1.65	2.17
Mean – Black or African American	6.60	6.23	6.19	7.08	6.47	6.63
SD – Black or African American	2.11	1.62	2.09	1.81	1.39	1.85
Mean – Two or More Races	8.22	7.80	7.87	8.53	8.17	8.22
SD – Two or More Races	2.05	2.17	2.11	1.92	2.14	2.30
Mean – Foreign	8.86	9.00	6.85	8.61	8.64	7.39
SD – Foreign	2.01	2.25	2.06	1.75	2.00	1.89
Mean – American Indian or Alaska Native	7.75	5.63	7.63	7.83	7.00	20.50
SD – American Indian or Alaska Native	1.67	2.13	2.83	1.72	2.50	6.02
Mean – Native Hawaiian or Other Pacific Islander	--	--	--	--	--	--
SD – Native Hawaiian or Other Pacific Islander	--	--	--	--	--	--

Note: Cells with five or fewer cases are not reported.

# 2018 AACOMAS Profile: Applicant and Matriculant Report

Applicants: 20,981

Matriculants: 7,415

## 5. Familiarity with Osteopathic Medicine and Prior Medical Education

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

	Number	Percent	Number	Percent
I have not met/heard a presentation	7,700	47.9%	2,503	44.0%
I have met with/heard a presentation by Osteopathic College rep.	6,391	39.8%	2,530	44.5%
I have met with/heard a presentation by both	1,147	7.1%	401	7.0%
I have met with/heard a presentation by AACOM rep.	832	5.2%	255	4.5%
Undisclosed	4,911		1,726	
Total	20,981		7,415	

### 5.2: First Learn About Osteopathic Medicine

	Number	Percent	Number	Percent
Osteopathic Physician	4,947	24.6%	1,825	25.7%
Pre-Health Advisor or Faculty Member	3,088	15.4%	1,078	15.2%
Current Medical Student	3,069	15.3%	1,071	15.1%
AACOM Website	2,832	14.1%	915	12.9%
Family Member	2,434	12.1%	890	12.5%
College of Osteopathic Medicine Presentation	1,686	8.4%	640	9.0%
Other	1,093	5.4%	364	5.1%
Osteopathic Medical College Admissions Officer or Website	532	2.6%	175	2.5%
Recruitment Fair	224	1.1%	82	1.2%
Social Media	184	0.9%	59	0.8%
Undisclosed	892		316	
Total	20,981		7,415	

### 5.3: Previously Matriculated to Health care Profession School

	Number	Percent	Number	Percent
Yes	504	2.4%	127	1.7%
No	20,476	97.6%	7,288	98.3%
Undisclosed	--		--	
Total	20,981		7,415	

# 2018 AACOMAS Profile: Applicant and Matriculant Report

Applicants: 20,981

Matriculants: 7,415

## 5.3a: Previously Matriculated to Health Care

Profession School - Type	Number	Percent	Number	Percent
Allopathic Medicine	162	32.1%	33	26.0%
Nursing	97	19.2%	26	20.5%
Physician Assistant	94	18.7%	22	17.3%
Pharmacy	58	11.5%	17	13.4%
Osteopathic Medicine	40	7.9%	13	10.2%
Physical Therapy Doctorate	30	6.0%	10	7.9%
Podiatric Medicine	11	2.2%	--	--
Optometry	7	1.4%	--	--
Dental Medicine	--	--	--	--
Occupational Therapy Doctorate	--	--	--	--
<b>Total</b>	<b>504</b>		<b>127</b>	

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

## 5.4: Family Member is a DO or MD

	Number	Percent	Number	Percent
Yes	7,078	33.7%	2,490	33.6%
No	13,903	66.3%	4,925	66.4%
<b>Total</b>	<b>20,981</b>		<b>7,415</b>	

## 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.	5,003	23.8%	1,573	21.2%
Your parent's family income falls within the table's guidelines and you are considered to have met the criteria for economically disadvantaged.	3,549	16.9%	993	13.4%
I am the first generation in my family to attend college (neither my mother nor my father attended college).	3,566	17.0%	1,049	14.1%
I am from a family that lives in an area that is designated as a Health Professional Shortage Area, or a Medically Underserved Area.	3,543	16.9%	1,128	15.2%

## 2018 AACOMAS Profile: Applicant and Matriculant Report

	<i>Applicants: 20,981</i>		<i>Matriculants: 7,415</i>	
<b>6.1 HRSA Indicators (Cont')</b>	<b><u>Number</u></b>	<b><u>Percent</u></b>	<b><u>Number</u></b>	<b><u>Percent</u></b>
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.	2,457	11.7%	707	9.5%
English is not my primary language.	1,943	9.3%	527	7.1%
I am from a school district where 50% or fewer graduates go to college or where college education is not encouraged.	1,878	9.0%	543	7.3%
I graduated from a high school from which a low percentage of seniors received a high school diploma.	825	3.9%	207	2.8%
I participated in an academic enrichment program funded in whole or in part by the Health Careers Opportunity Program.	251	1.2%	47	0.6%
I am a high-school drop-out who received AHS diploma or GED.	79	0.4%	25	0.3%
<b>6.2 Type of Geographic Area Raised</b>	<b><u>Number</u></b>	<b><u>Percent</u></b>	<b><u>Number</u></b>	<b><u>Percent</u></b>
Urban (>1,000,000)	2,475	11.8%	770	10.4%
Large City (100,000 - 1,000,000)	4,334	20.7%	1,454	19.6%
Mid-Size City (50,000 - 99,999)	3,752	17.9%	1,329	17.9%
Large Town (10,000 - 49,999)	5,481	26.1%	2,089	28.2%
Small Town (2,500 - 9,999)	3,416	16.3%	1,266	17.1%
Isolated Rural (<2,500)	1,077	5.1%	378	5.1%
Not Reported	445	2.1%	129	1.7%
Undisclosed	--		--	
<b>Total</b>	<b>20,981</b>		<b>7,415</b>	

# 2018 AACOMAS Profile: Applicant and Matriculant Report

Applicants: 20,981

Matriculants: 7,415

## 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	368	1.8%	138	1.9%
Michigan State University - East Lansing	331	1.6%	144	1.9%
University of California - Los Angeles	290	1.4%	107	1.4%
Rutgers State University of New Jersey - New Brunswick	285	1.4%	91	1.2%
University of South Florida - Tampa	266	1.3%	95	1.3%
Ohio State University	251	1.2%	105	1.4%
University of California - San Diego	250	1.2%	111	1.5%
University of California - Irvine	232	1.1%	94	1.3%
University of Michigan - Ann Arbor	224	1.1%	81	1.1%
University of California - Davis	222	1.1%	88	1.2%
Brigham Young University	214	1.0%	107	1.4%
University of Central Florida	197	0.9%	67	0.9%
Florida State University	179	0.9%	46	0.6%
Pennsylvania State University	175	0.8%	71	1.0%
Arizona State University - Tempe	164	0.8%	67	0.9%
University of California - Berkeley	163	0.8%	52	0.7%
Florida International University	160	0.8%	39	0.5%
University of Illinois - Urbana / Champaign	159	0.8%	62	0.8%
University of Texas - Austin	157	0.7%	54	0.7%
SUNY - Stony Brook	144	0.7%	56	0.8%
University of Pittsburgh	144	0.7%	58	0.8%

# 2018 AACOMAS Profile: Applicant and Matriculant Report

Applicants: 20,981

Matriculants: 7,415

## 7.1a: Top 20 Feeder Colleges - Rank Ordered by Matriculants

	<u>Number</u>	<u>Percent</u>	<u>Number</u>	<u>Percent</u>
Michigan State University - East Lansing	331	1.6%	144	1.9%
University of Florida	368	1.8%	138	1.9%
University of California - San Diego	250	1.2%	111	1.5%
University of California - Los Angeles	290	1.4%	107	1.4%
Brigham Young University	214	1.0%	107	1.4%
Ohio State University	251	1.2%	105	1.4%
University of South Florida - Tampa	266	1.3%	95	1.3%
University of California - Irvine	232	1.1%	94	1.3%
Rutgers - New Brunswick	285	1.4%	91	1.2%
University of California - Davis	222	1.1%	88	1.2%
University of Michigan - Ann Arbor	224	1.1%	81	1.1%
Pennsylvania State University	175	0.8%	71	1.0%
University of Central Florida	197	0.9%	67	0.9%
Arizona State University - Tempe	164	0.8%	67	0.9%
University of Illinois - Urbana / Champaign	159	0.8%	62	0.8%
University of Pittsburgh - Pittsburgh	144	0.7%	58	0.8%
University of Washington	139	0.7%	57	0.8%
SUNY - Stony Brook	144	0.7%	56	0.8%
University of Texas - Austin	157	0.7%	54	0.7%
University of California - Berkeley	163	0.8%	52	0.7%
University Of Tennessee - Knoxville	96	0.5%	52	0.7%

## 8. Citizenship and Geographic Origin

### 8.1: Citizenship

	<u>Number</u>	<u>Percent</u>	<u>Number</u>	<u>Percent</u>
US Citizen	19,931	95.6%	7,105	96.2%
Permanent Resident	591	2.8%	171	2.3%
Non-Citizen	246	1.2%	80	1.1%
Temporary Resident	77	0.4%	31	0.4%
Missing	136		28	
Total	20,981		7,415	

### 8.2: Permanent Country

	<u>Number</u>	<u>Percent</u>	<u>Number</u>	<u>Percent</u>
United States	20,653	98.4%	7,327	98.8%
Canada	240	1.2%	60	0.8%
All Other	88	0.4%	28	0.4%
Total	20,981		7,415	



## 2018 AACOMAS Profile: Applicant and Matriculant Report

<b>8.3: Permanent Residence</b>	<i>Applicants: 20,981</i>		<i>Matriculants: 7,415</i>	
	<u>Number</u>	<u>Percent</u>	<u>Number</u>	<u>Percent</u>
Alabama	236	1.2%	101	1.4%
Alaska	33	0.1%	9	0.1%
Arizona	453	2.1%	165	2.2%
Arkansas	140	0.8%	57	0.8%
California	2,359	11.6%	901	12.2%
Colorado	344	1.7%	143	1.9%
Connecticut	168	1.0%	58	0.8%
Delaware	62	0.3%	28	0.4%
District of Columbia	22	0.1%	--	--
Florida	1,818	8.4%	550	7.4%
Georgia	482	2.3%	132	1.8%
Guam	--	--	--	--
Hawaii	65	0.3%	20	0.3%
Idaho	145	0.5%	70	0.9%
Illinois	980	4.6%	335	4.5%
Indiana	455	2.1%	159	2.1%
Iowa	229	1.0%	74	1.0%
Kansas	179	0.8%	65	0.9%
Kentucky	241	1.1%	89	1.2%
Louisiana	151	0.6%	35	0.5%
Maine	84	0.4%	25	0.3%
Maryland	356	1.7%	120	1.6%
Massachusetts	334	1.4%	124	1.7%
Michigan	1,025	5.0%	372	5.0%
Minnesota	318	1.6%	118	1.6%
Mississippi	122	0.5%	29	0.4%
Missouri	341	1.8%	140	1.9%
Montana	49	0.2%	22	0.3%
Nebraska	86	0.4%	27	0.4%
Nevada	152	0.7%	51	0.7%
New Hampshire	49	0.3%	20	0.3%
New Jersey	980	4.9%	323	4.4%
New Mexico	65	0.2%	26	0.4%
New York	1,608	7.5%	541	7.3%
North Carolina	458	1.9%	160	2.2%
North Dakota	29	0.1%	13	0.2%
Ohio	875	4.4%	357	4.8%
Oklahoma	377	1.7%	122	1.6%

# 2018 AACOMAS Profile: Applicant and Matriculant Report

Applicants: 20,981

Matriculants: 7,415

## 8.3: Permanent Residence (Cont')

	Number	Percent	Number	Percent
Oregon	191	1.0%	78	1.1%
Pennsylvania	974	5.0%	359	4.8%
Puerto Rico	9	0.0%	--	--
Rhode Island	45	0.2%	15	0.2%
South Carolina	188	0.8%	59	0.8%
South Dakota	59	0.2%	18	0.2%
Tennessee	342	1.5%	157	2.1%
Texas	1,203	5.6%	356	4.8%
Utah	318	1.8%	154	2.1%
Vermont	16	0.1%	--	--
Virgin Islands	--	--	--	--
Virginia	626	2.7%	251	3.4%
Washington	375	1.9%	158	2.1%
West Virginia	130	0.7%	46	0.6%
Wisconsin	268	1.4%	80	1.1%
Wyoming	32	0.1%	9	0.1%
U.S. Permanent Residents	20,653	98.4%	7,327	98.8%
Non-U.S. Permanent Residents	328	1.6%	88	1.2%
Total	20,981		7,415	

## 9. Visas and Dual Residency

### 9.1: Applicant/Matriculant Holds a Visa

	Number	Percent	Number	Percent
Yes	202	1.0%	77	1.0%
No	20,779	99%	7,338	99.0%
Total	20,981		7,415	

### 9.1a: Type of Visa Held

	Number	Percent	Number	Percent
F-1 Student	151	78.6%	59	76.6%
Other	19	9.9%	6	7.8%
H1-B Employee	--	--	--	--
B-1 Visitor	9	4.7%	--	--
I-551C Conditional Permanent Resident	--	--	--	--
H-4 Spouses and Dependents of H Visa Holders	--	--	--	--
I-94 Asylum Granted	--	--	--	--
J-1 Student	--	--	--	--
J-1 Teacher, Researcher, or Trainee	--	--	--	--
Total	192		77	

## 2018 AACOMAS Profile: Applicant and Matriculant Report

	<i>Applicants: 20,981</i>		<i>Matriculants: 7,415</i>	
<b>9.2: Dual Citizenship</b>	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>
Not a Dual Citizen	19,182	92.1%	6,890	92.9%
Dual Citizen	1799	7.9%	525	7.1%
<i>Afghanistan</i>	8		--	
<i>Albania</i>	12		--	
<i>Algeria</i>	--		--	
<i>Argentina</i>	--		--	
<i>Armenia</i>	--		--	
<i>Australia</i>	18		--	
<i>Azerbaijan</i>	--		--	
<i>Bahamas</i>	--		--	
<i>Bangladesh</i>	10		--	
<i>Belarus</i>	--		--	
<i>Belgium</i>	--		--	
<i>Belize</i>	--		--	
<i>Benin</i>	--		--	
<i>Bermuda</i>	--		--	
<i>Bolivia</i>	--		--	
<i>Bosnia and Herzegovina</i>	--		--	
<i>Brazil</i>	7		14	
<i>Bulgaria</i>	40		--	
<i>Burkina Faso</i>	7		--	
<i>Cabo Verde</i>	--		--	
<i>Cambodia</i>	--		--	
<i>Cameroon</i>	--		--	
<i>Canada</i>	171		53	
<i>Chile</i>	--		--	
<i>China</i>	--		--	
<i>Colombia</i>	49		7	
<i>Costa Rica</i>	--		--	
<i>Croatia</i>	--		--	
<i>Cuba</i>	17		--	
<i>Cyprus</i>	--		--	
<i>Czechia</i>	--		--	
<i>Dominica</i>	10		--	
<i>Dominican Republic</i>	12		--	
<i>Ecuador</i>	86		--	
<i>Egypt</i>	--		28	
<i>El Salvador</i>	--		--	

## 2018 AACOMAS Profile: Applicant and Matriculant Report

Applicants: 20,981

Matriculants: 7,415

### 9.2: Dual Citizenship (Cont')

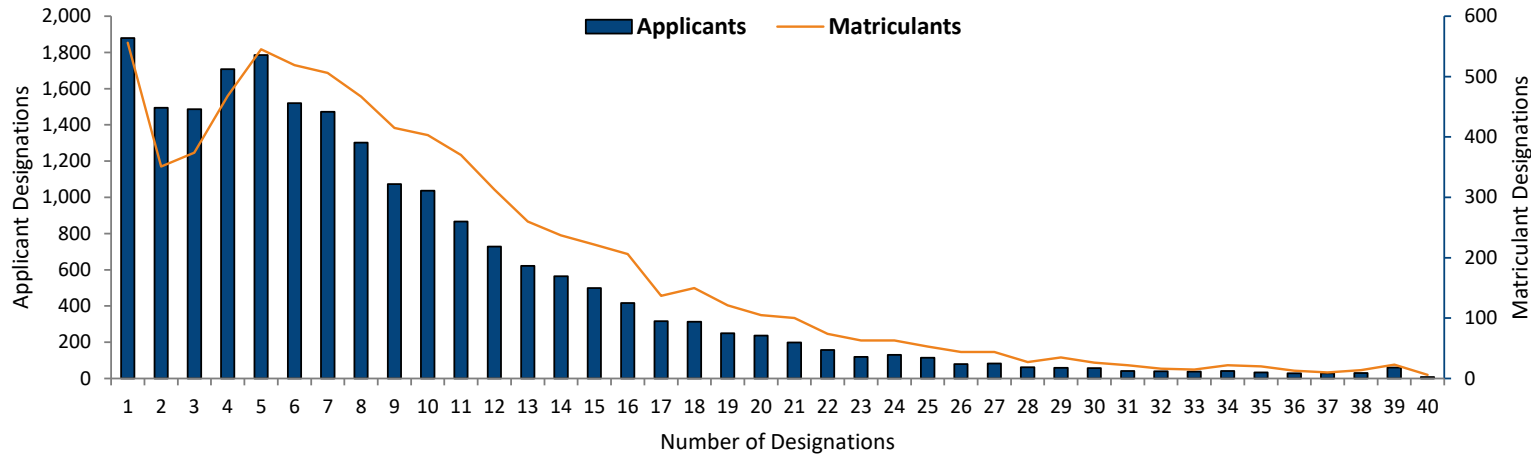
	<u>Number</u>	<u>Number</u>
Estonia	--	--
Ethiopia	--	--
Finland	23	--
France	--	--
Georgia	24	--
Germany	--	11
Ghana	11	--
Greece	--	--
Guatemala	--	--
Guinea	--	--
Guyana	6	--
Haiti	--	--
Honduras	--	--
Hong Kong	12	--
Hungary	--	--
India	139	51
Iran	115	37
Iraq	22	7
Ireland	9	--
Israel	38	9
Italy	30	12
Jamaica	7	--
Japan	7	--
Jordan	35	10
Kenya	--	--
Lebanon	60	18
Liberia	--	--
Libya	--	--
Lithuania	--	--
Macedonia	--	--
Malaysia	--	--
Mali	--	--
Malta	--	--
Mexico	43	13
Moldova	--	--
Montenegro	--	--
Morocco	8	--
Netherlands	--	--

## 2018 AACOMAS Profile: Applicant and Matriculant Report

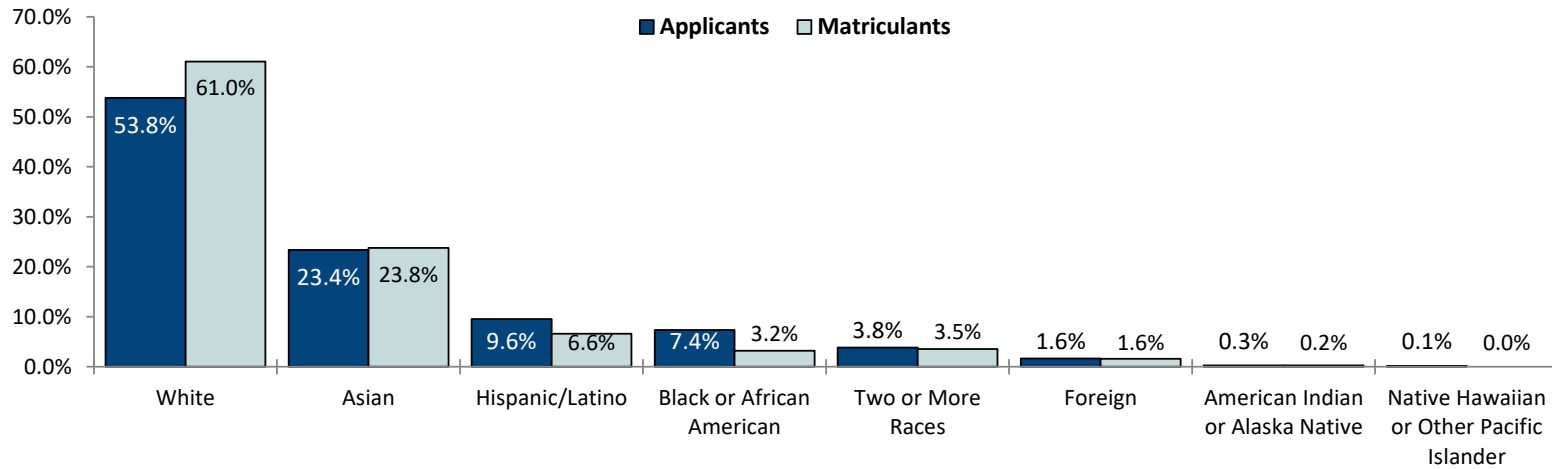
	<i>Applicants: 20,981</i>	<i>Matriculants: 7,415</i>
<b>9.2: Dual Citizenship (Cont')</b>	<b><u>Number</u></b>	<b><u>Number</u></b>
<i>New Zealand</i>	6	--
<i>Nicaragua</i>	--	--
<i>Nigeria</i>	116	18
<i>Norway</i>	--	--
<i>Pakistan</i>	94	27
<i>Palestine</i>	8	--
<i>Panama</i>	11	--
<i>Peru</i>	21	7
<i>Philippines</i>	21	9
<i>Poland</i>	49	10
<i>Portugal</i>	6	--
<i>Romania</i>	20	--
<i>Russia</i>	26	8
<i>Saint Lucia</i>	--	--
<i>Senegal</i>	--	--
<i>Serbia</i>	--	--
<i>Sierra Leone</i>	--	--
<i>Somalia</i>	--	--
<i>South Africa</i>	7	--
<i>South Korea</i>	19	7
<i>Spain</i>	16	7
<i>Sri Lanka</i>	--	--
<i>Sudan</i>	--	--
<i>Sweden</i>	11	--
<i>Switzerland</i>	9	--
<i>Syrian Arab Republic</i>	32	6
<i>Taiwan</i>	39	19
<i>Thailand</i>	11	--
<i>Trinidad and Tobago</i>	7	--
<i>Tunisia</i>	--	--
<i>Turkey</i>	13	--
<i>Uganda</i>	--	--
<i>United Kingdom</i>	61	23
<i>Uruguay</i>	--	--
<i>Venezuela</i>	19	--
<i>Vietnam</i>	11	--
<i>Yemen</i>	--	--
<i>Zimbabwe</i>	--	--
<b>Total</b>	<b>20,981</b>	<b>7,415</b>

# 2018 AACOMAS Profile: Applicant and Matriculant Report

## Figure 1: COM Designations

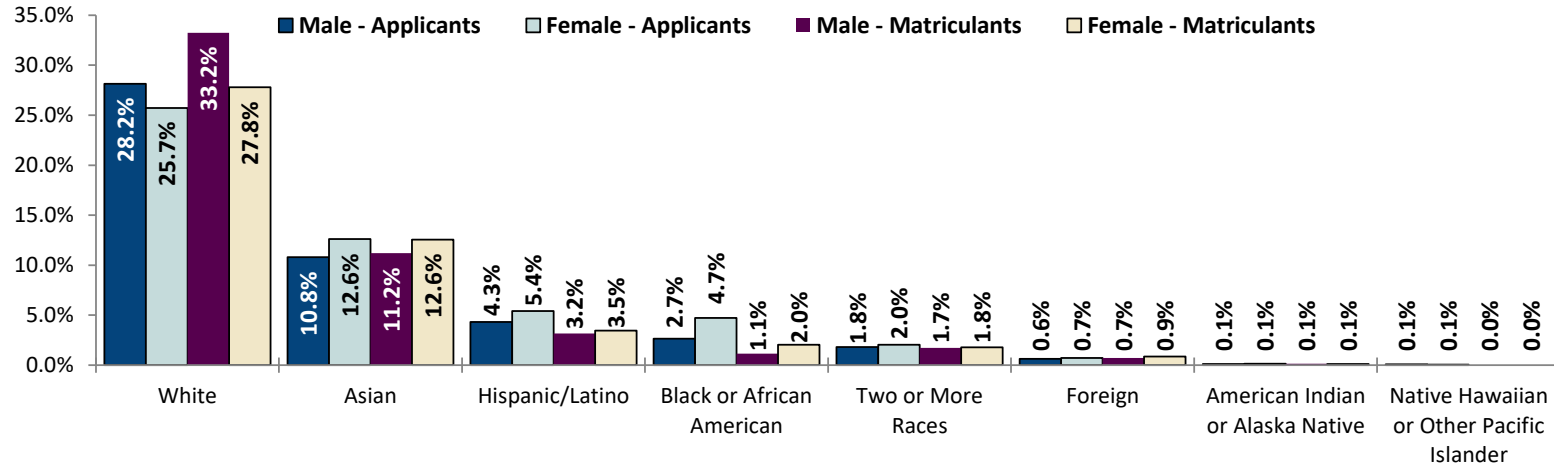


## Figure 2: Race/Ethnicity – Single Category Response

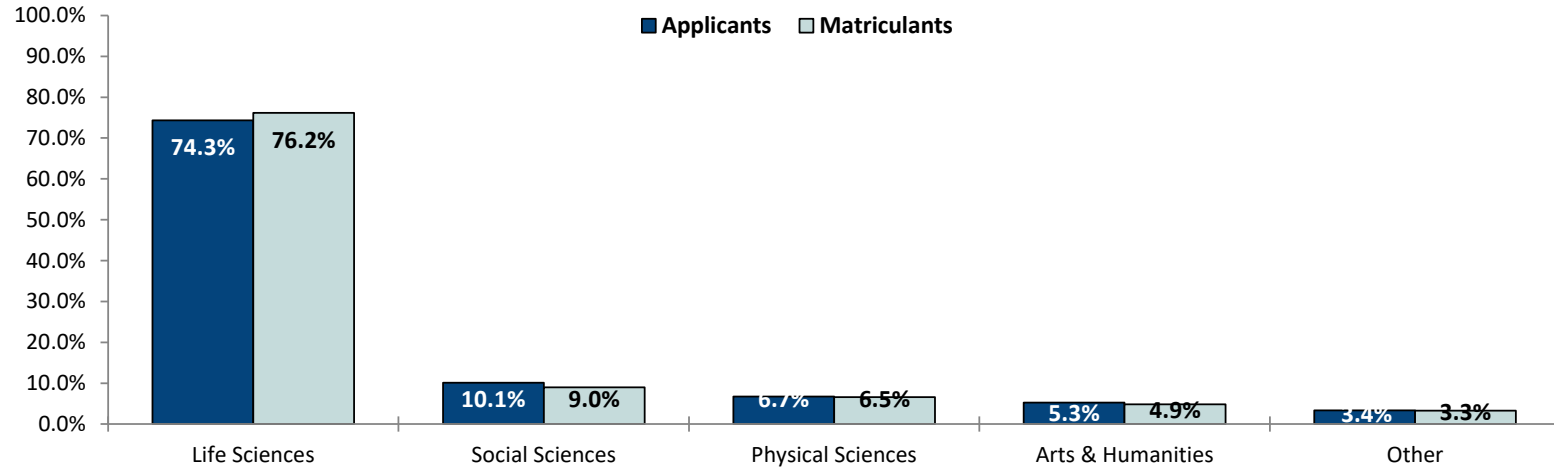


# 2018 AACOMAS Profile: Applicant and Matriculant Report

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

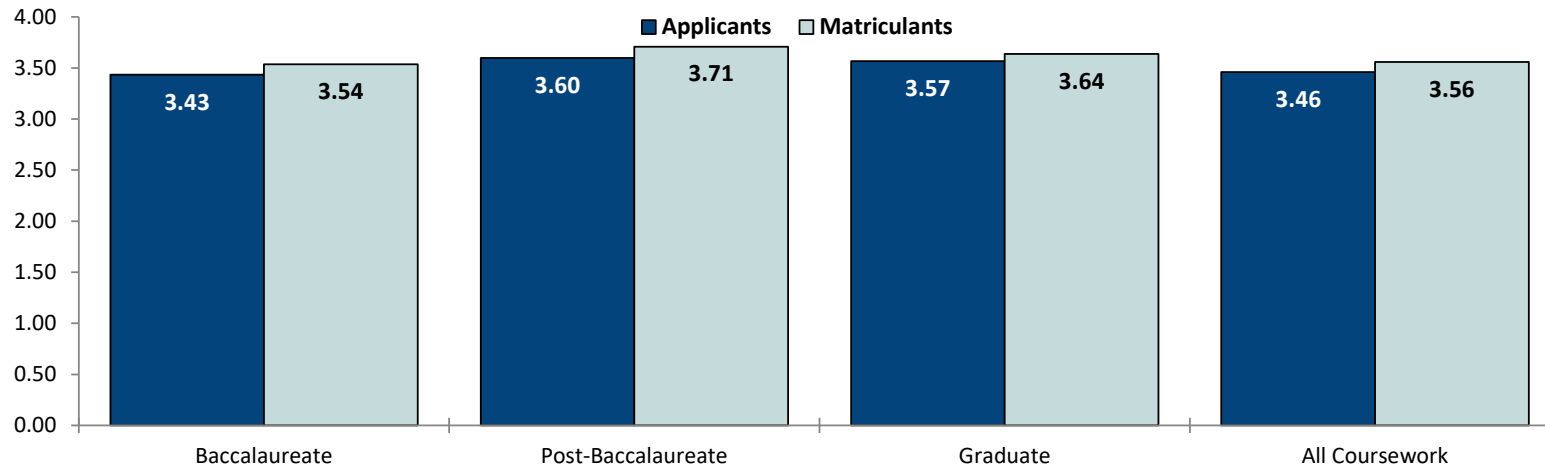


## Figure 4: Baccalaureate Degree Major

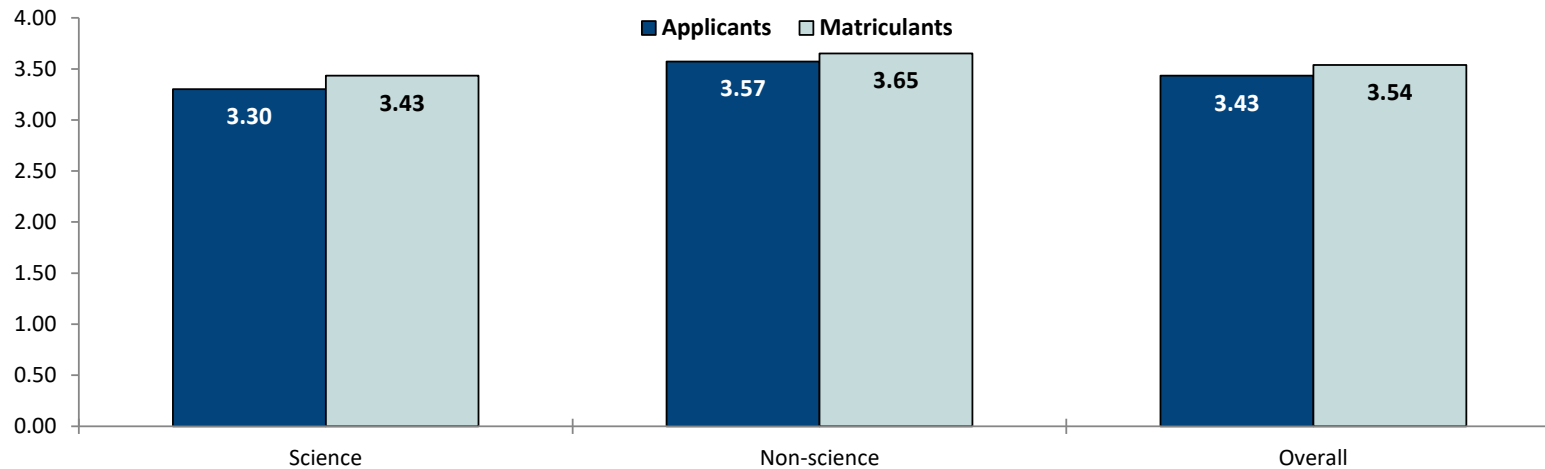


# 2018 AACOMAS Profile: Applicant and Matriculant Report

## Figure 5: Overall Mean GPA by Academic Levels



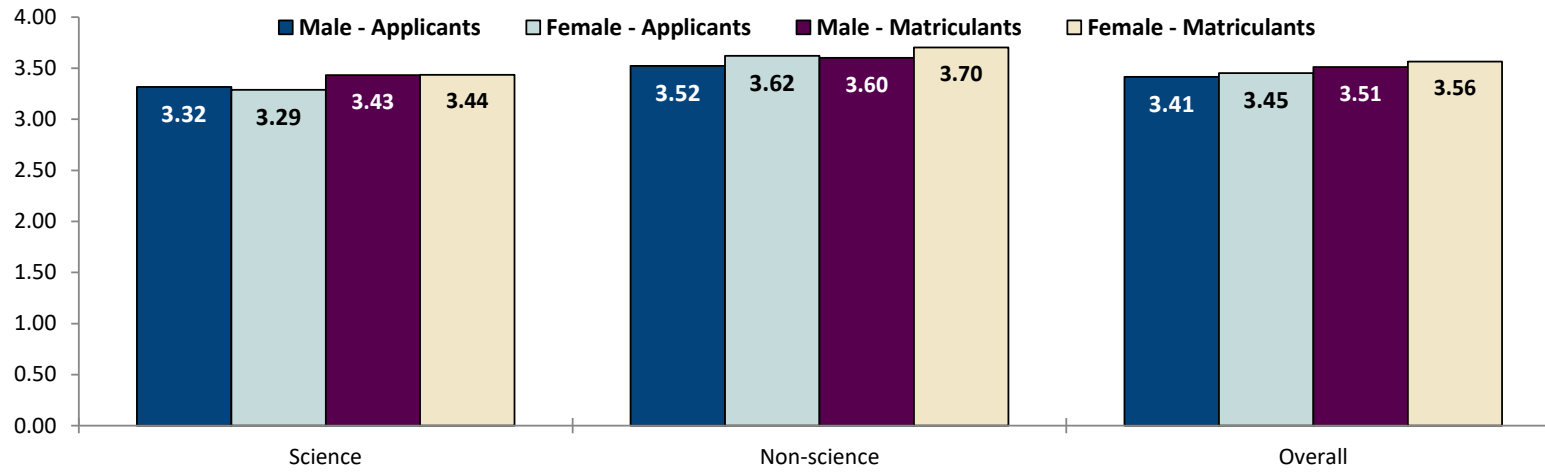
## Figure 6: Mean Undergraduate GPA by Type



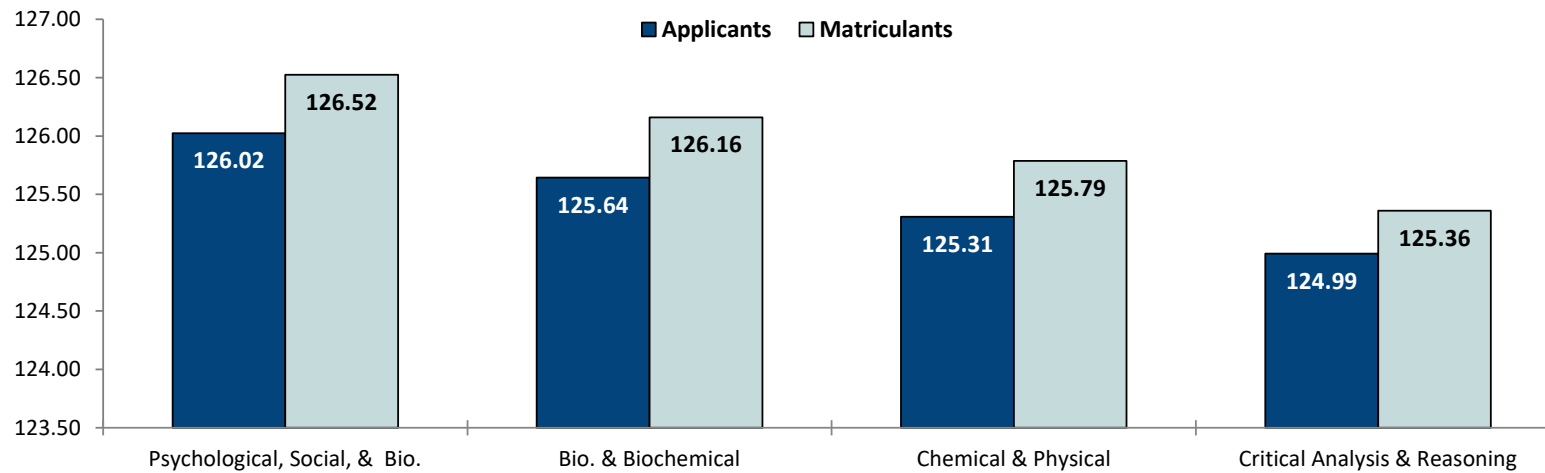


# 2018 AACOMAS Profile: Applicant and Matriculant Report

## Figure 7: Mean Undergraduate GPA by Gender by Type

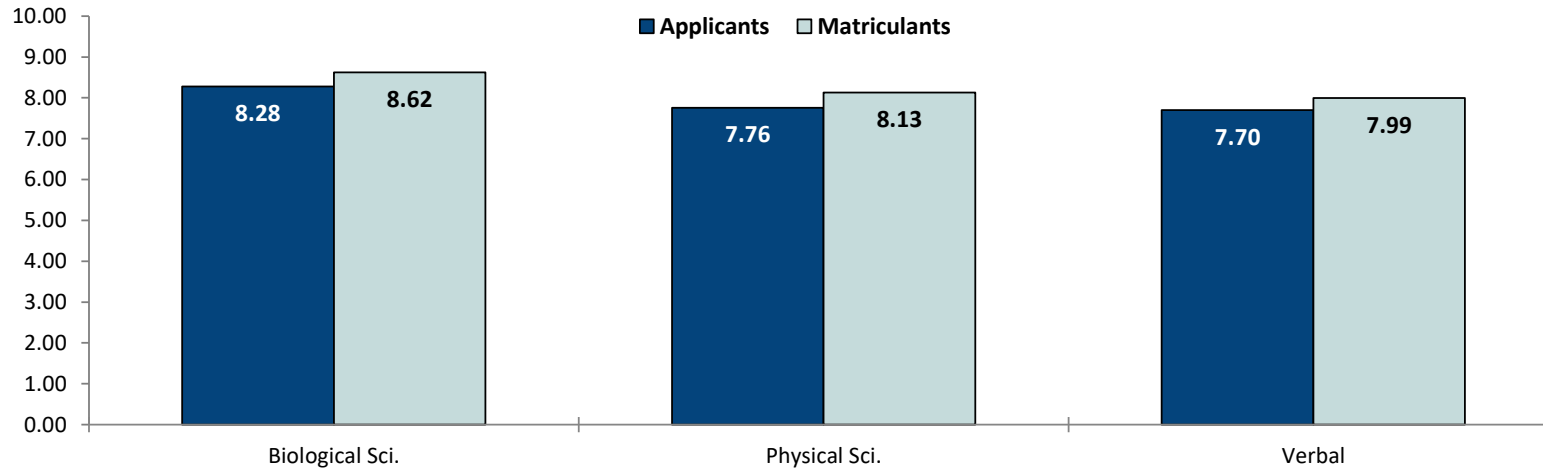


## Figure 8: Mean New MCAT Section Scores

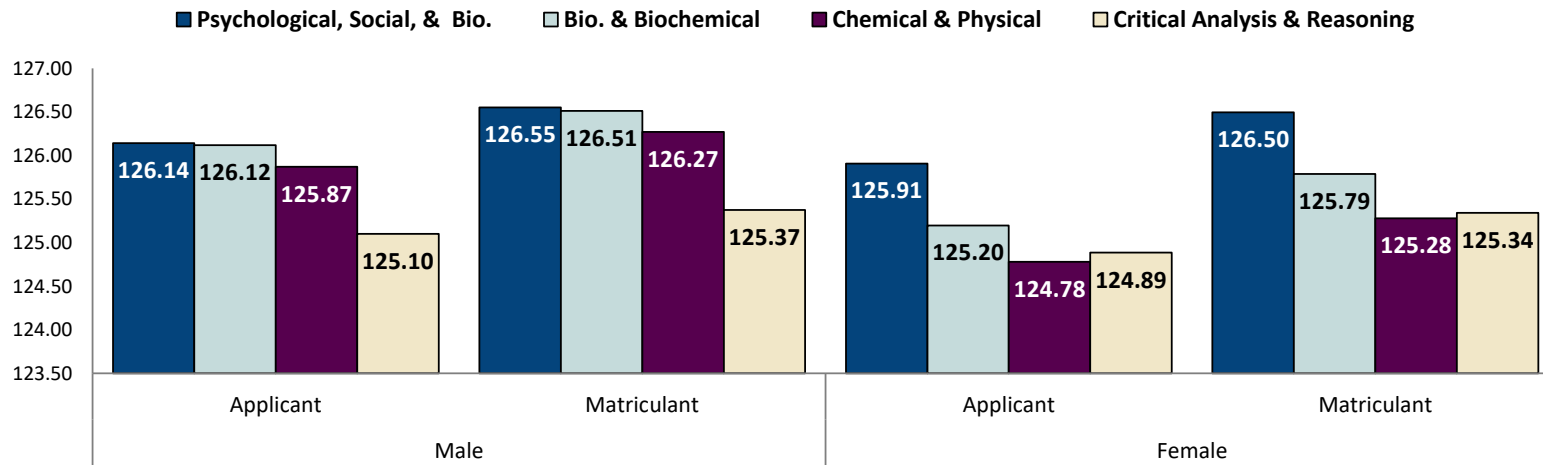


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## Figure 9: Mean Pre-2015 MCAT Section Scores

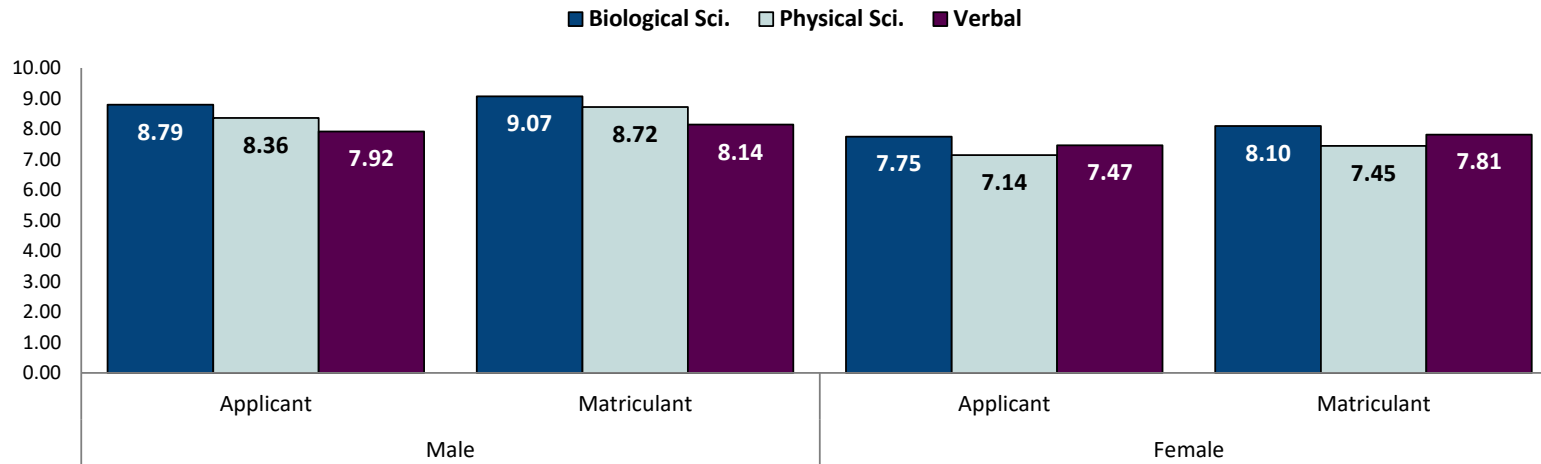


## Figure 10: Mean New MCAT Section Scores by Gender

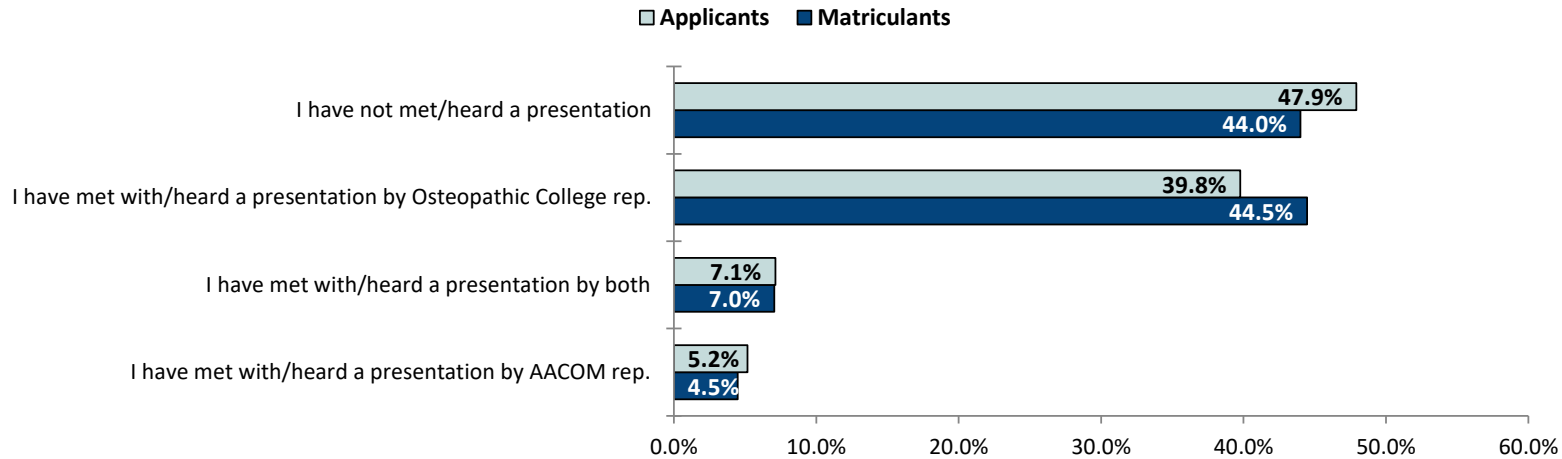


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## Figure 11: Mean Pre-2015 MCAT Section Scores by Gender

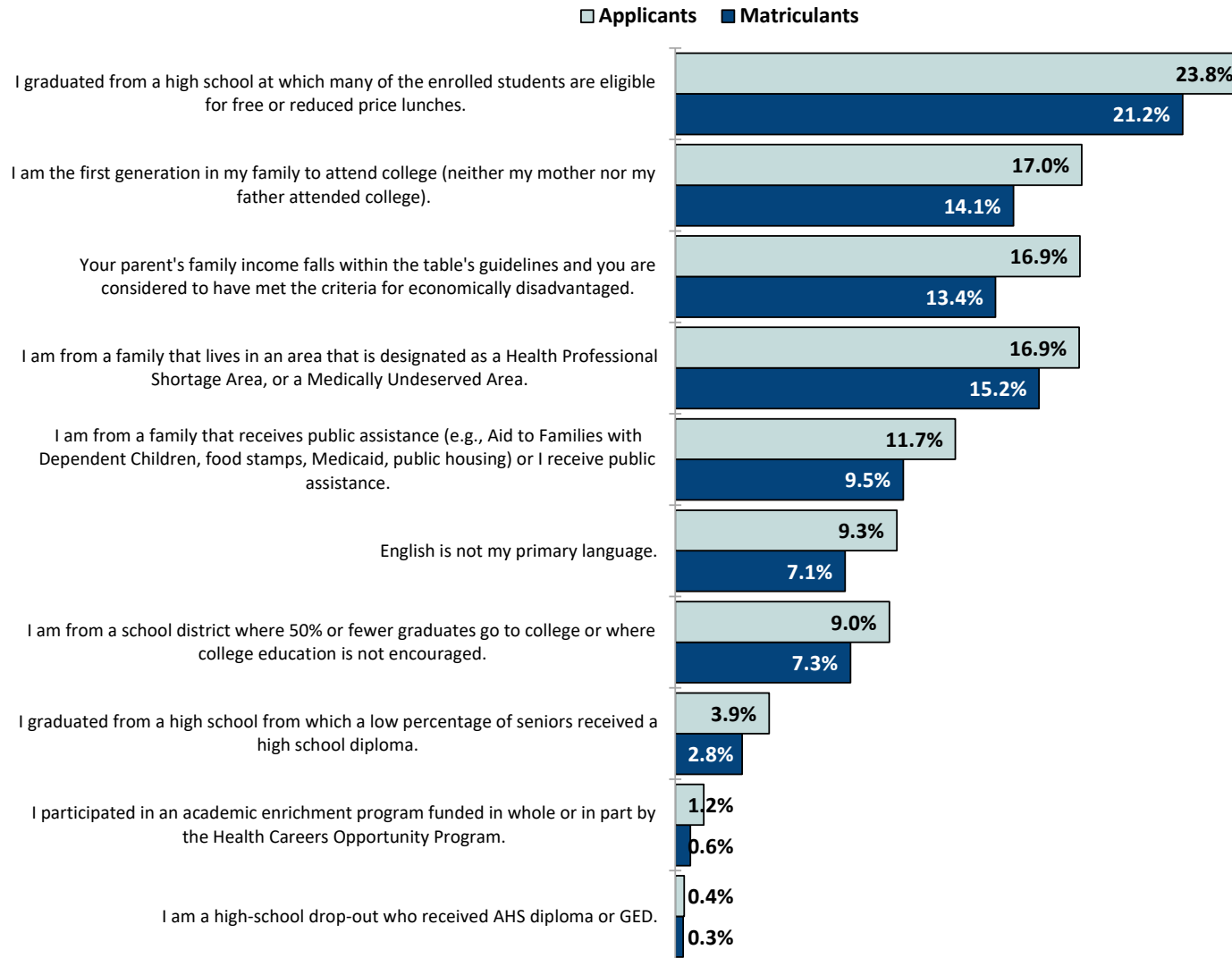


## Figure 12: Met With or Heard Presentation on Osteopathic Medicine



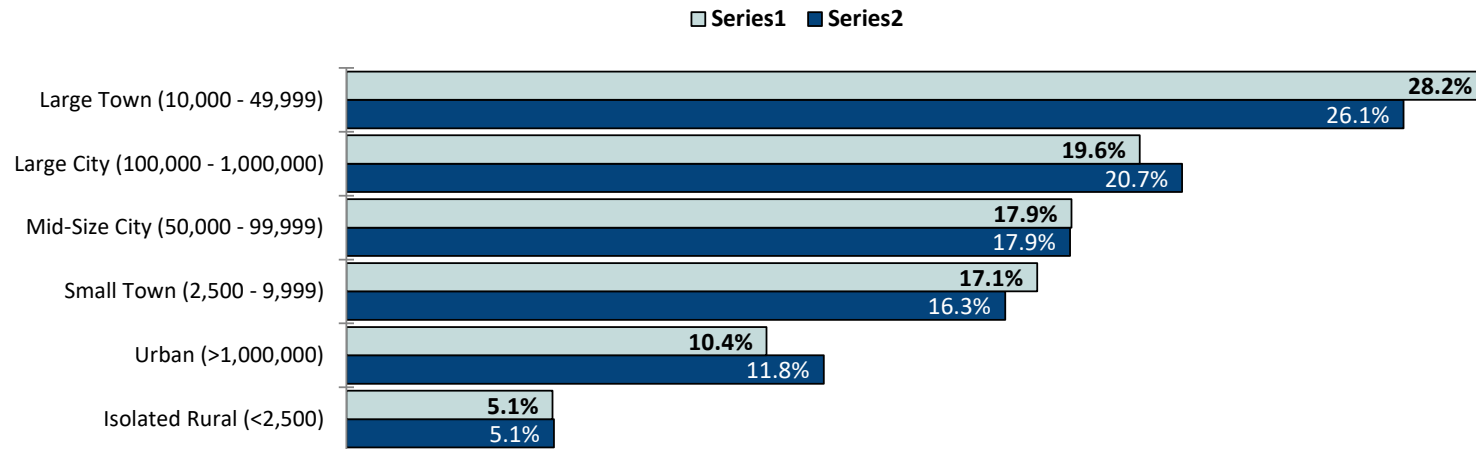
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## Chart 13: HRSA Indicators

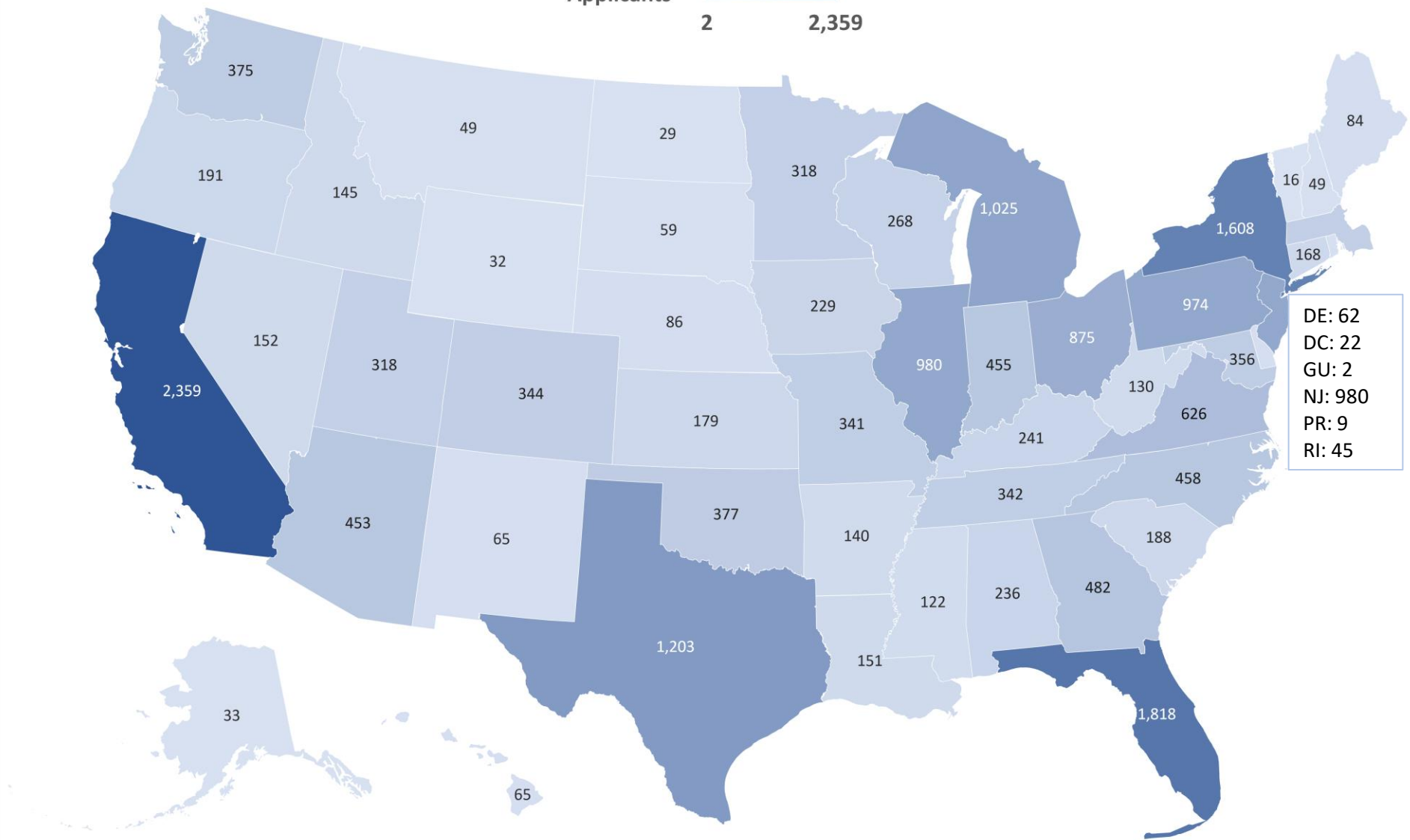


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## Figure 14: HRSA Geographic Region



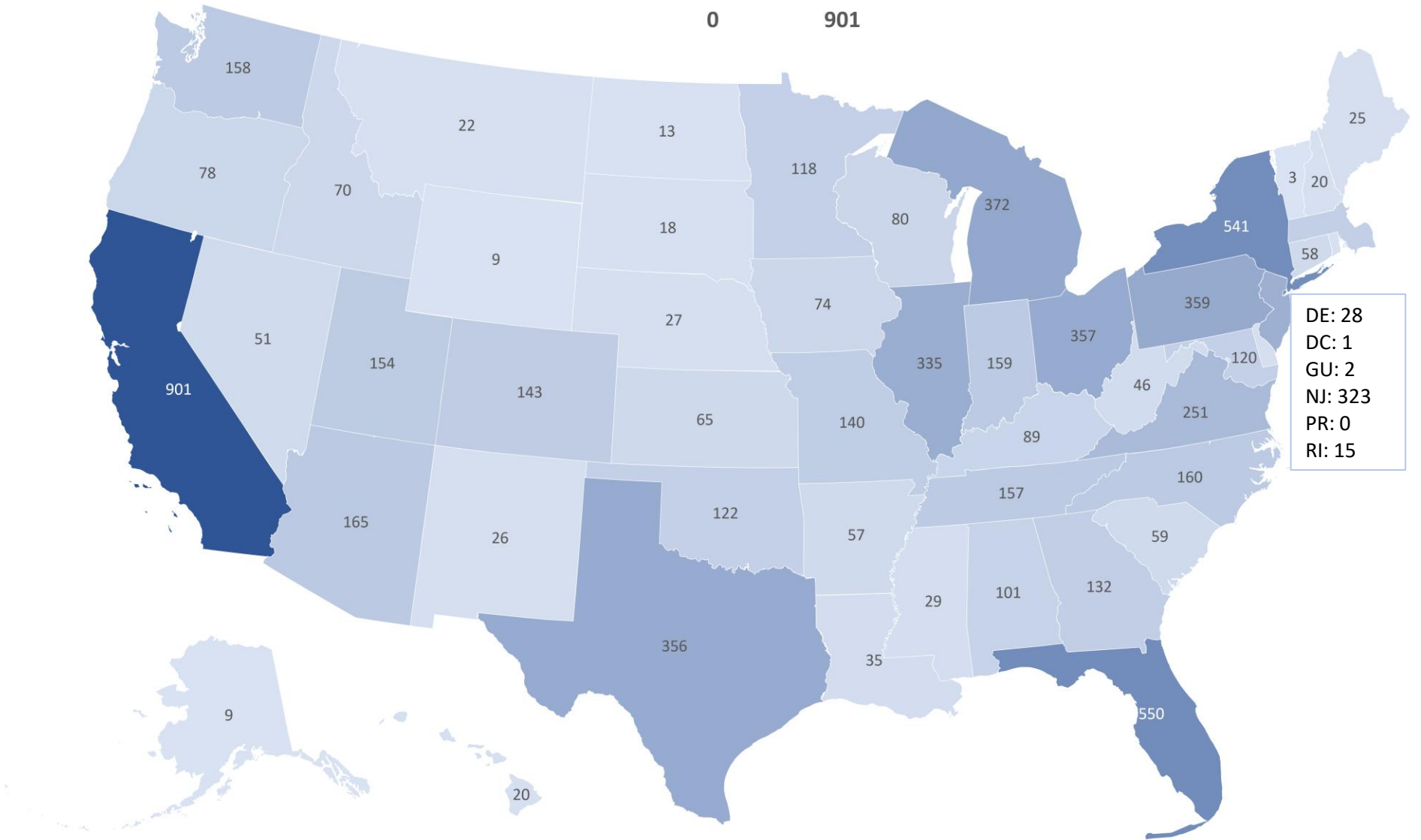
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Matriculants 0 901



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