

AACOMAS 2008 Matriculants Comparative Data Analysis

Enclosed are summary tables of the 2008 matriculants for matriculants to your college and comparative data for all matriculants. The tables are based on the list of matriculants each COM supplied to AACOM in the fall of 2008. Matriculant data were matched to the applicant data supplied to AACOMAS during the application process and of the 4,575 matriculants whose names and other identifying data we received from the COMs almost all (4,558) matriculants applied through AACOMAS. Only 17 matriculants did not apply through AACOMAS and these were generally applicants who applied directly from other programs at the COM. Of the 4,558 matriculants who applied through AACOMAS, 186 applied in earlier years and deferred their matriculation to the COM; 20 matriculants applied in 2006, and 166 matriculants applied in 2007. Three matriculants applied early in the 2009 application cycle and matriculated into the entering class of 2008 and the remaining 4,369 matriculants applied in 2008. The tables include the following data for all matriculants who applied through AACOMAS (4,558) except where stated:

- MCAT scores – AACOMAS received MCAT score data for most applicants. In cases where we received more than one set of scores for a particular applicant we have included the set with the highest total score. At the bottom of the table we have indicated the number of matriculants for whom we received MCAT data. We have provided means, standard deviations and medians for each section of the MCAT as well as total MCAT and mean scores. The median MCAT scores are calculated over all the individual scores and therefore the median of the total is the median of all the individual total MCAT scores .
- GPA – AACOMAS may calculate up to three sets of GPAs for each applicant – undergraduate only, undergraduate and post-baccalaureate, and all course work -- although in many cases there is no difference among them. We have provided means and standard deviations for both the science and the non-science GPA as well as the overall GPA. We have indicated at the bottom of the table the number of matriculants for whom we received grades. The GPA may not include final semester grades collected by the colleges.
- Gender – Full data are available for all AACOMAS applicants.
- Citizenship status – Status is that at the time of application.
- Race and ethnicity – Applicants respond to ethnicity and race questions however they choose; they may make multiple selections or no selections. Ethnicity and race responses do not include the matriculants who applied to AACOMAS in 2006 due to the change in the structure of the survey questionnaire for this question starting in 2007.
- Age – Age data are classified into six age groups based on matriculant age as of 7/1/2008. We have also provided minimum and maximum matriculant ages.
- Family member is a DO or MD - Full data are available for all AACOMAS applicants.
- Country and state of permanent residence - Full data are available for all AACOMAS applicants
- Baccalaureate major – We have grouped all majors that were reported as part of a baccalaureate degree into five groups: Life Sciences, Social Sciences (incl. Psychology & Education), Physical Sciences (incl. Mathematics & Engineering), Arts & Humanities and Other. The number of majors may be greater than the number of matriculants given that some matriculants study more than one major.
- Feeder colleges providing the largest number of matriculants. We have listed all colleges that provided five or more matriculants to each COM but no more than the top 10 feeder colleges.

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AACOMAS 2008 Matriculant Profile

2008 Matriculants - based on COM admissions data

4,575

Matriculants who did not apply through AACOMAS

17

2006 AACOMAS applicants

20

2007 AACOMAS applicants

166

2008 AACOMAS applicants

4,369

2009 AACOMAS applicants

3

All AACOMAS applicants

4,558

Gender

Female

2,142

Male

2,416

% of matriculants

47.0%

53.0%

All AACOMAS Matriculants

4,558

100%

Age

20 and younger

33

% of respondents

0.7%

21-25

3,411

75.3%

26-30

821

18.1%

31-40

231

5.1%

41-50

32

0.7%

51 and older

3

0.07%

Total non-respondents

27

Total respondents

4,531

Minimum age

20 years

Maximum age

57 years

Report family member is a

DO or MD

Yes

1,613

No

2,945

35.4%

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AACOMAS 2008 Matriculant Profile

<u>Citizenship status</u>	Number	% of matriculants
U S citizen	4,366	95.8%
Temporary resident	8	0.2%
Permanent resident	145	3.2%
Non-resident (at time of application)	39	0.9%

All AACOMAS Matriculants 4,558 100.0%

<u>Race/Ethnicity</u>	Number	% of respondents
<i>Multiple designations allowed</i>		
Ethnicity:	267	6.4%
Race:	19	0.5%
Hispanic/Latino	759	18.1%
Native American	108	2.6%
Asian	4	0.1%
African American	2,940	70.2%
Pacific Islander	91	2.2%
White		
Multiple races		
Unknown	370	

Total respondents 4,188 91.9%
 Potential respondents 4,558

Note: Starting in 2007 there was a change in the structure of the survey questionnaire for this question that allowed respondents to make multiple race/ethnicity selections or no selections.



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AACOMAS 2008 Matriculant Profile

Country of permanent residence

Canada	17
China	1
Kenya	1
Nigeria	1
Surinam	1
Taiwan	1
United Kingdom	1
United States	4,535

All AACOMAS Matriculants

4,558



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AACOMAS 2008 Matriculant Profile

<u>MCAT Scores</u>		Physical Science		Biological Science		Total	Mean
Mean	8.59	8.40	9.13	1.77	1.77	26.11	8.70
SD	1.77	1.77	1.77	1.77	1.77	1.77	1.77
Median	9.00	8.00	9.00	9.00	9.00	26.00	8.67

Note: The median MCAT total and mean scores are calculated based on the individual app.

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AACOMAS 2008 Matriculant Profile

Distribution of writing scores

Score	Number	%
J	9	0.2%
K	73	1.7%
L	256	5.9%
M	1,041	23.8%
N	494	11.3%
O	716	16.4%
P	510	11.7%
Q	774	17.7%
R	350	8.0%
S	126	2.9%
T	17	0.4%
X	2	0.0%

GPA

Mean 4 year FR - SR

Science	Non-science	Overall
3.35	3.57	3.46

SD

Mean Undergrad FR-SR, PB

0.38	0.29	0.29
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SD

Mean All including graduate

3.38	3.57	3.47
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SD

0.33	0.29	0.27
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3.39	3.58	3.48
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SD

0.32	0.28	0.26
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MCAT calculated on data from 4,360 sets of scores.

GPA calculated on data from 4,543 sets of data.

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AACOMAS 2008 Matriculant Profile

<u>US States and territories</u>	<u>State (or other) of permanent residence</u>
<u>Number</u>	<u>% of US residents</u>
Alabama	0.6%
Alaska	0.3%
Arkansas	0.1%
Arizona	2.3%
California	10.6%
Colorado	2.3%
Connecticut	0.9%
Delaware	0.2%
District of Columbia	0.1%
Florida	5.5%
Georgia	1.8%
Hawaii	0.2%
Iowa	1.8%
Idaho	0.9%
Illinois	4.8%
Indiana	1.5%
Kansas	1.8%
Kentucky	1.4%
Louisiana	0.3%
Massachusetts	1.1%
Maryland	1.3%
Maine	0.6%
Michigan	6.9%
Minnesota	1.7%
Missouri	2.7%
Mississippi	0.2%
Montana	0.4%
North Carolina	1.4%
North Dakota	0.3%
Nebraska	0.6%
New Hampshire	0.4%
New Jersey	4.4%

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AACOMAS 2008 Matriculant Profile

<u>US States and territories</u>	<u>State (or other) of permanent residence</u>	<u>Number</u>	<u>% of US residents</u>
New Mexico		9	0.2%
Nevada		23	0.5%
New York		421	9.3%
Ohio		211	4.7%
Oklahoma		83	1.8%
Oregon		47	1.0%
Pennsylvania		357	7.9%
Rhode Island		10	0.2%
South Carolina		18	0.4%
South Dakota		11	0.2%
Tennessee		94	2.1%
Texas		119	2.6%
Utah		121	2.7%
Virginia		96	2.1%
Virgin Islands		2	0.0%
Vermont		6	0.1%
Washington		83	1.8%
Wisconsin		60	1.3%
West Virginia		67	1.5%
Wyoming		5	0.1%
Military 960-966		1	0.0%
All U.S. AACOMAS Matriculants		4,535	

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Baccalaureate Majors Studied by Matriculants and the Ranked Feeder

AACOMAS 2008 Matriculant Profile

<u>Baccalaureate Degree Major</u>	Number of Degrees Received by Matriculants	%
Life Sciences	3,422	73%
Social Sciences (incl. Psychology & Education)	428	9%
Physical Sciences (incl. Mathematics & Engineering)	353	8%
Arts & Humanities	227	5%
Other	271	6%

Baccalaureate Degree Granting Institution

	Number of Degrees Received by Matriculants	%
Penn State University Park	69	1.5%
University of Scranton, The	16	0.3%
University of Pittsburgh, Pittsburgh Campus	31	0.7%
Allegheny College	21	0.4%
Drexel University	16	0.3%
Gannon University	12	0.3%
Muhlenberg College	10	0.2%
West Chester University of Pennsylvania	8	0.2%
Ursinus College	10	0.2%
Villanova University	19	0.4%
Lehigh University	11	0.2%
Saint Josephs University - Philadelphia	10	0.2%
Temple University	10	0.2%
University of Delaware	14	0.3%
University of Rochester	21	0.4%

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