

OAT Optometry
Admission Test

A SERVICE OF
ASCO ASSOCIATION of
SCHOOLS and COLLEGES
of OPTOMETRY

Optometry Admission Test (OAT)

Examinee Information Report

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Introduction

The reports published by the Optometry Admission Test (OAT) Program are intended to provide communities of interest with validity information on the OAT, as well as information on test administration and examinee demographic trends. Communities of interest include educators, practitioners, state and federal agencies, and many others.

The *OAT Examinee General Information Report* provides general demographic information on individuals who attempted the OAT between January 2019 and December 2023. Trend tables on the following pages provide information about examinees over this five-year period. With the exception of the rows labeled “Non-Respondents,” the percentage presented in each cell reflects that associated with respondents only (i.e., the percentage of individuals who provided the response indicated, out of the total number of individuals who responded to the question). For rows labeled “Non-Respondents,” the percentage in each cell reflects the percentage of non-respondents relative to the total number of examinees who completed the OAT. Optometry schools may find this information useful as they review their admission procedures. For more detailed information regarding OAT performance, please refer to the *Optometry Admission Test User Guide*.

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Part One

Demographic Information

Table 1
Examinees by Gender
As Percentage of Total Respondents
2019-2023

	2019	2020	2021	2022	2023
Female	72.6%	71.9%	72.5%	72.3%	74.1%
Male	27.4%	28.1%	27.5%	27.7%	25.9%
Respondents	2,949	2,504	2,837	2,792	2,867
Total	2,969	2,524	2,862	2,819	2,890
Non-Respondents	0.7%	0.8%	0.9%	1.0%	0.8%

* Columns may not add to 100.0 because some figures have been rounded.

Figure 1
Examinees by Gender
As Percentage of Respondents
2019-2023

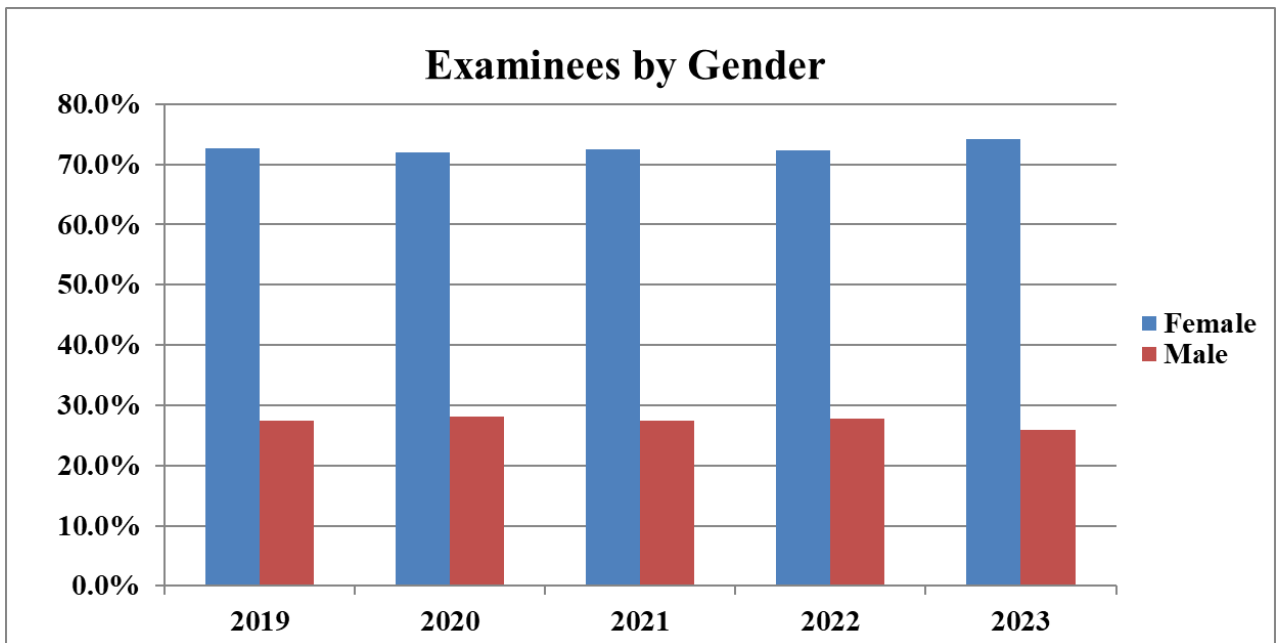


Table 2A
 Examinees by Ethnic Identification
 As Percentage of Total Respondents
 2019-2023

	2019	2020	2021	2022	2023
American Indian or Alaskan Native	0.4%	0.5%	0.8%	0.5%	0.8%
Asian	33.9%	32.5%	34.6%	35.2%	32.5%
Black or African American	5.1%	5.5%	5.4%	4.4%	4.1%
Hispanic	2.2%	2.7%	2.3%	2.0%	2.2%
Native Hawaiian/Other Pacific Islander	0.3%	0.2%	0.2%	0.4%	0.2%
White	47.5%	48.3%	45.1%	45.6%	47.1%
Multi-Ethnic	10.6%	10.2%	11.7%	11.9%	13.0%
Respondents	2,887	2,479	2,794	2,747	2,830
Total	2,969	2,524	2,862	2,819	2,890
Non-Respondents	2.8%	1.8%	2.4%	2.6%	2.1%

* Columns may not add to 100.0 because some figures have been rounded.

Table 2B
 Multi-Ethnic Examinees
 2019-2023

	2019	2020	2021	2022	2023
American Indian or Alaskan Native	4.9%	8.7%	5.2%	7.7%	5.2%
Asian	17.0%	16.2%	11.0%	9.8%	14.9%
Black or African American	10.8%	5.9%	8.6%	6.4%	8.7%
Hispanic	81.0%	83.4%	84.4%	88.0%	85.3%
Native or Other Pacific Islander	3.9%	1.6%	2.4%	2.1%	3.8%
White	88.9%	87.4%	90.2%	87.4%	84.0%
Total	306	253	327	326	368

Figure 2
 Examinees by Ethnic Identification
 2019-2023

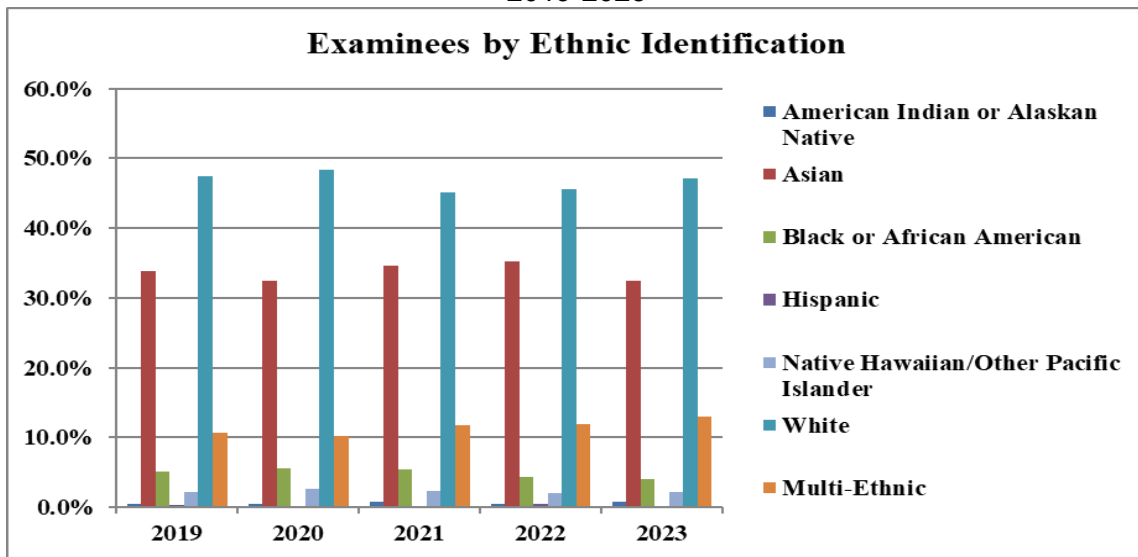


Table 3
Examinees by Ethnic Identification and Gender
As Percentage of Total Respondents
2023

	American Indian or Alaskan Native	Asian	Black or African American	Hispanic	Native Hawaiian/ Other Pacific Islander	White	Multi-Ethnic	Ethnicity Not Provided	Total
Female	58.3%	76.6%	78.4%	77.4%	100.0%	71.9%	75.3%	68.1%	2,125
Male	41.7%	23.4%	21.6%	22.6%	0.0%	28.1%	24.7%	31.9%	742
Respondents	24	916	116	62	6	1,328	368	47	2,867
Total*	24	919	117	62	6	1,334	368	60	2,890
Non-Respondents	0.0%	0.3%	0.9%	0.0%	0.0%	0.4%	0.0%	21.7%	23

* Total represents the number of individuals in each category. Columns may not add to 100.0 because some figures have been rounded.

Table 4
Population of Examinees' Hometown During High School
As Percentage of Total Respondents
2019-2023

	2019	2020	2021	2022	2023
Farm	1.4%	1.3%	1.4%	1.5%	1.4%
Under 2,500	8.0%	9.8%	8.3%	9.1%	9.1%
2,500 to 24,999	30.7%	30.0%	27.4%	29.2%	28.0%
25,000 to 99,999	27.0%	27.7%	29.4%	28.6%	28.3%
100,000 to 1,000,000	24.1%	24.2%	24.8%	23.3%	25.4%
Over 1,000,000	8.7%	6.9%	8.8%	8.2%	7.7%
Respondents	1,666	1,903	2,176	2,155	2,152
Total	2,969	2,524	2,862	2,819	2,890
Non-Respondents	43.9%	24.6%	24.0%	23.6%	25.5%

* Columns might not add to 100.0 because some figures have been rounded.

Table 5
Occupations of Examinees' Fathers
As Percentage of Total Respondents
2019-2023

	2019	2020	2021	2022	2023
Accountant	2.9%	2.3%	1.8%	2.7%	2.1%
Computer Analyst/Programmer	5.3%	5.0%	4.8%	5.6%	5.5%
Dentist	0.7%	1.0%	1.1%	0.8%	1.0%
Executive	3.2%	2.9%	3.3%	2.8%	3.0%
Farmer	1.5%	1.5%	1.8%	1.1%	1.5%
Homemaker	0.5%	0.5%	0.7%	0.7%	0.3%
Lawyer	2.0%	1.4%	1.1%	0.8%	0.8%
Nurse/Therapist	0.7%	0.8%	1.3%	0.9%	0.9%
Optometrist	3.6%	4.2%	3.7%	3.7%	3.9%
Owner or Manager	11.8%	12.1%	12.7%	12.7%	13.4%
Physician	3.9%	2.8%	3.2%	2.8%	3.1%
Salesman	4.6%	4.5%	4.0%	4.4%	4.3%
Skilled Tradesman	7.6%	8.6%	9.0%	10.0%	8.4%
Teacher	2.7%	4.5%	4.1%	3.3%	3.3%
Unskilled Worker	4.7%	5.3%	5.1%	5.7%	4.4%
Other	44.4%	42.6%	42.4%	42.1%	44.2%
Respondents	1,480	1,651	1,840	1,805	1,832
Total	2,969	2,524	2,862	2,819	2,890
Non-Respondents	50.2%	34.6%	35.7%	36.0%	36.6%

* Columns might not add to 100.0 because some figures have been rounded.

Table 6
Occupations of Examinees' Mothers
As Percentage of Total Respondents
2019-2023

	2019	2020	2021	2022	2023
Accountant	4.8%	4.6%	4.4%	3.8%	4.4%
Computer Analyst/Programmer	2.2%	1.7%	1.2%	1.4%	1.5%
Dentist	0.9%	0.5%	0.4%	0.4%	0.5%
Executive	1.2%	1.2%	1.5%	1.4%	1.4%
Farmer	0.3%	0.1%	0.4%	0.3%	0.1%
Homemaker	10.5%	9.2%	7.4%	9.8%	9.1%
Lawyer	0.3%	0.2%	0.4%	0.4%	0.6%
Nurse/Therapist	8.3%	7.0%	7.7%	7.2%	7.6%
Optometrist	1.6%	1.7%	1.6%	1.8%	2.5%
Owner or Manager	7.0%	7.4%	8.6%	7.3%	7.6%
Physician	1.5%	1.9%	1.2%	1.9%	1.9%
Salesman	1.6%	1.3%	2.1%	1.8%	1.8%
Skilled Tradesman	1.3%	1.4%	1.5%	1.3%	1.3%
Teacher	11.5%	13.5%	11.9%	12.9%	11.3%
Unskilled Worker	4.4%	4.4%	5.3%	5.4%	4.8%
Other	42.6%	43.7%	44.3%	43.0%	43.7%
Respondents	1,492	1,663	1,854	1,827	1,837
Total	2,969	2,524	2,862	2,819	2,890
Non-Respondents	49.7%	34.1%	35.2%	35.2%	36.4%

* Columns might not add to 100.0 because some figures have been rounded.

Table 7
Educational Attainment of Examinees' Fathers
As Percentage of Total Respondents
2019-2023

	2019	2020	2021	2022	2023
Graduate Degree	28.3%	26.6%	27.1%	25.2%	25.8%
Some Graduate School	1.9%	1.7%	1.3%	1.6%	1.9%
Baccalaureate Degree	24.1%	25.5%	25.4%	25.8%	27.2%
Some College	18.4%	18.5%	18.7%	17.9%	18.2%
High School Graduate	18.3%	19.2%	16.7%	18.4%	17.3%
Some High School	5.5%	5.2%	7.2%	6.8%	6.4%
Elementary Education	3.5%	3.3%	3.6%	4.3%	3.1%
Respondents	1,500	1,720	1,918	1,893	1,908
Total	2,969	2,524	2,862	2,819	2,890
Non-Respondents	49.5%	31.9%	33.0%	32.8%	34.0%

* Columns might not add to 100.0 because some figures have been rounded.

Table 8
Educational Attainment of Examinees' Mothers
As Percentage of Total Respondents
2019-2023

	2019	2020	2021	2022	2023
Graduate Degree	22.8%	24.9%	24.1%	24.0%	25.1%
Some Graduate School	2.4%	2.1%	2.1%	1.9%	2.1%
Baccalaureate Degree	29.5%	28.3%	28.9%	30.0%	30.0%
Some College	18.6%	20.6%	19.8%	19.6%	18.2%
High School Graduate	19.2%	16.9%	16.7%	15.9%	16.9%
Some High School	4.3%	4.5%	5.2%	5.4%	4.3%
Elementary Education	3.3%	2.7%	3.2%	3.3%	3.3%
Respondents	1,523	1,741	1,940	1,930	1,921
Total	2,969	2,524	2,862	2,819	2,890
Non-Respondents	48.7%	31.0%	32.2%	31.5%	33.5%

* Columns may not add to 100.0 because some figures have been rounded.

Table 9
English as the Primary Language Spoken in the Home, by Ethnicity
As Percentage of Total Respondents
2023

English Language	American Indian or Alaskan Native	Asian	Black or African American	Hispanic	Native Hawaiian /Other Pacific Islander	White	Multi-Ethnic	Ethnicity Not Provided	Total
Yes	100.0%	74.3%	94.0%	65.6%	66.7%	93.0%	73.3%	73.3%	2,370
No	0.0%	25.7%	6.0%	34.4%	33.3%	7.0%	26.7%	26.7%	460
Respondents	23	899	116	61	6	1,328	367	30	2,830
Total*	24	919	117	62	6	1,334	368	60	2,890
Non-Respondents	4.2%	2.2%	0.9%	1.6%	0.0%	0.4%	0.3%	50.0%	60

* Total represents the number of individuals in each category. Percentages are totaled vertically. Columns might not add to 100.0 because some figures have been rounded.

Table 10
 Educational Attainment of Examinees' Fathers by Ethnic Identification
 As Percentage of Total Respondents
 2023

	American Indian or Alaskan Native	Asian	Black or African American	Hispanic	Native Hawaiian/ Other Pacific Islander	White	Multi-Ethnic	Missing Ethnicity	Total
Graduate Degree	26.3%	26.3%	25.8%	6.8%	0.0%	29.2%	13.6%	38.1%	492
Some Graduate School	0.0%	3.0%	1.6%	0.0%	33.3%	1.6%	1.2%	0.0%	36
Baccalaureate Degree	26.3%	21.6%	17.7%	9.1%	33.3%	33.2%	19.6%	33.3%	519
Some College	36.8%	18.6%	19.4%	15.9%	0.0%	17.8%	17.6%	23.8%	348
High School Graduate	10.5%	17.0%	21.0%	29.5%	33.3%	15.1%	25.2%	4.8%	331
Some High School	0.0%	9.7%	14.5%	18.2%	0.0%	2.8%	11.6%	0.0%	123
Elementary Education	0.0%	3.8%	0.0%	20.5%	0.0%	0.3%	11.2%	0.0%	59
Respondents	19	505	62	44	3	1,004	250	21	1,908
Total*	24	919	117	62	6	1,334	368	60	2,890
Non-Respondents	20.8%	45.0%	47.0%	29.0%	50.0%	24.7%	32.1%	65.0%	982

* Totals represents the number of individuals in each category. Percentages are totaled vertically. Columns might not add to 100.0 because some figures have been rounded.

Table 11
 Educational Attainment of Examinees' Mothers by Ethnic Identification
 As Percentage of Total Respondents
 2023

	American Indian or Alaskan Native	Asian	Black or African American	Hispanic	Native Hawaiian/ Other Pacific Islander	White	Multi-Ethnic	Missing Ethnicity	Total
Graduate Degree	21.1%	21.6%	27.5%	10.6%	0.0%	29.3%	17.6%	35.0%	483
Some Graduate School	5.3%	2.8%	5.8%	4.3%	33.3%	1.8%	0.4%	0.0%	41
Baccalaureate Degree	36.8%	21.4%	18.8%	10.6%	0.0%	37.3%	23.0%	55.0%	577
Some College	31.6%	17.8%	24.6%	12.8%	33.3%	17.8%	19.5%	5.0%	349
High School Graduate	5.3%	24.6%	14.5%	23.4%	33.3%	12.2%	21.1%	5.0%	324
Some High School	0.0%	6.9%	7.2%	21.3%	0.0%	1.3%	7.8%	0.0%	83
Elementary Education	0.0%	5.0%	1.4%	17.0%	0.0%	0.3%	10.5%	0.0%	64
Respondents	19	505	69	47	3	1,002	256	20	1,921
Total*	24	919	117	62	6	1,334	368	60	2,890
Non-Respondents	20.8%	45.0%	41.0%	24.2%	50.0%	24.9%	30.4%	66.7%	969

* Total represents the number of individuals in each category. Percentages are totaled vertically. Columns might not add to 100.0 because some figures have been rounded.

Table 12
Examinee Distribution by State
2023

State	Number	% Of Total	State	Number	% Of Total
AK	3	0.12	MT	10	0.41
AL	37	1.53	NC	54	2.24
AR	21	0.87	ND	13	0.54
AZ	30	1.24	NE	16	0.66
CA	352	14.59	NH	7	0.29
CO	14	0.58	NJ	83	3.44
CT	18	0.75	NM	7	0.29
DC	1	0.04	NV	13	0.54
DE	5	0.21	NY	145	6.01
FL	186	7.71	OH	78	3.23
GA	48	1.99	OK	45	1.86
HI	22	0.91	OR	24	0.99
IA	26	1.08	PA	76	3.15
ID	11	0.46	PR	18	0.75
IL	117	4.85	RI	9	0.37
IN	59	2.45	SC	17	0.70
KS	31	1.28	SD	12	0.50
KY	48	1.99	TN	63	2.61
LA	30	1.24	TX	251	10.40
MA	34	1.41	UT	19	0.79
MD	29	1.20	VA	51	2.11
ME	6	0.25	VT	1	0.04
MI	83	3.44	WA	38	1.57
MN	39	1.62	WI	24	0.99
MO	41	1.70	WV	15	0.62
MS	28	1.16	WY	5	0.21

Part Two

Self-Reported Academic and Financial Information

Table 13
Amount of Pre-Optometry Education Completed at Time of Examination
As Percentage of Total Respondents
2019-2023

	2019	2020	2021	2022	2023
0-30 semester hours	0.3%	0.2%	0.1%	0.1%	0.0%
31-60 semester hours	2.2%	3.2%	2.8%	2.4%	2.9%
61-90 semester hours	12.8%	16.3%	15.3%	15.7%	14.2%
91-120 semester hours	45.4%	45.0%	44.7%	43.7%	42.3%
Baccalaureate degree	37.1%	34.2%	35.7%	37.0%	38.9%
Advanced degree	2.1%	1.2%	1.3%	1.1%	1.6%
Respondents	1,637	1,899	2,216	2,166	2,206
Total	2,969	2,524	2,862	2,819	2,890
Non-Respondents	44.9%	24.8%	22.6%	23.2%	23.7%

Columns might not add to 100.0 because some figures have been rounded.

Table 14
Examinees' Self-Reported Percentile Rank in High School
As a Percentage of Total Respondents
2019-2023

Percentile	2019	2020	2021	2022	2023
80 th or higher	76.8%	82.6%	82.2%	83.9%	84.3%
60 th to 79 th	11.1%	9.7%	10.4%	9.8%	9.3%
40 th to 59 th	5.3%	2.5%	2.9%	2.7%	2.9%
20 th to 39 th	3.1%	3.3%	2.8%	2.2%	1.6%
Below 20 th	3.7%	2.0%	1.6%	1.5%	2.0%
Respondents	1,597	1,775	2,001	1,987	1,963
Total	2,969	2,524	2,862	2,819	2,890
Non-Respondents	46.2%	29.7%	30.1%	29.5%	32.1%

Columns might not add to 100.0 because some figures have been rounded.

Table 15
 Examinees' Self-Reported Cumulative College GPA
 As a Percentage of Total Respondents
 2019-2023

GPA*	2019	2020	2021	2022	2023
3.6 - 4.0	39.0%	39.4%	44.0%	46.9%	50.2%
3.1 - 3.5	45.8%	46.9%	42.9%	41.7%	40.1%
2.6 - 3.0	13.6%	12.7%	12.2%	10.6%	8.9%
2.0 - 2.5	1.7%	1.1%	1.0%	0.8%	0.8%
1.0 - 1.9	0.0%	0.0%	0.0%	0.0%	0.0%
Respondents	1,630	1,895	2,188	2,144	2,191
Total	2,969	2,524	2,862	2,819	2,890
Non-Respondents	45.1%	24.9%	23.5%	23.9%	24.2%

* GPA – grade point average. Columns might not add to 100.0 because some figures have been rounded.

Table 16
 Examinees' Self-Reported Cumulative College Science GPA
 As a Percentage of Total Respondents
 2019-2023

Science GPA*	2019	2020	2021	2022	2023
3.6 - 4.0	30.5%	31.7%	34.9%	39.5%	40.7%
3.1 - 3.5	43.1%	44.7%	42.7%	42.9%	41.2%
2.6 - 3.0	22.7%	20.4%	20.1%	15.9%	16.1%
2.0 - 2.5	3.6%	3.0%	2.3%	1.6%	2.0%
1.0 - 1.9	0.1%	0.1%	0.0%	0.0%	0.1%
Respondents	1,582	1,783	2,054	2,026	2,044
Total	2,969	2,524	2,862	2,819	2,890
Non-Respondents	46.7%	29.4%	28.2%	28.1%	29.3%

* GPA – grade point average. Columns might not add to 100.0 because some figures have been rounded.

Table 17
 Examinees' Extracurricular Activities*
 As a Percent of Total Respondents
 2019-2023

Activity	2019	2020	2021	2022	2023
Athletics	63.7%	67.5%	66.2%	63.7%	65.0%
Art/Crafts	14.9%	21.0%	22.7%	21.7%	21.3%
Community Service	81.8%	82.6%	79.8%	79.1%	75.8%
Debate/Writing	8.6%	10.0%	8.9%	8.5%	8.2%
Drama/Dance	19.9%	20.0%	21.3%	19.9%	20.0%
Health Services	37.5%	38.1%	39.8%	36.2%	35.9%
Music	35.7%	36.5%	36.5%	34.1%	34.5%
Political Group	3.0%	3.0%	2.5%	3.1%	3.0%
Sorority/Fraternity	9.7%	6.9%	7.2%	7.8%	5.8%
Student Government	22.6%	21.6%	23.1%	21.6%	23.8%
Other	27.6%	25.6%	27.5%	24.9%	23.3%
Respondents	1,771	1,944	2,258	2,303	2,374
Total	2,969	2,524	2,862	2,819	2,890
Non-Respondents	40.4%	23.0%	21.1%	18.3%	17.9%

*Examinees could select more than one activity.

Table 18
Examinees' College Major
As Percentage of Total Respondents
2019-2023

Major	2019	2020	2021	2022	2023
Anthropology	0.3%	0.3%	0.3%	0.1%	0.2%
Biochemistry	5.6%	4.8%	4.7%	5.1%	3.9%
Biology	55.3%	58.5%	55.2%	56.5%	54.9%
Business	1.1%	0.8%	1.1%	0.8%	0.7%
Chemistry	2.8%	2.3%	2.4%	1.9%	2.5%
Economics	0.4%	0.1%	0.3%	0.3%	0.0%
Education	0.1%	0.2%	0.1%	0.3%	0.1%
Engineering	0.5%	0.8%	0.9%	0.6%	0.9%
Fine and Applied Arts	0.4%	0.1%	0.1%	0.2%	0.2%
History	0.1%	0.2%	0.2%	0.2%	0.1%
Languages Literature	0.4%	0.3%	0.3%	0.0%	0.0%
Mathematics/Computer Science	0.6%	0.4%	0.2%	0.2%	0.3%
Medical Technician	0.3%	0.2%	0.1%	0.0%	0.1%
Microbiology	1.7%	1.4%	1.2%	1.5%	1.3%
Nursing	0.1%	0.0%	0.1%	0.1%	0.2%
Pre-Medical	7.2%	6.5%	7.5%	7.0%	7.3%
Pre-Dental	0.1%	0.1%	0.0%	0.0%	0.0%
Pharmacy	0.1%	0.2%	0.1%	0.1%	0.1%
Physics	0.0%	0.0%	0.0%	0.2%	0.3%
Physiology	1.7%	1.6%	1.7%	2.0%	1.8%
Psychology	3.6%	3.6%	4.8%	4.5%	4.9%
Social Sciences	0.6%	0.6%	0.6%	0.6%	0.6%
Zoology	0.1%	0.1%	0.3%	0.1%	0.2%
Other	17.2%	17.4%	18.1%	17.7%	19.4%
Respondents	1,685	1,988	2,317	2,256	2,325
Total	2,969	2,524	2,862	2,819	2,890
Non-Respondents	43.2%	21.2%	19.0%	20.0%	19.6%

Columns might not add to 100.0 because some figures have been rounded.

Table 19
 Combined Annual Income of Examinees' Parents
 As Percentage of Total Respondents
 2019-2023

Income	2019	2020	2021	2022	2023
Less than \$10,000	1.5%	2.6%	2.0%	1.9%	1.5%
\$10,000 - \$19,999	3.3%	2.5%	2.0%	2.4%	1.4%
\$20,000 - \$29,999	4.6%	4.0%	4.9%	4.3%	3.6%
\$30,000 - \$39,999	5.0%	4.8%	6.2%	5.4%	4.3%
\$40,000 - \$49,999	6.6%	6.0%	6.2%	5.6%	4.8%
\$50,000 - \$59,999	6.5%	6.2%	5.6%	6.1%	5.1%
\$60,000 - \$69,999	9.5%	7.8%	8.4%	9.1%	7.8%
\$70,000 - \$100,000	19.9%	23.2%	21.3%	20.0%	22.1%
Above \$100,000	43.1%	43.0%	43.5%	45.1%	49.3%
Respondents	1,370	1,460	1,641	1,616	1,595
Total	2,969	2,524	2,862	2,819	2,890
Non-Respondents	53.9%	42.2%	42.7%	42.7%	44.8%

Columns might not add to 100.0 because some figures have been rounded.

Table 20
 Combined Annual Income of Examinees' Parents by Ethnic Identification
 As a Percentage of Total Respondents
 2023

Income	American Indian or Alaskan Native	Asian	Black or African American	Hispanic	Native Hawaiian/ Other Pacific Islander	White	Multi-Ethnic	Ethnicity Not Provided	Total
Less than \$10,000	7.7%	1.6%	0.0%	0.0%	50.0%	1.0%	3.3%	0.0%	24
\$10,000 - \$19,999	0.0%	2.1%	3.4%	2.9%	0.0%	0.6%	2.8%	0.0%	23
\$20,000 - \$29,999	7.7%	4.9%	6.9%	14.7%	0.0%	1.7%	5.7%	0.0%	57
\$30,000 - \$39,999	0.0%	5.2%	12.1%	26.5%	0.0%	2.1%	4.7%	20.0%	68
\$40,000 - \$49,999	7.7%	7.7%	6.9%	2.9%	0.0%	2.4%	8.0%	10.0%	77
\$50,000 - \$59,999	0.0%	6.3%	5.2%	8.8%	0.0%	3.3%	9.9%	0.0%	82
\$60,000 - \$69,999	7.7%	9.6%	12.1%	14.7%	50.0%	6.7%	6.6%	0.0%	125
\$70,000 - \$100,000	15.4%	23.7%	27.6%	11.8%	0.0%	20.4%	26.4%	20.0%	352
Above \$100,000	53.8%	38.9%	25.9%	17.6%	0.0%	61.9%	32.5%	50.0%	787
Respondents	13	427	58	34	2	839	212	10	1,595
Total*	24	919	117	62	6	1,334	368	60	2,890
Non-Respondents	45.8%	53.5%	50.4%	45.2%	66.7%	37.1%	42.4%	83.3%	1,295

* Total represents the number of respondents in each category. Percentages are totaled vertically. Columns might not add to 100.0 because some figures have been rounded.

Table 21
 Estimated Financial Indebtedness of Examinees at Time of Matriculation
 As Percentage of Total Respondents
 2019-2023

	2019	2020	2021	2022	2023
None	45.6%	48.3%	51.0%	52.2%	51.7%
\$1 to \$4,999	8.9%	6.4%	6.4%	5.5%	7.5%
\$5,000 to \$9,999	8.4%	7.4%	5.7%	7.0%	6.2%
\$10,000 to \$19,999	9.6%	10.9%	9.8%	9.8%	10.2%
\$20,000 to \$29,999	9.4%	11.3%	10.4%	8.6%	8.5%
\$30,000 and above	18.1%	15.7%	16.7%	16.9%	15.9%
Respondents	1,389	1,457	1,663	1,636	1,633
Total	2,969	2,524	2,862	2,819	2,890
Non-Respondents	53.2%	42.3%	41.9%	42.0%	43.5%

Columns might not add to 100.0 because some figures have been rounded.

Table 22
 Examinees' Financial Indebtedness by Ethnic Identification
 As a Percentage of Total Respondents
 2023

	American Indian or Alaskan Native	Asian	Black or African American	Hispanic	Native Hawaiian/ Other Pacific Islander	White	Multi-Ethnic	Ethnicity Not Provided	Total
None	42.9%	55.8%	35.4%	40.0%	0.0%	54.4%	41.7%	41.7%	844
\$1 to \$4,999	14.3%	6.3%	3.1%	17.1%	0.0%	7.0%	11.2%	8.3%	123
\$5,000 to \$9,999	0.0%	5.3%	7.7%	11.4%	0.0%	6.3%	6.7%	0.0%	101
\$10,000 to \$19,999	7.1%	10.5%	12.3%	14.3%	0.0%	10.0%	9.9%	8.3%	167
\$20,000 to \$29,999	14.3%	7.8%	15.4%	2.9%	50.0%	8.3%	8.1%	16.7%	138
\$30,000 and above	21.4%	14.5%	26.2%	14.3%	50.0%	13.9%	22.4%	25.0%	260
Respondents	14	400	65	35	2	882	223	12	1,633
Total*	24	919	117	62	6	1,334	368	60	2,890
Non-Respondents	41.7%	56.5%	44.4%	43.5%	66.7%	33.9%	39.4%	80.0%	1,257

* Total represents the number of individuals in each category. Columns might not add to 100.0 because some figures have been rounded. Percentages are totaled vertically.

Table 23A
 Examinees' Optometry Education Expected to Be Self-Financed*
 As a Percentage of Respondents
 2019-2023

Percent	2019	2020	2021	2022	2023
100%	2.6%	3.6%	3.9%	5.7%	6.5%
75%	3.2%	4.1%	3.3%	4.3%	4.3%
50%	10.1%	7.2%	7.6%	10.7%	9.7%
25%	31.2%	30.7%	33.6%	33.8%	31.2%
0%	53.0%	54.4%	51.7%	45.4%	48.3%
Respondents	744	691	751	718	721
Total	2,969	2,524	2,862	2,819	2,890
Non-Respondents	74.9%	72.6%	73.8%	74.5%	75.1%

*Question referred to education expenses expected to be financed by self or spouse. Columns might not add to 100.0 because some figures have been rounded.

Table 23B
 Percentage of Examinees' Optometry Education Expected to Be
 Financed by Parents
 As a Percentage of Total Respondents
 2019-2023

Percent	2019	2020	2021	2022	2023
100%	0.5%	0.0%	0.5%	0.7%	0.7%
75%	1.9%	2.2%	2.1%	2.1%	2.1%
50%	7.9%	6.2%	6.3%	5.5%	7.5%
25%	22.1%	22.4%	19.0%	21.0%	24.3%
0%	67.5%	69.3%	72.0%	70.7%	65.4%
Respondents	745	693	747	711	717
Total	2,969	2,524	2,862	2,819	2,890
Non-Respondents	74.9%	72.5%	73.9%	74.8%	75.2%

Columns might not add to 100.0 because some figures have been rounded.

Table 23C
 Percentage of Examinees' Optometry Education to Be
 Financed by Loans/Scholarships
 As Percentage of Total Respondents
 2019-2023

Percent	2019	2020	2021	2022	2023
100%	34.5%	37.5%	35.6%	31.7%	31.3%
75%	28.5%	26.8%	30.3%	28.1%	24.4%
50%	18.3%	16.9%	16.8%	17.6%	21.7%
25%	13.6%	12.0%	9.6%	12.4%	11.5%
0%	5.2%	6.8%	7.7%	10.3%	11.1%
Respondents	745	691	752	720	722
Total	2,969	2,524	2,862	2,819	2,890
Non-Respondents	74.9%	72.6%	73.7%	74.5%	75.0%

Columns might not add to 100.0 because some figures have been rounded.

Table 23D
 Percentage of Examinees' Optometry Education Expected to Be
 Financed by Other Sources
 As Percentage of Total Respondents
 2019-2023

Percent	2019	2020	2021	2022	2023
100%	0.0%	0.1%	0.3%	0.1%	0.0%
75%	0.1%	0.3%	0.3%	0.1%	0.4%
50%	0.8%	1.3%	0.8%	0.7%	0.4%
25%	7.3%	6.3%	5.5%	4.5%	4.2%
0%	91.8%	92.0%	93.2%	94.5%	94.9%
Respondents	742	687	746	709	710
Total	2,969	2,524	2,862	2,819	2,890
Non-Respondents	75.0%	72.8%	73.9%	74.8%	75.4%

Columns might not add to 100.0 because some figures have been rounded.

Table 24
 Examinees' College GPA* by Parents' Income
 As Percentage of Total Respondents
 2023

Parents' Income	Examinees' College Grade Point Average						Total
	3.6-4.0	3.1-3.5	2.6-3.0	2.0-2.5	1.0-1.9	N/A	
Less than \$10,000	0.8%	2.1%	3.6%	0.0%	0.0%	0.0%	24
\$10,000 - \$19,999	1.4%	1.4%	0.7%	0.0%	0.0%	4.3%	23
\$20,000 - \$29,999	3.1%	2.9%	7.2%	0.0%	0.0%	10.6%	57
\$30,000 - \$39,999	4.0%	4.0%	5.8%	7.7%	0.0%	6.4%	68
\$40,000 - \$49,999	4.2%	6.0%	3.6%	0.0%	0.0%	4.3%	77
\$50,000 - \$59,999	5.3%	4.1%	7.9%	0.0%	0.0%	8.5%	82
\$60,000 - \$69,999	5.5%	10.0%	11.5%	0.0%	0.0%	8.5%	125
\$70,000 - \$100,000	20.3%	24.2%	20.1%	53.8%	0.0%	19.1%	352
Above \$100,000	55.3%	45.3%	39.6%	38.5%	0.0%	38.3%	787
Respondents	767	629	139	13	0	47	1,595
Total**	1,099	878	196	18	0	699	2,890
Non-Respondents	30.2%	28.4%	29.1%	27.8%	0%	93.3%	1,295

* GPA – grade point average. Columns might not add to 100.0 because some figures have been rounded.

** Total represents the number of individuals in each category. Columns might not add to 100.0 because some figures have been rounded. Percentages are totaled vertically.

Table 25
 Examinees' College Science GPA* by Parents' Income
 As a Percentage of Respondents
 2023

Income	Examinees' Science Grade Point Average						Total
	3.6-4.0	3.1-3.5	2.6-3.0	2.0-2.5	1.0-1.9	N/A	
Less than \$10,000	0.9%	2.2%	0.8%	6.5%	0.0%	0.9%	24
\$10,000 - \$19,999	1.4%	1.8%	0.8%	0.0%	0.0%	1.9%	23
\$20,000 - \$29,999	1.9%	4.3%	4.1%	0.0%	0.0%	8.5%	57
\$30,000 - \$39,999	4.1%	3.7%	4.9%	12.9%	0.0%	4.7%	68
\$40,000 - \$49,999	4.3%	5.4%	5.3%	3.2%	0.0%	3.8%	77
\$50,000 - \$59,999	5.1%	4.3%	5.7%	6.5%	0.0%	8.5%	82
\$60,000 - \$69,999	5.1%	8.5%	11.5%	3.2%	0.0%	12.3%	125
\$70,000 - \$100,000	19.6%	24.9%	22.1%	25.8%	100.0%	17.0%	352
Above \$100,000	57.7%	45.0%	44.7%	41.9%	0.0%	42.5%	787
Respondents	586	627	244	31	1	106	1,595
Total**	831	842	329	40	2	846	2,890
Non-Respondents	29.5%	25.5%	25.8%	22.5%	50.0%	87.5%	1,295

* GPA – grade point average. Columns might not add to 100.0 because some figures have been rounded.

** Total represents the number of individuals in each category. Columns might not add to 100.0 because some figures have been rounded. Percentages are totaled vertically.

Table 26
 Examinees' College GPA* by City Population of Residence
 As a Percentage of Total Respondents
 2023

GPA	Farm	Under 2,500	2,500- 24,999	25,000- 99,999	100,000- 1,000,000	Over 1,000,000	Not Provided	Total
3.6-4.0	46.4%	51.9%	50.3%	50.1%	52.8%	44.8%	46.5%	1,099
3.1-3.5	46.4%	40.6%	39.9%	40.1%	37.0%	44.1%	43.3%	878
2.6-3.0	7.1%	7.0%	9.3%	8.9%	8.9%	11.0%	8.8%	196
2.0-2.5	0.0%	0.5%	0.5%	0.9%	1.2%	0.0%	1.4%	18
1.0-1.9	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0
Respondents	28	187	561	559	494	145	217	2,191
Total**	31	196	602	610	547	166	738	2,890
Non-Respondents	9.7%	4.6%	6.8%	8.4%	9.7%	12.7%	70.6%	699

* GPA – grade point average. Columns might not add to 100.0 because some figures have been rounded.

** Total represents the number of individuals in each category. Columns might not add to 100.0 because some figures have been rounded. Percentages are totaled vertically.

Table 27
 Examinees' College Science GPA by Population of Residence
 As a Percentage of Total Respondents
 2023

Science GPA*	Farm	Under 2,500	2,500- 24,999	25,000- 99,999	100,000- 1,000,000	Over 1,000,000	Not Provided	Total
3.6-4.0	42.9%	44.2%	40.9%	37.8%	43.7%	39.1%	38.0%	831
3.1-3.5	42.9%	34.9%	42.0%	43.6%	39.4%	42.9%	40.8%	842
2.6-3.0	14.3%	19.2%	15.8%	16.5%	14.1%	15.0%	19.0%	329
2.0-2.5	0.0%	1.7%	1.3%	2.1%	2.4%	3.0%	2.2%	40
1.0-1.9	0.0%	0.0%	0.0%	0.0%	0.4%	0.0%	0.0%	2
Respondents	28	172	538	532	462	133	179	2,044
Total**	31	196	602	610	547	166	738	2,890
Non-Respondents	9.7%	12.2%	10.6%	12.8%	15.5%	19.9%	75.7%	846

* GPA – grade point average. Columns might not add to 100.0 because some figures have been rounded.

** Total represents the number of individuals in each category. Columns might not add to 100.0 because some figures have been rounded. Percentages are totaled vertically.

Table 28
 Examinees' College GPA by Ethnic Identification
 As a Percentage of Total Respondents
 2023

GPA*	American Indian or Alaskan Native	Asian	Black or African American	Hispanic	Native Hawaiian/ Other Pacific Islander	White	Multi-Ethnic	Ethnicity Not Provided	Total
3.6-4.0	38.9%	50.8%	16.9%	35.3%	0.0%	56.2%	37.7%	56.0%	1,099
3.1-3.5	44.4%	39.1%	66.2%	51.0%	100.0%	35.5%	50.9%	28.0%	878
2.6-3.0	16.7%	8.7%	14.3%	13.7%	0.0%	7.6%	11.4%	16.0%	196
2.0-2.5	0.0%	1.3%	2.6%	0.0%	0.0%	0.7%	0.0%	0.0%	18
1.0-1.9	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0
Respondents	18	608	77	51	4	1,119	289	25	2,191
Total**	24	919	117	62	6	1,334	368	60	2,890
Non-Respondents	25.0%	33.8%	34.2%	17.7%	33.3%	16.1%	21.5%	58.3%	699

* GPA – grade point average.

** Total represents the number of respondents in each category. Percentages are totaled vertically. Columns might not add to 100.0 because some figures have been rounded.

Table 29
 Examinees' College Science GPA by Ethnic Identification
 As Percentage of Respondents
 2023

Science GPA*	American Indian or Alaskan Native	Asian	Black or African American	Hispanic	Native Hawaiian/ Other Pacific Islander	White	Multi-Ethnic	Ethnicity Not Provided	Total
3.6 - 4.0	31.3%	39.9%	9.9%	20.8%	0.0%	46.1%	33.0%	45.5%	831
3.1 - 3.5	50.0%	41.3%	57.7%	52.1%	100.0%	37.9%	46.4%	40.9%	842
2.6 - 3.0	18.8%	16.3%	26.8%	25.0%	0.0%	14.3%	19.2%	9.1%	329
2.0 - 2.5	0.0%	2.1%	5.6%	2.1%	0.0%	1.7%	1.5%	4.5%	40
1.0 - 1.9	0.0%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2
Respondents	16	564	71	48	4	1,058	261	22	2,044
Total**	24	919	117	62	6	1,334	368	60	2,890
Non-Respondents	33.3%	38.6%	39.3%	22.6%	33.3%	20.7%	29.1%	63.3%	846

*G.P.A. – grade point average.

** Total represents the number of respondents in each category. Percentages are totaled vertically. Columns might not add to 100.0 because some figures have been rounded.

Table 30
 Examinees' Use of Test Preparation Courses for OAT*
 As a Percentage of Total Respondents
 2019-2023
 "Have You Taken a Review Course to Prepare for the OAT?"

	2019	2020	2021	2022	2023
No	79.6%	82.2%	79.5%	72.0%	66.2%
Yes(1) **	1.5%	1.0%	1.5%	1.6%	2.4%
Yes(2) ***	18.9%	16.8%	19.1%	26.4%	31.4%
Respondents	1,630	1,875	2,151	2,090	2,070
Total	2,969	2,524	2,862	2,819	2,890
Non-Respondents	45.1%	25.7%	24.8%	25.9%	28.4%

*Respondents answered the question, "Have You Taken a Review Course to Prepare for the OAT?"

**Took a preparation course provided by a pre-Optometry institution.

***Took a preparation course provided by a private company for a fee.

Columns might not add to 100.0 because numbers have been rounded.

Table 31
 Examinees Who Have Taken or Plan to Take the MCAT, DAT, VAT, PCAT, or AHPAT
 As a Percentage of Total Respondents
 2019-2023

	2019	2020	2021	2022	2023
Yes	10.7%	10.3%	10.4%	9.1%	10.4%
No	89.3%	89.7%	89.6%	90.9%	89.6%
Respondents	1,629	1,897	2,175	2,113	2,128
Total	2,969	2,524	2,862	2,819	2,890
Non-Respondents	45.1%	24.8%	24.0%	25.0%	26.4%

MCAT – Medical College Admission Test. DAT – Dental Admission Test. VAT – Veterinary Aptitude Test.

PCAT – Pharmacy College Admission Test. AHPAT – Allied Health Professions Admission Test.

N/A Percentage of respondents who did not answer the question.

Columns might not add to 100.0 because numbers have been rounded.

Table 32
 Examinees Who Have taken (or plan to take) an OAT practice exam offered by the OAT program
 As a Percentage of Total Respondents
 2019-2023

	2019	2020	2021	2022	2023
Yes	70.3%	79.0%	78.2%	76.3%	76.8%
No	29.7%	21.0%	21.8%	23.7%	23.2%
Respondents	1,715	1,892	2,182	2,151	2,117
Total	2,969	2524	2,862	2,819	2,890
Non-Respondents	42.2%	25.0%	23.8%	23.7%	26.7%

Columns might not add to 100.0 because numbers have been rounded.

TESTING SERVICES

ADA American Dental Association®

Optometry Admission Test Program
Department of Testing Services
211 East Chicago Ave.
Chicago, IL 60611-2637

February 2024