



## 2020-2021

# OPTOMETRY CENTRALIZED APPLICATION SERVICE OptomCAS Applicant Data Report – A National Snapshot

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#### INTRODUCTION

OptomCAS is the centralized application service for the Association of Schools and Colleges of Optometry (ASCO) and is administered by Liaison International Inc., an education information technology company located in Watertown, MA. OptomCAS allows optometry applicants to use a single web-based application and one set of materials to apply to multiple schools and colleges of optometry. Applicants who apply through OptomCAS submit a completed web-based application comprised of biographical data, colleges and universities attended, academic course history, letters of recommendation, work experience, extracurricular activities, honors and a personal essay. It is the applicant's responsibility to read and follow specific instructions for OptomCAS and the schools and colleges of optometry.

OptomCAS began its first year on July 15, 2009 for Admissions Cycle 2009-2010. Since its implementation, all eligible schools and colleges of optometry have participated in the centralized application service. OptomCAS provides validated numbers for the optometry application process.

This report will focus on Application Cycle 2020-2021. This cycle opened on June 30, 2020 and closed on May 29, 2021. The application fee was \$180 for one institution and \$70 for each additional institution.



#### **PARTICIPATING INSTITUTIONS FOR 2020-2021**

| Arizona College of Optometry, Midwestern University                        | Pennsylvania College of Optometry at Salus University                      |
|--|--|
| Chicago College of Optometry, Midwestern University                        | Southern California College of Optometry at Marshall B. Ketchum University |
| Illinois College of Optometry  | Southern College of Optometry  |
| Indiana University, School of Optometry                                    | State University of New York, College of Optometry                         |
| Inter American University of Puerto Rico, School of Optometry              | University of Alabama at Birmingham, School of Optometry                   |
| Massachusetts College of Pharmacy and Health Sciences, School of Optometry | University of California – Berkeley, School of<br>Optometry                |
| Michigan College of Optometry at Ferris State University                   | University of Houston, College of Optometry                                |
| New England College of Optometry   | University of the Incarnate Word, Rosenberg School of Optometry            |
| Northeastern State University - Oklahoma College of<br>Optometry           | University of Missouri at St. Louis, College of Optometry                  |
| Nova Southeastern University, College of Optometry                         | University of Pikeville, Kentucky College of Optometry                     |
| The Ohio State University, College of Optometry                            | Western University of Health Sciences, College of<br>Optometry             |
| Pacific University, College of Optometry                                   |  |

Figure 1. OptomCAS Applicants per Institution (2020-2021)

| State | Institution  | Total<br>Applicants |
|-------|--|---------------------|
| AZ    | Arizona College of Optometry, Midwestern University                        | 658                 |
| IL    | Chicago College of Optometry, Midwestern University                        | 597                 |
| IL    | Illinois College of Optometry  | 1008                |
| IN    | Indiana University, School of Optometry                                    | 752                 |
| PR    | Inter American University of Puerto Rico, School of Optometry              | 235                 |
| MA    | Massachusetts College of Pharmacy and Health Sciences, School of Optometry | 550                 |
| MI    | Michigan College of Optometry at Ferris State University                   | 189                 |
| MA    | New England College of Optometry   | 842                 |
| ОК    | Northeastern State University - Oklahoma College of Optometry              | 207                 |
| FL    | Nova Southeastern University, College of Optometry                         | 828                 |
| ОН    | The Ohio State University, College of Optometry                            | 547                 |
| OR    | Pacific University, College of Optometry                                   | 366                 |
| PA    | Pennsylvania College of Optometry at Salus University                      | 904                 |
| CA    | Southern California College of Optometry at Marshall B. Ketchum University | 538                 |
| TN    | Southern College of Optometry  | 759                 |
| NY    | State University of New York, College of Optometry                         | 421                 |
| AL    | University of Alabama at Birmingham, School of Optometry                   | 420                 |
| CA    | University of California – Berkeley, School of Optometry                   | 304                 |
| TX    | University of Houston, College of Optometry                                | 662                 |
| TX    | University of the Incarnate Word, Rosenberg School of Optometry            | 474                 |
| МО    | University of Missouri at St. Louis, College of Optometry                  | 374                 |
| KY    | University Pikeville, Kentucky College of Optometry                        | 483                 |
| CA    | Western University of Health Sciences, College of Optometry                | 395                 |

#### **OVERALL OPTOMCAS TRENDS**

The number of OptomCAS individual verified applicants to the twenty-three schools and colleges of optometry for 2020-2021 was 2,684. These applicants submitted a total of 12,513 applications for an average of 4.66 applications per applicant.

For the purpose of this report, applicants and applications are reported in the verified stage of the OptomCAS process. Participating institutions submit final admissions decisions after the end of the application cycle. The following admissions decisions are considered an acceptance: Offer Declined, Deferred, Matriculated, Offer Accepted and Offer Made.

Data in this report may differ from other ASCO reports due to differences in how and when the data were collected and organized.

Figure 2. OptomCAS Number of Institutions, Applicants and Applications (2009-2021)

| Application<br>Cycle | # of Participating<br>Institutions | Number of<br>Applicants | % Change | Number of<br>Applications | % Change | Applications to<br>Applicant Ratio |
|----------------------|------------------------------------|-------------------------|----------|---------------------------|----------|------------------------------------|
| 2009-2010            | 20                                 | 2503                    |          | 12,835                    |          | 5.13                               |
| 2010-2011            | 20                                 | 2513                    | 0.4%     | 12,775                    | -0.5%    | 5.08                               |
| 2011-2012            | 21                                 | 2545                    | 1.3%     | 13,393                    | 4.8%     | 5.26                               |
| 2012-2013            | 21                                 | 2639                    | 3.7%     | 13,210                    | -1.4%    | 5.01                               |
| 2013-2014            | 21                                 | 2604                    | -1.3%    | 13,164                    | -0.3%    | 5.06                               |
| 2014-2015            | 21                                 | 2732                    | 4.9%     | 13,261                    | 0.7%     | 4.85                               |
| 2015-2016            | 22                                 | 2812                    | 2.9%     | 13,620                    | 2.7%     | 4.84                               |
| 2016-2017            | 23                                 | 2687                    | -4.4%    | 13,339                    | -2.1%    | 4.96                               |
| 2017-2018            | 23                                 | 2527                    | -6.0%    | 12,293                    | -7.8%    | 4.86                               |
| 2018-2019            | 23                                 | 2472                    | -2.2%    | 11,746                    | -4.4%    | 4.75                               |
| 2019-2020            | 23                                 | 2563                    | 3.7%     | 11,873                    | 1.1%     | 4.63                               |
| 2020-2021            | 23                                 | 2684                    | 4.7%     | 12,513                    | 5.4%     | 4.66                               |

Figure 3. Accepted OptomCAS Applicants (2009-2021)

| Application<br>Cycle | # of Participating<br>Institutions | Number of<br>Applicants | Number of Accepted<br>Applicants | % of Applicants Accepted |
|----------------------|------------------------------------|-------------------------|----------------------------------|--------------------------|
| 2009-2010            | 20                                 | 2503                    | 1670                             | 67%                      |
| 2010-2011            | 20                                 | 2513                    | 1722                             | 69%                      |
| 2011-2012            | 21                                 | 2545                    | 1820                             | 72%                      |
| 2012-2013            | 21                                 | 2639                    | 1856                             | 70%                      |
| 2013-2014            | 21                                 | 2604                    | 1846                             | 71%                      |
| 2014-2015            | 21                                 | 2732                    | 1895                             | 69%                      |
| 2015-2016            | 22                                 | 2812                    | 1983                             | 71%                      |
| 2016-2017            | 23                                 | 2687                    | 1965                             | 73%                      |
| 2017-2018            | 23                                 | 2527                    | 1949                             | 77%                      |
| 2018-2019            | 23                                 | 2472                    | 1953                             | 79%                      |
| 2019-2020            | 23                                 | 2563                    | 2014                             | 79%                      |
| 2020-2021            | 23                                 | 2684                    | 1992                             | 74%                      |

#### **AGE AND SEX**

OptomCAS demographic data are captured on the OptomCAS application. This information cannot be verified by Liaison staff.

Figure 4. OptomCAS Applicants by Age and Sex (2020-2021)

|              | Male |         | Female |         | Decline | to State | Total |         |  |
|--------------|------|---------|--------|---------|---------|----------|-------|---------|--|
| Age          | #    | %       | #      | %       | #       | %        | #     | %       |  |
| Age Up to 19 | 3    | 0.40%   | 13     | 0.67%   | 0       | 0.00%    | 16    | 0.60%   |  |
| Age 20-25    | 603  | 79.87%  | 1611   | 83.60%  | 2       | 100.00%  | 2216  | 82.56%  |  |
| Age 26-30    | 101  | 13.38%  | 225    | 11.68%  | 0       | 0.00%    | 326   | 12.15%  |  |
| Age 31-35    | 36   | 4.77%   | 39     | 2.02%   | 0       | 0.00%    | 75    | 2.79%   |  |
| Age 36-40    | 5    | 0.66%   | 26     | 1.35%   | 0       | 0.00%    | 31    | 1.15%   |  |
| Age 41-45    | 3    | 0.40%   | 8      | 0.42%   | 0       | 0.00%    | 11    | 0.41%   |  |
| Age 46+      | 4    | 0.53%   | 4      | 0.21%   | 0       | 0.00%    | 8     | 0.30%   |  |
| Age Unknown  | 0    | 0.00%   | 1      | 0.05%   | 0       | 0.00%    | 1     | 0.04%   |  |
| TOTAL        | 755  | 100.00% | 1927   | 100.00% | 2       | 100.00%  | 2684  | 100.00% |  |
| Median       | 2    | 23      | 22     |         | 2       | 22       |       | 22      |  |
| Mean         | 23   | .80     | 23     | 23.22   |         | 22.50    |       | 23.39   |  |
| Range        | 17   | -56     | 18     | -52     | 22      | -23      | 17-56 |         |  |

Figure 5. Accepted OptomCAS Applicants by Age and Sex (2020-2021)

|              | Male |             | Female |         | <b>Decline to State</b> |         | Total |         |  |
|--------------|------|-------------|--------|---------|-------------------------|---------|-------|---------|--|
| Age          | #    | %           | #      | %       | #                       | %       | #     | %       |  |
| Age Up to 19 | 3    | 0.52%       | 11     | 0.78%   | 0                       | 0.00%   | 14    | 0.70%   |  |
| Age 20-25    | 479  | 83.30%      | 1252   | 88.42%  | 1                       | 100.00% | 1732  | 86.95%  |  |
| Age 26-30    | 68   | 11.83%      | 120    | 8.47%   | 0                       | 0.00%   | 188   | 9.44%   |  |
| Age 31-35    | 21   | 3.65%       | 20     | 1.41%   | 0                       | 0.00%   | 41    | 2.06%   |  |
| Age 36-40    | 3    | 0.52%       | 8      | 0.56%   | 0                       | 0.00%   | 11    | 0.55%   |  |
| Age 41-45    | 0    | 0.00%       | 4      | 0.28%   | 0                       | 0.00%   | 4     | 0.20%   |  |
| Age 46+      | 1    | 0.17%       | 0      | 0.00%   | 0                       | 0.00%   | 1     | 0.05%   |  |
| Age Unknown  | 0    | 0.00%       | 1      | 0.07%   | 0                       | 0.00%   | 1     | 0.05%   |  |
| TOTAL        | 575  | 100.00%     | 1416   | 100.00% | 1                       | 100.00% | 1992  | 100.00% |  |
| Median       | 2    | 22          | 22     |         |                         | 23      |       | 22      |  |
| Mean         | 23   | 3.27        | 22.62  |         | 23.00                   |         | 22.81 |         |  |
| Range        | 17   | <b>'-46</b> | 18     | 3-45    | 23                      | 3-23    | 17-46 |         |  |

<sup>% -</sup> Percent of Total Accepted Pool.

Figure 6. OptomCAS Applicants by Sex per Cycle (2009-2021)

|           | Male |        | Fe   | male   | Decline | d to State | Total |
|-----------|------|--------|------|--------|---------|------------|-------|
|           | #    | %      | #    | %      | #       | %          |       |
| 2009-2010 | 831  | 33.20% | 1672 | 66.80% | 0       | 0.00%      | 2503  |
| 2010-2011 | 819  | 32.59% | 1694 | 67.41% | 0       | 0.00%      | 2513  |
| 2011-2012 | 844  | 33.16% | 1701 | 66.84% | 0       | 0.00%      | 2545  |
| 2012-2013 | 867  | 32.85% | 1772 | 67.15% | 0       | 0.00%      | 2639  |
| 2013-2014 | 811  | 31.14% | 1789 | 68.70% | 4       | 0.15%      | 2604  |
| 2014-2015 | 822  | 30.07% | 1892 | 69.20% | 18      | 0.73%      | 2732  |
| 2015-2016 | 836  | 29.73% | 1966 | 69.91% | 10      | 0.36%      | 2812  |
| 2016-2017 | 875  | 32.56% | 1804 | 67.14% | 8       | 0.30%      | 2687  |
| 2017-2018 | 749  | 29.64% | 1777 | 70.32% | 1       | 0.04%      | 2527  |
| 2018-2019 | 730  | 29.53% | 1737 | 70.27% | 5       | 0.20%      | 2472  |
| 2019-2020 | 732  | 28.56% | 1830 | 71.40% | 1       | 0.04%      | 2563  |
| 2020-2021 | 755  | 28.13% | 1927 | 71.80% | 2       | 0.07%      | 2684  |

Figure 7. Accepted OptomCAS Applicants by Sex per Cycle (2009-2021)

|           | Male |        | Fe   | male   | Declined to State |       | Total |
|-----------|------|--------|------|--------|-------------------|-------|-------|
|           | #    | %      | #    | %      | #                 | %     |       |
| 2009-2010 |      |        |      |        |                   |       |       |
| 2010-2011 |      |        |      |        |                   |       |       |
| 2011-2012 |      |        |      |        |                   |       |       |
| 2012-2013 |      |        |      |        |                   |       |       |
| 2013-2014 |      |        |      |        |                   |       |       |
| 2014-2015 | 585  | 30.87% | 1294 | 68.28% | 16                | 0.84% | 1895  |
| 2015-2016 | 595  | 30.01% | 1383 | 69.74% | 5                 | 0.25% | 1983  |
| 2016-2017 | 691  | 35.17% | 1269 | 64.58% | 5                 | 0.25% | 1965  |
| 2017-2018 | 603  | 30.94% | 1346 | 69.06% | 0                 | 0.00% | 1949  |
| 2018-2019 | 598  | 30.62% | 1353 | 69.28% | 2                 | 0.10% | 1953  |
| 2019-2020 | 607  | 30.14% | 1406 | 69.81% | 1                 | 0.05% | 2014  |
| 2020-2021 | 575  | 28.87% | 1416 | 71.08% | 1                 | 0.05% | 1992  |

<sup>\*</sup>Information from 2009 to 2014 was reported by applications; not by individual applicants.

#### **RACE/ETHNICITY**

Figure 8. OptomCAS Applicants by Race/Ethnicity (2020-2021)

| Race/Ethnicity                         | Number of Applicants | % of Applicants |
|--|----------------------|-----------------|
| American Indian/Alaska Native          | 6                    | 0.22%           |
| Hispanic/Latino                        | 339                  | 12.63%          |
| Asian                                  | 801                  | 29.84%          |
| Black/African-American                 | 160                  | 5.96%           |
| Native Hawaiian/Other Pacific Islander | 2                    | 0.07%           |
| White                                  | 1210                 | 45.08%          |
| Two or More Races                      | 100                  | 3.73%           |
| Did Not Report                         | 66                   | 2.46%           |
| Total                                  | 2684                 | 100.00%         |

Figure 9. OptomCAS Applicants by Race/Ethnicity and Sex (2020-2021)

|  | M   | Male Fem |      | nale   | ale Declined to State |       | Total |         |
|--|-----|----------|------|--------|-----------------------|-------|-------|---------|
| Race/Ethnicity                         | #   | %        | #    | %      | #                     | %     | #     | %       |
| American Indian/Alaska<br>Native       | 2   | 0.07%    | 4    | 0.15%  | 0                     | 0.00% | 6     | 0.22%   |
| Hispanic/Latino                        | 93  | 3.46%    | 246  | 9.17%  | 0                     | 0.00% | 339   | 12.63%  |
| Asian                                  | 200 | 7.45%    | 600  | 22.35% | 1                     | 0.04% | 801   | 29.84%  |
| Black/African-American                 | 39  | 1.45%    | 121  | 4.51%  | 0                     | 0.00% | 160   | 5.96%   |
| Native Hawaiian/Other Pacific Islander | 0   | 0.00%    | 2    | 0.07%  | 0                     | 0.00% | 2     | 0.07%   |
| White                                  | 385 | 14.34%   | 825  | 30.74% | 0                     | 0.00% | 1210  | 45.08%  |
| Two or More Races                      | 24  | 0.89%    | 76   | 2.83%  | 0                     | 0.00% | 100   | 3.73%   |
| Did Not Report                         | 12  | 0.45%    | 53   | 1.97%  | 1                     | 0.04% | 66    | 2.46%   |
| TOTAL                                  | 755 | 28.13%   | 1927 | 71.80% | 2                     | 0.07% | 2684  | 100.00% |

Figure 10. Accepted OptomCAS Applicants by Race/Ethnicity (2020-2021)

| Race/Ethnicity                         | All Applicants in OptomCAS Applicant Pool |         |      | Applicants in Applicant Pool |
|--|---|---------|------|------------------------------|
|  | #   | %       | #    | %                            |
| American Indian/Alaska Native          | 6   | 0.22%   | 3    | 0.15%                        |
| Hispanic/Latino                        | 339                                       | 12.63%  | 202  | 10.14%                       |
| Asian                                  | 801                                       | 29.84%  | 613  | 30.77%                       |
| Black/African-American                 | 160                                       | 5.96%   | 99   | 4.97%                        |
| Native Hawaiian/Other Pacific Islander | 2   | 0.07%   | 2    | 0.10%                        |
| White                                  | 1210                                      | 45.08%  | 950  | 47.69%                       |
| Two or More Races                      | 100                                       | 3.73%   | 78   | 3.92%                        |
| Did Not Report                         | 66  | 2.46%   | 45   | 2.26%                        |
| Total                                  | 2684                                      | 100.00% | 1992 | 100.00%                      |

<sup>% -</sup> Percent of Total Accepted Pool.

Figure 11. Accepted OptomCAS Applicants by Race/Ethnicity and Sex (2020-2021)

|  | N   | <b>1</b> ale | Fe   | male   | Declined | to State |      | Total   |
|--|-----|--------------|------|--------|----------|----------|------|---------|
| Race/Ethnicity                         | #   | %            | #    | %      | #        | %        | #    | %       |
| American Indian/Alaska<br>Native       | 1   | 0.05%        | 2    | 0.10%  | 0        | 0.00%    | 3    | 0.15%   |
| Hispanic/Latino                        | 58  | 2.91%        | 144  | 7.23%  | 0        | 0.00%    | 202  | 10.14%  |
| Asian                                  | 161 | 8.08%        | 452  | 22.69% | 0        | 0.00%    | 613  | 30.77%  |
| Black/African-American                 | 23  | 1.15%        | 76   | 3.82%  | 0        | 0.00%    | 99   | 4.97%   |
| Native Hawaiian/Other Pacific Islander | 0   | 0.00%        | 2    | 0.10%  | 0        | 0.00%    | 2    | 0.10%   |
| White                                  | 309 | 15.51%       | 641  | 32.18% | 0        | 0.00%    | 950  | 47.69%  |
| Two or More Races                      | 13  | 0.65%        | 65   | 3.26%  | 0        | 0.00%    | 78   | 3.92%   |
| Did Not Report                         | 10  | 0.50%        | 34   | 1.71%  | 1        | 0.05%    | 45   | 2.26%   |
| TOTAL                                  | 575 | 28.87%       | 1416 | 71.08% | 1        | 0.05%    | 1992 | 100.00% |

<sup>% -</sup> Percent of Total Accepted Pool.

Figure 12. Accepted OptomCAS Applicants by ALL Race/Ethnicity Categories (2020-2021)

| Race/Ethnicity                         | All Applicants in OptomCAS Applicant Pool |        | Accepted Applicants in OptomCAS Applicant Pool |        |  |
|--|---|--------|--|--------|--|
|  | #   | %      | #  | %      |  |
| American Indian/Alaska Native          | 29  | 0.95%  | 17   | 0.77%  |  |
| Hispanic/Latino                        | 339                                       | 11.16% | 202  | 9.09%  |  |
| Asian                                  | 879                                       | 28.93% | 677  | 30.47% |  |
| Black/African-American                 | 198                                       | 6.52%  | 125  | 5.63%  |  |
| Native Hawaiian/Other Pacific Islander | 14  | 0.46%  | 13   | 0.59%  |  |
| White                                  | 1513                                      | 49.80% | 1143   | 51.44% |  |
| Did Not Report                         | 66  | 2.17%  | 45   | 2.03%  |  |
| Total                                  | 3038                                      | 100%   | 2222   | 100%   |  |

<sup>% -</sup> Percent of Total Accepted Pool. Race and ethnicity categories in the table and graph above are **NOT** mutually exclusive. The report totals exceed the total number of OptomCAS applicants with each category (all and accepted).

Figure 13. OptomCAS Applicants by Race/Ethnicity per Cycle (2009-2021)

| Cycle     | Americ | an Indian | Hispanic/Latino |        | Asian |        | Black/African-<br>American |       |
|-----------|--------|-----------|-----------------|--------|-------|--------|----------------------------|-------|
|           | #      | %         | #               | %      | #     | %      | #                          | %     |
| 2009-2010 | 7      | 0.28%     | 61              | 2.44%  | 777   | 31.04% | 114                        | 4.55% |
| 2010-2011 | 9      | 0.36%     | 48              | 1.91%  | 781   | 31.08% | 114                        | 4.54% |
| 2011-2012 | 13     | 0.51%     | 60              | 2.36%  | 785   | 30.84% | 115                        | 4.52% |
| 2012-2013 | 14     | 0.53%     | 80              | 3.03%  | 764   | 28.95% | 119                        | 4.51% |
| 2013-2014 | 11     | 0.42%     | 74              | 2.84%  | 786   | 30.18% | 105                        | 4.03% |
| 2014-2015 | 6      | 0.22%     | 241             | 8.81%  | 807   | 29.52% | 93                         | 3.40% |
| 2015-2016 | 8      | 0.28%     | 261             | 9.28%  | 887   | 31.54% | 119                        | 4.23% |
| 2016-2017 | 10     | 0.37%     | 258             | 9.60%  | 772   | 28.73% | 104                        | 3.87% |
| 2017-2018 | 5      | 0.20%     | 236             | 9.34%  | 769   | 30.43% | 102                        | 4.04% |
| 2018-2019 | 2      | 0.08%     | 265             | 10.72% | 788   | 31.88% | 119                        | 4.81% |
| 2019-2020 | 6      | 0.23%     | 284             | 11.08% | 781   | 30.47% | 140                        | 5.46% |
| 2020-2021 | 6      | 0.22%     | 339             | 12.63% | 801   | 29.84% | 160                        | 5.96% |

Figure 13 (cont.) OptomCAS Applicants by Race/Ethnicity per Cycle (2009-2021)

| Cycle     | Nativ | e Hawaiian | ١    | White  | Two or | More Races | Did N | ot Report |
|-----------|-------|------------|------|--------|--------|------------|-------|-----------|
|           | #     | %          | #    | %      | #      | %          | #     | %         |
| 2009-2010 | 2     | 0.08%      | 1257 | 50.22% | 137    | 5.47%      | 148   | 5.91%     |
| 2010-2011 | 2     | 0.08%      | 1305 | 51.93% | 155    | 6.17%      | 99    | 3.94%     |
| 2011-2012 | 1     | 0.04%      | 1296 | 50.92% | 188    | 7.39%      | 87    | 3.42%     |
| 2012-2013 | 4     | 0.15%      | 1352 | 51.23% | 192    | 7.28%      | 114   | 4.32%     |
| 2013-2014 | 3     | 0.12%      | 1306 | 50.15% | 216    | 8.29%      | 103   | 3.96%     |
| 2014-2015 | 6     | 0.22%      | 1315 | 48.10% | 77     | 2.82%      | 189   | 6.91%     |
| 2015-2016 | 2     | 0.07%      | 1261 | 44.84% | 84     | 2.99%      | 190   | 6.76%     |
| 2016-2017 | 8     | 0.30%      | 1273 | 47.38% | 78     | 2.90%      | 184   | 6.85%     |
| 2017-2018 | 1     | 0.04%      | 1186 | 46.93% | 84     | 3.32%      | 144   | 5.70%     |
| 2018-2019 | 5     | 0.20%      | 1134 | 45.87% | 78     | 3.16%      | 81    | 3.28%     |
| 2019-2020 | 2     | 0.08%      | 1219 | 47.56% | 76     | 2.97%      | 55    | 2.15%     |
| 2020-2021 | 2     | 0.07%      | 1210 | 45.08% | 100    | 3.73%      | 66    | 2.46%     |

Figure 14. Accepted OptomCAS Applicants by Race/Ethnicity per Cycle (2009-2021)

| Cycle      | Ame | rican Indian | Hispa | nic/Latino | Α   | sian   | Black/ <i>A</i><br>Ame | African-<br>rican |
|------------|-----|--------------|-------|------------|-----|--------|------------------------|-------------------|
|            | #   | %            | #     | %          | #   | %      | #                      | %                 |
| *2009-2010 |     |              |       |            |     |        |                        |                   |
| 2010-2011  | 3   | 0.17%        | 30    | 1.74%      | 554 | 32.17% | 51                     | 2.96%             |
| 2011-2012  | 11  | 0.60%        | 41    | 2.25%      | 537 | 29.51% | 50                     | 2.75%             |
| 2012-2013  | 9   | 0.48%        | 56    | 3.02%      | 559 | 30.12% | 55                     | 2.96%             |
| 2013-2014  | 5   | 0.27%        | 36    | 1.95%      | 571 | 30.93% | 44                     | 2.38%             |
| 2014-2015  | 4   | 0.21%        | 129   | 6.81%      | 564 | 29.76% | 34                     | 1.79%             |
| 2015-2016  | 4   | 0.20%        | 160   | 8.07%      | 626 | 31.58% | 52                     | 2.62%             |
| 2016-2017  | 7   | 0.36%        | 168   | 8.55%      | 558 | 28.40% | 51                     | 2.60%             |
| 2017-2018  | 4   | 0.21%        | 150   | 7.70%      | 593 | 30.43% | 56                     | 2.87%             |
| 2018-2019  | 2   | 0.10%        | 181   | 9.27%      | 624 | 31.95% | 72                     | 3.69%             |
| 2019-2020  | 4   | 0.20%        | 183   | 9.09%      | 615 | 30.54% | 83                     | 4.12%             |
| 2020-2021  | 3   | 0.15%        | 202   | 10.14%     | 613 | 30.77% | 99                     | 4.97%             |

<sup>% -</sup> Percent of Total Accepted Pool.

Figure 14 (cont.) Accepted OptomCAS Applicants by Race/Ethnicity per Cycle (2009-2021)

| Cycle      | Native | Hawaiian | V    | Vhite  | Two or Mo | re Races | Did Not | Report |
|------------|--------|----------|------|--------|-----------|----------|---------|--------|
|            | #      | %        | #    | %      | #         | %        | #       | %      |
| *2009-2010 |        |          |      |        |           |          |         |        |
| 2010-2011  | 1      | 0.06%    | 938  | 54.47% | 91        | 5.28%    | 54      | 3.14%  |
| 2011-2012  | 1      | 0.05%    | 986  | 54.18% | 122       | 6.70%    | 72      | 3.96%  |
| 2012-2013  | 2      | 0.11%    | 974  | 52.48% | 122       | 6.57%    | 79      | 4.26%  |
| 2013-2014  | 2      | 0.11%    | 989  | 53.58% | 128       | 6.93%    | 71      | 3.85%  |
| 2014-2015  | 5      | 0.26%    | 985  | 51.98% | 45        | 2.37%    | 129     | 6.81%  |
| 2015-2016  | 1      | 0.05%    | 951  | 47.98% | 56        | 2.83%    | 132     | 6.66%  |
| 2016-2017  | 5      | 0.25%    | 981  | 49.92% | 54        | 2.75%    | 141     | 7.18%  |
| 2017-2018  | 1      | 0.05%    | 965  | 49.51% | 68        | 3.49%    | 112     | 5.75%  |
| 2018-2019  | 2      | 0.10%    | 947  | 48.49% | 64        | 3.28%    | 61      | 3.12%  |
| 2019-2020  | 1      | 0.05%    | 1021 | 50.70% | 61        | 3.03%    | 46      | 2.28%  |
| 2020-2021  | 2      | 0.10%    | 950  | 47.69% | 78        | 3.92%    | 45      | 2.26%  |

<sup>% -</sup> Percent of Total Accepted Pool.

<sup>\*2009-2010</sup> data not available.

<sup>\*2009-2010</sup> data not available.

#### **CITIZENSHIP**

Figure 15. Accepted OptomCAS Applicants by Citizenship Status (2020-2021)

| Citizenship<br>Status | All Applicants in OptomCAS Applicant Pool |         | Accepted Applicants in OptomCAS |         |
|-----------------------|---|---------|---------------------------------|---------|
|                       | #   | %       | #                               | %       |
| US Citizen            | 2364                                      | 88.08%  | 1750                            | 87.85%  |
| Permanent US Resident | 81  | 3.02%   | 56                              | 2.81%   |
| Temporary US Resident | 12  | 0.45%   | 6                               | 0.30%   |
| Non-Resident          | 83  | 3.09%   | 58                              | 2.91%   |
| Did Not Report        | 144                                       | 5.37%   | 122                             | 6.12%   |
| Total                 | 2684                                      | 100.00% | 1992                            | 100.00% |

<sup>% -</sup> Percent of Total Accepted Pool.

#### **PERMANENT STATE OF RESIDENCY**

Figure 16. OptomCAS Applicants by Permanent State of Residency (Top 26 in 2020-2021)

| State          | #   | State       | #  |
|----------------|-----|-------------|----|
| California     | 356 | Georgia     | 48 |
| Texas          | 260 | Puerto Rico | 46 |
| New York       | 180 | Missouri    | 43 |
| Florida        | 172 | Washington  | 43 |
| Illinois       | 107 | Kentucky    | 42 |
| Pennsylvania   | 102 | Arizona     | 37 |
| Michigan       | 89  | Alabama     | 36 |
| Ohio           | 83  | Oklahoma    | 35 |
| New Jersey     | 79  | Tennessee   | 32 |
| North Carolina | 64  | Maryland    | 31 |
| Massachusetts  | 57  | Minnesota   | 29 |
| Indiana        | 56  | Oregon      | 29 |
| Virginia       | 55  | Louisiana   | 26 |

Canadian Applicants: 207 applicants.

#### **GRADE POINT AVERAGES (GPAS)**

Figure 17. OptomCAS GPAs by Sex (2020-2021)

|   | Male | Female | <b>Declined to State</b> | All  |
|---|------|--------|--------------------------|------|
| Freshman                                | 3.27 | 3.36   | 3.34                     | 3.34 |
| Sophomore                               | 3.26 | 3.29   | 3.28                     | 3.28 |
| Junior                                  | 3.30 | 3.33   | 3.66                     | 3.32 |
| Senior                                  | 3.40 | 3.40   | 3.43                     | 3.40 |
| Baccalaureate                           | 3.32 | 3.36   | 3.44                     | 3.35 |
| Post-Baccalaureate                      | 3.49 | 3.45   |                          | 3.46 |
| <b>Cumulative Undergraduate</b>         | 3.33 | 3.37   | 3.44                     | 3.35 |
| Graduate                                | 3.35 | 3.43   |                          | 3.41 |
| Baccalaureate Science                   | 3.18 | 3.18   | 3.36                     | 3.18 |
| Post-Baccalaureate Science              | 3.46 | 3.43   |                          | 3.44 |
| <b>Cumulative Undergraduate Science</b> | 3.21 | 3.21   | 3.36                     | 3.21 |
| Graduate Science                        | 3.25 | 3.36   |                          | 3.33 |
| Overall Science                         | 3.20 | 3.21   | 3.36                     | 3.21 |
| Overall                                 | 3.33 | 3.37   | 3.44                     | 3.36 |

Figure 18. Accepted OptomCAS GPAs by Sex (2020-2021)

|   | Male | Female | Declined to State | All  |
|---|------|--------|-------------------|------|
| Freshman                                | 3.37 | 3.47   | 3.94              | 3.44 |
| Sophomore                               | 3.38 | 3.42   | 3.96              | 3.41 |
| Junior                                  | 3.44 | 3.47   | 3.97              | 3.46 |
| Senior                                  | 3.50 | 3.54   | 3.81              | 3.53 |
| Baccalaureate                           | 3.43 | 3.48   | 3.93              | 3.47 |
| Post-Baccalaureate                      | 3.59 | 3.59   |                   | 3.59 |
| <b>Cumulative Undergraduate</b>         | 3.44 | 3.49   | 3.93              | 3.47 |
| Graduate                                | 3.52 | 3.56   |                   | 3.55 |
| Baccalaureate Science                   | 3.30 | 3.33   | 3.88              | 3.32 |
| Post-Baccalaureate Science              | 3.56 | 3.58   |                   | 3.57 |
| <b>Cumulative Undergraduate Science</b> | 3.32 | 3.35   | 3.88              | 3.34 |
| Graduate Science                        | 3.52 | 3.51   |                   | 3.51 |
| Overall Science                         | 3.33 | 3.35   | 3.88              | 3.35 |
| Overall                                 | 3.44 | 3.49   | 3.93              | 3.48 |

Figure 19. GPAs for OptomCAS Applicants Per Cycle (2009-2021)

| Cycle      | Science Overall GPA | Overall GPA |
|------------|---------------------|-------------|
| *2009-2010 |                     |             |
| 2010-2011  |                     |             |
| 2011-2012  |                     |             |
| 2012-2013  |                     |             |
| 2013-2014  |                     |             |
| 2014-2015  | 3.17                | 3.32        |
| 2015-2016  | 3.16                | 3.32        |
| 2016-2017  | 3.18                | 3.33        |
| 2017-2018  | 3.18                | 3.34        |
| 2018-2019  | 3.20                | 3.36        |
| 2019-2020  | 3.23                | 3.38        |
| 2020-2021  | 3.21                | 3.36        |

<sup>\*</sup>Information from 2009 to 2014 was reported by applications; not by individual applicants.

Figure 20. GPAs for Accepted OptomCAS Applicants Per Cycle (2009-2021)

| Cycle      | Science Overall GPA | Overall GPA |
|------------|---------------------|-------------|
| *2009-2010 |                     |             |
| 2010-2011  |                     |             |
| 2011-2012  |                     |             |
| 2012-2013  |                     |             |
| 2013-2014  |                     |             |
| 2014-2015  | 3.30                | 3.43        |
| 2015-2016  | 3.29                | 3.42        |
| 2016-2017  | 3.29                | 3.43        |
| 2017-2018  | 3.27                | 3.42        |
| 2018-2019  | 3.29                | 3.44        |
| 2019-2020  | 3.33                | 3.46        |
| 2020-2021  | 3.35                | 3.48        |

<sup>\*</sup>Information from 2009 to 2014 was reported by applications; not by individual applicants.

#### **COLLEGE MAJORS**

Figure 21. College Majors for OptomCAS Applicants (Top 10 in 2020-2021)

| Major                      | #    | Major         | #  |
|----------------------------|------|---------------|----|
| Biology                    | 1104 | Biochemistry  | 80 |
| <b>Biological Sciences</b> | 254  | Chemistry     | 69 |
| <b>Biomedical Science</b>  | 160  | Neuroscience  | 66 |
| Psychology                 | 144  | Public Health | 60 |
| Health Science             | 129  | Other         | 59 |

#### PRIMARY INSTITUTIONS ATTENDED

Figure 22. Primary Institutions Attended for OptomCAS Applicants (Top 26 in 2020-2021)

| State                                | #  | State                                  | #  |
|--------------------------------------|----|--|----|
| The Ohio State University            | 44 | Texas A&M University                   | 22 |
| University of Houston                | 43 | University of Illinois-Chicago         | 22 |
| University of California-Irvine      | 42 | University of California-Santa Barbara | 20 |
| University of California-Los Angeles | 39 | University of Florida                  | 18 |
| University of Texas-Austin           | 35 | University of Texas-San Antonio        | 18 |
| University of California-Davis       | 29 | University of Texas-Dallas             | 17 |
| Florida International University     | 28 | University of Washington               | 17 |
| University of South Florida          | 28 | Michigan State University              | 17 |
| University of Central Florida        | 27 | Pennsylvania State University          | 17 |
| University of California-Riverside   | 25 | Auburn University                      | 16 |
| University of California-Berkeley    | 24 | University of British Columbia         | 16 |
| University of California-San Diego   | 24 | University of Waterloo                 | 15 |
| Indiana University                   |    | Ferris State University                | 15 |

### OPTOMCAS APPLICANTS TO NUMBER OF FIRST-YEAR MATRICULANTS

Figure 23. Applicant to Matriculant Ratio (2009-2021)

| Application<br>Cycle | Applying for<br>Academic<br>Year | Number of<br>Institutions | Number of<br>Applicants | Number of First-Year<br>Matriculants (Profile) | Applicant/<br>Matriculant Ratio |
|----------------------|----------------------------------|---------------------------|-------------------------|--|---------------------------------|
| 2009-2010            | 2010-2011                        | 20                        | 2503                    | 1639   | 1.53                            |
| 2010-2011            | 2011-2012                        | 20                        | 2513                    | 1658   | 1.52                            |
| 2011-2012            | 2012-2013                        | 21                        | 2545                    | 1732   | 1.47                            |
| 2012-2013            | 2013-2014                        | 21                        | 2639                    | *1720  | 1.53                            |
| 2013-2014            | 2014-2015                        | 21                        | 2604                    | 1761   | 1.48                            |
| 2014-2015            | 2015-2016                        | 21                        | 2732                    | 1779   | 1.54                            |
| 2015-2016            | 2016-2017                        | 22                        | 2812                    | 1871   | 1.50                            |
| 2016-2017            | 2017-2018                        | 23                        | 2687                    | *1811  | 1.48                            |
| 2017-2018            | 2018-2019                        | 23                        | 2527                    | 1822   | 1.39                            |
| 2018-2019            | 2019-2020                        | 23                        | 2472                    | 1848   | 1.34                            |
| 2019-2020            | 2020-2021                        | 23                        | 2563                    | 1892   | 1.35                            |
| 2020-2021            | 2021-2022                        | 23                        | 2684                    | 1846   | 1.45                            |

Matriculant information is reported in the ASCO Profile of Entering Students report. Matriculants include all first-year, full-time students (does not include any repeat or transfer students). The numbers marked by an asterisk represent that one school did not report in that year.

#### **OAT**

Figure 24. OAT Test Takers Per Cycle (2009-2021)

| Cycle     | # of OAT Test Takers | % Change |  |
|-----------|----------------------|----------|--|
| 2009-2010 | 3913                 |          |  |
| 2010-2011 | 4009                 | 2.45%    |  |
| 2011-2012 | 3867                 | -3.54%   |  |
| 2012-2013 | 3949                 | 2.12%    |  |
| 2013-2014 | 3966                 | 0.43%    |  |
| 2014-2015 | 3997                 | 0.78%    |  |
| 2015-2016 | 3965                 | -0.80%   |  |
| 2016-2017 | 3751                 | -5.40%   |  |
| 2017-2018 | 3528                 | -5.95%   |  |
| 2018-2019 | 3308                 | -6.24%   |  |
| 2019-2020 | 2849                 | -13.88%  |  |
| 2020-2021 | 3226                 | 13.23%   |  |

Starting in cycle 2017-2018, some institutions started to accept other exams such as GRE, MCAT, DAT, and PCAT. All institutions accept the OAT exam.