



2023-2024 Academic Year Graduating Seniors Survey

Summary Report



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

Each year, the American Association of Colleges of Osteopathic Medicine (AACOM) collaborates with the nation's colleges of osteopathic medicine (COMs) to distribute the AACOM Graduating Seniors Survey. This survey queries graduates on a variety of topics, compiling a comprehensive snapshot of students' self-reported debt and financing of medical education, educational experiences, and satisfaction with their medical education. Additionally, the survey asks students to outline their plans for graduate medical education (GME), specialty selection, and career.

This year, in addition to collecting our traditional survey responses from graduating seniors, students were asked to share their reflections on three crucial areas, "How empathy relates to OME", "How medical educators can promote mental health and well-being" and "How DO students experience bias in the Match process". AACOM intends to publish reports with the results from these three studies on the AACOM website and/or AACOM analytics.

The distribution of the 2022-2023 Graduating Seniors Survey was carried out by AACOM using Qualtrics, our survey software, with students' email addresses provided by AACOM's member COMs. These email addresses were used to create a distribution list for the direct administration of the survey to students, accessible from any device using their unique survey link. Students also had the flexibility to save and complete the survey at their convenience. Qualtrics sent reminders to students who had not completed their surveys throughout the survey cycle. In addition, coordinators received weekly updates on response rates and could request additional updates during the survey cycle. COMs that opted out of providing their students' email addresses received the survey through an anonymous link. The anonymous survey link does not collect any identifying information (such as name or email address) unless the student voluntarily provides it while completing the survey. Students completing the survey via this method of distribution still had the flexibility to save and complete the survey at their convenience.

A total of 4,146 expected 2023 graduates responded to the survey, representing 34 COMs and branch campuses. The 2023 "Osteopathic Medical School Graduate Placements in 2023 Match Report" had anticipated a graduate count of 7,859. Based on this total, the response rate for the Graduating Seniors Survey is approximately 53 percent. The "AACOM 2022-2023 Academic Year Graduating Seniors Survey Summary Report" is made available to the public, while COMs have access to their school's data dashboards within AACOM analytics.

Several sets of responses are noted below.

Self-Reported Student Debt and Scholarships

Table 1.1: The overall mean osteopathic medical education debt reported by 2023 graduates is \$254,987—an increase of \$2,892 or 1 percent since 2022. Ninety percent of 2023 graduates reported having debt. The mean debt reported by public COM graduates is \$236,175 compared to private COM graduates at \$259,652—a difference of \$23,477 or 9.5 percent. Both public and private COM graduates experienced an increase in mean debt from 2022, with public COM graduates reporting a larger increase of 5.4% compared to 1.2% for private COM graduates.

Table 1.1—1.1a: Forty-nine percent of graduates reported receiving a Subsidized Stafford Loan. From 2022 to 2023, the percentage of students who reported receiving a Subsidized Stafford Loan increased by 14 percent. The overall median Subsidized Stafford Loan amount reported by 2023 graduates is \$25,000—an increase of \$1,247 or 5.2 percent from 2022.

Table 1.1: Eight percent of 2023 graduates reported receiving a Perkins Loan—an increase of 33.3 percent from 2022. The mean Perkins Loan amount reported by the 2023 graduates is \$18,943—an increase of \$2,198 or 13.1 percent from 2022. The number of 2023 graduates reported receiving a Graduate PLUS loan increased from 2022 to 2023 by 2.5 percent. The mean Graduate PLUS loan amount reported was \$136,074—an increase from 2022 by 4.3 percent or \$5,557.

Table 2.1: In 2023, male graduates reported a slightly higher mean osteopathic medical education debt of \$258,2490, compared to female graduates reported a mean osteopathic medical education debt of \$253,419. The difference in the mean debt reported by male and female graduates is 2.0 percent or \$5,071. Ninety percent of males and 89 percent of females reported having osteopathic medical education debt—an increase from 2022 by 1.1 percent for males and a 2.2 percent decrease for females.

Table 2.2: Compared to the overall student population, 97 percent of Black/African Americans reported graduating with debt. Ninety-one percent of both Hispanic/Latino and White graduates reported graduating with debt. Asian students continue to report lower debt (85 percent) with a mean graduate debt of \$232,122. Additional data displaying debt by demographic factors are in Tables 2.3 – 3.1a.

Table 8.1: The mean scholarship/grant award amount reported by 2023 graduates is \$71,478. Sixty-three percent of graduates reported receiving scholarship/grant awards. Public COM graduates reported receiving higher scholarships and grants totals compared to private COM graduates. Scholarships and grants reported by public COM graduates total \$54,723, with private COM graduates reporting \$76,255. Seventy percent of public COM 2023 graduates reported receiving scholarships and grants, compared to 61 percent of private COM graduates—a difference of 13.7 percent. Data showing scholarships and grants by demographic factors are in Tables 8.1 – 9.6.

Satisfaction with Osteopathic Medical Education

Table 11: Sixty-six percent of the 2023 graduates reported being “very satisfied” or “satisfied” with their osteopathic medical training. The mean satisfaction rating is 3.8 on a scale from 1 to 5; 1 being “very dissatisfied” and 5 being “very satisfied.”

Table 12: Seventy-two percent of the 2023 graduates reported being “very satisfied” or “satisfied” with their career selection in osteopathic medicine. The mean satisfaction rating is 4.0 on a scale from 1 to 5; 1 being “very dissatisfied” and 5 being “very satisfied.”

Graduate Osteopathic Medical Education and Primary Care Specialty Plans

Table 66: Sixty-four percent of the 2023 graduates reported entering an ACGME residency without osteopathic recognition immediately after graduation—an increase of 1.6 percent from 2022. Twenty-five percent reported entering an ACGME residency with osteopathic recognition—consistent from the previous year's reported total.

Tables 81 & 83: Fifty-four percent of graduates reported plans to specialize in the primary care disciplines of general internal medicine, general pediatrics, and family medicine. The highest-rated influence on specialty choice is “Intellectual Content of the Specialty” with a rating of 3.0 on a scale of 0 to 4; 0 being “no influence” and 4 being “major influence.” The least three factors that influence specialty choices are “Prestige/Income Potential,” “Debt Level,” and “Program has Osteopathic Recognition.” Tables 66 – 84 display more complete information on specialty and practice plans.

If you have any questions, please contact AACOM Research Department at research@aacom.org.

Table I.1: Mean Osteopathic Medical Education Debt - Graduating Seniors*

| Source of Debt | Debt [‡] | | | % in Debt | | |
|--|-------------------|-----------|-----------|-------------|--------|---------|
| | All Schools | Public | Private | All Schools | Public | Private |
| Total Osteopathic Medical Education Loans | | | | | | |
| 2022-2023 | \$254,987 | \$236,175 | \$259,652 | 90% | 90% | 90% |
| 2021-2022 | \$252,094 | \$224,124 | \$256,659 | 90% | 91% | 90% |
| 2020-2021 | \$257,335 | \$241,588 | \$259,995 | 91% | 92% | 90% |
| Unsubsidized Stafford or FFELP | | | | | | |
| 2022-2023 | \$158,546 | \$159,969 | \$158,161 | 86% | 88% | 86% |
| 2021-2022 | \$157,926 | \$155,764 | \$158,309 | 86% | 89% | 85% |
| 2020-2021 | \$162,539 | \$163,788 | \$162,317 | 88% | 90% | 88% |
| Subsidized Stafford or FFELP | | | | | | |
| 2022-2023 | \$33,420 | \$34,606 | \$33,074 | 49% | 51% | 49% |
| 2021-2022 | \$32,671 | \$31,157 | \$32,944 | 43% | 43% | 43% |
| 2020-2021 | \$33,306 | \$37,415 | \$32,615 | 45% | 48% | 45% |
| Graduate PLUS | | | | | | |
| 2022-2023 | \$136,074 | \$106,000 | \$143,194 | 81% | 81% | 81% |
| 2021-2022 | \$130,517 | \$105,503 | \$133,892 | 79% | 74% | 80% |
| 2020-2021 | \$126,894 | \$110,244 | \$129,400 | 82% | 80% | 82% |
| Perkins | | | | | | |
| 2022-2023 | \$18,943 | \$13,215 | \$20,128 | 8% | 7% | 9% |
| 2021-2022 | \$16,745 | \$7,477 | \$17,981 | 6% | 5% | 6% |
| 2020-2021 | \$20,526 | \$20,964 | \$20,426 | 8% | 10% | 8% |
| Loans for Disadvantaged Students (LDS) | | | | | | |
| 2022-2023 | \$19,323 | \$29,617 | \$14,177 | 3% | 5% | 3% |
| 2021-2022 | \$52,339 | \$90,224 | \$61,005 | 2% | 6% | 3% |
| 2020-2021 | \$50,994 | \$67,000 | \$42,991 | 1% | 2% | 1% |
| Primary Care Loan (PCL) | | | | | | |
| 2022-2023 | \$139,363 | \$86,165 | \$147,675 | 5% | 3% | 5% |
| 2021-2022 | \$123,517 | \$90,224 | \$132,880 | 3% | 4% | 3% |
| 2020-2021 | \$166,261 | \$139,140 | \$170,002 | 3% | 3% | 3% |
| Other State-Issued Loans | | | | | | |
| 2022-2023 | \$79,932 | \$17,792 | \$106,221 | 5% | 7% | 4% |
| 2021-2022 | \$75,087 | \$63,970 | \$79,391 | 3% | 6% | 3% |
| 2020-2021 | \$87,696 | \$39,267 | \$103,839 | 3% | 6% | 3% |
| Osteopathic Association Loans | | | | | | |
| 2022-2023 | \$3,238 | \$337 | \$4,109 | 2% | 2% | 2% |
| 2021-2022 | \$29,887 | \$20,004 | \$32,852 | 1% | 1% | 1% |
| 2020-2021 | \$21,358 | \$0 | \$21,358 | 0% | 0% | 0% |
| Alternative Loans | | | | | | |
| 2022-2023 | \$101,662 | \$81,841 | \$106,483 | 6% | 5% | 6% |
| 2021-2022 | \$111,196 | \$36,704 | \$118,499 | 4% | 2% | 4% |
| 2020-2021 | \$105,778 | \$15,000 | \$116,253 | 3% | 2% | 3% |
| Other | | | | | | |
| 2022-2023 | \$134,636 | \$85,109 | \$143,399 | 17% | 14% | 18% |
| 2021-2022 | \$145,762 | \$79,770 | \$151,313 | 16% | 8% | 17% |
| 2020-2021 | \$139,013 | \$143,250 | \$138,653 | 15% | 8% | 16% |

*All debt data are self-reported by survey respondents.

‡Mean taken from responses greater than zero.

Table I.1a: Median Osteopathic Medical Education Debt - Graduating Seniors*

| Source of Debt | Debt | | | # of Students | |
|--|-------------|-----------|-----------|---------------|---------|
| | All Schools | Public | Private | Public | Private |
| Total Osteopathic Medical Education Loans | | | | | |
| 2022-2023 | \$274,000 | \$250,000 | \$280,000 | 453 | 1,827 |
| 2021-2022 | \$268,751 | \$233,794 | \$272,736 | 456 | 2,794 |
| 2020-2021 | \$274,000 | \$248,762 | \$278,110 | 379 | 2,244 |
| Unsubsidized Stafford or FFELP | | | | | |
| 2022-2023 | \$176,413 | \$176,277 | \$176,439 | 409 | 1,510 |
| 2021-2022 | \$179,868 | \$175,334 | \$180,000 | 424 | 2,394 |
| 2020-2021 | \$181,999 | \$178,912 | \$182,118 | 355 | 2,002 |
| Subsidized Stafford or FFELP | | | | | |
| 2022-2023 | \$25,000 | \$32,000 | \$24,127 | 137 | 470 |
| 2021-2022 | \$23,753 | \$20,000 | \$24,650 | 119 | 659 |
| 2020-2021 | \$23,179 | \$42,842 | \$22,972 | 90 | 535 |
| Graduate PLUS | | | | | |
| 2022-2023 | \$122,395 | \$87,636 | \$132,783 | 312 | 1,318 |
| 2021-2022 | \$119,853 | \$96,699 | \$120,000 | 271 | 2,008 |
| 2020-2021 | \$115,373 | \$100,000 | \$120,000 | 244 | 1,621 |
| Perkins | | | | | |
| 2022-2023 | \$4,657 | \$4,350 | \$4,876 | 12 | 58 |
| 2021-2022 | \$4,544 | \$1,150 | \$5,000 | 10 | 75 |
| 2020-2021 | \$5,000 | \$5,500 | \$5,000 | 15 | 66 |
| Loans for Disadvantaged Students (LDS) | | | | | |
| 2022-2023 | \$3,000 | \$12,000 | \$76 | 9 | 18 |
| 2021-2022 | \$45,174 | \$52,174 | \$13,001 | 12 | 12 |
| 2020-2021 | \$40,000 | \$60,000 | \$27,500 | 3 | 6 |
| Primary Care Loan (PCL) | | | | | |
| 2022-2023 | \$97,000 | \$1,000 | \$98,500 | 5 | 32 |
| 2021-2022 | \$100,000 | \$40,000 | \$100,000 | 9 | 32 |
| 2020-2021 | \$150,000 | \$142,740 | \$150,000 | 4 | 29 |
| Other State-Issued Loans | | | | | |
| 2022-2023 | \$20,000 | \$17,700 | \$45,000 | 11 | 26 |
| 2021-2022 | \$40,000 | \$31,500 | \$41,000 | 12 | 31 |
| 2020-2021 | \$27,567 | \$22,000 | \$38,579 | 8 | 24 |
| Osteopathic Association Loans | | | | | |
| 2022-2023 | \$6 | \$11 | \$6 | 3 | 10 |
| 2021-2022 | \$1,000 | \$10 | \$11,750 | 3 | 10 |
| 2020-2021 | \$10,000 | \$0 | \$10,000 | 0 | 4 |
| Alternative Loans | | | | | |
| 2022-2023 | \$32,110 | \$15,000 | \$40,000 | 9 | 37 |
| 2021-2022 | \$77,376 | \$8,500 | \$85,000 | 5 | 51 |
| 2020-2021 | \$80,000 | \$15,000 | \$99,324 | 3 | 26 |
| Other | | | | | |
| 2022-2023 | \$83,000 | \$8,000 | \$99,000 | 23 | 130 |
| 2021-2022 | \$100,000 | \$42,500 | \$101,000 | 18 | 214 |
| 2020-2021 | \$120,000 | \$110,000 | \$120,000 | 12 | 141 |

*All debt data are self-reported by survey respondents.

Table I.2: Mean Non-Osteopathic Medical Education Debt - Graduating Seniors*

| Source of Debt | Debt [‡] | | | % in Debt | | |
|--|-------------------|-----------|-----------|-------------|--------|---------|
| | All Schools | Public | Private | All Schools | Public | Private |
| At Entry, Loans Owing for Undergraduate Education | | | | | | |
| 2022-2023 | \$46,023 | \$43,789 | \$46,605 | 43% | 47% | 42% |
| 2021-2022 | \$47,284 | \$43,034 | \$47,922 | 41% | 42% | 41% |
| 2020-2021 | \$51,116 | \$46,383 | \$51,898 | 47% | 50% | 47% |
| At Entry, Loans Owing for Graduate Education† | | | | | | |
| 2022-2023 | \$116,070 | \$136,831 | \$111,721 | 23% | 21% | 24% |
| 2021-2022 | \$99,147 | \$98,578 | \$99,205 | 23% | 16% | 24% |
| 2020-2021 | \$51,529 | \$53,736 | \$51,320 | 15% | 10% | 16% |
| Reported Family Loans to be Repaid by Student | | | | | | |
| 2022-2023 | \$103,998 | \$83,292 | \$109,710 | 5% | 5% | 5% |
| 2021-2022 | \$107,408 | \$80,722 | \$111,268 | 5% | 5% | 5% |
| 2020-2021 | \$113,542 | \$125,467 | \$111,698 | 4% | 4% | 4% |
| Reported Non-Educational Debt | | | | | | |
| 2022-2023 | \$29,771 | \$32,435 | \$29,134 | 38% | 39% | 38% |
| 2021-2022 | \$29,714 | \$29,028 | \$29,804 | 34% | 30% | 34% |
| 2020-2021 | \$30,486 | \$28,011 | \$30,881 | 33% | 33% | 33% |

*All debt data are self-reported by respondents of the survey.

‡Mean taken from responses greater than zero.

† In 2021-2022, the Graduating Senior Survey was updated to collect undergraduate and graduate education debt separately.

Table I.2a: Median Non-Osteopathic Medical Education Debt - Graduating Seniors*

| Source of Debt | Debt | | | # of Students | |
|--|-------------|-----------|----------|---------------|---------|
| | All Schools | Public | Private | Public | Private |
| At Entry, Loans Owing for Undergraduate Education | | | | | |
| 2022-2023 | \$28,000 | \$30,000 | \$27,736 | 308 | 1,181 |
| 2021-2022 | \$28,126 | \$27,000 | \$29,000 | 247 | 1,647 |
| 2020-2021 | \$30,000 | \$30,000 | \$30,000 | 257 | 1,555 |
| At Entry, Loans Owing for Graduate Education† | | | | | |
| 2022-2023 | \$57,000 | \$80,000 | \$52,500 | 137 | 654 |
| 2021-2022 | \$50,000 | \$53,000 | \$50,000 | 94 | 928 |
| 2020-2021 | \$40,000 | \$36,915 | \$40,000 | 46 | 486 |
| Reported Family Loans to be Repaid by Student | | | | | |
| 2022-2023 | \$40,000 | \$35,000 | \$50,000 | 24 | 87 |
| 2021-2022 | \$63,500 | \$80,000 | \$60,000 | 23 | 159 |
| 2020-2021 | \$82,500 | \$100,000 | \$80,000 | 15 | 97 |
| Reported Non-Educational Debt | | | | | |
| 2022-2023 | \$15,000 | \$15,000 | \$15,000 | 231 | 965 |
| 2021-2022 | \$15,000 | \$17,000 | \$15,000 | 167 | 1,280 |
| 2020-2021 | \$15,000 | \$15,000 | \$15,000 | 161 | 1,010 |

*All debt data are self-reported by respondents of the survey.

† In 2021-2022, the Graduating Senior Survey was updated to collect undergraduate and graduate education debt separately.

Table 2.1: Reported Debt and Gender

| Gender | Debt[‡] Mean | Debt Median | % in Debt | # of Students |
|---------------|----------------------------------|------------------------|------------------|--------------------------|
| Male | | | | |
| 2022-2023 | \$258,490 | \$279,003 | 90% | 1,090 |
| 2021-2022 | \$255,208 | \$270,575 | 89% | 1,642 |
| 2020-2021 | \$257,757 | \$279,006 | 91% | 1,369 |
| Female | | | | |
| 2022-2023 | \$253,419 | \$271,047 | 89% | 1,178 |
| 2021-2022 | \$249,574 | \$264,539 | 91% | 1,588 |
| 2020-2021 | \$257,157 | \$270,000 | 90% | 1,216 |

‡Mean taken from responses greater than zero.

Table 2.2: Reported Debt and Race/Ethnicity

| Race/Ethnicity | Debt[‡] Mean | Debt Median | % in Debt | # of Students |
|----------------------------------|----------------------------------|------------------------|------------------|--------------------------|
| White | | | | |
| 2022-2023 | \$260,788 | \$280,000 | 91% | 1,458 |
| 2021-2022 | \$257,987 | \$275,000 | 91% | 2,009 |
| 2020-2021 | \$263,192 | \$279,000 | 91% | 1,646 |
| Asian | | | | |
| 2022-2023 | \$232,122 | \$240,000 | 85% | 434 |
| 2021-2022 | \$230,352 | \$240,000 | 85% | 642 |
| 2020-2021 | \$234,048 | \$250,000 | 88% | 531 |
| Hispanic/Latino | | | | |
| 2022-2023 | \$262,257 | \$294,751 | 90% | 182 |
| 2021-2022 | \$254,979 | \$270,000 | 91% | 290 |
| 2020-2021 | \$254,239 | \$280,000 | 93% | 217 |
| Black or African American | | | | |
| 2022-2023 | \$300,722 | \$312,706 | 97% | 58 |
| 2021-2022 | \$295,783 | \$303,245 | 97% | 104 |
| 2020-2021 | \$295,353 | \$314,824 | 95% | 62 |
| All Others* | | | | |
| 2022-2023 | \$251,363 | \$278,507 | 89% | 84 |
| 2021-2022 | \$243,526 | \$252,658 | 90% | 94 |
| 2020-2021 | \$265,964 | \$281,196 | 87% | 72 |

‡Mean taken from responses greater than zero.

*All Others include respondents indicating American Indian and Alaskan Native, Native Hawaiian and Pacific Islander or multiple races.

Table 2.3: Reported Debt and Marital Status

| Marital Status | Debt[‡] Mean | Debt Median | % in Debt | # of Students |
|---------------------------|----------------------------------|------------------------|------------------|--------------------------|
| Married/Cohabiting | | | | |
| 2022-2023 | \$261,360 | \$283,529 | 91% | 793 |
| 2021-2022 | \$263,233 | \$280,000 | 91% | 1,137 |
| 2020-2021 | \$258,010 | \$276,182 | 92% | 974 |
| Single | | | | |
| 2022-2023 | \$253,037 | \$270,000 | 89% | 1,473 |
| 2021-2022 | \$246,720 | \$260,000 | 89% | 2,085 |
| 2020-2021 | \$256,445 | \$271,958 | 90% | 1,614 |

‡Mean taken from responses greater than zero.

Table 2.4: Reported Debt and Financial Status

| Financial Status | Debt[‡] Mean | Debt Median | % in Debt | # of Students |
|-------------------------|----------------------------------|------------------------|------------------|--------------------------|
| Independent | | | | |
| 2022-2023 | \$274,246 | \$295,226 | 94% | 1,468 |
| 2021-2022 | \$269,582 | \$285,000 | 94% | 2,159 |
| 2020-2021 | \$270,399 | \$289,000 | 95% | 1,842 |
| Dependent | | | | |
| 2022-2023 | \$222,745 | \$230,000 | 83% | 793 |
| 2021-2022 | \$218,295 | \$224,000 | 83% | 1,066 |
| 2020-2021 | \$224,910 | \$225,000 | 82% | 736 |

‡Mean taken from responses greater than zero.

Table 2.5: Reported Debt and Parental Income

| Parental Income | Debt[‡] Mean | Debt Median | % in Debt | # of Students |
|------------------------------|----------------------------------|------------------------|------------------|--------------------------|
| \$49,999 or less | | | | |
| 2022-2023 | \$271,411 | \$300,000 | 94% | 266 |
| 2021-2022 | \$267,713 | \$282,420 | 95% | 406 |
| 2020-2021 | \$271,091 | \$289,247 | 95% | 349 |
| \$50,000 - \$99,999 | | | | |
| 2022-2023 | \$275,359 | \$298,700 | 93% | 503 |
| 2021-2022 | \$260,996 | \$275,070 | 95% | 851 |
| 2020-2021 | \$266,273 | \$280,000 | 94% | 704 |
| \$100,000 - \$199,999 | | | | |
| 2022-2023 | \$254,582 | \$269,957 | 92% | 718 |
| 2021-2022 | \$254,578 | \$270,576 | 92% | 999 |
| 2020-2021 | \$259,011 | \$277,642 | 92% | 767 |
| \$200,000 or more | | | | |
| 2022-2023 | \$236,604 | \$250,000 | 83% | 607 |
| 2021-2022 | \$232,512 | \$248,000 | 81% | 729 |
| 2020-2021 | \$235,855 | \$249,000 | 83% | 590 |

‡Mean taken from responses greater than zero.

Table 2.6: Reported Debt and Parental Education

| Parental Education [†] | Debt [‡] Mean | Debt Median | % in Debt | # of Students |
|-------------------------------------|---------------------------|----------------|-----------|------------------|
| Graduate/Professional Degree | | | | |
| 2022-2023 | \$250,154 | \$260,000 | 87% | 1,092 |
| 2021-2022 | \$243,538 | \$260,000 | 86% | 1,536 |
| 2020-2021 | \$248,544 | \$260,267 | 88% | 1,202 |
| Bachelor's Degree | | | | |
| 2022-2023 | \$253,225 | \$276,000 | 91% | 645 |
| 2021-2022 | \$256,143 | \$270,000 | 93% | 951 |
| 2020-2021 | \$261,590 | \$278,674 | 93% | 776 |
| No College Degree | | | | |
| 2022-2023 | \$273,554 | \$293,250 | 95% | 509 |
| 2021-2022 | \$266,960 | \$282,322 | 94% | 723 |
| 2020-2021 | \$267,941 | \$284,097 | 94% | 605 |

[†]Highest education level indicated between mother and father considered.

[‡]Mean taken from responses greater than zero.

Table 3.1: Mean Reported Debt, Parental Income, and Financial Independence/Dependence

| Parental Income | Debt [‡] | | Debt % Difference | % in Debt | |
|------------------------------|-------------------|-------------|----------------------|-----------|-------------|
| | Dependent | Independent | | Dependent | Independent |
| \$49,999 or less | | | | | |
| 2022-2023 | \$206,158 | \$287,470 | 33% | 94% | 94% |
| 2021-2022 | \$227,859 | \$278,347 | 20% | 94% | 95% |
| 2020-2021 | \$249,249 | \$276,738 | 10% | 90% | 97% |
| \$50,000 - \$99,999 | | | | | |
| 2022-2023 | \$239,016 | \$288,158 | 19% | 89% | 95% |
| 2021-2022 | \$226,285 | \$272,585 | 19% | 90% | 96% |
| 2020-2021 | \$240,736 | \$273,752 | 13% | 90% | 95% |
| \$100,000 - \$199,999 | | | | | |
| 2022-2023 | \$230,782 | \$269,532 | 15% | 88% | 95% |
| 2021-2022 | \$225,703 | \$271,564 | 18% | 88% | 94% |
| 2020-2021 | \$228,945 | \$271,819 | 17% | 85% | 95% |
| \$200,000 or more | | | | | |
| 2022-2023 | \$209,552 | \$261,846 | 22% | 76% | 91% |
| 2021-2022 | \$207,012 | \$254,433 | 21% | 73% | 89% |
| 2020-2021 | \$206,102 | \$255,259 | 21% | 73% | 92% |

[‡]Mean taken from responses greater than zero.

Table 3.1a: Median Reported Debt, Parental Income, and Financial Independence/Dependence

| Parental Income | Debt‡ | | # of Students | |
|------------------------------|-----------|-------------|---------------|-------------|
| | Dependent | Independent | Dependent | Independent |
| \$49,999 or less | | | | |
| 2022-2023 | \$200,000 | \$308,592 | 49 | 216 |
| 2021-2022 | \$244,840 | \$300,000 | 80 | 325 |
| 2020-2021 | \$250,232 | \$299,000 | 76 | 271 |
| \$50,000 - \$99,999 | | | | |
| 2022-2023 | \$250,000 | \$300,000 | 131 | 372 |
| 2021-2022 | \$224,000 | \$285,446 | 213 | 638 |
| 2020-2021 | \$245,384 | \$286,298 | 161 | 542 |
| \$100,000 - \$199,999 | | | | |
| 2022-2023 | \$240,000 | \$289,000 | 277 | 441 |
| 2021-2022 | \$240,000 | \$289,000 | 370 | 629 |
| 2020-2021 | \$237,799 | \$289,500 | 227 | 536 |
| \$200,000 or more | | | | |
| 2022-2023 | \$220,000 | \$280,000 | 293 | 314 |
| 2021-2022 | \$208,181 | \$270,620 | 337 | 392 |
| 2020-2021 | \$200,000 | \$281,166 | 236 | 353 |

‡Mean taken from responses greater than zero.

Table 4: Osteopathic Education Debt, Consolidation & Repayment Plans

| Will Consolidate Debt | % Students | # of Students |
|----------------------------------|------------|---------------|
| 2022-2023 | 39% | 1,462 |
| 2021-2022 | 41% | 1,944 |
| 2020-2021 | 39% | 1,515 |
| Will Not Consolidate Debt | | |
| 2022-2023 | 26% | 959 |
| 2021-2022 | 28% | 1,321 |
| 2020-2021 | 27% | 1,063 |
| Undecided | | |
| 2022-2023 | 35% | 1,298 |
| 2021-2022 | 32% | 1,508 |
| 2020-2021 | 34% | 1,348 |
| Mean Years to Repay Debt | | |
| 2022-2023 | 12 | 3,330 |
| 2021-2022 | 12 | 4,296 |
| 2020-2021 | 12 | 3,601 |

Table 5: Osteopathic Education Debt & Loan Forgiveness Participation Plans

| | % Students | # of Students |
|-----------------------------|-------------------|----------------------|
| Will Participate | | |
| 2022-2023 | 63% | 2,336 |
| 2021-2022 | 60% | 2,851 |
| 2020-2021 | 51% | 1,995 |
| Will Not Participate | | |
| 2022-2023 | 37% | 1,380 |
| 2021-2022 | 40% | 1,898 |
| 2020-2021 | 49% | 1,903 |

Table 6: Percentage of Graduating Seniors Planning Loan Forgiveness Participation By Program

| | % Students | # of Students |
|--|-------------------|----------------------|
| Hospital Program | | |
| 2022-2023 | 31% | 728 |
| 2021-2022 | 12% | 292 |
| 2020-2021 | 23% | 732 |
| Department of Education's Public Service Loan Forgiveness | | |
| 2022-2023 | 71% | 1,652 |
| 2021-2022 | 67% | 1,576 |
| 2020-2021 | 60% | 1,497 |
| State Loan Forgiveness Program | | |
| 2022-2023 | 21% | 482 |
| 2021-2022 | 6% | 138 |
| 2020-2021 | 15% | 516 |
| National Health Service Corps | | |
| 2022-2023 | 4% | 103 |
| 2021-2022 | 1% | 14 |
| 2020-2021 | 4% | 153 |
| Armed Services (Navy, Army, Air Force) | | |
| 2022-2023 | 2% | 57 |
| 2021-2022 | 0% | 2 |
| 2020-2021 | 1% | 50 |
| Health Resources & Services Admin. Faculty Repayment Program* | | |
| 2022-2023 | 3% | 68 |
| 2021-2022 | 0% | 0 |
| 2020-2021 | --- | --- |
| Indian Health Service Loan Repayment Program | | |
| 2022-2023 | 2% | 39 |
| 2021-2022 | 0% | 1 |
| 2020-2021 | 1% | 40 |
| National Institutes of Health Loan Repayment Program | | |
| 2022-2023 | 5% | 114 |
| 2021-2022 | 0% | 1 |
| 2020-2021 | 3% | 107 |
| Other Loan Forgiveness Programs | | |
| 2022-2023 | 6% | 132 |
| 2021-2022 | 1% | 28 |
| 2020-2021 | 3% | 101 |

*In 2021-2022 additional loan forgiveness programs were included in the Graduations Seniors Survey.

Table 7: Expected Net Income

| | Mean | Median | Mode |
|-----------------------------------|-------------|---------------|-------------|
| One Year After Residency | | | |
| 2022-2023 | \$231,230 | \$250,000 | \$250,000 |
| 2021-2022 | \$219,116 | \$220,000 | \$200,000 |
| 2020-2021 | \$219,914 | \$200,000 | \$200,000 |
| Five Years After Residency | | | |
| 2022-2023 | \$315,075 | \$300,000 | \$300,000 |
| 2021-2022 | \$299,333 | \$300,000 | \$300,000 |
| 2020-2021 | \$297,489 | \$275,000 | \$300,000 |
| Ten Years After Residency | | | |
| 2022-2023 | \$414,145 | \$350,000 | \$300,000 |
| 2021-2022 | \$379,242 | \$330,000 | \$300,000 |
| 2020-2021 | \$361,174 | \$300,000 | \$300,000 |

Table 8.1: Mean Osteopathic Medical Education Scholarship/Grants - Graduating Seniors*

| Source of Scholarship | Award [‡] | | | % Awarded | | |
|--|--------------------|-----------|-----------|-------------|--------|---------|
| | All Schools | Public | Private | All Schools | Public | Private |
| Total Scholarships/Grants | | | | | | |
| 2022-2023 | \$71,478 | \$54,723 | \$76,255 | 63% | 70% | 61% |
| 2021-2022 | \$65,134 | \$50,701 | \$68,152 | 56% | 65% | 55% |
| 2020-2021 | \$63,221 | \$36,544 | \$68,959 | 58% | 71% | 56% |
| National Health Service Corps (NHSC) Scholarship | | | | | | |
| 2022-2023 | \$176,315 | \$64,000 | \$192,360 | 3% | 2% | 3% |
| 2021-2022 | \$140,714 | \$150,000 | \$139,248 | 2% | 2% | 2% |
| 2020-2021 | \$169,771 | \$101,500 | \$181,150 | 1% | 2% | 1% |
| Armed Forces Health Professions (AFHP) Scholarship | | | | | | |
| 2022-2023 | \$245,189 | \$254,653 | \$243,519 | 12% | 10% | 12% |
| 2021-2022 | \$233,560 | \$218,784 | \$235,470 | 12% | 10% | 12% |
| 2020-2021 | \$259,437 | \$235,400 | \$261,840 | 13% | 9% | 14% |
| Veterans Affairs Health Professionals Scholarship Program[§] | | | | | | |
| 2022-2023 | \$239,708 | \$350,000 | \$231,830 | 6% | 2% | 7% |
| 2021-2022 | \$251,311 | \$303,333 | \$247,309 | 3% | 2% | 4% |
| 2020-2021 | --- | --- | --- | --- | --- | --- |
| Post-9/11 GI Bill | | | | | | |
| 2022-2023 | \$92,222 | \$98,813 | \$91,059 | 3% | 2% | 3% |
| 2021-2022 | \$67,297 | \$61,500 | \$67,761 | 2% | 1% | 2% |
| 2020-2021 | \$83,450 | \$25,000 | \$86,526 | 2% | 1% | 2% |
| Indian Health Service Scholarship | | | | | | |
| 2022-2023 | \$99,207 | \$156,928 | \$82,715 | 1% | 1% | 1% |
| 2021-2022 | \$111,169 | \$172,333 | \$50,004 | 0% | 2% | 0% |
| 2020-2021 | \$0 | \$0 | \$0 | 0% | 0% | 0% |
| Western Interstate Commission for Higher Education[§] | | | | | | |
| 2022-2023 | \$44,551 | \$0 | \$44,551 | 1% | 0% | 1% |
| 2021-2022 | --- | --- | --- | --- | --- | --- |
| 2020-2021 | --- | --- | --- | --- | --- | --- |
| Department of Defense Tuition Assistance | | | | | | |
| 2022-2023 | \$27 | \$100 | \$2 | 1% | 1% | 0.5% |
| 2021-2022 | \$75,378 | \$0 | \$75,378 | 0% | 0% | 0.4% |
| 2020-2021 | \$40,100 | \$0 | \$40,100 | 0% | 0% | 0.2% |
| Scholarships for Disadvantaged Students | | | | | | |
| 2022-2023 | \$21,334 | \$22,350 | \$20,736 | 4% | 7% | 3% |
| 2021-2022 | \$13,998 | \$29,571 | \$7,185 | 2% | 4% | 1% |
| 2020-2021 | \$11,490 | \$16,463 | \$9,577 | 4% | 8% | 3% |
| State Government Scholarship/Grant | | | | | | |
| 2022-2023 | \$14,325 | \$6,074 | \$16,560 | 8% | 9% | 8% |
| 2021-2022 | \$25,124 | \$17,825 | \$26,650 | 6% | 7% | 6% |
| 2020-2021 | \$23,527 | \$12,021 | \$26,310 | 8% | 11% | 7% |
| Award from Osteopathic Medical School | | | | | | |
| 2022-2023 | \$21,126 | \$22,059 | \$20,806 | 41% | 51% | 39% |
| 2021-2022 | \$16,440 | \$10,793 | \$17,683 | 33% | 40% | 32% |
| 2020-2021 | \$17,478 | \$13,419 | \$18,478 | 40% | 54% | 37% |
| Tuition Waiver | | | | | | |
| 2022-2023 | \$65,322 | \$70,608 | \$60,563 | 5% | 12% | 3% |
| 2021-2022 | \$48,642 | \$91,191 | \$35,779 | 4% | 7% | 4% |
| 2020-2021 | \$61,314 | \$63,270 | \$60,581 | 4% | 9% | 4% |

Table 8.1: Mean Osteopathic Medical Education Scholarship/Grants (Continued)*

| Source of Scholarship | Award [‡] | | | % Awarded | | |
|--|--------------------|----------|----------|-------------|--------|---------|
| | All Schools | Public | Private | All Schools | Public | Private |
| Osteopathic Association | | | | | | |
| 2022-2023 | \$8,805 | \$12,113 | \$6,712 | 10% | 19% | 8% |
| 2021-2022 | \$7,148 | \$9,897 | \$6,048 | 7% | 13% | 6% |
| 2020-2021 | \$9,888 | \$13,967 | \$8,795 | 7% | 11% | 6% |
| Diversity/Minority Scholarship§ | | | | | | |
| 2022-2023 | \$16,316 | \$13,909 | \$17,297 | 5% | 7% | 4% |
| 2021-2022 | \$10,738 | \$4,609 | \$12,343 | 4% | 6% | 4% |
| 2020-2021 | --- | --- | --- | --- | --- | --- |
| Other Sources | | | | | | |
| 2022-2023 | \$31,729 | \$16,260 | \$34,900 | 22% | 21% | 23% |
| 2021-2022 | \$24,178 | \$20,163 | \$25,322 | 18% | 26% | 17% |
| 2020-2021 | \$26,447 | \$8,107 | \$30,473 | 18% | 25% | 17% |

*All award data are self-reported by survey respondents.

‡Mean taken from responses greater than zero.

§In 2021-2022 and 2022-2023 additional scholarships/grants were included in the Graduating Senior Survey.

Table 8.1a: Median Osteopathic Medical Education Scholarship/Grants - Graduating Seniors*

| Source of Scholarship | Award | | | # of Students | |
|---|-------------|-----------|-----------|---------------|---------|
| | All Schools | Public | Private | Public | Private |
| Total Scholarships/Grants | | | | | |
| 2022-2023 | \$12,000 | \$14,000 | \$11,463 | 195 | 684 |
| 2021-2022 | \$10,000 | \$10,000 | \$10,000 | 203 | 971 |
| 2020-2021 | \$10,000 | \$8,000 | \$10,000 | 171 | 795 |
| National Health Service Corps (NHSC) Scholarship | | | | | |
| 2022-2023 | \$162,289 | \$20,000 | \$195,651 | 3 | 21 |
| 2021-2022 | \$125,000 | \$120,000 | \$130,000 | 3 | 19 |
| 2020-2021 | \$200,000 | \$101,500 | \$200,000 | 2 | 12 |
| Armed Forces Health Professions (AFHP) Scholarship | | | | | |
| 2022-2023 | \$250,000 | \$240,000 | \$250,000 | 15 | 85 |
| 2021-2022 | \$240,000 | \$200,000 | \$240,000 | 19 | 147 |
| 2020-2021 | \$250,000 | \$260,000 | \$250,000 | 13 | 130 |
| Veterans Affairs Health Professionals Scholarship Program§ | | | | | |
| 2022-2023 | \$240,000 | \$350,000 | \$240,000 | 3 | 42 |
| 2021-2022 | \$227,500 | \$350,000 | \$215,000 | 3 | 39 |
| 2020-2021 | \$250,000 | \$260,000 | \$250,000 | 13 | 130 |
| Post-9/11 GI Bill | | | | | |
| 2022-2023 | \$68,720 | \$73,440 | \$64,000 | 3 | 17 |
| 2021-2022 | \$52,000 | \$61,500 | \$52,000 | 2 | 25 |
| 2020-2021 | \$37,500 | \$25,000 | \$40,000 | 1 | 19 |
| Indian Health Service Scholarship | | | | | |
| 2022-2023 | \$113,856 | \$156,928 | \$7,000 | 2 | 7 |
| 2021-2022 | \$131,000 | \$200,000 | \$10 | 3 | 3 |
| 2020-2021 | \$0 | \$0 | \$0 | 0 | 0 |
| Western Interstate Commission for Higher Education§ | | | | | |
| 2022-2023 | \$46,850 | \$0 | \$46,850 | 0 | 7 |
| 2021-2022 | --- | --- | --- | --- | --- |
| 2020-2021 | --- | --- | --- | --- | --- |

Table 8.1a: Median Osteopathic Medical Education Scholarship/Grants (Continued)*

| Source of Scholarship | Award | | | # of Students | |
|---|-------------|-----------|-----------|---------------|---------|
| | All Schools | Public | Private | Public | Private |
| Department of Defense Tuition Assistance | | | | | |
| 2022-2023 | \$3 | \$100 | \$1 | 1 | 1 |
| 2021-2022 | \$755 | \$0 | \$755 | 0 | 4 |
| 2020-2021 | \$40,100 | \$0 | \$40,100 | 0 | 2 |
| Scholarships for Disadvantaged Students | | | | | |
| 2022-2023 | \$10,000 | \$20,000 | \$5,000 | 10 | 17 |
| 2021-2022 | \$10,000 | \$25,000 | \$3,000 | 7 | 16 |
| 2020-2021 | \$8,500 | \$16,963 | \$5,000 | 10 | 26 |
| State Government Scholarship/Grant | | | | | |
| 2022-2023 | \$5,000 | \$3,500 | \$6,750 | 13 | 48 |
| 2021-2022 | \$6,400 | \$8,000 | \$6,400 | 14 | 67 |
| 2020-2021 | \$6,000 | \$7,500 | \$5,633 | 15 | 62 |
| Award from Osteopathic Medical School | | | | | |
| 2022-2023 | \$8,000 | \$9,500 | \$8,000 | 107 | 311 |
| 2021-2022 | \$5,000 | \$4,000 | \$5,000 | 96 | 436 |
| 2020-2021 | \$6,000 | \$5,000 | \$6,000 | 101 | 410 |
| Tuition Waiver | | | | | |
| 2022-2023 | \$53,500 | \$49,638 | \$53,500 | 18 | 20 |
| 2021-2022 | \$43,500 | \$84,000 | \$20,000 | 13 | 43 |
| 2020-2021 | \$52,900 | \$48,000 | \$54,000 | 12 | 32 |
| Osteopathic Association | | | | | |
| 2022-2023 | \$3,000 | \$4,000 | \$3,000 | 31 | 49 |
| 2021-2022 | \$2,500 | \$2,750 | \$2,000 | 26 | 65 |
| 2020-2021 | \$3,000 | \$5,000 | \$2,763 | 15 | 56 |
| Diversity/Minority Scholarship§ | | | | | |
| 2022-2023 | \$3,250 | \$3,500 | \$3,000 | 11 | 27 |
| 2021-2022 | \$3,500 | \$25,000 | \$3,000 | 11 | 42 |
| 2020-2021 | \$250,000 | \$260,000 | \$250,000 | 13 | 130 |
| Other Sources | | | | | |
| 2022-2023 | \$6,000 | \$8,000 | \$6,000 | 33 | 161 |
| 2021-2022 | \$5,500 | \$7,000 | \$5,000 | 57 | 200 |
| 2020-2021 | \$5,000 | \$3,000 | \$5,000 | 36 | 164 |

*All award data are self-reported by survey respondents.

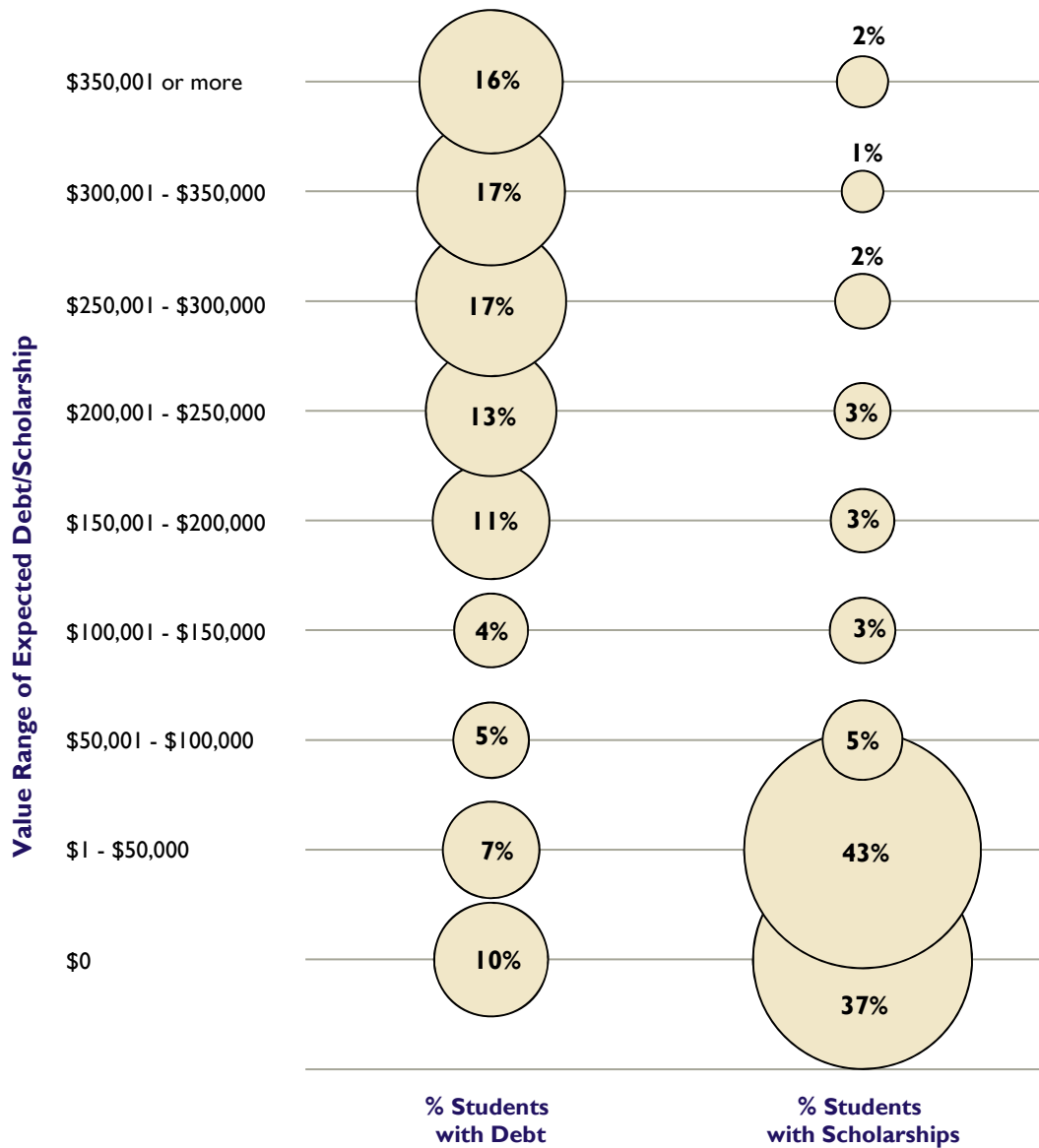
§In 2021-2022 and 2022-2023 additional scholarships/grants were included in the Graduating Senior Survey.

Table 8.2: Award and AFHP and NHSC Scholarships - Graduating Seniors

| Source of Scholarship | Mean Award‡ | | Median Award | | % Awarded | |
|-----------------------------------|-------------|----------|--------------|----------|-----------|---------|
| | Public | Private | Public | Private | Public | Private |
| Total Scholarships/Grants | | | | | | |
| 2022-2023 | \$54,723 | \$76,255 | \$14,000 | \$11,463 | 70% | 61% |
| 2021-2022 | \$50,701 | \$68,152 | \$10,000 | \$10,000 | 65% | 55% |
| 2020-2021 | \$36,544 | \$68,959 | \$8,000 | \$10,000 | 71% | 56% |
| Non-AFHP/NHSC Scholarships | | | | | | |
| 2022-2023 | \$37,380 | \$47,026 | \$12,000 | \$10,000 | 68% | 58% |
| 2021-2022 | \$31,411 | \$35,506 | \$7,500 | \$7,500 | 63% | 50% |
| 2020-2021 | \$18,980 | \$28,024 | \$7,000 | \$8,000 | 69% | 51% |

‡Mean taken from responses greater than zero.

Chart I: Percentage of Students with Reported Debt and Scholarships*



*Bubble sizes are proportional to the percentage/number of students with debt/scholarships and may appear inconsistent due to rounding.

Table 9.1: Scholarship Award and Gender

| Gender | Mean Award‡ | Median Award | % Awarded | # of Students |
|---------------|-------------|--------------|-----------|---------------|
| Male | | | | |
| 2022-2023 | \$83,285 | \$15,000 | 64% | 392 |
| 2021-2022 | \$75,757 | \$12,000 | 55% | 556 |
| 2020-2021 | \$76,075 | \$10,000 | 57% | 459 |
| Female | | | | |
| 2022-2023 | \$62,487 | \$10,500 | 62% | 483 |
| 2021-2022 | \$55,276 | \$9,900 | 58% | 614 |
| 2020-2021 | \$51,550 | \$10,000 | 60% | 491 |

‡Mean taken from responses greater than zero.

Table 9.1a: Award and Gender

| Source of Scholarship/Grant | Mean Award [‡] | | Median Award | | % Awarded | |
|----------------------------------|-------------------------|-----------|--------------|-----------|-----------|--------|
| | Male | Female | Male | Female | Male | Female |
| Total Scholarships/Grants | | | | | | |
| 2022-2023 | \$83,285 | \$62,487 | \$15,000 | \$10,500 | 64% | 62% |
| 2021-2022 | \$75,757 | \$55,276 | \$12,000 | \$9,900 | 55% | 58% |
| 2020-2021 | \$76,075 | \$51,550 | \$10,000 | \$10,000 | 57% | 60% |
| AFHP Scholarships | | | | | | |
| 2022-2023 | \$257,037 | \$231,962 | \$260,079 | \$250,000 | 17% | 8% |
| 2021-2022 | \$242,253 | \$219,212 | \$250,000 | \$213,000 | 14% | 10% |
| 2020-2021 | \$267,060 | \$243,467 | \$275,500 | \$240,000 | 17% | 9% |
| Non-AFHP Scholarships | | | | | | |
| 2022-2023 | \$50,531 | \$48,392 | \$10,000 | \$10,000 | 60% | 60% |
| 2021-2022 | \$40,132 | \$34,815 | \$8,000 | \$7,500 | 50% | 55% |
| 2020-2021 | \$27,721 | \$30,149 | \$8,000 | \$8,000 | 52% | 57% |

[‡]Mean taken from responses greater than zero.

Table 9.2: Scholarship Award and Race/Ethnicity

| Race/Ethnicity | Mean Award [‡] | Median Award | % Awarded | # of Students |
|----------------------------------|-------------------------|--------------|-----------|---------------|
| White | | | | |
| 2022-2023 | \$72,303 | \$12,690 | 65% | 578 |
| 2021-2022 | \$70,934 | \$11,900 | 58% | 756 |
| 2020-2021 | \$70,028 | \$12,000 | 60% | 635 |
| Asian | | | | |
| 2022-2023 | \$48,892 | \$6,500 | 49% | 130 |
| 2021-2022 | \$41,689 | \$5,250 | 45% | 184 |
| 2020-2021 | \$37,178 | \$6,000 | 49% | 148 |
| Hispanic/Latino | | | | |
| 2022-2023 | \$98,732 | \$16,850 | 64% | 72 |
| 2021-2022 | \$74,287 | \$12,500 | 58% | 106 |
| 2020-2021 | \$68,706 | \$10,000 | 61% | 78 |
| Black or African American | | | | |
| 2022-2023 | \$61,158 | \$19,000 | 70% | 28 |
| 2021-2022 | \$36,514 | \$9,000 | 70% | 53 |
| 2020-2021 | \$35,763 | \$10,244 | 71% | 34 |
| All Others* | | | | |
| 2022-2023 | \$91,345 | \$56,850 | 80% | 48 |
| 2021-2022 | \$73,735 | \$12,500 | 59% | 45 |
| 2020-2021 | \$76,722 | \$9,500 | 62% | 34 |

[‡]Mean taken from responses greater than zero.

*All Others include respondents indicating American Indian and Alaskan Native, Native Hawaiian and Pacific Islander or multiple races.

Table 9.3: Scholarship Award and Marital Status

| Marital Status | Mean Award[‡] | Median Award | % Awarded | # of Students |
|---------------------------|-------------------------------|---------------------|------------------|----------------------|
| Married/Cohabiting | | | | |
| 2022-2023 | \$82,063 | \$17,250 | 69% | 354 |
| 2021-2022 | \$78,473 | \$16,810 | 65% | 467 |
| 2020-2021 | \$75,836 | \$12,500 | 63% | 385 |
| Single | | | | |
| 2022-2023 | \$64,959 | \$10,664 | 59% | 520 |
| 2021-2022 | \$56,272 | \$9,000 | 52% | 698 |
| 2020-2021 | \$54,654 | \$8,900 | 56% | 572 |

[‡]Mean taken from responses greater than zero.

Table 9.4: Scholarship Award and Financial Status

| Financial Status | Mean Award[‡] | Median Award | % Awarded | # of Students |
|-------------------------|-------------------------------|---------------------|------------------|----------------------|
| Independent | | | | |
| 2022-2023 | \$83,722 | \$16,000 | 72% | 609 |
| 2021-2022 | \$79,619 | \$15,000 | 63% | 836 |
| 2020-2021 | \$71,256 | \$11,000 | 62% | 693 |
| Dependent | | | | |
| 2022-2023 | \$44,472 | \$8,000 | 49% | 260 |
| 2021-2022 | \$28,265 | \$5,760 | 45% | 332 |
| 2020-2021 | \$41,703 | \$8,000 | 50% | 253 |

[‡]Mean taken from responses greater than zero.

Table 9.5: Scholarship Award and Parental Income

| Parental Income | Mean Award[‡] | Median Award | % Awarded | # of Students |
|------------------------------|-------------------------------|---------------------|------------------|----------------------|
| \$49,999 or less | | | | |
| 2022-2023 | \$74,775 | \$23,380 | 67% | 100 |
| 2021-2022 | \$71,192 | \$10,750 | 61% | 141 |
| 2020-2021 | \$57,167 | \$10,000 | 58% | 117 |
| \$50,000 - \$99,999 | | | | |
| 2022-2023 | \$72,734 | \$12,018 | 69% | 206 |
| 2021-2022 | \$61,371 | \$10,000 | 60% | 338 |
| 2020-2021 | \$55,798 | \$10,000 | 62% | 275 |
| \$100,000 - \$199,999 | | | | |
| 2022-2023 | \$67,809 | \$10,000 | 62% | 271 |
| 2021-2022 | \$60,188 | \$10,000 | 58% | 362 |
| 2020-2021 | \$64,477 | \$10,000 | 63% | 294 |
| \$200,000 or more | | | | |
| 2022-2023 | \$72,657 | \$11,250 | 58% | 232 |
| 2021-2022 | \$73,528 | \$9,560 | 49% | 252 |
| 2020-2021 | \$71,742 | \$10,000 | 52% | 211 |

[‡]Mean taken from responses greater than zero.

Table 9.6: Scholarship Award and Parental Education

| Parental Education [†] | Mean Award [‡] | Median Award | % Awarded | # of Students |
|-------------------------------------|-------------------------|--------------|-----------|---------------|
| Graduate/Professional Degree | | | | |
| 2022-2023 | \$75,823 | \$12,000 | 59% | 414 |
| 2021-2022 | \$65,805 | \$10,000 | 54% | 571 |
| 2020-2021 | \$65,902 | \$10,000 | 57% | 453 |
| Bachelor's Degree | | | | |
| 2022-2023 | \$73,793 | \$12,000 | 66% | 255 |
| 2021-2022 | \$62,366 | \$10,000 | 58% | 332 |
| 2020-2021 | \$61,249 | \$10,000 | 58% | 274 |
| No College Degree | | | | |
| 2022-2023 | \$62,939 | \$12,000 | 68% | 198 |
| 2021-2022 | \$66,626 | \$10,000 | 60% | 262 |
| 2020-2021 | \$60,581 | \$10,000 | 63% | 225 |

[†]Highest education level indicated between mother and father considered.

[‡]Mean taken from responses greater than zero.

Table 10: Sources of Funds for Osteopathic Medical Education (% of total cost provided by each source)

| | All Schools | Public | Private |
|----------------------------|-------------|--------|---------|
| Loans | | | |
| 2022-2023 | 73% | 75% | 73% |
| 2021-2022 | 75% | 76% | 75% |
| 2020-2021 | 77% | 79% | 77% |
| Scholarships/Grants | | | |
| 2022-2023 | 8% | 7% | 8% |
| 2021-2022 | 7% | 7% | 7% |
| 2020-2021 | 7% | 6% | 7% |
| Savings | | | |
| 2022-2023 | 2% | 2% | 3% |
| 2021-2022 | 2% | 2% | 3% |
| 2020-2021 | 2% | 2% | 2% |
| Earnings | | | |
| 2022-2023 | 1% | 1% | 1% |
| 2021-2022 | 1% | 2% | 1% |
| 2020-2021 | 1% | 1% | 1% |
| Parents | | | |
| 2022-2023 | 12% | 12% | 13% |
| 2021-2022 | 12% | 11% | 12% |
| 2020-2021 | 11% | 9% | 11% |
| Relatives | | | |
| 2022-2023 | 1% | 1% | 1% |
| 2021-2022 | 1% | 1% | 1% |
| 2020-2021 | 1% | 1% | 1% |
| Other | | | |
| 2022-2023 | 2% | 2% | 2% |
| 2021-2022 | 1% | 1% | 1% |
| 2020-2021 | 1% | 2% | 1% |

Table 11: Evaluation of Quality of Osteopathic Medical Training 2022-2023

| | Students | | | | | |
|------------------------------------|-----------|-------|-----------|-------|-----------|-------|
| | 2022-2023 | | 2021-2022 | | 2020-2021 | |
| | % | # | % | # | % | # |
| Very Satisfied | 15% | 597 | 18% | 957 | 17% | 786 |
| Satisfied | 51% | 2,008 | 56% | 2,986 | 56% | 2,585 |
| Neither Satisfied nor Dissatisfied | 20% | 784 | 15% | 806 | 16% | 741 |
| Dissatisfied | 10% | 394 | 9% | 463 | 10% | 440 |
| Very Dissatisfied | 4% | 139 | 2% | 122 | 2% | 98 |
| Mean Satisfaction Rating* | 3.7 | 3,922 | 3.8 | 5,334 | 3.8 | 4,650 |

*Scale from 1 to 5; 1 being "Very Dissatisfied," 5 being "Very Satisfied."

Table 12: Satisfaction Level with Osteopathic Medicine Career Selection 2022-2023

| | Students | | | | | |
|------------------------------------|-----------|-------|-----------|-------|-----------|-------|
| | 2022-2023 | | 2021-2022 | | 2020-2021 | |
| | % | # | % | # | % | # |
| Very Satisfied | 29% | 1,147 | 33% | 1,736 | 30% | 1,395 |
| Satisfied | 42% | 1,660 | 42% | 2,261 | 42% | 1,970 |
| Neither Satisfied nor Dissatisfied | 20% | 798 | 17% | 914 | 18% | 818 |
| Dissatisfied | 6% | 232 | 6% | 329 | 8% | 374 |
| Very Dissatisfied | 2% | 90 | 2% | 92 | 2% | 94 |
| Mean Satisfaction Rating* | 3.9 | 3,927 | 4.0 | 5,332 | 3.9 | 4,651 |

*Scale from 1 to 5; 1 being "Very Dissatisfied," 5 being "Very Satisfied."

Table 13: 2022-2023 Graduating Seniors, if Starting Over, Would Prefer to Enroll in:

| | Students | | | | | |
|---|-----------|-------|-----------|-------|-----------|-------|
| | 2022-2023 | | 2021-2022 | | 2020-2021 | |
| | % | # | % | # | % | # |
| The osteopathic school from which you are about to graduate | 43% | 1,682 | 43% | 2,293 | 42% | 1,955 |
| Another osteopathic medical school | 10% | 375 | 10% | 515 | 11% | 494 |
| An allopathic medical school | 40% | 1,559 | 42% | 2,220 | 43% | 1,992 |
| Would not have gone to medical school at all | 8% | 295 | 5% | 289 | 4% | 196 |

Table 14: Diversity Valued by Osteopathic Medical School - Graduating Seniors 2022-2023

| | Students | | | | | |
|----------------------------|-----------|-------|-----------|-------|-----------|-------|
| | 2022-2023 | | 2021-2022 | | 2020-2021 | |
| | % | # | % | # | % | # |
| Strongly Agree | 25% | 960 | 27% | 1,420 | 25% | 1,139 |
| Agree | 41% | 1,600 | 44% | 2,333 | 42% | 1,962 |
| Neither Agree nor Disagree | 21% | 802 | 18% | 979 | 20% | 944 |
| Disagree | 10% | 377 | 8% | 425 | 9% | 422 |
| Strongly Disagree | 5% | 176 | 3% | 171 | 4% | 184 |
| Mean Agreement Rating* | 3.7 | 3,915 | 3.8 | 5,328 | 3.7 | 4,651 |

*Scale from 1 to 5; 1 being "Strongly Disagree," 5 being "Strongly Agree."

Table 15: 2022-2023 Graduating Seniors' Satisfaction with Overall Climate/Environment

| | Strongly Agree | Agree | Neither Agree Nor Disagree | Disagree | Strongly Disagree | Not Applicable |
|---|-----------------------|--------------|-----------------------------------|-----------------|--------------------------|-----------------------|
| Able to openly express all identities | 19% | 37% | 20% | 9% | 6% | 9% |
| Able to connect with someone considered a trusted friend or at least one person who helped with struggles | 42% | 40% | 10% | 3% | 3% | 3% |
| School was respectful of individuals and groups with various cultural differences | 23% | 41% | 21% | 7% | 6% | 2% |
| Students were afforded equitable opportunities for success under the same set of standards | 22% | 41% | 21% | 7% | 7% | 2% |
| Safe and inclusive environment | 23% | 44% | 20% | 7% | 5% | 2% |
| A visible culture that supported students while on campus | 21% | 39% | 22% | 9% | 6% | 3% |
| A visible culture that supported students while off campus | 17% | 32% | 27% | 12% | 9% | 3% |
| Felt safe to raise concerns about discrimination | 15% | 30% | 25% | 9% | 9% | 12% |
| A process was in place that led to appropriate outcomes when discrimination concerns were raised | 11% | 25% | 29% | 7% | 6% | 23% |
| School valued and respected the unique attributes students brought to the learning environment | 16% | 39% | 29% | 6% | 5% | 4% |
| Students continued to receive support during clinical years | 14% | 34% | 24% | 13% | 12% | 2% |
| School promoted a culture of civility | 18% | 44% | 24% | 5% | 6% | 3% |

Light blue highlighted categories are those where $\leq 70\%$ are "Strongly Agree" + "Agree."

Grey highlighted categories are those where $\geq 90\%$ are "Strongly Agree" + "Agree."

Table 16: 2022-2023 Graduating Seniors' Wellbeing

| | Strongly Agree | Agree | Slightly Agree | Neither Agree Nor Disagree | Slightly Disagree | Disagree | Strongly Disagree |
|---|-----------------------|--------------|-----------------------|-----------------------------------|--------------------------|-----------------|--------------------------|
| I lead a purposeful and meaningful life | 34% | 43% | 14% | 7% | 1% | 1% | 1% |
| My social relationships are supportive and rewarding | 37% | 41% | 14% | 6% | 2% | 1% | 0% |
| I am engaged and interested in my daily activities | 29% | 42% | 18% | 7% | 2% | 1% | 1% |
| I actively contribute to the happiness and well-being of others | 31% | 43% | 17% | 8% | 1% | 1% | 0% |
| I am competent and capable in the activities that are important to me | 33% | 45% | 14% | 6% | 1% | 0% | 0% |
| I am a good person and live a good life | 36% | 44% | 12% | 7% | 1% | 0% | 0% |
| I am optimistic about my future | 38% | 40% | 13% | 6% | 2% | 1% | 1% |
| People respect me | 28% | 45% | 15% | 10% | 2% | 1% | 0% |

Table 17: 2022-2023 Graduating Seniors' Resilience

| | Always True | Often True | Sometimes True | Rarely True | Not at all True |
|--|--------------------|-------------------|-----------------------|--------------------|------------------------|
| I am able to adapt when changes occur. | 35% | 51% | 13% | 0% | 0% |
| I can deal with whatever comes my way. | 33% | 50% | 17% | 1% | 0% |
| I try to see the humorous side of things when I am faced with problems. | 34% | 41% | 22% | 3% | 0% |
| Having to cope with stress can make me stronger. | 31% | 44% | 23% | 2% | 1% |
| I tend to bounce back after illness, injury or other hardships. | 35% | 47% | 17% | 1% | 0% |
| I believe I can achieve my goals, even if there are obstacles. | 41% | 46% | 12% | 0% | 0% |
| Under pressure, I stay focused and think clearly. | 26% | 50% | 22% | 2% | 0% |
| I am not easily discouraged by failure. | 21% | 40% | 32% | 6% | 1% |
| I think of myself as a strong person when dealing with life's challenges and difficulties. | 34% | 45% | 19% | 2% | 0% |
| I am able to handle unpleasant or painful feelings like sadness, fear and anger. | 30% | 47% | 21% | 2% | 1% |

Table 18: 2022-2023 Graduating Seniors' Purpose and Relevance

| | Strongly Agree | Agree | Slightly Agree | Slightly Disagree | Disagree | Strongly Disagree |
|---|-----------------------|--------------|-----------------------|--------------------------|-----------------|--------------------------|
| I think the clerkships are important. | 62% | 28% | 8% | 2% | 0% | 0% |
| What I am learning in my clerkships is useful to me currently. | 56% | 31% | 10% | 3% | 1% | 0% |
| What I am learning in my clerkships will be useful to me in the future. | 58% | 29% | 10% | 3% | 0% | 1% |
| I often connect what I learn in clerkships to patient care. | 59% | 29% | 9% | 2% | 1% | 0% |
| My preceptors or attendings believe that what I am learning in my clerkships is useful to me currently. | 54% | 34% | 9% | 2% | 1% | 0% |
| My preceptors or attendings believe that what I am learning in my clerkships is useful to me in the future. | 54% | 34% | 10% | 2% | 1% | 0% |
| The preceptors or attendings believe I often connect objectives/material to patient care. | 52% | 35% | 10% | 3% | 0% | 0% |
| The preceptors or attendings believe I find my clerkships interesting | 50% | 37% | 10% | 2% | 0% | 0% |

Light blue highlighted categories are those where $\leq 70\%$ are "Strongly Agree" + "Agree."

Grey highlighted categories are those where $\geq 90\%$ are "Strongly Agree" + "Agree."

Table 19: 2022-2023 Graduating Seniors' Sense of Belonging

| | Strongly Agree | Agree | Slightly Agree | Slightly Disagree | Disagree | Strongly Disagree |
|---|-----------------------|--------------|-----------------------|--------------------------|-----------------|--------------------------|
| When something bad happens, I feel that maybe I don't belong in medical school. | 5% | 13% | 27% | 14% | 27% | 15% |
| Sometimes I feel that I belong in medical school, and sometimes I feel that I don't belong in medical school. | 9% | 20% | 29% | 12% | 17% | 12% |
| I sometimes feel like other students on campus have stronger academic skills than me. | 22% | 31% | 25% | 9% | 8% | 5% |
| I belong at this medical school. | 24% | 41% | 24% | 7% | 2% | 1% |
| I feel like this medical school is a good fit for me. | 20% | 39% | 25% | 9% | 5% | 3% |
| I feel more academically prepared than other students at this medical school. | 9% | 20% | 33% | 24% | 11% | 4% |
| My faculty believes that I belong in medical school. | 23% | 42% | 25% | 6% | 2% | 1% |

Light blue highlighted categories are those where $\leq 70\%$ are "Strongly Agree" + "Agree."

Grey highlighted categories are those where $\geq 90\%$ are "Strongly Agree" + "Agree."

Table 20: 2022-2023 Graduating Seniors' Growth Mindset

| | Strongly Agree | Agree | Slightly Agree | Slightly Disagree | Disagree | Strongly Disagree |
|--|-----------------------|--------------|-----------------------|--------------------------|-----------------|--------------------------|
| You can learn new things, but you cannot really change your basic intelligence. | 3% | 10% | 20% | 21% | 32% | 15% |
| You have a certain amount of intelligence, and you really cannot do much to change it. | 2% | 6% | 15% | 21% | 36% | 20% |
| Your intelligence is something about you that you cannot change very much. | 2% | 6% | 16% | 20% | 37% | 20% |
| The faculty at my medical school seem to believe students have a certain intelligence level, and they really cannot do much to change it. | 3% | 7% | 19% | 24% | 33% | 14% |
| The faculty at my medical school seem to believe that students can learn new things, but they cannot really change their basic intelligence, | 2% | 8% | 21% | 23% | 32% | 14% |
| The faculty at my medical school seem to believe that students either "have it" or they don't. | 5% | 9% | 19% | 22% | 30% | 16% |

Table 21: 2022-2023 Graduating Seniors' Evaluation of Pre-Clinical Training

| | Strongly Agree | Agree | Slightly Agree | Slightly Disagree | Disagree | Strongly Disagree |
|---|-----------------------|--------------|-----------------------|--------------------------|-----------------|--------------------------|
| I think my pre-clinical courses were important. | 22% | 44% | 21% | 8% | 3% | 2% |
| What I am learning in my pre-clinical courses is useful to me currently. | 17% | 39% | 27% | 9% | 5% | 2% |
| What I learned in my pre-clinical courses will be useful to me in the future. | 18% | 39% | 27% | 9% | 5% | 2% |
| I often connect what I learned in my pre-clinical courses to patient care. | 18% | 34% | 30% | 10% | 6% | 3% |
| My pre-clinical instructors believe that what I learned in my pre-clinical courses is useful to me currently. | 32% | 46% | 17% | 4% | 1% | 1% |
| My pre-clinical instructors believe that what I am learning in my clerkships is useful to me in the future. | 37% | 44% | 15% | 3% | 1% | 0% |
| My pre-clinical instructors believe I often connect those objectives/material to patient care. | 27% | 47% | 20% | 5% | 1% | 1% |
| The pre-clinical instructors believe I found my pre-clinical courses interesting. | 22% | 47% | 23% | 5% | 2% | 1% |

Light blue highlighted categories are those where $\leq 70\%$ are "Strongly Agree" + "Agree."

Grey highlighted categories are those where $\geq 90\%$ are "Strongly Agree" + "Agree."

Table 22: 2022-2023 Graduating Seniors' Evaluation of Mental Health Resources During Pre-Clinical Training

| | Strongly Agree | Agree | Slightly Agree | Slightly Disagree | Disagree | Strongly Disagree | Not Applicable |
|--|-----------------------|--------------|-----------------------|--------------------------|-----------------|--------------------------|-----------------------|
| Aware of how to get help for physical problems or illnesses. | 10% | 22% | 20% | 10% | 19% | 16% | 5% |
| Sought care for physical problems or illnesses. | 12% | 25% | 18% | 9% | 18% | 15% | 4% |
| There were helpful resources for physical problems or illnesses. | 12% | 30% | 26% | 13% | 10% | 6% | 4% |
| There was a negative stigma associated with getting help for physical problems or illness. | 8% | 13% | 17% | 15% | 27% | 18% | 2% |
| Aware of how to get help for mental or emotional health problems or illnesses. | 23% | 37% | 23% | 8% | 5% | 3% | 1% |
| Sought help for mental or emotional health problems or illnesses. | 12% | 21% | 15% | 8% | 19% | 20% | 5% |
| There were helpful resources for mental or emotional health problems or illnesses. | 13% | 26% | 27% | 12% | 9% | 7% | 5% |

Table 23: 2022-2023 Graduating Seniors' Evaluation of Mental Health Resources During Clinical Training

| | Strongly Agree | Agree | Slightly Agree | Slightly Disagree | Disagree | Strongly Disagree | Not Applicable |
|--|-----------------------|--------------|-----------------------|--------------------------|-----------------|--------------------------|-----------------------|
| Aware of how to get help for physical problems or illnesses during clinical training. | 14% | 32% | 26% | 11% | 10% | 5% | 2% |
| Sought care for physical problems or illnesses. | 21% | 38% | 23% | 9% | 6% | 2% | 1% |
| There were helpful resources for physical problems or illnesses. | 11% | 28% | 27% | 13% | 10% | 6% | 6% |
| There was a negative stigma associated with getting help for physical problems or illness. | 7% | 13% | 18% | 15% | 25% | 20% | 2% |
| Aware of how to get help for mental or emotional health problems or illnesses. | 16% | 36% | 25% | 9% | 8% | 4% | 2% |
| Sought help for mental or emotional health problems or illnesses. | 9% | 20% | 16% | 9% | 20% | 19% | 6% |
| There were helpful resources for mental or emotional health problems or illnesses. | 11% | 26% | 26% | 14% | 10% | 7% | 6% |
| There was a negative stigma associated with getting help for mental or emotional health problems or illnesses. | 9% | 14% | 20% | 14% | 24% | 19% | 2% |

Table 24: 2022-2023 Graduating Seniors' Evaluation of Burnout

| | Strongly Agree | Slightly Agree | Neutral | Slightly Disagree | Strongly Disagree |
|--|-----------------------|-----------------------|----------------|--------------------------|--------------------------|
| Events in my transition to medical school affect my life in an emotionally unhealthy way. | 8% | 21% | 32% | 19% | 21% |
| I feel burned out from the transition to medical school. | 6% | 22% | 27% | 24% | 21% |
| I feel fatigued when I get up in the morning and have to face another day transitioning to medical school. | 5% | 21% | 29% | 23% | 23% |
| I feel frustrated by transition to medical school. | 5% | 16% | 30% | 24% | 26% |
| I feel I am working too hard transitioning to medical school. | 5% | 13% | 32% | 25% | 26% |
| Events in medical school affect my life in an emotionally unhealthy way. | 12% | 30% | 26% | 18% | 14% |
| I feel burned out from medical school. | 15% | 33% | 23% | 16% | 13% |
| I feel fatigued when I get up in the morning and have to face another day in medical school. | 11% | 29% | 27% | 18% | 16% |
| I feel frustrated by medical school. | 14% | 28% | 27% | 17% | 14% |
| I feel I am working too hard in medical school. | 8% | 19% | 35% | 23% | 16% |

Table 25: 2022-2023 Graduating Seniors' Evaluation of Emotions

| | Always | Often | Sometimes | Rarely | Never |
|------------------------------|---------------|--------------|------------------|---------------|--------------|
| Trouble falling asleep | 5% | 20% | 39% | 25% | 11% |
| Feeling tense or high strung | 10% | 32% | 39% | 15% | 4% |
| Feeling irritable or angry | 5% | 19% | 44% | 26% | 7% |
| Feeling down, depressed | 5% | 17% | 42% | 27% | 10% |
| Feeling inferior to others | 9% | 20% | 39% | 23% | 10% |

Table 26: 2022-2023 Graduating Seniors' Self-Evaluation

| | Very Likely | Most Likely | Somewhat Likely | Not Likely | Not at All |
|------------------------------|--------------------|--------------------|------------------------|-------------------|-------------------|
| I finish whatever I begin | 28% | 46% | 22% | 3% | 1% |
| Setbacks don't discourage me | 16% | 40% | 34% | 9% | 1% |
| I am a hard worker. | 57% | 31% | 12% | 1% | 0% |
| I am diligent. | 50% | 36% | 13% | 1% | 0% |

Table 27: 2022-2023 Graduating Seniors' Evaluation of Burnout Level

| | Students 2022-2023 | |
|--|-----------------------|-------|
| | % | # |
| Occasionally I am under stress, and I don't always have as much energy as I once did, but I don't feel burned out. | 56% | 2,189 |
| I am definitely burning out and have one or more symptoms of burnout, such as physical and emotional exhaustion. | 28% | 1,070 |
| I enjoy my work. I have no symptoms of burnout. | 11% | 411 |
| The symptoms of burnout that I'm experiencing won't go away. I think about frustration at work a lot. | 4% | 155 |
| I feel completely burned out and often wonder if I can go on. I am at the point where I may need some changes or may need to | 2% | 63 |

Table 28: 2022-2023 Graduating Seniors' Evaluation of: Maybe I don't belong in medical school:

| | Students 2022-2023 | |
|-----------|-----------------------|-------|
| | % | # |
| Never | 19% | 732 |
| Rarely | 31% | 1,208 |
| Sometimes | 40% | 1,550 |
| Usually | 8% | 314 |
| Always | 2% | 87 |

Table 29: 2022-2023 Graduating Seniors' Evaluation of First Two Years of Medical Education

| | Strongly Agree | Agree | Neither Agree Nor Disagree | Disagree | Strongly Disagree |
|---|-----------------------|--------------|-----------------------------------|-----------------|--------------------------|
| Basic and clinical science course objectives were made clear to students | 32% | 49% | 14% | 4% | 2% |
| Basic science courses were sufficiently integrated with one another | 26% | 48% | 15% | 8% | 2% |
| Basic science courses were sufficiently integrated with clinical training | 23% | 45% | 19% | 10% | 4% |
| Course objectives & examination content matched closely | 24% | 48% | 18% | 7% | 3% |
| Coursework adequately prepared students for clerkships | 20% | 47% | 20% | 9% | 4% |
| The first two years of medical school were well-organized | 19% | 40% | 23% | 13% | 6% |
| Students were provided with timely feedback on performance | 21% | 46% | 20% | 9% | 4% |
| There was adequate exposure to patient care during the first two years | 21% | 41% | 19% | 13% | 6% |
| Osteopathic principles were adequately integrated into coursework | 29% | 52% | 15% | 2% | 2% |
| An appropriate amount of training was provided in OMT | 33% | 45% | 15% | 5% | 3% |
| There was adequate preparation for COMLEX Level I | 22% | 40% | 18% | 12% | 8% |

Light blue highlighted categories are those where $\leq 70\%$ are "Strongly Agree" + "Agree."

Grey highlighted categories are those where $\geq 90\%$ are "Strongly Agree" + "Agree."

Table 30: 2022-2023 Graduating Seniors' Evaluation of Time Devoted to Various Areas of Instruction

| | Appropriate | Inadequate | Excessive |
|---|-------------|------------|-----------|
| Basic medical science | 87% | 7% | 7% |
| Behavioral science | 84% | 14% | 2% |
| Biostatistics | 72% | 24% | 4% |
| Bioterrorism | 62% | 36% | 3% |
| Care of ambulatory patients | 86% | 11% | 3% |
| Care of elderly (geriatrics) | 77% | 18% | 5% |
| Care of hospitalized patients | 81% | 18% | 1% |
| Care of patients from diverse ethnic groups | 68% | 29% | 3% |
| Care of patients with HIV/AIDS | 68% | 31% | 2% |
| Care of patients from LGBTQI+ population | 55% | 39% | 5% |
| Clinical decision-making | 87% | 12% | 1% |
| Clinical pharmacology | 88% | 9% | 3% |
| Clinical science | 91% | 7% | 2% |
| Cost-effective medical practice | 57% | 42% | 1% |
| Diagnostic skills | 87% | 12% | 1% |
| Drug and alcohol abuse | 81% | 17% | 1% |
| Family/domestic violence | 68% | 31% | 1% |
| Genetics | 83% | 12% | 5% |
| Health promotion & disease prevention | 87% | 11% | 2% |
| Human sexuality | 67% | 30% | 3% |
| Independent learning & self-evaluation | 82% | 14% | 5% |
| Infection control/health care setting | 88% | 11% | 1% |
| Infectious disease prevention | 89% | 10% | 1% |
| Integrative medicine | 79% | 19% | 2% |
| Legal medicine | 57% | 41% | 2% |
| Literature analysis skill | 68% | 31% | 2% |
| Medical care cost control | 55% | 44% | 1% |
| Medical ethics | 84% | 13% | 3% |
| Medical record-keeping | 69% | 30% | 1% |
| Medical socioeconomics | 74% | 25% | 2% |
| Neuromusculoskeletal Medicine/OMT | 78% | 5% | 17% |
| Nutrition | 65% | 32% | 3% |
| Pain management | 70% | 29% | 1% |
| Patient education | 87% | 12% | 1% |
| Patient follow-up | 85% | 14% | 1% |
| Patient interviewing skills | 91% | 5% | 4% |
| Physician-patient relationship | 92% | 6% | 2% |
| Practice management | 69% | 30% | 1% |
| Primary care | 86% | 6% | 8% |
| Public health & community medicine | 84% | 14% | 3% |
| Rehabilitation | 66% | 34% | 1% |
| Research techniques | 66% | 32% | 2% |
| Role of medicine in community | 85% | 14% | 1% |
| Screening for diseases | 92% | 8% | 1% |
| Teamwork with other health professionals | 86% | 9% | 6% |
| Therapeutic management | 90% | 9% | 1% |
| Use of computers | 86% | 13% | 1% |
| Utilization review & quality improvement | 78% | 21% | 1% |

Light blue highlighted categories are those where $\leq 70\%$ are "Appropriate" or $\geq 10\%$ "Excessive."

Grey highlighted categories are those where $\geq 90\%$ are "Appropriate."

Table 31: 2022-2023 Graduating Seniors' Evaluation of Clinical Education - Required Clerkships

| | Strongly Agree | Agree | Neither Agree Nor Disagree | Disagree | Strongly Disagree |
|--|-----------------------|--------------|-----------------------------------|-----------------|--------------------------|
| Clear goals and objectives were set | 23% | 52% | 18% | 6% | 2% |
| Able to design own goals and objectives | 17% | 41% | 25% | 14% | 4% |
| Clear performance objectives were set | 21% | 49% | 19% | 9% | 3% |
| Clerkships were well-organized | 17% | 42% | 22% | 13% | 6% |
| Rounds were conducted as scheduled | 20% | 51% | 21% | 7% | 2% |
| Timely feedback was provided on performance | 18% | 49% | 21% | 9% | 3% |
| Too large a role by residents in teaching and evaluation | 10% | 19% | 28% | 32% | 11% |
| Appropriate diversity of patients and their health issues | 27% | 53% | 15% | 4% | 1% |
| Appropriate number of inpatient experiences | 27% | 49% | 13% | 7% | 4% |
| Each clerkship had an osteopathic orientation | 14% | 35% | 22% | 21% | 8% |
| Osteopathic principles & practice (OPP) were well-integrated in at least one clerkship | 22% | 46% | 18% | 8% | 5% |
| Appropriate technology usage for situation | 27% | 55% | 15% | 2% | 1% |
| Able to work on a personal basis with patients | 34% | 52% | 12% | 1% | 1% |
| Attending modeled excellent patient relationship/communication skills | 27% | 53% | 16% | 3% | 1% |
| Support staff was friendly and supportive | 26% | 52% | 17% | 4% | 1% |
| Coverage hours were set and finished on time | 19% | 47% | 21% | 10% | 3% |
| Was asked relevant and pertinent questions on patient diagnosis, treatment options, management, and follow-up care | 27% | 56% | 14% | 3% | 1% |
| Felt free to ask questions | 28% | 52% | 15% | 3% | 1% |
| The attending seemed interested in my opinions | 20% | 48% | 24% | 6% | 2% |
| Personal concerns were addressed by the attending while on rotation | 20% | 49% | 24% | 5% | 2% |
| Was treated with respect | 24% | 53% | 18% | 3% | 1% |
| Able to discuss progress on rotation with attending | 23% | 55% | 17% | 4% | 1% |
| Attending critically evaluated me during rotation | 22% | 53% | 20% | 4% | 1% |
| Able to discuss the final rotation evaluation with the attending | 18% | 44% | 21% | 13% | 4% |
| Attending based the evaluation on direct observation | 21% | 53% | 20% | 5% | 2% |
| Able to meet & discuss areas of concern with the attending outside of the clinical setting | 17% | 40% | 26% | 13% | 4% |
| Lived a reasonable distance from rotation sites | 22% | 47% | 17% | 9% | 5% |
| Rotations prepared me for examinations | 18% | 46% | 22% | 9% | 4% |
| Testing was provided at end of each rotation | 38% | 49% | 11% | 1% | 1% |
| Adequate preparation for COMLEX-USA Level 2-CE | 21% | 43% | 19% | 12% | 6% |
| Adequate assessment of patient encounters | 21% | 46% | 21% | 7% | 4% |

Light blue highlighted categories are those where $\leq 70\%$ are "Strongly Agree" + "Agree."

Grey highlighted categories are those where $\geq 90\%$ are "Strongly Agree" + "Agree."

Table 32: 2022-2023 Graduating Seniors' Evaluation of Clinical Education - Selective/Elective Clerkships

| | Strongly Agree | Agree | Neither Agree Nor Disagree | Disagree | Strongly Disagree |
|--|-----------------------|--------------|-----------------------------------|-----------------|--------------------------|
| Clear goals and objectives were set | 24% | 53% | 16% | 6% | 2% |
| Able to design own goals and objectives | 25% | 50% | 18% | 6% | 2% |
| Clear performance objectives were set | 24% | 50% | 19% | 6% | 1% |
| Clerkships were well-organized | 24% | 49% | 19% | 6% | 2% |
| Rounds were conducted as scheduled | 24% | 52% | 19% | 3% | 1% |
| Timely feedback was provided on performance | 24% | 53% | 17% | 4% | 1% |
| Too large a role by residents in teaching and evaluation | 12% | 25% | 26% | 28% | 9% |
| Appropriate diversity of patients and their health issues | 31% | 54% | 13% | 2% | 1% |
| Appropriate number of inpatient experiences | 31% | 52% | 13% | 3% | 1% |
| Each clerkship had an osteopathic orientation | 20% | 40% | 20% | 14% | 6% |
| Osteopathic principles and practice (OPP) were well-integrated in at least one clerkship | 20% | 41% | 21% | 11% | 7% |
| Appropriate technology usage for situation | 29% | 55% | 14% | 2% | 1% |
| Able to work on a personal basis with patients | 34% | 53% | 12% | 1% | 1% |
| Attending modeled excellent patient relationship/communication skills | 30% | 54% | 14% | 1% | 1% |
| Support staff was friendly and supportive | 30% | 54% | 14% | 2% | 1% |
| Coverage hours were set and finished on time | 25% | 51% | 18% | 5% | 1% |
| Was asked relevant and pertinent questions on patient diagnosis, treatment options, management, and follow-up care | 30% | 55% | 13% | 1% | 1% |
| Felt free to ask questions | 31% | 53% | 13% | 2% | 1% |
| Attending seemed interested in my opinions | 27% | 51% | 17% | 3% | 1% |
| Personal concerns were addressed by the attending while on rotation | 26% | 51% | 19% | 3% | 1% |
| Was treated with respect | 30% | 54% | 14% | 2% | 1% |
| Able to discuss progress on rotation with attending | 27% | 54% | 16% | 3% | 1% |
| Attending critically evaluated me during rotation | 26% | 54% | 16% | 2% | 1% |
| Able to discuss the final rotation evaluation with the attending | 24% | 47% | 18% | 9% | 3% |
| Attending based the evaluation on direct observation | 27% | 53% | 17% | 3% | 1% |
| Able to meet and discuss areas of concern with the attending outside of the clinical setting | 22% | 45% | 22% | 8% | 3% |
| Lived a reasonable distance from rotation sites | 24% | 49% | 17% | 6% | 3% |
| Adequate preparation for COMLEX-USA Level 2-CE | 21% | 45% | 21% | 8% | 4% |

Light blue highlighted categories are those where $\leq 70\%$ are "Strongly Agree" + "Agree."

Grey highlighted categories are those where $\geq 90\%$ are "Strongly Agree" + "Agree."

Table 33: Percentage of Time Arranged/Set by COM for Required Clerkships, 2022-2023 Graduating Seniors

| | Students | | | | | |
|--------------|-----------|-------|-----------|-------|-----------|-------|
| | 2022-2023 | | 2021-2022 | | 2020-2021 | |
| | % | # | % | # | % | # |
| 10% or Fewer | 3% | 128 | 4% | 219 | 4% | 187 |
| 11% - 40% | 6% | 247 | 6% | 286 | 6% | 264 |
| 41% - 60% | 23% | 861 | 16% | 834 | 17% | 759 |
| 61% - 80% | 19% | 728 | 17% | 881 | 17% | 751 |
| 81% - 100% | 49% | 1,870 | 57% | 2,984 | 56% | 2,460 |

Table 34: Percentage of Time Arranged/Set by COM for Elective/Selective Clerkships, 2022-2023 Graduating Seniors

| | Students | | | | | |
|--------------|-----------|-------|-----------|-------|-----------|-------|
| | 2022-2023 | | 2021-2022 | | 2020-2021 | |
| | % | # | % | # | % | # |
| 10% or Fewer | 39% | 1,488 | 44% | 2,285 | 42% | 1,850 |
| 11% - 40% | 16% | 600 | 18% | 939 | 18% | 814 |
| 41% - 60% | 18% | 669 | 14% | 704 | 14% | 615 |
| 61% - 80% | 12% | 470 | 12% | 600 | 11% | 468 |
| 81% - 100% | 15% | 587 | 13% | 674 | 15% | 676 |

Table 35: Advance Notification of Required Clerkship Location, 2022-2023 Graduating Seniors

| | Students | | | | | |
|-------------------|-----------|-------|-----------|-------|-----------|-------|
| | 2022-2023 | | 2021-2022 | | 2020-2021 | |
| | % | # | % | # | % | # |
| Less than 1 Month | 12% | 448 | 13% | 666 | 12% | 522 |
| 1 to 3 Months | 37% | 1,403 | 35% | 1,834 | 37% | 1,648 |
| 3 Months or More | 52% | 1,986 | 52% | 2,691 | 51% | 2,245 |

Table 36: Advance Notification of Elective Clerkship Location, 2022-2023 Graduating Seniors

| | Students | | | | | |
|-------------------|-----------|-------|-----------|-------|-----------|-------|
| | 2022-2023 | | 2021-2022 | | 2020-2021 | |
| | % | # | % | # | % | # |
| Less than 1 Month | 11% | 424 | 16% | 813 | 19% | 822 |
| 1 to 3 Months | 58% | 2,190 | 56% | 2,903 | 59% | 2,597 |
| 3 Months or More | 31% | 1,198 | 29% | 1,484 | 23% | 1,002 |

In 2022-2023 AACOM updated the Graduating Seniors Survey Visting Student Learning Opportunity questions to coincide with the new Experiences of Bias in Residency questions. Tables 24 through 33 report the new data collected from the VSLO Questions.

Table 37: Graduating Seniors Who Applied To VSLO Rotations

| | 2022-2023 | | Students 2021-2022 | | 2020-2021 | |
|--------|-----------|-------|-----------------------|-------|-----------|-------|
| | % | # | % | # | % | # |
| | Yes | 92% | 3,554 | 72% | 3,682 | 66% |
| No | 8% | 298 | 25% | 1,296 | 32% | 1,370 |
| Unsure | --- | --- | 3% | 155 | 2% | 102 |
| Total | 100% | 3,852 | 100% | 5,133 | 100% | 4,328 |

Table 38: Applications to VSLO Rotations

| | 2022-2023 | | Mean 2021-2022 | | 2020-2021 | |
|---------------------------------------|------------------------|---------------|-------------------|---------------|----------------|---------------|
| | # of Rotations | # of Students | # of Rotations | # of Students | # of Rotations | # of Students |
| | Number of Applications | 18.5 | 3,032 | 20.4 | 3,642 | 17.8 |
| Number of Acceptances | 2.6 | 3,025 | 3.1 | 3,638 | 1.8 | 2,816 |
| Number of Rotations Accepted/Attended | 2.1 | 2,988 | 2.0 | 3,649 | 1.3 | 2,816 |
| Number Interviewed for Residency | 1.6 | 2,975 | --- | --- | --- | --- |

Table 39: Graduating Seniors Rotation Sites Accepted through VSLO Included in Rank Order List

| | Students 2022-2023 | |
|-------|-----------------------|-------|
| | % | # |
| | Yes | 66% |
| No | 34% | 1,181 |
| Total | 100% | 3,465 |

**Table 40: Graduating Seniors Rotation Sites Accepted through VSLO
Included in Top Three Position on Rank Order List**

| | Students | |
|-------|-----------|-------|
| | 2022-2023 | |
| | % | # |
| Yes | 49% | 1,687 |
| No | 51% | 1,767 |
| Total | 100% | 3,454 |

**Table 41: Graduating Seniors Match to a Program at
Rotation Sites Arranged through VSLO**

| | Students | |
|-------|-----------|-------|
| | 2022-2023 | |
| | % | # |
| Yes | 20% | 701 |
| No | 80% | 2,755 |
| Total | 100% | 3,456 |

Table 42: Graduating Seniors Who Applied To Visiting Student Rotations Outside of VSLO

| | Students 2022-2023 | |
|-------|-----------------------|-------|
| | % | # |
| Yes | 66% | 2,297 |
| No | 34% | 1,184 |
| Total | 100% | 3,481 |

Table 43: Applications to Visiting Student Rotations Applied Outside of VSLO

| | Mean 2022-2023 | |
|---------------------------------------|----------------------------|------------------|
| | # of Elective Rotations | # of Students |
| Number of Applications | 3.8 | 2,144 |
| Number of Acceptances | 2.7 | 2,135 |
| Number of Rotations Accepted/Attended | 2.5 | 2,125 |
| Number Interviewed for Residency | 1.9 | 2,122 |

Table 44: Graduating Seniors Rotation Sites Accepted through VSLO Included in Rank Order List

| | Students 2022-2023 | |
|-------|-----------------------|-------|
| | % | # |
| Yes | 86% | 1,946 |
| No | 15% | 331 |
| Total | 100% | 2,277 |

Table 45: Graduating Seniors Rotation Sites Accepted through VSLO Included in Top Three Position on Rank Order List

| | Students 2022-2023 | |
|-------|-----------------------|-------|
| | % | # |
| Yes | 57% | 1,297 |
| No | 43% | 977 |
| Total | 100% | 2,274 |

Table 46: Graduating Seniors Match to a Program at Rotation Sites Arranged outside VSLO

| | Students 2022-2023 | |
|-------|-----------------------|-------|
| | % | # |
| Yes | 33% | 748 |
| No | 67% | 1,524 |
| Total | 100% | 2,272 |

Table 47: USMLE Score Provided for VSLO

| | Students 2022-2023 | |
|--------------------------------------|-----------------------|-------|
| | % | # |
| Provided USMLE Score: | | |
| Yes | 58% | 2,019 |
| No | 42% | 1,452 |
| Total | 100% | 3,471 |
| USMLE Provided | | |
| USMLE Step 1 score | 49% | 989 |
| USMLE Step 2 CK score | 2% | 42 |
| Both USMLE Step 1 & Step 2 CK Scores | 49% | 981 |
| Total | 100% | 2,012 |

Table 48: VSLO Not Permitted Due to No USMLE Score

| | Students 2022-2023 | |
|--------------------------------------|-----------------------|-------|
| | % | # |
| USMLE Score Requested: | | |
| Yes | 18% | 350 |
| No | 83% | 1,650 |
| Total | 100% | 2,000 |
| USMLE Score: | | |
| USMLE Step 1 score | 60% | 210 |
| USMLE Step 2 CK score | 2% | 8 |
| Both USMLE Step 1 & Step 2 CK Scores | 38% | 131 |
| Total | 100% | 349 |

Table 49: Higher Fee Paid for VSLO than MD students

| | Students | |
|-------|-----------------|----------|
| | 2022-2023 | |
| | % | # |
| Yes | 19% | 637 |
| No | 82% | 2,815 |
| Total | 100% | 3,452 |

Table 50: Not Permitted to VSLO Rotation Due to DO Degree

| | Students | |
|-------|-----------------|----------|
| | 2022-2023 | |
| | % | # |
| Yes | 21% | 728 |
| No | 79% | 2,719 |
| Total | 100% | 3,447 |

Table 51: 2022-2023 Graduating Seniors' Evaluation of Confidence Level to Perform Certain Examinations

| | Completely Confident | Mostly Confident | Fairly Confident | Not at All Confident | No Opportunity to Perform |
|-------------------------------------|-----------------------------|-------------------------|-------------------------|-----------------------------|----------------------------------|
| General adult examination | 53% | 35% | 12% | 1% | 0% |
| General pediatric examination | 31% | 38% | 26% | 5% | 1% |
| Well-baby examination | 24% | 31% | 32% | 12% | 1% |
| Breast and pelvic examination | 20% | 31% | 32% | 14% | 3% |
| Prostate and testicular examination | 12% | 25% | 35% | 20% | 8% |
| Osteopathic structural examination | 30% | 34% | 27% | 7% | 2% |
| Sports participation examination | 27% | 36% | 27% | 6% | 4% |

Light blue highlighted categories are those where $\leq 70\%$ are "Completely Confident" + "Mostly Confident."

Grey highlighted categories are those where $\geq 90\%$ are "Completely Confident" + "Mostly Confident."

Table 52: 2022-2023 Graduating Seniors' Evaluation of Various Academic Services

| | Very Satisfied | Satisfied | Neither Satisfied Nor Dissatisfied | Dissatisfied | Strongly Dissatisfied |
|--|-----------------------|------------------|---|---------------------|------------------------------|
| Academic counseling | 12% | 37% | 28% | 16% | 8% |
| Accessibility to administration | 12% | 36% | 29% | 15% | 8% |
| Awareness of student problems by administration | 9% | 30% | 27% | 21% | 13% |
| Career counseling | 11% | 33% | 30% | 17% | 10% |
| Computer resource center | 18% | 42% | 31% | 6% | 3% |
| Disability insurance | 7% | 23% | 61% | 6% | 4% |
| Electronic communication (e-mail, Internet/Intranet) | 15% | 50% | 24% | 7% | 3% |
| Faculty mentoring | 12% | 36% | 28% | 17% | 8% |
| Financial aid administration services | 15% | 41% | 32% | 8% | 4% |
| Library | 20% | 44% | 29% | 5% | 3% |
| Participation of students on key medical school committees | 13% | 42% | 37% | 6% | 3% |
| Personal counseling | 12% | 33% | 40% | 10% | 6% |
| Student health insurance | 8% | 29% | 37% | 15% | 12% |
| Student health services | 9% | 33% | 39% | 12% | 8% |
| Student relaxation space | 9% | 32% | 37% | 14% | 8% |
| Student study space | 13% | 44% | 27% | 11% | 5% |
| Research or Scholarly activity involvement | 8% | 31% | 39% | 15% | 7% |
| Tutorial help | 10% | 32% | 46% | 8% | 5% |

Light blue highlighted categories are those where $\leq 70\%$ are "Very Satisfied" + "Satisfied."

Grey highlighted categories are those where $\geq 90\%$ are "Very Satisfied" + "Satisfied."

Table 53: 2022-2023 Graduating Seniors' Evaluation of Training in Osteopathic Manipulative Treatment, Principles, and Practice

| | Strongly Agree | Agree | Neither Agree Nor Disagree | Disagree | Strongly Disagree |
|--|-----------------------|--------------|-----------------------------------|-----------------|--------------------------|
| Well-prepared to diagnose structural problems | 23% | 50% | 21% | 5% | 2% |
| Well-prepared to treat structural problems | 21% | 49% | 22% | 6% | 2% |
| Well-prepared to document findings in a structural examination | 22% | 49% | 21% | 6% | 2% |
| Had opportunity to practice OPP during first two years in medical school | 37% | 44% | 15% | 2% | 1% |
| Had opportunity to practice OPP during in-hospital rotations | 13% | 32% | 25% | 23% | 8% |
| Had opportunity to practice OPP during ambulatory primary care rotations | 17% | 48% | 21% | 10% | 4% |
| Had opportunity to practice OPP during ambulatory non-primary care rotations | 13% | 31% | 26% | 23% | 8% |
| Had osteopathic physician role models during the first two years in medical school | 26% | 47% | 20% | 5% | 3% |
| Had osteopathic physician role models during required in-hospital rotations | 17% | 38% | 23% | 16% | 6% |
| Had osteopathic physician role models during ambulatory primary care rotations | 20% | 47% | 20% | 9% | 4% |
| Had osteopathic physician role models during ambulatory non-primary care rotations | 17% | 39% | 24% | 15% | 6% |
| Had osteopathic physician role models during selectives/electives | 18% | 42% | 23% | 12% | 5% |

Light blue highlighted categories are those where $\leq 70\%$ are "Strongly Agree" + "Agree."

Grey highlighted categories are those where $\geq 90\%$ are "Strongly Agree" + "Agree."

Table 54: 2022-2023 Graduating Seniors' Evaluation of Training in Geriatric Care

| | Strongly Agree | Agree | Neither Agree Nor Disagree | Disagree | Strongly Disagree |
|--|-----------------------|--------------|-----------------------------------|-----------------|--------------------------|
| Can identify situations where co-morbid conditions, life expectancy, and/or functional status should modify (or override) standard recommendations for screening tests in older adults | 22% | 56% | 18% | 3% | 1% |
| Can anticipate and identify hazards of hospitalization for older adults | 23% | 59% | 16% | 2% | 1% |
| Can identify those medications that should be avoided or used with caution in older adults | 22% | 57% | 18% | 2% | 1% |
| Can differentiate the clinical presentations of delirium, dementia, and depression in older adults | 22% | 57% | 18% | 3% | 1% |
| Can assess a patient's self-care/functional capacity, e.g. ADLs & IADLs | 21% | 56% | 19% | 4% | 1% |
| Can assess an older adult patient's fall risk, identify underlying causative factors, and make recommendations for further evaluation and initial management | 20% | 56% | 20% | 4% | 1% |
| Can describe the differences in the presenting signs, symptoms, and laboratory findings of common conditions in older, as compared to younger, adults | 20% | 57% | 19% | 4% | 1% |

Table 55: 2022-2023 Graduating Seniors' Evaluation of how confident are you in your current ability to perform the following activities

| | Very Confident | Slightly Confident | Neither Confident Nor Not Confident | Slightly Not Confident | Not at All Confident |
|---|----------------|--------------------|-------------------------------------|------------------------|----------------------|
| Perform an accurate, complete or focused history and physical exam in a prioritized, organized manner without supervision and with respect for the patient. | 44% | 41% | 15% | 1% | 1% |
| Integrate patient data to formulate an assessment and develop a list of potential diagnoses that can be prioritized, leading to a selection of a working diagnosis. | 31% | 47% | 21% | 2% | 1% |
| Select and interpret common diagnostic and screening tests using evidence-based and cost-effective principles when approaching a patient in any setting. | 27% | 48% | 23% | 2% | 1% |
| Write safe and indicated orders and prescribe therapies or interventions in a variety of settings (e.g. inpatient, ambulatory, urgent or emergent care) without direct supervision. | 19% | 39% | 31% | 11% | 2% |
| Provide accurate, focused and context-specific documentation of a clinical encounter in either written or electronic formats. | 34% | 46% | 18% | 1% | 1% |
| Present a concise oral summary of a patient encounter to achieve a shared understanding of the patient's condition. | 32% | 47% | 20% | 1% | 1% |
| Identify key clinical questions in caring for patients, identify information resources, and retrieve information and evidence that will be used to address those questions. | 29% | 50% | 20% | 1% | 1% |
| Perform safe and effective transitions of responsibility for patient care from one health care team or practitioner to another. | 25% | 46% | 24% | 4% | 2% |
| Participate as a contributing and integrated member of an interprofessional team and fully embrace the value of teamwork in patient care. | 37% | 44% | 18% | 1% | 1% |
| Promptly recognize a patient who requires urgent or emergent care, initiate evaluation and treatment, and seek help. | 32% | 46% | 20% | 1% | 1% |
| Obtain consent for tests and/or procedures for which I know the indications, contraindications, alternatives, risks and benefits. | 29% | 44% | 23% | 3% | 2% |
| Understand systems, identify system failures, and intervene in systems to improve quality and safety in health care. | 24% | 44% | 26% | 4% | 2% |

Light blue highlighted categories are those where $\leq 70\%$ are "(5) Very Confident" + "(4)."

Grey highlighted categories are those where $\geq 90\%$ are "(5) Very Confident" + "(4)."

Table 56: 2022-2023 Graduating Seniors' Evaluation of how confident you are in your current ability to perform the following skills without direct supervision (i.e., with no supervisor in the room)

| | Very Confident | Slightly Confident | Neither Confident Nor Not Confident | Slightly Not Confident | Not at All Confident |
|--------------------------------------|----------------|--------------------|-------------------------------------|------------------------|----------------------|
| Intravenous (IV) line insertion | 10% | 14% | 17% | 28% | 32% |
| Phlebotomy | 11% | 15% | 16% | 27% | 30% |
| Bag-valve-mask (BVM) ventilation | 25% | 7% | 29% | 28% | 11% |
| Cardiopulmonary (CPR) | 25% | 6% | 30% | 30% | 8% |
| Osteopathic manipulative treatment | 22% | 2% | 33% | 31% | 12% |
| Simple laceration or excision repair | 35% | 3% | 29% | 24% | 9% |

Light blue highlighted categories are those where $\leq 70\%$ are "(5) Very Confident" + "(4)."

Grey highlighted categories are those where $\geq 90\%$ are "(5) Very Confident" + "(4)."

Table 57: 2022-2023 Graduating Seniors' Evaluation of School's Involvement in Clerkship Years

| | Students | |
|-----------------------------------|----------|-------|
| | % | # |
| Adequate Involvement | 48% | 1,834 |
| Some, but Inadequate, Involvement | 29% | 1,124 |
| Outstanding involvement | 14% | 539 |
| Excessive Involvement | 2% | 72 |
| Not Involved | 7% | 269 |

Table 58: Type of School Involvement During Clerkship Years, 2022-2023 Graduating Seniors

| | Students | |
|-----------------------------------|----------|-------|
| | % | # |
| E-Mail | 74% | 3,061 |
| Virtual Platforms | 55% | 2,261 |
| Learning Management System | 46% | 1,904 |
| Distance Learning | 34% | 1,392 |
| Clinical Skills Assessment | 36% | 1,506 |
| COMLEX-USA Level 2-CE Preparation | 42% | 1,722 |
| Newsletter | 20% | 842 |
| Faculty Visits | 16% | 671 |

Table 59: Percentage of Time Devoted to Various Activities During Clerkship Years, 2022-2023 Graduating Seniors

| | Students' Time | |
|---|----------------|-------|
| | % | # |
| Inpatient Care, Including Reading X-ray Films and Laboratory Work | 33% | 4,023 |
| Outpatient Care | 28% | 4,023 |
| Test Preparation | 17% | 4,023 |
| Residency Application Activities | 11% | 4,023 |
| Research | 4% | 4,023 |
| Extended/Long-Term Care | 4% | 4,023 |
| Other | 4% | 4,023 |

**Table 60: COMLEX-USA and USMLE Examinations -
2022-2023 Graduating Seniors**

| COMLEX-USA | Students | | | | | |
|--|-----------|-------|-----------|-------|-----------|-------|
| | 2022-2023 | | 2021-2022 | | 2020-2021 | |
| | % | # | % | # | % | # |
| Level 1 – Passed 1st Attempt | 95% | 3,678 | 95% | 4,842 | 95% | 4,096 |
| Level 2-CE – Passed 1st Attempt | 96% | 3,722 | 96% | 4,889 | 97% | 4,152 |
| USMLE | | | | | | |
| Step 1 – Attempted Examination | 92% | 2,346 | 68% | 3,463 | 63% | 2,730 |
| Step 1 – Passed 1st Attempt* | 98% | 2,287 | 96% | 3,327 | 97% | 2,652 |
| Step 2 CK – Attempted Examination | 85% | 2,171 | 57% | 2,896 | 55% | 2,366 |
| Step 2 CK – Passed 1st Attempt* | 98% | 2,133 | 98% | 2,822 | 98% | 2,326 |
| Step 3 – Planning to Attempt Examination | 36% | 916 | --- | --- | --- | --- |

*Percentage of those attempting the respective examinations.

Table 61: Interprofessional Medical Education Participation - Graduating Seniors 2022-2023

| | Students | | | | | |
|---------------------|-----------|-------|-----------|-------|-----------|-------|
| | 2022-2023 | | 2021-2022 | | 2020-2021 | |
| | % | # | % | # | % | # |
| Did Participate | 78% | 3,039 | 83% | 4,262 | 84% | 3,602 |
| Did Not Participate | 15% | 598 | 13% | 663 | 12% | 506 |
| Unsure | 7% | 252 | 4% | 188 | 5% | 192 |

Table 62: Types of Interprofessional Medical Education - Graduating Seniors 2022-2023

| | Students Participating | | | | | |
|---------------------------------|------------------------|-------|-----------|-------|-----------|-------|
| | 2022-2023 | | 2021-2022 | | 2020-2021 | |
| | % | # | % | # | % | # |
| Preclinical Education | 86% | 2,834 | 83% | 3,710 | 88% | 3,276 |
| Pharmacy | 74% | 2,428 | 72% | 3,209 | 77% | 2,817 |
| Nursing | 69% | 2,281 | 65% | 2,887 | 76% | 2,789 |
| Clinical Education | 64% | 2,122 | 61% | 2,694 | 64% | 2,392 |
| Physician Assistant | 56% | 1,832 | 58% | 2,596 | 60% | 2,187 |
| MD Medicine | 42% | 1,376 | 44% | 1,949 | 45% | 1,645 |
| Physical Therapy | 42% | 1,369 | 41% | 1,809 | 45% | 1,644 |
| Advance Practice Nursing (NPs)* | 41% | 1,359 | 43% | 1,916 | --- | --- |
| Social Work | 36% | 1,192 | 38% | 1,687 | 37% | 1,344 |
| Occupational Therapy | 30% | 975 | 28% | 1,242 | 32% | 1,152 |
| Podiatry | 23% | 746 | 19% | 864 | 23% | 829 |
| Dentistry | 22% | 737 | 22% | 1,000 | 26% | 946 |
| Psychology | 18% | 583 | 19% | 850 | 19% | 688 |
| Public Health | 12% | 401 | 14% | 624 | 17% | 624 |
| Optometry* | 11% | 357 | 9% | 396 | --- | --- |
| Veterinary Medicine | 9% | 291 | 7% | 330 | 9% | 317 |
| Other | 3% | 113 | 3% | 114 | 5% | 161 |

*In 2021-2022 additional participating health profession programs were included in the Graduations Seniors Survey.

Table 63: Settings of Interprofessional Medical Education - Graduating Seniors 2022-2023

| | Students Participating | | | | | |
|--|------------------------|-------|-----------|-------|-----------|-------|
| | 2022-2023 | | 2021-2022 | | 2020-2021 | |
| | % | # | % | # | % | # |
| Patient-Centered Case Studies | 58% | 1,916 | 57% | 2,546 | 63% | 2,314 |
| Active Engagement with Patients | 56% | 1,831 | 55% | 2,432 | 60% | 2,212 |
| Lecture (Clinical Subject) | 41% | 1,357 | 42% | 1,891 | 47% | 1,722 |
| Clinical Simulations | 39% | 1,298 | 39% | 1,718 | 48% | 1,751 |
| Skills Training in Team Settings | 36% | 1,192 | 33% | 1,483 | 37% | 1,327 |
| Lecture (Basic Science) | 33% | 1,079 | 31% | 1,381 | 35% | 1,279 |
| Community Projects or Service Learning | 17% | 546 | 20% | 868 | 25% | 908 |
| Other | 3% | 93 | 3% | 142 | 2% | 86 |

Table 64: 2022-2023 Participating Graduating Seniors' Evaluation of Interprofessional Medical Education

| | Strongly Agree | Agree | Neither Agree Nor Disagree | Disagree | Strongly Disagree |
|--|-----------------------|--------------|-----------------------------------|-----------------|--------------------------|
| The learning experiences with other health professionals helped me to better understand the roles of other health professionals in patient care. | 27% | 46% | 19% | 5% | 2% |
| I believe the learning experiences with other health professionals will contribute to/improve my performance as an osteopathic physician. | 32% | 45% | 17% | 4% | 3% |

Table 65: 2022-2023 Graduating Seniors' Evaluation of Percentage of Training Delivered by MD Physicians

| | None | 1%-25% | 26%-50% | 51%-75% | 76%-100% |
|---|-------------|---------------|----------------|----------------|-----------------|
| During the First Two Years of Medical School | 4% | 35% | 37% | 18% | 5% |
| During Required In-Hospital Rotations | 20% | 44% | 29% | 6% | 1% |
| During Required Ambulatory Primary Care Rotations | 14% | 34% | 38% | 11% | 3% |
| During Required Ambulatory Non-Primary Care Rotations | 17% | 36% | 35% | 9% | 3% |
| During Selectives/Electives | 21% | 38% | 32% | 7% | 1% |

Table 66: Immediate Post-Graduate Plans, Graduating Seniors‡

| | Students | | Gender | | Race-Ethnicity | | | | |
|--|----------|-------|--------|--------|----------------|-------|---------------------|---------------------------------|-------------|
| | % | # | Male | Female | White | Asian | Hispanic/ Latino | Black or African American | All Others* |
| Osteopathic Focus/Integrated Residency | | | | | | | | | |
| 2022-2023 | 1% | 20 | 0% | 1% | 0% | 1% | 1% | 0% | 0% |
| 2021-2022 | 0% | 22 | 0% | 1% | 1% | 1% | 0% | 1% | 0% |
| 2020-2021 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| ACGME transitional year with Osteopathic Recognition | | | | | | | | | |
| 2022-2023 | 2% | 64 | 2% | 1% | 2% | 1% | 3% | 4% | 1% |
| 2021-2022 | 2% | 73 | 2% | 1% | 1% | 1% | 3% | 2% | 1% |
| 2020-2021 | 2% | 78 | 3% | 1% | 2% | 2% | 1% | 4% | 2% |
| ACGME transitional year without Osteopathic Recognition | | | | | | | | | |
| 2022-2023 | 3% | 129 | 5% | 2% | 3% | 4% | 4% | 1% | 4% |
| 2021-2022 | 5% | 229 | 6% | 3% | 5% | 4% | 4% | 4% | 4% |
| 2020-2021 | 6% | 235 | 7% | 5% | 6% | 5% | 6% | 2% | 6% |
| ACGME Residency w/ Osteopathic Recognition | | | | | | | | | |
| 2022-2023 | 25% | 932 | 26% | 24% | 26% | 23% | 23% | 24% | 25% |
| 2021-2022 | 25% | 1,227 | 25% | 24% | 24% | 25% | 23% | 24% | 29% |
| 2020-2021 | 27% | 1,097 | 27% | 27% | 27% | 27% | 28% | 28% | 25% |
| ACGME Residency w/o Osteopathic Recognition | | | | | | | | | |
| 2022-2023 | 64% | 2,430 | 60% | 68% | 64% | 66% | 63% | 67% | 63% |
| 2021-2022 | 63% | 3,158 | 60% | 67% | 63% | 64% | 64% | 65% | 58% |
| 2020-2021 | 59% | 2,425 | 55% | 62% | 59% | 59% | 54% | 58% | 58% |
| Research or Other Non-Residency Activity | | | | | | | | | |
| 2022-2023 | 1% | 27 | 1% | 1% | 1% | 1% | 0% | 2% | 1% |
| 2021-2022 | 1% | 71 | 2% | 1% | 1% | 1% | 2% | 2% | 3% |
| 2020-2021 | 2% | 66 | 2% | 1% | 1% | 2% | 2% | 2% | 1% |
| Governmental/military service residency with Osteopathic Recognition | | | | | | | | | |
| 2022-2023 | 1% | 52 | 2% | 1% | 2% | 1% | 3% | 0% | 3% |
| 2021-2022 | 2% | 73 | 2% | 1% | 2% | 1% | 2% | 1% | 3% |
| 2020-2021 | 2% | 60 | 2% | 1% | 2% | 1% | 2% | 0% | 2% |
| Governmental/military service residency without Osteopathic Recognition | | | | | | | | | |
| 2022-2023 | 2% | 84 | 3% | 2% | 3% | 1% | 3% | 0% | 3% |
| 2021-2022 | 2% | 104 | 2% | 2% | 3% | 1% | 1% | 1% | 1% |
| 2020-2021 | 2% | 84 | 3% | 1% | 2% | 1% | 2% | 2% | 5% |
| Undecided | | | | | | | | | |
| 2022-2023 | 1% | 53 | 2% | 1% | 1% | 2% | 2% | 2% | 2% |
| 2021-2022 | 1% | 56 | 1% | 1% | 1% | 2% | 2% | 1% | 1% |
| 2020-2021 | 2% | 92 | 2% | 2% | 1% | 3% | 5% | 4% | 2% |
| Total | | | | | | | | | |
| 2022-2023 | 100% | 3,791 | 100% | 100% | 100% | 100% | 100% | 100% | 100% |
| 2021-2022 | 100% | 5,013 | 100% | 100% | 100% | 100% | 100% | 100% | 100% |
| 2020-2021 | 100% | 4,137 | 100% | 100% | 100% | 100% | 100% | 100% | 100% |

*All Others include respondents indicating American Indian and Alaskan Native, Native Hawaiian and Pacific Islander or multiple races.

‡ In 2021-2022 AACOM updated the "Immediate Post-Graduate Plans" question to align with the Single Graduate Medical Education Accreditation System.

Table 67: Board Certification Plans - Graduating Seniors

| | Students | | Gender | | Race-Ethnicity | | | | |
|---|----------|-------|--------|--------|----------------|-------|---------------------|---------------------------------|-------------|
| | % | # | Male | Female | White | Asian | Hispanic/ Latino | Black or African American | All Others* |
| Osteopathic AOA Boards | | | | | | | | | |
| 2022-2023 | 39% | 1,479 | 36% | 42% | 40% | 37% | 42% | 47% | 42% |
| 2021-2022 | 38% | 1,901 | 37% | 40% | 38% | 40% | 38% | 32% | 40% |
| 2020-2021 | 34% | 1,393 | 31% | 38% | 33% | 35% | 38% | 36% | 31% |
| Both AOA and ABMS Boards | | | | | | | | | |
| 2022-2023 | 18% | 687 | 20% | 17% | 17% | 22% | 17% | 23% | 19% |
| 2021-2022 | 21% | 1,034 | 21% | 21% | 19% | 23% | 22% | 30% | 21% |
| 2020-2021 | 19% | 767 | 19% | 18% | 17% | 21% | 19% | 26% | 24% |
| Allopathic ABMS Boards | | | | | | | | | |
| 2022-2023 | 10% | 381 | 13% | 8% | 10% | 11% | 10% | 7% | 9% |
| 2021-2022 | 11% | 521 | 13% | 8% | 11% | 9% | 10% | 14% | 10% |
| 2020-2021 | 17% | 686 | 20% | 12% | 17% | 16% | 15% | 9% | 13% |
| Other | | | | | | | | | |
| 2022-2023 | 1% | 35 | 1% | 1% | 1% | 1% | 2% | 1% | 0% |
| 2021-2022 | 1% | 36 | 1% | 1% | 1% | 1% | 1% | 1% | 0% |
| 2020-2021 | 1% | 25 | 1% | 0% | 0% | 1% | 2% | 0% | 1% |
| Not Planning Board Certification | | | | | | | | | |
| 2022-2023 | 0% | 11 | 0% | 0% | 0% | 1% | 1% | 0% | 0% |
| 2021-2022 | 0% | 12 | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| 2020-2021 | 0% | 7 | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| Undecided | | | | | | | | | |
| 2022-2023 | 32% | 1,192 | 31% | 32% | 33% | 30% | 28% | 22% | 30% |
| 2021-2022 | 30% | 1,478 | 29% | 30% | 31% | 26% | 29% | 24% | 29% |
| 2020-2021 | 30% | 1,258 | 29% | 32% | 32% | 27% | 26% | 28% | 32% |
| Total | | | | | | | | | |
| 2022-2023 | 100% | 3,785 | 100% | 100% | 100% | 100% | 100% | 100% | 100% |
| 2021-2022 | 100% | 4,982 | 100% | 100% | 100% | 100% | 100% | 100% | 100% |
| 2020-2021 | 100% | 4,136 | 100% | 100% | 100% | 100% | 100% | 100% | 100% |

*All Others include respondents indicating American Indian and Alaskan Native, Native Hawaiian and Pacific Islander or multiple races.

Table 68: Reasons Given for Taking ABMS (Allopathic) or Both Boards*

| | Students | | | | | |
|---|-----------|-----|-----------|-------|-----------|-------|
| | 2022-2023 | | 2021-2022 | | 2020-2021 | |
| | % | # | % | # | % | # |
| ABMS board certification is more widely recognized | 78% | 833 | 72% | 1,115 | 71% | 1,030 |
| ABMS board certification provides more opportunities | 66% | 703 | 61% | 947 | 59% | 850 |
| ABMS board certification has more colleague acceptance | 47% | 501 | 41% | 639 | 51% | 740 |
| Hospital privileges more readily obtained with ABMS board certification | 37% | 397 | 34% | 526 | 39% | 559 |
| ABMS board certification carries more prestige | 36% | 387 | 34% | 530 | 38% | 550 |
| Personal desire for dual certification | 41% | 436 | 36% | 565 | 31% | 443 |
| Licenses more readily obtained with ABMS board certification | 35% | 376 | 31% | 474 | 35% | 505 |
| It is a requirement of the residency program | 25% | 266 | 21% | 325 | 20% | 293 |
| Other | 4% | 39 | 6% | 88 | 8% | 122 |

*Each respondent indicating plans to take ABMS or both boards could choose one or more of the listed reasons influencing board certification choice.

Table 69: Long-Range Career Plans, Graduating Seniors

| | Students | | Gender | | Race-Ethnicity | | | | |
|---|----------|-------|--------|--------|----------------|-------|---------------------|---------------------------------|-------------|
| | % | # | Male | Female | White | Asian | Hispanic/ Latino | Black or African American | All Others* |
| Hospital or Other Type of Private Practice | | | | | | | | | |
| 2022-2023 | 35% | 1,319 | 35% | 35% | 39% | 31% | 31% | 37% | 27% |
| 2021-2022 | 40% | 1,976 | 38% | 42% | 43% | 36% | 32% | 37% | 37% |
| 2020-2021 | 60% | 2,481 | 58% | 62% | 64% | 59% | 54% | 51% | 48% |
| Self-Employed, with or without a Partner | | | | | | | | | |
| 2022-2023 | 10% | 363 | 12% | 8% | 10% | 8% | 12% | 4% | 11% |
| 2021-2022 | 11% | 541 | 12% | 10% | 10% | 12% | 15% | 8% | 13% |
| 2020-2021 | 12% | 492 | 14% | 10% | 12% | 11% | 12% | 11% | 13% |
| Practice in an HMO | | | | | | | | | |
| 2022-2023 | 1% | 45 | 1% | 1% | 1% | 2% | 2% | % | 2% |
| 2021-2022 | 2% | 104 | 2% | 2% | 2% | 4% | 2% | 1% | 2% |
| 2020-2021 | 2% | 72 | 2% | 2% | 1% | 3% | 2% | 1% | 2% |
| Academic Medicine§ | | | | | | | | | |
| 2022-2023 | 4% | 137 | 3% | 4% | 4% | 4% | 2% | 4% | 3% |
| 2021-2022 | 4% | 202 | 4% | 4% | 4% | 4% | 3% | 5% | 6% |
| 2020-2021 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Federally Qualified Health Center§ | | | | | | | | | |
| 2022-2023 | 4% | 166 | 4% | 5% | 4% | 4% | 11% | 7% | 4% |
| 2021-2022 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 2020-2021 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Fellowship§ | | | | | | | | | |
| 2022-2023 | 22% | 844 | 23% | 22% | 21% | 27% | 22% | 30% | 24% |
| 2021-2022 | 23% | 1,115 | 24% | 22% | 22% | 25% | 24% | 19% | 18% |
| 2020-2021 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Government, NHSC, Military, VA, etc. | | | | | | | | | |
| 2022-2023 | 4% | 151 | 5% | 3% | 5% | 2% | 4% | 2% | 8% |
| 2021-2022 | 4% | 213 | 5% | 4% | 5% | 2% | 5% | 5% | 8% |
| 2020-2021 | 5% | 193 | 5% | 4% | 5% | 2% | 7% | 4% | 11% |
| Other Professional Activity | | | | | | | | | |
| 2022-2023 | 1% | 22 | 0% | 1% | 1% | 1% | 0% | 1% | 1% |
| 2021-2022 | 1% | 65 | 1% | 1% | 1% | 1% | 3% | 2% | 1% |
| 2020-2021 | 6% | 243 | 6% | 6% | 5% | 7% | 7% | 16% | 2% |
| Undecided | | | | | | | | | |
| 2022-2023 | 19% | 721 | 17% | 21% | 17% | 21% | 17% | 15% | 21% |
| 2021-2022 | 15% | 744 | 14% | 16% | 13% | 15% | 17% | 24% | 15% |
| 2020-2021 | 16% | 651 | 15% | 15% | 13% | 18% | 19% | 17% | 24% |
| Total | | | | | | | | | |
| 2022-2023 | 100% | 3,768 | 100% | 100% | 100% | 100% | 100% | 100% | 100% |
| 2021-2022 | 100% | 4,960 | 100% | 100% | 100% | 100% | 100% | 100% | 100% |
| 2020-2021 | 100% | 4,132 | 100% | 100% | 100% | 100% | 100% | 100% | 100% |

*All Others include respondents indicating American Indian and Alaskan Native, Native Hawaiian and Pacific Islander or multiple races.

§In 2021-2022 and 2022-2023 additional long-range career plans were included in the Graduations Seniors Survey.

Table 70: Plans to Work as a Hospitalist*

| | 2022-2023 | | Students 2021-2022 | | 2020-2021 | |
|--------|-----------|-------|-----------------------|-------|-----------|-------|
| | % | # | % | # | % | # |
| | Yes | 22% | 821 | 24% | 1,170 | 22% |
| No | 45% | 1,723 | 47% | 2,325 | 46% | 1,884 |
| Unsure | 33% | 1,251 | 30% | 1,481 | 33% | 1,345 |
| Total | 100% | 3,795 | 100% | 4,976 | 100% | 4,135 |

Table 71: Planned Patient Care as a Hospitalist*

| | 2022-2023 | | Students 2021-2022 | | 2020-2021 | |
|---------------------------------------|--------------------------------------|-------|-----------------------|-------|-----------|-----|
| | % | # | % | # | % | # |
| | Full-time (at least 36 hours a week) | 80% | 650 | 82% | 954 | 78% |
| Part-time (less than 36 hours a week) | 14% | 117 | 13% | 154 | 13% | 119 |
| Unsure | 6% | 51 | 5% | 60 | 9% | 79 |
| Total | 100% | 3,328 | 100% | 1,168 | 100% | 905 |

Table 72: Planned Research Involvement as a Hospitalist*

| | 2022-2023 | | Students 2021-2022 | | 2020-2021 | |
|------------------------|---------------------------|-----|-----------------------|-------|-----------|-------|
| | % | # | % | # | % | # |
| | Involved in a limited way | 52% | 428 | 54% | 627 | 54% |
| Significantly Involved | 13% | 102 | 15% | 169 | 14% | 125 |
| Full-time | 6% | 46 | 7% | 77 | 4% | 33 |
| Unsure | 30% | 242 | 25% | 296 | 28% | 255 |
| Total | 100% | 818 | 100% | 1,169 | 100% | 3,768 |

Table 73: Size of Location Planned for Practice After Residency

| | 2022-2023 | | Students 2021-2022 | | 2020-2021 | |
|---|---------------------------------------|-------|-----------------------|-------|-----------|-------|
| | % | # | % | # | % | # |
| | Major Metropolitan Area (1,000,001 +) | 17% | 624 | 19% | 940 | 18% |
| Metropolitan Area (500,001 - 1,000,000) | 19% | 702 | 20% | 1,001 | 18% | 745 |
| City (100,001 - 500,000) | 23% | 864 | 24% | 1,170 | 24% | 998 |
| City (50,001 - 100,000) | 10% | 380 | 11% | 529 | 11% | 448 |
| City or Town (10,001 - 50,000) | 14% | 503 | 11% | 557 | 12% | 482 |
| City or Town (2,501 - 10,000) | 4% | 166 | 4% | 183 | 4% | 180 |
| Area 2,500 or less | 1% | 24 | 1% | 41 | 1% | 21 |
| Undecided | 13% | 473 | 11% | 526 | 12% | 473 |
| Total | 100% | 3,736 | 100% | 4,947 | 100% | 4,100 |

Table 74: Plans to Practice in Underserved/Shortage Area

| | Students | | | | | |
|--------|-----------|-------|-----------|-------|-----------|-------|
| | 2022-2023 | | 2021-2022 | | 2020-2021 | |
| | % | # | % | # | % | # |
| Yes | 40% | 1,525 | 43% | 2,134 | 41% | 1,696 |
| No | 15% | 555 | 15% | 746 | 16% | 648 |
| Unsure | 45% | 1,708 | 42% | 2,085 | 43% | 1,774 |
| Total | 100% | 3,788 | 100% | 4,965 | 100% | 4,118 |

Table 75: Percentage of Students Who Plan to Practice in Underserved/Shortage Areas

| | Students | | | | | |
|------------------------------|-----------|-----|-----------|-------|-----------|-------|
| | 2022-2023 | | 2021-2022 | | 2020-2021 | |
| | % | # | % | # | % | # |
| Gender | | | | | | |
| Male | 35% | 625 | 40% | 992 | 38% | 787 |
| Female | 45% | 890 | 47% | 1,121 | 45% | 846 |
| Race/Ethnicity | | | | | | |
| White | 40% | 884 | 43% | 1,244 | 40% | 962 |
| Asian | 35% | 295 | 36% | 394 | 39% | 342 |
| Hispanic/Latino | 49% | 156 | 49% | 216 | 49% | 161 |
| Black or African American | 69% | 66 | 69% | 103 | 69% | 69 |
| All Others* | 48% | 66 | 53% | 80 | 35% | 44 |
| Marital Status | | | | | | |
| Married/Cohabiting | 44% | 549 | 47% | 770 | 45% | 629 |
| Single | 39% | 964 | 42% | 1,334 | 40% | 1,007 |
| Financial Status | | | | | | |
| Independent | 45% | 999 | 47% | 1,436 | 45% | 1,138 |
| Dependent | 34% | 505 | 37% | 661 | 36% | 461 |
| Parental Income | | | | | | |
| \$49,999 and less | 51% | 221 | 54% | 308 | 50% | 249 |
| \$50,000 - \$99,999 | 45% | 356 | 48% | 564 | 44% | 426 |
| \$100,000 - 199,999 | 40% | 426 | 41% | 554 | 39% | 430 |
| \$200,000 or more | 35% | 374 | 39% | 488 | 38% | 380 |
| Parental Education | | | | | | |
| Graduate/Professional Degree | 38% | 712 | 41% | 1,004 | 41% | 796 |
| Bachelor's Degree | 39% | 403 | 44% | 580 | 39% | 429 |
| No College Degree | 48% | 383 | 47% | 509 | 45% | 396 |

*All Others include respondents indicating American Indian and Alaskan Native, Native Hawaiian and Pacific Islander or multiple races.

Table 76: Plans to Practice in Underserved/Shortage Area by Type

| | Students | | | | | |
|-----------------|-----------|-------|-----------|-------|-----------|-------|
| | 2022-2023 | | 2021-2022 | | 2020-2021 | |
| | % | # | % | # | % | # |
| Inner-city | 28% | 427 | 31% | 650 | 43% | 731 |
| Rural | 39% | 588 | 40% | 845 | 49% | 829 |
| Suburban/Urban* | 29% | 438 | 26% | 547 | --- | --- |
| Other | 4% | 63 | 4% | 87 | 8% | 131 |
| Total | 100% | 1,516 | 100% | 2,129 | 100% | 1,691 |

*In 2021-2022 additional underserved/shortage area types were included in the Graduations Seniors Survey.

Table 77: Percentage of Students Who Plan to Practice in Inner-city Underserved/Shortage Areas

| | Students | | | | | |
|------------------------------|-----------|-----|-----------|-----|-----------|-----|
| | 2022-2023 | | 2021-2022 | | 2020-2021 | |
| | % | # | % | # | % | # |
| Gender | | | | | | |
| Male | 25% | 154 | 25% | 252 | 39% | 304 |
| Female | 30% | 270 | 35% | 393 | 47% | 393 |
| Race/Ethnicity | | | | | | |
| White | 23% | 204 | 25% | 304 | 31% | 297 |
| Asian | 39% | 115 | 42% | 164 | 67% | 229 |
| Hispanic/Latino | 34% | 52 | 34% | 74 | 54% | 87 |
| Black or African American | 44% | 29 | 55% | 57 | 75% | 52 |
| All Others* | 25% | 16 | 26% | 21 | 43% | 19 |
| Marital Status | | | | | | |
| Married/Cohabiting | 22% | 121 | 25% | 190 | 33% | 209 |
| Single | 32% | 303 | 34% | 452 | 50% | 497 |
| Financial Status | | | | | | |
| Independent | 25% | 250 | 29% | 413 | 39% | 443 |
| Dependent | 34% | 172 | 35% | 228 | 53% | 243 |
| Parental Income | | | | | | |
| \$49,999 and less | 33% | 72 | 35% | 107 | 51% | 128 |
| \$50,000 - \$99,999 | 27% | 96 | 29% | 161 | 44% | 187 |
| \$100,000 - 199,999 | 28% | 118 | 29% | 159 | 39% | 165 |
| \$200,000 or more | 28% | 105 | 33% | 161 | 42% | 159 |
| Parental Education | | | | | | |
| Graduate/Professional Degree | 28% | 199 | 31% | 306 | 40% | 320 |
| Bachelor's Degree | 25% | 100 | 30% | 171 | 44% | 189 |
| No College Degree | 32% | 123 | 32% | 161 | 47% | 184 |

*All Others include respondents indicating American Indian and Alaskan Native, Native Hawaiian and Pacific Islander or multiple races.

Table 78: Percentage of Students Who Plan to Practice in Rural Underserved/Shortage Areas

| | Students | | | | | |
|------------------------------|-----------|-----|-----------|-----|-----------|-----|
| | 2022-2023 | | 2021-2022 | | 2020-2021 | |
| Gender | % | # | % | # | % | # |
| Male | 45% | 281 | 45% | 441 | 54% | 424 |
| Female | 34% | 304 | 35% | 395 | 45% | 382 |
| Race/Ethnicity | | | | | | |
| White | 50% | 438 | 51% | 639 | 61% | 588 |
| Asian | 18% | 52 | 16% | 62 | 27% | 91 |
| Hispanic/Latino | 29% | 45 | 33% | 71 | 39% | 62 |
| Black or African American | 9% | 6 | 16% | 16 | 15% | 10 |
| All Others* | 35% | 23 | 33% | 26 | 46% | 20 |
| Marital Status | | | | | | |
| Married/Cohabiting | 49% | 268 | 50% | 387 | 61% | 382 |
| Single | 33% | 316 | 34% | 447 | 42% | 419 |
| Financial Status | | | | | | |
| Independent | 43% | 432 | 44% | 631 | 53% | 604 |
| Dependent | 30% | 151 | 31% | 202 | 40% | 184 |
| Parental Income | | | | | | |
| \$49,999 and less | 30% | 65 | 36% | 109 | 42% | 104 |
| \$50,000 - \$99,999 | 43% | 151 | 43% | 245 | 49% | 210 |
| \$100,000 - 199,999 | 40% | 170 | 40% | 219 | 52% | 224 |
| \$200,000 or more | 37% | 140 | 37% | 182 | 51% | 194 |
| Parental Education | | | | | | |
| Graduate/Professional Degree | 41% | 292 | 39% | 395 | 51% | 405 |
| Bachelor's Degree | 41% | 164 | 41% | 234 | 48% | 207 |
| No College Degree | 32% | 122 | 41% | 206 | 47% | 187 |

*All Others include respondents indicating American Indian and Alaskan Native, Native Hawaiian and Pacific Islander or multiple races.

Table 79: Percentage of Students Who Plan to Practice in Suburban/Urban Specialty Shortage Areas†

| | Students | | | | | |
|------------------------------|-----------|-----|-----------|-----|-----------|-----|
| | 2022-2023 | | 2021-2022 | | 2020-2021 | |
| Gender | % | # | % | # | % | # |
| Male | 26% | 163 | 26% | 260 | --- | --- |
| Female | 31% | 274 | 26% | 285 | --- | --- |
| Race/Ethnicity | | | | | | |
| White | 23% | 203 | 21% | 263 | --- | --- |
| Asian | 41% | 121 | 38% | 148 | --- | --- |
| Hispanic/Latino | 34% | 30 | 29% | 63 | --- | --- |
| Black or African American | 46% | 53 | 25% | 26 | --- | --- |
| All Others* | 31% | 20 | 31% | 25 | --- | --- |
| Marital Status | | | | | | |
| Married/Cohabiting | 26% | 140 | 22% | 170 | --- | --- |
| Single | 31% | 297 | 28% | 374 | --- | --- |
| Financial Status | | | | | | |
| Independent | 28% | 274 | 23% | 335 | --- | --- |
| Dependent | 32% | 158 | 31% | 205 | --- | --- |
| Parental Income | | | | | | |
| \$49,999 and less | 35% | 77 | 26% | 81 | --- | --- |
| \$50,000 - \$99,999 | 26% | 91 | 25% | 142 | --- | --- |
| \$100,000 - 199,999 | 28% | 120 | 27% | 150 | --- | --- |
| \$200,000 or more | 31% | 115 | 26% | 127 | --- | --- |
| Parental Education | | | | | | |
| Graduate/Professional Degree | 27% | 190 | 26% | 260 | --- | --- |
| Bachelor's Degree | 30% | 121 | 27% | 153 | --- | --- |
| No College Degree | 32% | 122 | 25% | 125 | --- | --- |

*All Others include respondents indicating American Indian and Alaskan Native, Native Hawaiian and Pacific Islander or multiple races.

†In 2021-2022 additional underserved/shortage area types were included in the Graduations Seniors Survey.

Table 80: Planned Specialization - Graduating Seniors

| | Students | | | | | | |
|---|-----------------------------|-------------|--------------|-------------|--------------|-------------|--------------|
| | 2022-2023 | | 2021-2022 | | 2020-2021 | | |
| | % | # | % | # | % | # | |
| Family Medicine | Primary Care Specialties | 22% | 822 | 22% | 1083 | 22% | 909 |
| Internal Medicine, General | | 24% | 899 | 23% | 1161 | 9% | 389 |
| Pediatrics, General | | 8% | 317 | 9% | 438 | 3% | 141 |
| Internal Medicine, Subspecialty | | --- | --- | --- | --- | 14% | 570 |
| Emergency Medicine | | 11% | 426 | 11% | 557 | 12% | 490 |
| Psychiatry | | 6% | 214 | 5% | 271 | 5% | 214 |
| Pediatrics, Subspecialties | | 0% | | --- | --- | 4% | 180 |
| Anesthesiology | | 5% | 176 | 5% | 238 | 5% | 215 |
| OB/GYN and Subspecialties | | 4% | 148 | 4% | 193 | 4% | 163 |
| Surgery, General | | 4% | 139 | 4% | 204 | 3% | 122 |
| Radiology and Subspecialties | | --- | --- | --- | --- | 3% | 129 |
| Orthopedic Surgery | | 2% | 79 | 2% | 99 | 2% | 82 |
| Neurology | | 3% | 102 | 2% | 115 | 2% | 84 |
| Physical Medicine & Rehabilitation Med. | | 3% | 100 | 3% | 133 | 2% | 102 |
| Critical Care | | --- | --- | --- | --- | 1% | 39 |
| Surgery Subspecialties | | --- | --- | --- | --- | 1% | 29 |
| Sports Medicine | | --- | --- | --- | --- | 1% | 43 |
| Dermatology | | 1% | 34 | 1% | 47 | 1% | 35 |
| Pathology | | 1% | 50 | 1% | 61 | 1% | 46 |
| Geriatrics Medicine | | --- | --- | --- | --- | 0% | 16 |
| Otolaryngology | | 0% | 13 | 0% | 18 | 0% | 6 |
| Ophthalmology/Reconstructive Surgery | | 0% | 10 | 0% | 24 | 0% | 13 |
| Plastic Surgery | | 0% | 3 | 0% | 9 | 0% | 15 |
| Preventive Medicine | | 0% | 4 | 0% | 17 | 0% | 8 |
| Thoracic Surgery | | 0% | 3 | 0% | 1 | 0% | 9 |
| Osteopathic Neuromusculoskeletal Medicine | | 0% | 9 | 0% | 16 | 0% | 17 |
| Allergy and Immunology | | 1% | 21 | 0% | 19 | 0% | 3 |
| Urology/Urological Surgery | | 1% | 20 | 0% | 21 | 0% | 9 |
| Medical Genetics and Genomics | | 0% | 4 | 0% | 1 | 0% | 2 |
| Vascular Surgery | | 0% | 3 | 0% | 8 | 0% | 6 |
| Nuclear Medicine | | 0% | 1 | 0% | 1 | 0% | 2 |
| Child Neurology | | 0% | 16 | 0 | 11 | --- | --- |
| Diagnostic Radiology | | 2% | 75 | 0 | 150 | --- | --- |
| Interventional Radiology | | 0% | 18 | 0 | 20 | --- | --- |
| Neurodevelopmental Disabilities | | 0% | 14 | 0 | 4 | --- | --- |
| Neurological Surgery | | 0% | 2 | 0 | 14 | --- | --- |
| Radiation Oncology | | 0% | 4 | 0 | 7 | --- | --- |
| Colon Rectal Surgery | | --- | --- | --- | --- | 0% | 5 |
| Undecided or Indefinite | | 1% | 52 | 1% | 62 | 1% | 41 |
| Total | | 100% | 3,778 | 100% | 5,003 | 100% | 4,134 |

*In 2021-2022 the specialties were updated to align with the Accreditation Council for Graduate Medical Education (ACGME) specialty selections.

Table 81: Primary Care Plans, Graduating Seniors

| | Students | | | | | |
|------------------|-----------|-------|-----------|-------|-----------|-------|
| | 2022-2023 | | 2020-2021 | | 2019-2020 | |
| | % | # | % | # | % | # |
| Primary Care | 54% | 2,038 | 54% | 2,682 | 35% | 1,439 |
| Non-Primary Care | 45% | 1,688 | 45% | 2,259 | 64% | 2,654 |
| Undecided | 1% | 52 | 1% | 62 | 1% | 41 |
| Total | 100% | 3,778 | 100% | 5,003 | 100% | 4,134 |

Table 82: Percentage of Graduating Seniors Who Plan to Practice in Primary Care Specialties

| | Students | | | | | |
|------------------------------|-----------|-------|-----------|-------|-----------|-----|
| | 2022-2023 | | 2020-2021 | | 2019-2020 | |
| | % | # | % | # | % | # |
| Gender | | | | | | |
| Male | 50% | 893 | 49% | 1,239 | 31% | 643 |
| Female | 57% | 1,136 | 58% | 1,401 | 39% | 730 |
| Ethnicity | | | | | | |
| White | 52% | 1,141 | 51% | 1,471 | 33% | 795 |
| Asian | 61% | 503 | 62% | 679 | 38% | 337 |
| Hispanic/Latinio | 55% | 174 | 54% | 240 | 39% | 129 |
| Black or African American | 53% | 50 | 54% | 80 | 36% | 36 |
| All Others* | 58% | 79 | 54% | 81 | 35% | 45 |
| Marital Status | | | | | | |
| Married/Cohabiting | 54% | 677 | 53% | 883 | 38% | 532 |
| Single | 54% | 1,344 | 54% | 1,739 | 34% | 849 |
| Financial Status | | | | | | |
| Independent | 52% | 1,152 | 53% | 1,616 | 35% | 889 |
| Dependent | 58% | 851 | 55% | 989 | 36% | 461 |
| Parental Income | | | | | | |
| \$49,999 or less | 53% | 228 | 58% | 335 | 39% | 194 |
| \$50,000 - \$99,999 | 55% | 434 | 57% | 671 | 38% | 366 |
| \$100,000 - 199,999 | 55% | 590 | 54% | 735 | 35% | 385 |
| \$200,000 or more | 53% | 557 | 51% | 642 | 31% | 313 |
| Parental Education | | | | | | |
| Graduate/Professional Degree | 53% | 995 | 53% | 1,299 | 34% | 667 |
| Bachelor's Degree | 56% | 575 | 54% | 708 | 34% | 368 |
| No College Degree | 53% | 415 | 55% | 596 | 38% | 335 |
| Parental Profession | | | | | | |
| DO/MD† | 54% | 263 | 52% | 347 | 33% | 175 |
| Non-DO/MD | 49% | 118 | 56% | 183 | 31% | 85 |

†Category includes respondents who indicated a DO/MD father and/or mother.

*All Others include respondents indicating American Indian and Alaskan Native, Native Hawaiian and Pacific Islander or multiple races.

Table 83: Planned Specialty Choice Decision Factors

| | Mean Influence Rating* | | |
|---------------------------------------|------------------------|-----------|-----------|
| | 2022-2023 | 2021-2022 | 2020-2021 |
| Intellectual Content of the Specialty | 3.0 | 3.3 | 3.2 |
| Like Dealing with People | 2.9 | 3.1 | 3.0 |
| Skills/Abilities | 2.9 | 3.0 | 3.0 |
| Lifestyle | 2.9 | 3.0 | 3.0 |
| Role Models | 2.6 | 2.7 | 2.6 |
| Desire for Independence | 2.6 | 2.7 | 2.6 |
| Academic Environment | 2.5 | 2.7 | 2.6 |
| Like the Emphasis on Technical Skills | 2.5 | 2.6 | 2.7 |
| Previous Experience | 2.4 | 2.5 | 2.4 |
| Peer Influence | 2.1 | 2.1 | 2.1 |
| Opportunity for Research/Creativity | 1.9 | 1.9 | 1.8 |
| Prestige/Income Potential | 1.8 | 1.9 | 1.9 |
| Debt Level | 1.7 | 1.8 | 1.9 |
| Program has Osteopathic Recognition† | 1.1 | 1.0 | 1.0 |

*Scale from 0 to 4; 0 being "No Influence," 4 being "Major Influence."

**Table 84: Planned Specialty Choice -
Non-Under Represented Minority and Under Represented Minority**

| | All Students | Mean Influence Rating* | | | |
|---------------------------------------|--------------|----------------------------|--------|--------------------------------|--------|
| | | Under Represented Minority | | Non-Under Represented Minority | |
| | | Male | Female | Male | Female |
| Intellectual Content of the Specialty | 3.0 | 3.0 | 3.0 | 3.1 | 3.1 |
| Like Dealing with People | 2.9 | 2.9 | 3.0 | 2.8 | 3.0 |
| Skills/Abilities | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 |
| Lifestyle | 2.9 | 2.9 | 2.9 | 3.0 | 2.8 |
| Role Models | 2.6 | 2.5 | 2.6 | 2.6 | 2.6 |
| Desire for Independence | 2.6 | 2.7 | 2.7 | 2.7 | 2.5 |
| Academic Environment | 2.5 | 2.6 | 2.6 | 2.5 | 2.6 |
| Like the Emphasis on Technical Skills | 2.5 | 2.6 | 2.4 | 2.6 | 2.4 |
| Previous Experience | 2.4 | 2.5 | 2.4 | 2.5 | 2.4 |
| Peer Influence | 2.1 | 2.1 | 2.1 | 2.1 | 2.0 |
| Opportunity for Research/Creativity | 1.9 | 2.0 | 1.8 | 1.9 | 1.8 |
| Prestige/Income Potential | 1.8 | 2.0 | 1.8 | 2.0 | 1.6 |
| Debt Level | 1.7 | 2.0 | 1.7 | 1.9 | 1.6 |
| Program has Osteopathic Recognition† | 1.1 | 1.6 | 1.2 | 1.1 | 1.0 |

*Scale from 0 to 4; 0 being "No Influence," 4 being "Major Influence."

Table A1: 2022-2023 Graduating Seniors Response**Rate to the AACOM Graduating Seniors Survey**

| Response Rate Range | Number of COMs | | |
|---------------------------------|----------------|-----------|-----------|
| | 2022-2023 | 2021-2022 | 2020-2021 |
| 90% or more | 16 | 25 | 17 |
| 75% - 89% | 3 | 1 | 3 |
| 50% - 74% | 3 | 4 | 5 |
| 25% - 49% | 9 | 7 | 14 |
| Less than 25% | 18 | 9 | 6 |
| Mean response rate for all COMs | 53% | 72% | 63% |

Table A2: 2022-2023 Response Rate to Debt, Scholarship and Specialty Survey Questions

| | Response Rate |
|--|---------------|
| Debt | |
| Total Osteopathic Medical Education Loans | 61% |
| Unsubsidized Stafford or FFELP | 54% |
| Subsidized Stafford or FFELP | 30% |
| Graduate PLUS | 48% |
| Perkins | 20% |
| Loans for Disadvantaged Students (LDS) | 20% |
| Primary Care Loan (PCL) | 20% |
| Other State-Issued Loans | 19% |
| Osteopathic Association Loans | 19% |
| Alternative Loans | 20% |
| Other | 21% |
| Family Loans to be Repaid by Student | 55% |
| Non-Educational Debt | 76% |
| At Entry, Loans Owing for Undergraduate Education | 84% |
| At Entry, Loans Owing for Post-Bac Education | 83% |
| Scholarships/Grants | |
| Total Scholarships/Grants | 34% |
| National Health Service Corps Scholarship | 19% |
| Veterans Affairs Health Professionals Scholarship | 19% |
| Armed Forces Health Professions Scholarship | 20% |
| Post-9/11 GI Bill | 19% |
| Indian Health Service Scholarship | 18% |
| Department of Defense Tuition Assistance | 18% |
| Scholarships for Disadvantaged Students | 18% |
| Diversity/Minority Scholarship | 19% |
| Western Interstate Commission for Higher Education (WICHE) | 18% |
| State Government Scholarship/Grant | 19% |
| Award from Osteopathic Medical School | 24% |
| Tuition Waiver | 18% |
| Osteopathic Association | 19% |
| Other Sources | 21% |
| Specialty | |
| Specialty Choice | 91% |