



2018-2019 ACADEMIC YEAR

Graduating Seniors Summary Report

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

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Each year, AACOM collaborates with the nation's colleges of osteopathic medicine (COMs) to distribute the AACOM Graduating Seniors Survey. The survey queries graduating seniors on a variety of topics and compiles a comprehensive snapshot of students' self-reported debt and financing of medical education, educational experiences, and satisfaction with their medical education. The survey asks students to outline their plans for graduate medical education (GME), specialty selection, and career. A total of 4,983 expected 2019 graduates responded to the survey from 35 COMs and branch campuses. The 2019 "Osteopathic Medical GME Placements Report" anticipated a graduate count of 6,636. Based on this number, the response rate for the Graduating Seniors Survey is approximately 75 percent. The "AACOM 2018-2019 Academic Year Graduating Seniors Survey Summary Report" is made available to the public. The COMs are distributed a school report with their students' survey response rate.

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 2019 graduates is \$256,562, an increase of \$1,609 or 0.6 percent over 2018. Eighty-three percent of 2019 graduates reported having debt—a slight decline from the previous graduating class: 84 percent in 2018. The mean debt reported by public COM graduates is \$236,333, compared to private COM graduates at \$260,854—a difference of \$24,521 or 9.9 percent. Public COM graduates' mean debt increased from 2018 by 6.0 percent and private COM graduates' mean debt decreased from 2018 by 0.1 percent.

Table 1.1—1.1a – : Thirty percent of graduates reported receiving a Subsidized Stafford Loan. From 2018 to 2019, the percentage of students who reported receiving a Subsidized Stafford Loan has remained the same—30 percent. Despite the decrease award amount for the Subsidized Stafford Loans in 2016, 2019 graduates reported a median loan amount of \$40,000, an increase by \$16,472 or 70.0 percent from 2018.

Table 1.1 – : Five percent of 2019 graduates reported receiving a Perkins Loan, a decrease of 64.3 percent over the previous two years: 8 percent in 2018 and 14 percent in 2017. The mean Perkins Loan amount reported by the 2019 graduates is \$17,058, an increase of 34.5 percent from 2018.

Table 1.2 – : Forty-seven percent of 2019 graduates reported having a mean pre-medical education debt of \$52,348, an increase of 6.0 percent compared to the mean pre-medical education debt of \$49,386 reported by 2018 graduates.

Table 2.1 – : In 2019, male graduates reported a mean osteopathic medical education debt of \$260,673, and female graduates reported a mean osteopathic medical education debt of \$251,877. The difference in the mean debt reported by male and female graduates is 3.4 percent or \$8,796. Eighty-two percent of males and 84 percent of females reported having osteopathic medical education debt—a decrease from 2018 by 3.5 percent and 1.2 percent, respectively.

Table 2.2 – : Compared to previous years, a greater percentage of White graduates reported having more debt than Hispanic/Latino graduates—85 percent and 84 percent, respectively. A greater percentage of Black/African American graduates continue to report having more debt (92 percent). Only 74 percent of Asian students reported graduating with debt, with a mean graduate debt of \$227,654. 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 2019 graduates is \$64,416. Forty-three percent of graduates reported receiving scholarship/grant awards. Private COM graduates reported receiving higher scholarships and grants totals compared to public COM graduates. Scholarships and grants reported by private COM graduates total \$69,695, with public COM graduates reporting \$43,767. Forty-nine percent of public COM 2019 graduates reported receiving scholarships and grants, compared to 42 percent of private COM graduates—a difference of 15.4 percent. Data showing scholarships and grants by demographic factors are in Tables 8.1 – 9.6.

Satisfaction with Osteopathic Medical Education

Table 11 – : Seventy-five percent of the 2019 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-seven percent of the 2019 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.”

Table 13 – : Forty-six percent of the 2019 graduates reported that if starting medical education again, they would prefer to enroll in the same COM. In the past two years, a higher percentage of graduates reported that they would wish to enroll in the same COM—47 percent in 2018 and 49 percent in 2017—representing a modest change in the graduates' decisions. Forty-one percent of graduates reported that they would prefer to enroll in an allopathic medical school, up from 39 percent in 2018 and 36 percent in 2017. Tables 14 – 22 and 25 – 39 include more detailed information on student satisfaction with various elements of osteopathic medical education.

Graduate Osteopathic Medical Education and Primary Care Specialty Plans

*Table 40 – : Fifty-one percent of the 2019 graduates reported entering an ACGME residency without osteopathic recognition immediately after graduation—an increase of 15.9 percent from 2018. Graduates entering an osteopathic residency has decreased from 15 percent in 2018 to 6 percent in 2019.

Tables 51 & 54 – : Thirty-two 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 continues to be the “Intellectual Content of the Specialty” with a rating of 3.3 on a scale of 0 to 4; 0 being “no influence” and 4 being “major influence.” The least three factors that influence specialty choices continue to be “Prestige/Income Potential,” “Debt Level,” and “Opportunity for Research/Creativity.” Tables 40 – 55 display more complete information on specialty and practice plans.

**Notes:*

In 2016, the Immediate Post-Graduate Plans options were updated to coincide with the Single Graduate Medical Education Accreditation System. Please see Table 40.

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						
2018-2019	\$256,562	\$236,333	\$260,854	83%	84%	82%
2017-2018	\$254,953	\$222,972	\$261,133	84%	87%	84%
2016-2017	\$247,218	\$217,525	\$253,168	85%	86%	84%
Unsubsidized Stafford or FFELP						
2018-2019	\$166,138	\$164,469	\$166,497	79%	80%	78%
2017-2018	\$165,923	\$163,656	\$166,367	81%	83%	81%
2016-2017	\$163,090	\$162,507	\$163,209	81%	84%	81%
Subsidized Stafford or FFELP†						
2018-2019	\$38,240	\$34,307	\$39,169	30%	31%	30%
2017-2018	\$34,672	\$34,010	\$34,835	30%	37%	29%
2016-2017	\$32,196	\$26,721	\$33,293	34%	33%	34%
Graduate PLUS						
2018-2019	\$120,758	\$102,287	\$124,231	67%	62%	68%
2017-2018	\$112,117	\$82,662	\$116,749	70%	63%	71%
2016-2017	\$102,395	\$72,568	\$107,318	69%	62%	71%
Perkins						
2018-2019	\$17,058	\$17,668	\$16,854	5%	7%	5%
2017-2018	\$12,686	\$14,360	\$12,042	8%	14%	7%
2016-2017	\$13,234	\$13,575	\$12,988	14%	32%	10%
Loans for Disadvantaged Students (LDS)						
2018-2019	\$47,650	\$37,769	\$56,212	1%	3%	1%
2017-2018	\$32,477	\$40,154	\$28,864	1%	2%	1%
2016-2017	\$35,620	\$26,167	\$38,086	1%	1%	1%
Primary Care Loan (PCL)						
2018-2019	\$108,612	\$64,533	\$121,836	1%	1%	1%
2017-2018	\$119,143	\$31,717	\$148,286	2%	2%	1%
2016-2017	\$124,814	\$46,667	\$129,803	2%	1%	2%
Other State-Issued Loans						
2018-2019	\$51,812	\$19,506	\$64,066	2%	3%	2%
2017-2018	\$88,983	\$39,278	\$105,104	2%	3%	2%
2016-2017	\$64,058	\$32,000	\$78,942	2%	3%	1%
Osteopathic Association Loans						
2018-2019	\$74,118	\$2,000	\$82,131	0.4%	0.2%	0.5%
2017-2018	\$9,485	\$11,667	\$8,939	1%	1%	1%
2016-2017	\$32,726	\$20,000	\$33,433	1%	0.2%	1%
Alternative Loans						
2018-2019	\$45,418	\$25,802	\$52,919	2%	3%	2%
2017-2018	\$48,369	\$60,155	\$45,422	2%	2%	2%
2016-2017	\$41,371	\$31,250	\$42,840	3%	2%	3%
Other						
2018-2019	\$92,479	\$101,072	\$90,734	7%	6%	7%
2017-2018	\$78,464	\$62,458	\$80,325	8%	5%	8%
2016-2017	\$68,295	\$55,960	\$70,717	8%	8%	9%

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

‡Mean taken from responses greater than zero.

†In 2015-2016 graduates experienced a decrease in Subsidized Stafford Loans due to reaching their loan limit and/or loan was not offered.

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					
2018-2019	\$265,297	\$235,000	\$273,183	542	2,554
2017-2018	\$265,000	\$222,448	\$273,024	536	2,774
2016-2017	\$256,039	\$214,939	\$264,184	536	2,675
Unsubsidized Stafford or FFELP					
2018-2019	\$179,778	\$177,556	\$180,000	500	2,330
2017-2018	\$179,777	\$176,044	\$179,777	502	2,562
2016-2017	\$176,000	\$175,333	\$176,000	509	2,487
Subsidized Stafford or FFELP†					
2018-2019	\$40,000	\$25,000	\$40,000	154	652
2017-2018	\$23,538	\$22,993	\$25,000	175	711
2016-2017	\$20,000	\$18,000	\$22,000	162	808
Graduate PLUS					
2018-2019	\$104,904	\$87,052	\$114,600	351	1,867
2017-2018	\$100,000	\$68,973	\$105,992	334	2,124
2016-2017	\$94,885	\$57,000	\$100,000	336	2,036
Perkins					
2018-2019	\$7,900	\$10,000	\$7,530	29	87
2017-2018	\$8,000	\$12,000	\$5,000	60	156
2016-2017	\$8,000	\$7,300	\$9,513	152	211
Loans for Disadvantaged Students (LDS)					
2018-2019	\$40,000	\$30,000	\$60,000	13	15
2017-2018	\$30,000	\$33,000	\$10,000	8	17
2016-2017	\$25,000	\$24,500	\$27,000	6	47
Primary Care Loan (PCL)					
2018-2019	\$100,000	\$43,750	\$100,000	6	20
2017-2018	\$48,584	\$30,000	\$91,500	10	30
2016-2017	\$100,000	\$25,000	\$100,000	3	47
Other State-Issued Loans					
2018-2019	\$22,500	\$20,000	\$40,000	11	29
2017-2018	\$39,000	\$15,000	\$42,843	12	37
2016-2017	\$20,000	\$14,000	\$33,500	13	28
Osteopathic Association Loans					
2018-2019	\$29,000	\$2,000	\$40,000	1	9
2017-2018	\$4,000	\$15,000	\$3,000	3	12
2016-2017	\$20,000	\$20,000	\$17,500	1	18
Alternative Loans					
2018-2019	\$20,000	\$20,000	\$22,500	13	34
2017-2018	\$20,000	\$10,000	\$20,000	9	36
2016-2017	\$20,000	\$18,000	\$20,000	9	62
Other					
2018-2019	\$40,000	\$40,000	\$40,000	27	133
2017-2018	\$30,000	\$31,500	\$30,000	20	172
2016-2017	\$30,000	\$20,000	\$32,000	32	163

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

†In 2015-2016 graduates experienced a decrease in Subsidized Stafford Loans due to reaching their loan limit and/or loan was not offered.

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						
2018-2019	\$52,348	\$48,495	\$53,137	47%	50%	47%
2017-2018	\$49,386	\$47,117	\$49,800	48%	49%	48%
2016-2017	\$45,106	\$42,907	\$45,504	50%	49%	50%
At Entry, Loans Owing for Post-Bac Education[†]						
2018-2019	\$52,607	\$47,957	\$53,349	34%	28%	36%
2017-2018	\$51,450	\$41,869	\$53,108	33%	31%	33%
2016-2017	\$41,651	\$35,161	\$42,675	34%	30%	35%
Reported Family Loans to be Repaid by Student						
2018-2019	\$109,168	\$100,861	\$110,959	6%	6%	6%
2017-2018	\$118,942	\$138,531	\$114,763	5%	6%	5%
2016-2017	\$96,313	\$64,898	\$101,786	6%	5%	6%
Reported Non-Educational Debt						
2018-2019	\$24,731	\$24,834	\$24,712	38%	36%	38%
2017-2018	\$24,717	\$20,490	\$25,498	38%	39%	38%
2016-2017	\$23,752	\$27,800	\$22,978	40%	40%	40%

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

‡Mean taken from responses greater than zero.

† Amounts indicated are a portion of those indicated in the "At Entry, Loans Owing for Undergraduate Education" source of debt.

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					
2018-2019	\$30,000	\$30,000	\$30,000	380	1,856
2017-2018	\$30,000	\$30,000	\$30,000	348	1,909
2016-2017	\$30,000	\$29,500	\$30,000	338	1,863
At Entry, Loans Owing for Post-Bac Education[†]					
2018-2019	\$40,000	\$40,000	\$40,000	105	658
2017-2018	\$40,000	\$35,000	\$40,000	108	624
2016-2017	\$30,000	\$22,000	\$30,303	101	640
Reported Family Loans to be Repaid by Student					
2018-2019	\$75,000	\$57,500	\$80,000	36	167
2017-2018	\$90,923	\$117,500	\$80,000	32	150
2016-2017	\$55,000	\$50,000	\$60,000	27	155
Reported Non-Educational Debt					
2018-2019	\$15,000	\$13,000	\$15,000	250	1,306
2017-2018	\$15,000	\$15,000	\$15,000	249	1,347
2016-2017	\$15,000	\$15,000	\$15,000	260	1,361

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

† Amounts indicated are a portion of those indicated in the "At Entry, Loans Owing for Undergraduate Education" source of debt.

Table 2.1: Reported Debt and Gender

Gender	Debt[‡] Mean	Debt Median	% in Debt	# of Students
Male				
2018-2019	\$260,673	\$270,466	82%	1,633
2017-2018	\$254,836	\$264,057	85%	1,793
2016-2017	\$249,523	\$260,000	85%	1,725
Female				
2018-2019	\$251,877	\$258,715	84%	1,393
2017-2018	\$254,059	\$265,588	85%	1,449
2016-2017	\$245,007	\$250,000	85%	1,444

‡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				
2018-2019	\$258,364	\$270,000	85%	2,166
2017-2018	\$257,409	\$269,958	86%	2,296
2016-2017	\$249,903	\$260,000	86%	2,262
Asian				
2018-2019	\$227,654	\$229,921	74%	227
2017-2018	\$222,201	\$224,000	76%	245
2016-2017	\$216,194	\$217,000	78%	237
Hispanic/Latino				
2018-2019	\$283,431	\$299,946	84%	47
2017-2018	\$282,736	\$282,500	92%	55
2016-2017	\$265,413	\$283,000	93%	42
Black or African American				
2018-2019	\$293,894	\$304,908	92%	97
2017-2018	\$304,631	\$309,665	94%	88
2016-2017	\$286,540	\$292,836	96%	112
All Others*				
2018-2019	\$274,218	\$277,886	74%	23
2017-2018	\$247,998	\$243,050	89%	42
2016-2017	\$277,803	\$273,750	86%	38

‡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				
2018-2019	\$266,389	\$280,000	84%	1,102
2017-2018	\$259,847	\$275,688	88%	1,233
2016-2017	\$255,919	\$266,533	86%	1,263
Single				
2018-2019	\$251,307	\$259,451	82%	1,913
2017-2018	\$251,099	\$260,000	83%	1,995
2016-2017	\$242,290	\$250,000	84%	1,909

‡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				
2018-2019	\$273,955	\$289,000	90%	2,080
2017-2018	\$271,005	\$285,000	91%	2,217
2016-2017	\$261,518	\$273,354	90%	2,267
Dependent				
2018-2019	\$217,539	\$215,500	69%	877
2017-2018	\$219,101	\$215,716	73%	950
2016-2017	\$209,597	\$214,377	72%	821

‡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				
2018-2019	\$280,912	\$289,500	93%	438
2017-2018	\$269,416	\$280,000	93%	475
2016-2017	\$260,669	\$268,349	93%	481
\$50,000 - \$99,999				
2018-2019	\$268,691	\$284,748	91%	827
2017-2018	\$266,168	\$280,000	92%	917
2016-2017	\$259,592	\$267,000	90%	913
\$100,000 - \$199,999				
2018-2019	\$253,984	\$262,797	84%	895
2017-2018	\$253,825	\$265,000	88%	969
2016-2017	\$247,806	\$256,832	87%	900
\$200,000 or more				
2018-2019	\$230,612	\$234,164	71%	663
2017-2018	\$231,209	\$230,000	70%	674
2016-2017	\$220,796	\$221,010	73%	669

‡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				
2018-2019	\$248,059	\$254,000	78%	1,481
2017-2018	\$243,468	\$250,113	79%	1,579
2016-2017	\$237,968	\$247,326	81%	1,539
Bachelor's Degree				
2018-2019	\$257,919	\$267,322	87%	885
2017-2018	\$262,174	\$273,577	89%	892
2016-2017	\$250,357	\$260,000	86%	843
No College Degree				
2018-2019	\$273,956	\$288,826	89%	694
2017-2018	\$269,843	\$280,000	92%	800
2016-2017	\$263,501	\$273,381	92%	806

†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					
2018-2019	\$226,087	\$292,973	26%	83%	95%
2017-2018	\$239,884	\$276,046	14%	89%	94%
2016-2017	\$217,526	\$266,605	20%	87%	94%
\$50,000 - \$99,999					
2018-2019	\$242,567	\$276,140	13%	84%	93%
2017-2018	\$234,210	\$277,721	17%	91%	93%
2016-2017	\$232,356	\$268,619	14%	89%	91%
\$100,000 - \$199,999					
2018-2019	\$220,987	\$273,489	21%	76%	89%
2017-2018	\$218,247	\$269,785	21%	83%	91%
2016-2017	\$214,679	\$260,683	19%	81%	90%
\$200,000 or more					
2018-2019	\$202,130	\$254,078	23%	57%	87%
2017-2018	\$203,227	\$255,583	23%	58%	85%
2016-2017	\$185,844	\$246,279	28%	60%	87%

‡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				
2018-2019	\$235,000	\$300,000	71	346
2017-2018	\$237,731	\$286,131	74	382
2016-2017	\$226,273	\$279,731	59	408
\$50,000 - \$99,999				
2018-2019	\$246,250	\$291,516	162	636
2017-2018	\$240,000	\$289,500	213	673
2016-2017	\$234,028	\$275,000	187	695
\$100,000 - \$199,999				
2018-2019	\$220,000	\$285,600	309	552
2017-2018	\$219,358	\$284,126	300	636
2016-2017	\$220,000	\$273,015	266	601
\$200,000 or more				
2018-2019	\$200,000	\$259,758	291	366
2017-2018	\$200,000	\$268,928	313	351
2016-2017	\$189,319	\$260,000	272	385

‡Mean taken from responses greater than zero.

Table 4: Osteopathic Education Debt, Consolidation & Repayment Plans

	% Students	# of Students
Will Consolidate Debt		
2018-2019	39%	1,737
2017-2018	40%	1,829
2016-2017	41%	1,756
Will Not Consolidate Debt		
2018-2019	27%	1,231
2017-2018	26%	1,174
2016-2017	26%	1,108
Undecided		
2018-2019	34%	1,526
2017-2018	34%	1,547
2016-2017	34%	1,470
Mean Years to Repay Debt		
2018-2019	12	4,104
2017-2018	13	4,219
2016-2017	13	4,017

Table 5: Osteopathic Education Debt & Loan Forgiveness Participation Plans

	% Students	# of Students
Will Participate		
2018-2019	50%	2,210
2017-2018	55%	2,491
2016-2017	55%	2,385
Will Not Participate		
2018-2019	51%	2,256
2017-2018	45%	2,043
2016-2017	45%	1,925

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

	% Students	# of Students
Hospital Program		
2018-2019	45%	962
2017-2018	46%	1,106
2016-2017	52%	1,223
Department of Education's Public Service Loan Forgiveness		
2018-2019	70%	1,498
2017-2018	70%	1,691
2016-2017	65%	1,528
State Loan Forgiveness Program		
2018-2019	31%	660
2017-2018	33%	796
2016-2017	36%	855
National Health Service Corps		
2018-2019	8%	181
2017-2018	9%	215
2016-2017	12%	290
Armed Services (Navy, Army, Air Force)		
2018-2019	3%	74
2017-2018	3%	80
2016-2017	3%	80
Indian Health Service Loan Repayment Program		
2018-2019	3%	53
2017-2018	3%	75
2016-2017	--	--
National Institutes of Health Loan Repayment Program		
2018-2019	10%	216
2017-2018	11%	262
2016-2017	--	--
Other Loan Forgiveness Programs		
2018-2019	4%	88
2017-2018	4%	98
2016-2017	3%	75

Table 7: Expected Net Income

	Mean	Median	Mode
One Year After Residency			
2018-2019	\$219,620	\$200,000	\$200,000
2017-2018	\$200,634	\$200,000	\$200,000
2016-2017	\$193,494	\$200,000	\$200,000
Five Years After Residency			
2018-2019	\$289,810	\$250,000	\$300,000
2017-2018	\$265,017	\$250,000	\$250,000
2016-2017	\$260,749	\$250,000	\$250,000
Ten Years After Residency			
2018-2019	\$372,554	\$300,000	\$300,000
2017-2018	\$330,717	\$300,000	\$300,000
2016-2017	\$325,660	\$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						
2018-2019	\$64,416	\$43,767	\$69,695	43%	49%	42%
2017-2018	\$67,266	\$50,383	\$70,970	43%	48%	42%
2016-2017	\$67,094	\$47,179	\$71,815	42%	46%	41%
National Health Service Corps (NHSC) Scholarship						
2018-2019	\$194,600	\$185,378	\$196,374	1%	1%	1%
2017-2018	\$165,555	\$171,713	\$164,907	2%	1%	2%
2016-2017	\$182,103	\$150,734	\$188,964	2%	2%	2%
Armed Forces Health Professions (AFHP) Scholarship						
2018-2019	\$250,336	\$229,503	\$252,678	8%	5%	9%
2017-2018	\$246,875	\$218,771	\$250,553	8%	6%	9%
2016-2017	\$248,919	\$216,534	\$253,351	9%	6%	9%
Post-9/11 GI Bill						
2018-2019	\$65,959	\$64,333	\$66,402	2%	2%	2%
2017-2018	\$56,040	\$88,714	\$49,110	2%	2%	2%
2016-2017	--	--	--	--	--	--
Indian Health Service Scholarship						
2018-2019	\$264,000	\$264,000	\$0	0%	0.2%	0%
2017-2018	\$82,629	\$100,000	\$79,733	0%	0%	0%
2016-2017	--	--	--	--	--	--
Department of Defense Tuition Assistance						
2018-2019	\$9,000	\$0	\$9,000	0%	0%	0.1%
2017-2018	\$59,250	\$0	\$59,250	0%	0%	0%
2016-2017	--	--	--	--	--	--
Scholarships for Disadvantaged Students						
2018-2019	\$22,627	\$26,428	\$20,600	2%	4%	2%
2017-2018	\$20,946	\$25,264	\$19,461	2%	3%	2%
2016-2017	--	--	--	--	--	--
State Government Scholarship/Grant						
2018-2019	\$28,392	\$17,354	\$32,684	4%	7%	4%
2017-2018	\$21,325	\$23,976	\$20,670	4%	5%	4%
2016-2017	\$27,450	\$20,976	\$28,881	5%	5%	5%
Award from Osteopathic Medical School						
2018-2019	\$18,013	\$15,636	\$18,663	24%	28%	23%
2017-2018	\$17,692	\$16,717	\$17,901	23%	25%	22%
2016-2017	\$17,128	\$14,508	\$17,685	24%	23%	24%
Tuition Waiver						
2018-2019	\$54,885	\$48,583	\$56,919	2%	2%	2%
2017-2018	\$62,849	\$79,217	\$55,985	2%	3%	2%
2016-2017	\$49,691	\$48,203	\$51,299	2%	6%	1%
Osteopathic Association						
2018-2019	\$13,296	\$9,563	\$14,622	4%	7%	4%
2017-2018	\$6,643	\$5,670	\$6,889	4%	5%	4%
2016-2017	\$6,738	\$5,060	\$7,488	6%	11%	5%
Other Sources						
2018-2019	\$16,782	\$16,730	\$16,800	10%	15%	9%
2017-2018	\$21,254	\$16,811	\$22,587	11%	15%	10%
2016-2017	\$16,562	\$14,187	\$17,411	8%	12%	8%

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

‡Mean taken from responses greater than zero.

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					
2018-2019	\$10,000	\$10,000	\$10,000	248	970
2017-2018	\$11,399	\$11,153	\$11,900	231	1,053
2016-2017	\$10,000	\$10,000	\$10,000	233	983
National Health Service Corps (NHSC) Scholarship					
2018-2019	\$196,011	\$180,000	\$198,006	5	26
2017-2018	\$179,973	\$163,426	\$180,000	4	38
2016-2017	\$200,000	\$200,000	\$187,500	7	32
Armed Forces Health Professions (AFHP) Scholarship					
2018-2019	\$250,000	\$250,000	\$250,000	19	169
2017-2018	\$250,000	\$216,883	\$250,000	25	191
2016-2017	\$250,000	\$200,000	\$250,000	26	190
Post-9/11 GI Bill					
2018-2019	\$60,000	\$35,000	\$64,000	9	33
2017-2018	\$42,206	\$70,000	\$40,000	7	33
2016-2017	--	--	--	--	--
Indian Health Service Scholarship					
2018-2019	\$264,000	\$264,000	\$0	1	0
2017-2018	\$40,000	\$100,000	\$35,000	1	6
2016-2017	--	--	--	--	--
Department of Defense Tuition Assistance					
2018-2019	\$9,000	\$0	\$9,000	0	1
2017-2018	\$6,000	\$0	\$6,000	0	4
2016-2017	--	--	--	--	--
Scholarships for Disadvantaged Students					
2018-2019	\$8,000	\$6,000	\$10,000	16	30
2017-2018	\$15,000	\$11,700	\$17,500	11	32
2016-2017	--	--	--	--	--
State Government Scholarship/Grant					
2018-2019	\$7,000	\$8,000	\$6,420	28	72
2017-2018	\$6,375	\$8,000	\$6,350	21	85
2016-2017	\$6,575	\$6,000	\$6,750	21	95
Award from Osteopathic Medical School					
2018-2019	\$5,200	\$6,000	\$5,000	129	472
2017-2018	\$5,000	\$4,000	\$5,000	106	494
2016-2017	\$6,000	\$4,350	\$6,500	108	508
Tuition Waiver					
2018-2019	\$49,000	\$47,532	\$50,000	10	31
2017-2018	\$50,000	\$85,444	\$50,000	13	31
2016-2017	\$46,994	\$40,000	\$50,000	27	25
Osteopathic Association					
2018-2019	\$3,000	\$2,500	\$3,250	27	76
2017-2018	\$2,000	\$4,000	\$2,000	21	83
2016-2017	\$2,000	\$2,500	\$2,000	46	103
Other Sources					
2018-2019	\$5,000	\$5,000	\$5,000	63	175
2017-2018	\$6,000	\$7,500	\$6,000	63	210
2016-2017	\$6,000	\$7,750	\$5,000	54	151

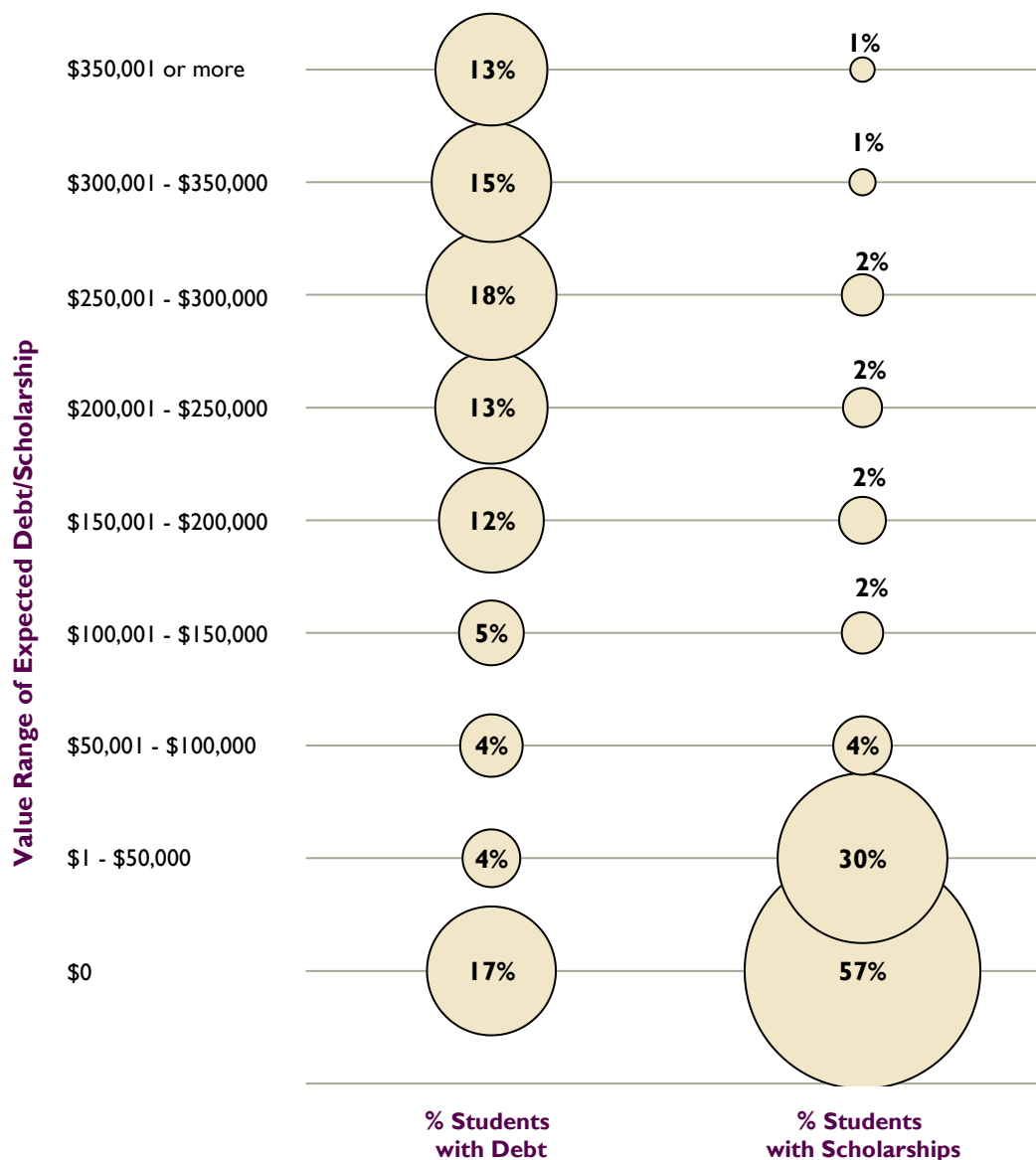
*All award data are self-reported by survey respondents.

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						
2018-2019	\$43,767	\$69,695	\$10,000	\$10,000	49%	42%
2017-2018	\$50,383	\$70,970	\$11,153	\$11,900	48%	42%
2016-2017	\$47,179	\$71,815	\$10,000	\$10,000	46%	41%
Non-AFHP/NHSC Scholarships						
2018-2019	\$24,133	\$25,162	\$8,000	\$7,000	47%	36%
2017-2018	\$27,122	\$23,838	\$8,000	\$7,000	45%	36%
2016-2017	\$21,128	\$21,358	\$7,005	\$7,000	42%	35%

[‡]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				
2018-2019	\$70,365	\$10,000	42%	623
2017-2018	\$79,634	\$15,000	41%	650
2016-2017	\$79,711	\$12,000	41%	625
Female				
2018-2019	\$58,840	\$10,000	44%	574
2017-2018	\$52,994	\$10,000	45%	611
2016-2017	\$53,262	\$9,000	43%	579

[‡]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						
2018-2019	\$70,365	\$58,840	\$10,000	\$10,000	42%	44%
2017-2018	\$79,634	\$52,994	\$15,000	\$10,000	41%	45%
2016-2017	\$79,711	\$53,262	\$12,000	\$9,000	41%	43%
AFHP Scholarships						
2018-2019	\$252,597	\$247,168	\$250,000	\$247,000	9%	6%
2017-2018	\$242,954	\$251,644	\$250,000	\$250,000	11%	6%
2016-2017	\$248,668	\$245,529	\$250,000	\$250,000	12%	5%
Non-AFHP Scholarships						
2018-2019	\$27,101	\$34,276	\$6,900	\$8,000	37%	41%
2017-2018	\$31,209	\$29,980	\$8,651	\$7,000	35%	42%
2016-2017	\$24,345	\$30,976	\$7,000	\$8,000	34%	40%

[‡]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				
2018-2019	\$67,207	\$10,000	46%	923
2017-2018	\$71,411	\$12,000	45%	935
2016-2017	\$71,882	\$11,000	45%	928
Asian				
2018-2019	\$16,762	\$4,750	29%	66
2017-2018	\$35,438	\$9,750	31%	75
2016-2017	\$35,355	\$7,750	24%	52
Hispanic/Latino				
2018-2019	\$98,717	\$50,400	40%	17
2017-2018	\$79,279	\$16,500	55%	28
2016-2017	\$33,320	\$15,000	29%	9
Black or African American				
2018-2019	\$62,051	\$20,000	49%	41
2017-2018	\$25,130	\$9,000	48%	39
2016-2017	\$32,356	\$11,000	45%	43
All Others*				
2018-2019	\$110,888	\$45,000	35%	8
2017-2018	\$73,058	\$43,000	46%	19
2016-2017	\$50,531	\$10,000	54%	21

‡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				
2018-2019	\$83,325	\$19,610	49%	487
2017-2018	\$79,918	\$21,181	47%	496
2016-2017	\$84,790	\$16,144	47%	551
Single				
2018-2019	\$51,827	\$8,000	39%	705
2017-2018	\$58,246	\$10,000	41%	765
2016-2017	\$52,535	\$8,950	38%	654

‡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				
2018-2019	\$79,016	\$15,000	49%	857
2017-2018	\$81,285	\$18,500	48%	896
2016-2017	\$78,080	\$14,000	47%	910
Dependent				
2018-2019	\$26,706	\$6,000	33%	325
2017-2018	\$29,025	\$6,375	33%	340
2016-2017	\$26,905	\$6,000	31%	269

[‡]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				
2018-2019	\$54,698	\$12,000	44%	144
2017-2018	\$68,627	\$20,728	48%	192
2016-2017	\$60,693	\$12,000	47%	187
\$50,000 - \$99,999				
2018-2019	\$59,966	\$10,000	50%	352
2017-2018	\$74,742	\$12,000	45%	341
2016-2017	\$73,276	\$11,000	43%	331
\$100,000 - \$199,999				
2018-2019	\$71,288	\$9,000	43%	353
2017-2018	\$68,726	\$10,000	46%	391
2016-2017	\$64,496	\$9,000	44%	350
\$200,000 or more				
2018-2019	\$63,778	\$9,750	38%	278
2017-2018	\$60,307	\$7,500	35%	254
2016-2017	\$67,102	\$10,000	36%	248

[‡]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				
2018-2019	\$63,151	\$10,000	41%	604
2017-2018	\$63,821	\$10,000	40%	602
2016-2017	\$65,929	\$10,000	39%	564
Bachelor's Degree				
2018-2019	\$66,002	\$10,000	44%	337
2017-2018	\$69,396	\$11,000	47%	363
2016-2017	\$74,001	\$12,000	44%	337
No College Degree				
2018-2019	\$66,301	\$10,000	45%	267
2017-2018	\$71,987	\$15,000	45%	312
2016-2017	\$61,503	\$10,000	44%	308

[†]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			
2018-2019	75%	75%	75%
2017-2018	76%	75%	76%
2016-2017	76%	77%	76%
Scholarships/Grants			
2018-2019	7%	6%	7%
2017-2018	7%	7%	7%
2016-2017	8%	7%	8%
Savings			
2018-2019	2%	2%	2%
2017-2018	2%	2%	2%
2016-2017	2%	2%	2%
Earnings			
2018-2019	1%	1%	1%
2017-2018	1%	1%	1%
2016-2017	1%	1%	1%
Parents			
2018-2019	13%	14%	13%
2017-2018	12%	13%	12%
2016-2017	11%	11%	11%
Relatives			
2018-2019	1%	1%	1%
2017-2018	1%	1%	1%
2016-2017	1%	2%	1%
Other			
2018-2019	1%	0%	1%
2017-2018	1%	1%	1%
2016-2017	1%	0%	1%

Table 11: Evaluation of Quality of Osteopathic Medical Training 2018-2019

	Students					
	2018-2019		2017-2018		2016-2017	
	%	#	%	#	%	#
Very Satisfied	19%	936	19%	932	18%	803
Satisfied	56%	2,789	57%	2,779	60%	2,720
Neither Satisfied nor Dissatisfied	15%	716	13%	636	14%	642
Dissatisfied	8%	407	8%	401	7%	311
Very Dissatisfied	2%	104	2%	111	2%	78
Mean Satisfaction Rating*	3.8	4,952	3.8	4,859	3.9	4,554

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

Table 12: Satisfaction Level with Osteopathic Medicine Career Selection 2018-2019

	Students					
	2018-2019		2017-2018		2016-2017	
	%	#	%	#	%	#
Very Satisfied	33%	1,640	34%	1,641	35%	1,603
Satisfied	44%	2,190	43%	2,108	44%	1,998
Neither Satisfied nor Dissatisfied	16%	784	16%	755	15%	691
Dissatisfied	5%	266	6%	284	5%	205
Very Dissatisfied	1%	66	1%	70	1%	58
Mean Satisfaction Rating*	4.0	4,946	4.0	4,858	4.1	4,555

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

Table 13: 2018-2019 Graduating Seniors, if Starting Over, Would Prefer to Enroll in:

	Students					
	2018-2019		2017-2018		2016-2017	
	%	#	%	#	%	#
The osteopathic school from which you are about to graduate	46%	2,251	47%	2,280	49%	2,228
Another osteopathic medical school	10%	487	10%	478	10%	447
An allopathic medical school	41%	2,016	39%	1,899	36%	1,652
Would not have gone to medical school at all	4%	190	4%	194	5%	215

Table 14: Diversity Valued by Osteopathic Medical School - Graduating Seniors 2018-2019

	Students					
	2018-2019		2017-2018		2016-2017	
	%	#	%	#	%	#
Strongly Agree	30%	1,469	30%	1,442	29%	1,340
Agree	43%	2,131	44%	2,152	44%	2,005
Neither Agree nor Disagree	18%	879	17%	826	18%	820
Disagree	7%	356	7%	318	7%	299
Strongly Disagree	2%	120	3%	124	2%	95
Mean Agreement Rating*	3.9	4,955	3.9	4,862	3.9	4,559

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

Table 15: 2018-2019 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	35%	52%	8%	4%	1%
Basic science courses were sufficiently integrated with one another	29%	50%	11%	7%	2%
Basic science courses were sufficiently integrated with clinical training	24%	46%	15%	12%	3%
Course objectives & examination content matched closely	25%	52%	14%	6%	3%
Coursework adequately prepared students for clerkships	23%	49%	17%	9%	3%
The first two years of medical school were well-organized	23%	45%	17%	10%	5%
Students were provided with timely feedback on performance	25%	49%	14%	8%	4%
There was adequate exposure to patient care during the first two years	18%	34%	16%	21%	11%
Osteopathic principles were adequately integrated into coursework	35%	50%	11%	3%	1%
An appropriate amount of training was provided in OMT	41%	45%	9%	4%	2%
There was adequate preparation for COMLEX Level I	25%	40%	14%	13%	7%

Beige highlighted categories are those where $\leq 70\%$ are "Appropriate" or $\geq 10\%$ "Exces.

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

Table 16: 2018-2019 Graduating Seniors' Evaluation of Time Devoted to Various Areas of Instruction

	Appropriate	Inadequate	Excessive
Basic medical science	87%	10%	3%
Behavioral science	84%	15%	2%
Biostatistics	65%	33%	2%
Bioterrorism	61%	37%	2%
Care of ambulatory patients	86%	10%	4%
Care of elderly (geriatrics)	78%	15%	8%
Care of hospitalized patients	82%	18%	1%
Care of patients with HIV/AIDS	71%	29%	1%
Clinical decision-making	85%	15%	1%
Clinical pharmacology	85%	13%	2%
Clinical science	90%	9%	1%
Cost-effective medical practice	55%	44%	1%
Diagnostic skills	88%	12%	1%
Drug and alcohol abuse	83%	16%	1%
Family/domestic violence	73%	26%	1%
Genetics	81%	16%	3%
Health promotion & disease prevention	89%	10%	1%
Human sexuality	70%	26%	4%
Independent learning & self-evaluation	82%	14%	4%
Infection control/health care setting	88%	12%	1%
Infectious disease prevention	90%	10%	1%
Integrative medicine	79%	18%	2%
Legal medicine	60%	38%	2%
Literature analysis skill	63%	37%	1%
Medical care cost control	54%	45%	1%
Medical ethics	82%	82%	6%
Medical record-keeping	68%	31%	1%
Medical socioeconomics	69%	30%	1%
Neuromusculoskeletal Medicine/OMT	76%	4%	21%
Nutrition	62%	36%	2%
Pain management	70%	30%	1%
Patient education	88%	11%	1%
Patient follow-up	87%	13%	1%
Patient interviewing skills	91%	5%	4%
Physician-patient relationship	93%	5%	3%
Practice management	66%	34%	1%
Primary care	84%	4%	12%
Public health & community medicine	83%	14%	2%
Rehabilitation	69%	30%	1%
Research techniques	57%	43%	1%
Role of medicine in community	85%	14%	1%
Screening for diseases	92%	7%	1%
Teamwork with other health professionals	86%	9%	5%
Therapeutic management	89%	11%	0%
Use of computers	87%	12%	1%
Utilization review & quality assurance	75%	25%	1%

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

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

Table 17: Percentage of Time Arranged/Set by COM for Required Clerkships, 2018-2019 Graduating Seniors

	Students					
	2018-2019		2017-2018		2016-2017	
	%	#	%	#	%	#
10% or Fewer	5%	252	6%	277	6%	251
11% - 40%	7%	364	8%	376	7%	309
41% - 60%	20%	1,006	20%	986	20%	886
61% - 80%	17%	850	18%	860	20%	898
81% - 100%	50%	2,465	49%	2,353	48%	2,194

Table 18: Percentage of Time Arranged/Set by COM for Elective/Selective Clerkships, 2018-2019 Graduating Seniors

	Students					
	2018-2019		2017-2018		2016-2017	
	%	#	%	#	%	#
10% or Fewer	51%	2,509	52%	2,494	52%	2,340
11% - 40%	17%	858	18%	857	16%	738
41% - 60%	13%	659	13%	618	14%	646
61% - 80%	9%	443	9%	420	9%	424
81% - 100%	9%	464	9%	457	9%	400

Table 19: Advance Notification of Required Clerkship Location, 2018-2019 Graduating Seniors

	Students					
	2018-2019		2017-2018		2016-2017	
	%	#	%	#	%	#
Less than 1 Month	11%	518	11%	508	9%	428
1 to 3 Months	35%	1,740	34%	1,661	33%	1,484
3 Months or More	54%	2,679	55%	2,681	58%	2,635

Table 20: Advance Notification of Elective Clerkship Location, 2018-2019 Graduating Seniors

	Students					
	2018-2019		2017-2018		2016-2017	
	%	#	%	#	%	#
Less than 1 Month	13%	628	12%	593	11%	490
1 to 3 Months	57%	2,829	58%	2,787	56%	2,523
3 Months or More	30%	1,480	30%	1,466	34%	1,532

Table 21: 2018-2019 Graduating Seniors' Evaluation of Clinical Education - Required Clerkships

	Strongly Agree	Agree	Neither Agree Nor Disagree	Disagree	Strongly Disagree
Clear goals and objectives were set	25%	52%	13%	7%	3%
Able to design own goals and objectives	21%	44%	19%	13%	4%
Clear performance objectives were set	21%	50%	16%	10%	3%
Clerkships were well-organized	19%	45%	20%	11%	5%
Rounds were conducted as scheduled	22%	52%	18%	6%	3%
Timely feedback was provided on performance	20%	49%	17%	10%	4%
Too large a role by residents in teaching and evaluation	12%	23%	25%	31%	10%
Appropriate diversity of patients and their health issues	30%	54%	10%	4%	2%
Appropriate number of inpatient experiences	29%	49%	9%	8%	5%
Each clerkship had an osteopathic orientation	10%	20%	19%	33%	19%
Osteopathic principles & practice (OPP) were well-integrated in each clerkship	10%	22%	23%	28%	17%
Appropriate technology usage for situation	27%	55%	12%	4%	2%
Able to work on a personal basis with patients	38%	52%	8%	1%	1%
Attending modeled excellent patient relationship skills	29%	52%	16%	2%	1%
Support staff was friendly and supportive	31%	51%	13%	3%	2%
Coverage hours were set and finished on time	22%	50%	17%	8%	3%
Was asked relevant and pertinent questions on patient diagnosis, treatment options, management, and follow-up care	30%	56%	11%	3%	1%
Felt free to ask questions	34%	52%	10%	3%	1%
The attending seemed interested in my opinions	24%	48%	19%	7%	2%
Personal concerns were addressed by the attending while on rotation	24%	47%	21%	6%	2%
Was treated with respect	31%	54%	12%	2%	2%
Able to discuss progress on rotation with attending	26%	52%	15%	5%	2%
Attending critically evaluated me during rotation	24%	52%	17%	5%	2%
Able to discuss the final rotation evaluation with the attending	21%	43%	19%	13%	5%
Attending based the evaluation on direct observation	24%	52%	17%	5%	2%
Able to meet & discuss areas of concern with the attending outside of the clinical setting	20%	40%	22%	14%	5%
Lived a reasonable distance from rotation sites	28%	49%	12%	7%	3%
Rotations prepared me for examinations	20%	46%	18%	11%	5%
Testing was provided at end of each rotation	37%	52%	8%	3%	2%
Adequate preparation for COMLEX Level 2-CE	22%	45%	16%	12%	6%
Adequate preparation for COMLEX Level 2-PE	33%	47%	11%	5%	3%

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

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

Table 22: 2018-2019 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	26%	54%	13%	5%	2%
Able to design own goals and objectives	29%	52%	12%	5%	2%
Clear performance objectives were set	26%	53%	14%	6%	2%
Clerkships were well-organized	25%	53%	15%	5%	2%
Rounds were conducted as scheduled	27%	55%	14%	3%	1%
Timely feedback was provided on performance	26%	54%	14%	5%	2%
Too large a role by residents in teaching and evaluation	14%	28%	23%	27%	7%
Appropriate diversity of patients and their health issues	34%	54%	9%	1%	1%
Appropriate number of inpatient experiences	34%	52%	10%	3%	2%
Each clerkship had an osteopathic orientation	13%	26%	18%	25%	17%
Osteopathic principles and practice (OPP) were well-integrated in each clerkship	13%	26%	21%	24%	16%
Appropriate technology usage for situation	32%	54%	11%	2%	1%
Able to work on a personal basis with patients	38%	53%	8%	1%	1%
Attending modeled excellent patient relationship skills	34%	54%	11%	1%	1%
Support staff was friendly and supportive	34%	53%	10%	2%	1%
Coverage hours were set and finished on time	29%	52%	14%	4%	2%
Was asked relevant and pertinent questions on patient diagnosis, treatment options, management, and follow-up care	34%	56%	9%	1%	1%
Felt free to ask questions	36%	53%	9%	2%	1%
Attending seemed interested in my opinions	30%	52%	13%	3%	1%
Personal concerns were addressed by the attending while on rotation	28%	51%	17%	4%	1%
Was treated with respect	35%	54%	9%	1%	1%
Able to discuss progress on rotation with attending	29%	54%	12%	3%	1%
Attending critically evaluated me during rotation	29%	53%	13%	4%	1%
Able to discuss the final rotation evaluation with the attending	26%	48%	15%	8%	3%
Attending based the evaluation on direct observation	29%	53%	14%	3%	1%
Able to meet and discuss areas of concern with the attending outside of the clinical setting	25%	46%	18%	8%	3%
Lived a reasonable distance from rotation sites	28%	52%	13%	5%	3%
Rotations prepared me for examinations	24%	47%	22%	5%	3%
Testing was provided at end of each clerkship	22%	39%	20%	13%	7%
Adequate preparation for COMLEX Level 2-CE	22%	43%	24%	7%	4%
Adequate preparation for COMLEX Level 2-PE	26%	44%	22%	4%	3%

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

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

Table 23: Graduating Seniors Who Applied To Elective MD Rotations through VSAS

	2018-2019		Students 2017-2018		2016-2017	
	%	#	%	#	%	#
	Did Apply through VSAS	74%	3,671	67%	3,245	61%
Did Not Apply through VSAS	25%	1,220	33%	1,581	38%	1,745
Unsure	1%	64	1%	31	1%	36
Total	100%	4,955	100%	4,857	100%	4,555

Table 24: Applications to Elective MD Rotations through VSAS

	2018-2019		Mean 2017-2018		2016-2017	
	# of Elective Rotations	# of Students	# of Elective Rotations	# of Students	# of Elective Rotations	# of Students
	Number of Applications	17.4	3,630	15.6	3,215	11.0
Number of Acceptances	3.8	3,629	3.4	3,220	3.0	2,762
Number of Rotations Completed	2.6	3,624	2.3	3,214	2.1	2,763

Table 25: 2018-2019 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	59%	35%	5%	1%	0%
General pediatric examination	28%	41%	25%	5%	0%
Well-baby examination	21%	33%	31%	13%	1%
Breast and pelvic examination	27%	35%	26%	10%	2%
Prostate and testicular examination	20%	33%	30%	14%	3%
Osteopathic structural examination	37%	38%	20%	5%	1%
Sports participation examination	34%	39%	20%	5%	3%

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

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

Table 26: 2018-2019 Graduating Seniors' Evaluation of Various Academic Services

	Very Satisfied	Satisfied	Neither Satisfied Nor Dissatisfied	Dissatisfied	Strongly Dissatisfied
Academic counseling	17%	39%	19%	15%	10%
Accessibility to administration	19%	41%	20%	13%	7%
Awareness of student problems by administration	14%	33%	20%	20%	13%
Career counseling	13%	30%	24%	21%	12%
Computer resource center	23%	45%	25%	5%	3%
Disability insurance	12%	27%	54%	5%	3%
Electronic communication (e-mail, Internet/Intranet)	22%	52%	17%	6%	3%
Faculty mentoring	17%	35%	21%	17%	10%
Financial aid administration services	25%	44%	22%	5%	4%
Library	32%	47%	15%	5%	3%
Participation of students on key medical school committees	21%	46%	26%	5%	3%
Personal counseling	20%	35%	31%	9%	6%
Student health insurance	13%	30%	31%	14%	12%
Student health services	16%	36%	30%	10%	8%
Student relaxation space	15%	35%	27%	14%	9%
Student study space	20%	44%	17%	12%	7%
Tutorial help	16%	36%	38%	6%	5%

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

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

Table 27: 2018-2019 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	34%	52%	10%	3%	1%
Well-prepared to treat structural problems	30%	51%	13%	5%	1%
Well-prepared to document findings in a structural examination	30%	52%	12%	4%	1%
Had opportunity to practice OPP during first two years in medical school	49%	43%	6%	1%	1%
Had opportunity to practice OPP during in-hospital rotations	17%	32%	19%	23%	10%
Had opportunity to practice OPP during ambulatory primary care rotations	22%	48%	15%	11%	5%
Had opportunity to practice OPP during ambulatory non-primary care rotations	16%	32%	20%	23%	9%
Had osteopathic physician role models during the first two years in medical school	35%	47%	12%	4%	2%
Had osteopathic physician role models during required in-hospital rotations	18%	34%	19%	20%	9%
Had osteopathic physician role models during ambulatory primary care rotations	22%	45%	16%	11%	6%
Had osteopathic physician role models during ambulatory non-primary care rotations	18%	35%	20%	19%	8%
Had osteopathic physician role models during selectives/electives	19%	38%	20%	16%	8%

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

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

Table 28: 2018-2019 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	30%	56%	11%	3%	1%
Can anticipate and identify hazards of hospitalization for older adults	31%	58%	9%	2%	1%
Can identify those medications that should be avoided or used with caution in older adults	27%	58%	12%	2%	1%
Can differentiate the clinical presentations of delirium, dementia, and depression in older adults	31%	56%	11%	2%	1%
Can assess a patient's self-care/functional capacity, e.g. ADLs & IADLs	28%	54%	14%	4%	1%
Can assess an older adult patient's fall risk, identify underlying causative factors, and make recommendations for further evaluation and initial management	26%	55%	14%	4%	1%
Can describe the differences in the presenting signs, symptoms, and laboratory findings of common conditions in older, as compared to younger, adults	28%	56%	13%	3%	1%

Table 29: 2018-2019 Graduating Seniors' Evaluation of how confident are you in your current ability to perform the following activities

	(5) Very Confident	(4)	(3)	(2)	(1) 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.	64%	31%	5%	0%	0%
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.	47%	43%	9%	1%	0%
Select and interpret common diagnostic and screening tests using evidence-based and cost-effective principles when approaching a patient in any setting.	42%	46%	11%	1%	0%
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.	26%	41%	24%	7%	2%
Provide accurate, focused and context-specific documentation of a clinical encounter in either written or electronic formats.	46%	42%	10%	1%	1%
Present a concise oral summary of a patient encounter to achieve a shared understanding of the patient's condition.	45%	43%	10%	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.	41%	47%	10%	1%	0%
Perform safe and effective transitions of responsibility for patient care from one health care team or practitioner to another.	35%	45%	17%	3%	1%
Participate as a contributing and integrated member of an interprofessional team and fully embrace the value of teamwork in patient care.	49%	41%	9%	1%	1%
Promptly recognize a patient who requires urgent or emergent care, initiate evaluation and treatment, and seek help.	45%	44%	10%	1%	0%
Obtain consent for tests and/or procedures for which I know the indications, contraindications, alternatives, risks and benefits.	40%	43%	13%	3%	1%
Understand systems, identify system failures, and intervene in systems to improve quality and safety in health care.	33%	44%	18%	4%	1%

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

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

Table 30: 2018-2019 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)

	(5) Very Confident	(4)	(3)	(2)	(1) Not at All Confident
Intravenous (IV) line insertion	17%	24%	25%	16%	18%
Phlebotomy	20%	24%	25%	16%	17%
Bag-valve-mask (BVM) ventilation	40%	32%	17%	7%	5%
Cardiopulmonary (CPR)	38%	34%	18%	7%	4%

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

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

Table 31: 2018-2019 Graduating Seniors' Evaluation of School's Involvement in Clerkship Years

	Students	
	%	#
Excessive Involvement	5%	256
Sufficient involvement	29%	1,419
Adequate Involvement	32%	1,567
Some, but Inadequate, Involvement	27%	1,356
Not Involved	7%	354

Table 32: Type of School Involvement During Clerkship Years, 2018-2019 Graduating Seniors

	Students	
	%	#
E-Mail	86%	4,131
COMLEX Level 2-PE Preparation	68%	3,265
Distance Learning	43%	2,085
COMLEX Level 2-CE Preparation	42%	2,015
Faculty Visits	32%	1,515
Newsletter	27%	1,292

Table 33: Percentage of Time Devoted to Various Activities During Clerkship Years, 2018-2019 Graduating Seniors

	Students' Time	
	%	#
Inpatient Care, Including Reading X-ray Films and Laboratory Work	48%	4,787
Outpatient Care	40%	4,787
Extended/Long-Term Care	5%	4,787
Research	3%	4,787
Other	4%	4,786

Table 34: COMLEX-USA and USMLE Examinations - 2018-2019 Graduating Seniors

COMLEX-USA	Students					
	2018-2019		2017-2018		2016-2017	
	%	#	%	#	%	#
Level 1 – Passed 1st Attempt	96%	4,754	94%	4,568	94%	4,258
Level 2-PE – Passed 1st Attempt	94%	4,636	94%	4,562	93%	4,222
Level 2-CE – Passed 1st Attempt	96%	4,739	94%	4,539	94%	4,256
USMLE						
Step 1 – Attempted Examination	55%	2,725	51%	2,485	49%	2,236
Step 1 – Passed 1st Attempt*	97%	2,627	95%	2,354	95%	2,127
Step 2 CK – Attempted Examination	46%	2,292	40%	1,961	36%	1,655
Step 2 CK – Passed 1st Attempt*	98%	2,243	96%	1,868	95%	1,573
Step 2 CS – Attempted Examination	2%	104	2%	98	2%	68
Step 2 CS – Passed 1st Attempt*	96%	99	95%	92	86%	57

*Percentage of those attempting the respective examinations.

Table 35: Interprofessional Medical Education Participation - Graduating Seniors 2018-2019

	Students					
	2018-2019		2017-2018		2016-2017	
	%	#	%	#	%	#
Did Participate	76%	3,732	72%	3,472	70%	3,199
Did Not Participate	19%	920	23%	1,117	25%	1,115
Unsure	6%	285	5%	261	5%	234

Table 36: Types of Interprofessional Medical Education - Graduating Seniors 2018-2019

	Students Participating					
	2018-2019		2017-2018		2016-2017	
	%	#	%	#	%	#
Clinical Education	70%	2,742	73%	2,637	76%	2,535
Physician Assistant	62%	2,387	65%	2,347	68%	2,259
Pharmacy	75%	2,890	69%	2,484	73%	2,421
MD Medicine	47%	1,816	53%	1,891	55%	1,819
Nursing	71%	2,737	72%	2,608	69%	2,315
Preclinical Education	78%	3,066	71%	2,575	66%	2,222
Physical Therapy	45%	1,745	46%	1,653	45%	1,514
Podiatry	24%	933	24%	860	25%	835
Social Work	37%	1,452	38%	1,371	38%	1,267
Dentistry	27%	1,033	29%	1,039	25%	820
Occupational Therapy	31%	1,186	32%	1,155	29%	976
Psychology	22%	850	22%	797	23%	762
Public Health	16%	631	18%	645	17%	566
Veterinary Medicine	8%	304	7%	262	7%	238
Other	4%	134	4%	136	3%	100

Table 37: Settings of Interprofessional Medical Education - Graduating Seniors 2018-2019

	Students Participating					
	2018-2019		2017-2018		2016-2017	
	%	#	%	#	%	#
Active Engagement with Patients	62%	2,439	66%	2,397	69%	2,315
Lecture (Clinical Subject)	50%	1,951	53%	1,922	53%	1,774
Lecture (Basic Science)	36%	1,405	35%	1,286	37%	1,244
Patient-Centered Case Studies	57%	2,248	55%	2,003	55%	1,839
Clinical Simulations	38%	1,471	37%	1,349	34%	1,144
Skills Training in Team Settings	30%	1,183	32%	1,145	29%	961
Community Projects or Service Learning	22%	852	23%	822	21%	702
Other	4%	139	2%	76	2%	74

Table 38: 2018-2019 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%	48%	17%	5%	3%
I believe the learning experiences with other health professionals will contribute to/improve my performance as an osteopathic physician.	32%	44%	16%	5%	3%

Table 39: 2018-2019 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	5%	49%	32%	11%	3%
During Required In-Hospital Rotations	1%	10%	27%	38%	24%
During Required Ambulatory Primary Care Rotations	6%	18%	32%	28%	16%
During Required Ambulatory Non-Primary Care Rotations	4%	14%	30%	31%	21%
During Selectives/Electives	1%	10%	25%	36%	28%

Table 40: Immediate Post-Graduate Plans, Graduating Seniors

	Students		Gender		Race-Ethnicity				
	%	#	Male	Female	White	Asian	Hispanic/ Latino	Black or African American	All Others*
Osteopathic Residency									
2018-2019	6%	267	6%	5%	5%	6%	9%	6%	7%
2017-2018	15%	720	15%	14%	14%	16%	14%	26%	21%
2016-2017	23%	1,062	25%	22%	22%	26%	22%	25%	20%
Dual AOA/ACGME-Approved Residency									
2018-2019	--	--	--	--	--	--	--	--	--
2017-2018	--	--	--	--	--	--	--	--	--
2016-2017	16%	722	15%	17%	16%	15%	16%	18%	20%
AOA Traditional Rotating Internship									
2018-2019	2%	119	3%	2%	2%	3%	3%	4%	0%
2017-2018	5%	218	5%	4%	4%	4%	4%	9%	9%
2016-2017	6%	256	6%	5%	5%	7%	12%	10%	6%
ACGME Residency (Includes Transitional Year)									
2018-2019	4%	181	5%	3%	4%	4%	0%	4%	2%
2017-2018	2%	92	3%	1%	2%	2%	0%	1%	0%
2016-2017	2%	92	2%	2%	2%	2%	2%	2%	0%
Dual AOA/ACGME Residency w/ Osteopathic Recognition									
2018-2019	10%	498	10%	11%	10%	12%	10%	10%	14%
2017-2018	12%	562	12%	12%	12%	10%	11%	13%	19%
2016-2017	--	--	--	--	--	--	--	--	--
Dual AOA/ACGME Residency w/o Osteopathic Recognition									
2018-2019	6%	295	6%	6%	6%	6%	10%	8%	7%
2017-2018	5%	259	6%	6%	5%	6%	7%	8%	4%
2016-2017	--	--	--	--	--	--	--	--	--
ACGME Residency w/ Osteopathic Recognition									
2018-2019	15%	720	15%	15%	15%	17%	12%	13%	11%
2017-2018	11%	520	10%	12%	11%	9%	11%	7%	11%
2016-2017	13%	579	12%	13%	12%	12%	9%	10%	20%
ACGME Residency w/o Osteopathic Recognition									
2018-2019	51%	2,517	49%	54%	52%	50%	49%	46%	50%
2017-2018	44%	2,106	42%	46%	44%	47%	45%	28%	32%
2016-2017	34%	1,550	32%	37%	35%	36%	31%	27%	25%
Research or Other Non-Residency Activity									
2018-2019	1%	46	1%	1%	1%	2%	1%	5%	2%
2017-2018	1%	57	1%	1%	1%	2%	1%	3%	2%
2016-2017	1%	29	1%	1%	0%	1%	3%	2%	0%
Government, NHSC, Military, VA, etc.									
2018-2019	4%	188	5%	3%	5%	0%	4%	1%	5%
2017-2018	4%	198	5%	3%	5%	1%	7%	2%	0%
2016-2017	4%	184	5%	3%	5%	1%	0%	1%	2%
Undecided									
2018-2019	1%	67	2%	1%	1%	2%	3%	4%	2%
2017-2018	2%	92	2%	2%	1%	3%	1%	5%	2%
2016-2017	1%	62	2%	1%	1%	1%	5%	6%	6%
Total									
2018-2019	100%	4,898	100%	100%	100%	100%	100%	100%	100%
2017-2018	100%	4,824	100%	100%	100%	100%	100%	100%	100%
2016-2017	100%	4,536	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 41: Reasons Given for Planning an Allopathic or Dual AOA/ACGME-Approved Residency*

	Students					
	2018-2019		2017-2018		2016-2017	
	%	#	%	#	%	#
Opens more career opportunities	40%	2,327	50%	1,688	54%	1,668
Located in more suitable geographic location(s)	53%	2,050	60%	2,030	65%	1,983
Located in larger institutions	42%	1,631	50%	1,703	55%	1,696
Believe better training and educational opportunities available	48%	1,866	58%	1,984	62%	1,912
Desire specialty training not available in osteopathic program	12%	455	15%	514	18%	538
Better chance of being accepted in program	15%	564	18%	602	15%	450
Desired program has transitioned to ACGME-accreditation†	32%	1,259	--	--	--	--
Allows ABMS board certification	8%	294	11%	360	12%	362
Higher pay	8%	303	10%	347	11%	344
Shorter training period	4%	158	6%	193	6%	170
Obligation	4%	148	5%	163	6%	169
Other	10%	374	12%	402	11%	327

*Each respondent indicating allopathic or dual AOA/ABMS-approved residency plans could choose one or more of the listed reasons influencing residency choice.

† In 2018-2019 AACOM updated "Reason Given for Planning an Allopathic or Dual AOA/ACGME-Approved Residency" question.

Table 42: Board Certification Plans - Graduating Seniors

	Students		Gender		Race-Ethnicity				
	%	#	Male	Female	White	Asian	Hispanic/ Latino	Black or African American	All Others
Osteopathic AOA Boards									
2018-2019	22%	1,060	20%	24%	22%	16%	33%	27%	25%
2017-2018	25%	1,198	24%	27%	24%	22%	32%	37%	34%
2016-2017	28%	1,274	27%	29%	28%	26%	35%	32%	41%
Both AOA and ABMS Boards									
2018-2019	17%	851	18%	18%	16%	22%	17%	18%	18%
2017-2018	19%	924	18%	21%	18%	23%	14%	25%	23%
2016-2017	22%	981	21%	24%	21%	23%	19%	33%	16%
Allopathic ABMS Boards									
2018-2019	29%	1,394	31%	25%	29%	33%	24%	26%	30%
2017-2018	28%	1,327	31%	23%	28%	31%	32%	19%	17%
2016-2017	28%	1,284	33%	23%	29%	31%	19%	20%	25%
Other									
2018-2019	1%	44	1%	0%	1%	1%	3%	0%	0%
2017-2018	1%	28	1%	0%	1%	0%	0%	0%	0%
2016-2017	0%	14	0%	0%	0%	0%	3%	1%	0%
Not Planning Board Certification									
2018-2019	0%	8	0%	0%	0%	0%	1%	0%	2%
2017-2018	0%	6	0%	0%	0%	0%	0%	0%	0%
2016-2017	0%	7	0%	0%	0%	0%	2%	0%	2%
Undecided									
2018-2019	31%	1,524	30%	33%	32%	29%	22%	29%	25%
2017-2018	28%	1,331	26%	30%	29%	24%	22%	19%	26%
2016-2017	21%	967	19%	24%	22%	20%	21%	15%	16%
Total									
2018-2019	100%	4,881	100%	100%	100%	100%	100%	100%	100%
2017-2018	100%	4,814	100%	100%	100%	100%	100%	100%	100%
2016-2017	100%	4,527	100%	100%	100%	100%	100%	100%	100%

Table 43: Reasons Given for Taking ABMS (Allopathic) or Both Boards*

	Students					
	2018-2019		2017-2018		2016-2017	
	%	#	%	#	%	#
ABMS board certification provides more opportunities	61%	1,342	63%	1,393	60%	1,339
Personal desire for dual certification	22%	492	23%	521	28%	636
ABMS board certification is more widely recognized	71%	1,568	68%	1,513	62%	1,378
Hospital privileges more readily obtained with ABMS board certification	32%	707	31%	682	29%	641
It is a requirement of the residency program	34%	755	36%	791	38%	847
ABMS board certification has more colleague acceptance	48%	1,053	47%	1,039	41%	906
Licenses more readily obtained with ABMS board certification	29%	637	27%	597	24%	531
ABMS board certification carries more prestige	35%	767	33%	730	28%	634
Other	7%	144	6%	134	7%	163

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

Table 44: Long-Range Career Plans, Graduating Seniors

	Students		Gender		Race-Ethnicity				
	%	#	Male	Female	White	Asian	Hispanic/ Latino	Black or African American	All Others*
Group or Other Type of Private Practice									
2018-2019	44%	2,109	46%	42%	46%	42%	40%	41%	41%
2017-2018	43%	2,017	44%	41%	45%	46%	43%	44%	32%
2016-2017	43%	1,904	44%	41%	45%	42%	44%	36%	38%
Self-Employed, with or without a Partner									
2018-2019	8%	363	9%	5%	7%	7%	7%	10%	5%
2017-2018	7%	318	8%	5%	7%	7%	8%	4%	9%
2016-2017	8%	344	10%	6%	7%	9%	9%	9%	6%
Practice in an HMO									
2018-2019	13%	608	11%	15%	13%	15%	12%	11%	18%
2017-2018	13%	623	13%	14%	14%	13%	14%	9%	9%
2016-2017	13%	566	12%	14%	13%	12%	12%	8%	15%
Government, NHSC, Military, VA, etc.									
2018-2019	5%	242	4%	6%	5%	2%	16%	11%	7%
2017-2018	6%	300	6%	7%	6%	3%	14%	9%	21%
2016-2017	6%	280	6%	7%	7%	3%	14%	7%	8%
Other Professional Activity									
2018-2019	8%	362	8%	8%	7%	10%	8%	7%	7%
2017-2018	8%	369	7%	8%	7%	8%	8%	7%	9%
2016-2017	8%	369	8%	9%	7%	10%	4%	15%	10%
Undecided									
2018-2019	23%	1,117	23%	24%	21%	24%	18%	20%	23%
2017-2018	24%	1,112	22%	25%	22%	23%	14%	27%	19%
2016-2017	23%	1,007	21%	24%	21%	24%	18%	25%	23%
Total									
2018-2019	100%	4,801	100%	100%	100%	100%	100%	100%	100%
2017-2018	100%	4,739	100%	100%	100%	100%	100%	100%	100%
2016-2017	100%	4,470	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 45: Size of Location Planned for Practice After Residency

	Students					
	2018-2019		2017-2018		2016-2017	
	%	#	%	#	%	#
Major Metropolitan Area (1,000,001 +)	21%	1,020	20%	968	20%	886
Metropolitan Area (500,001 - 1,000,000)	20%	986	19%	916	18%	798
City (100,001 - 500,000)	23%	1,104	23%	1,085	22%	998
City (50,001 - 100,000)	11%	522	12%	585	12%	535
City or Town (10,001 - 50,000)	11%	523	11%	511	11%	514
City or Town (2,501 - 10,000)	3%	159	4%	173	4%	172
Area 2,500 or less	1%	27	1%	34	1%	50
Undecided	10%	501	11%	517	12%	561
Total	100%	4,842	100%	4,789	100%	4,514

Table 46: Plans to Practice in Underserved/Shortage Area

	Students					
	2018-2019		2017-2018		2016-2017	
	%	#	%	#	%	#
Yes	35%	1,688	36%	1,718	39%	1,725
No	16%	783	15%	715	14%	647
Unsure	49%	2,353	49%	2,337	47%	2,113
Total	100%	4,824	100%	4,770	100%	4,485

Table 47: Percentage of Students Who Plan to Practice in Underserved/Shortage Areas

	Students					
	2018-2019		2017-2018		2016-2017	
	%	#	%	#	%	#
Gender						
Male	32%	799	33%	832	34%	804
Female	39%	827	40%	827	44%	875
Race/Ethnicity						
White	34%	1,074	34%	1,078	37%	1,141
Asian	33%	128	34%	136	33%	112
Hispanic/Latino	55%	43	60%	44	53%	30
Black or African American	62%	87	63%	75	70%	96
All Others*	57%	25	53%	28	55%	27
Marital Status						
Married/Cohabiting	40%	641	39%	627	40%	677
Single	33%	967	35%	1,021	38%	999
Financial Status						
Independent	38%	1,086	39%	1,149	42%	1,237
Dependent	30%	465	30%	456	31%	396
Parental Income						
\$49,999 and less	45%	266	47%	299	46%	281
\$50,000 - \$99,999	37%	424	39%	472	43%	517
\$100,000 - 199,999	34%	450	35%	457	37%	432
\$200,000 or more	31%	358	30%	326	33%	337
Parental Education						
Graduate/Professional Degree	34%	796	34%	803	38%	843
Bachelor's Degree	35%	454	38%	463	37%	431
No College Degree	39%	394	40%	425	42%	429

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

Table 48: Plans to Practice in Underserved/Shortage Area by Type

	Students					
	2018-2019		2017-2018		2016-2017	
	%	#	%	#	%	#
Inner-city	42%	714	43%	738	45%	772
Rural	50%	847	49%	834	48%	831
Other	7%	123	8%	143	7%	120
Total	100%	1,684	100%	1,715	100%	1,723

Table 49: Percentage of Students Who Plan to Practice in Inner-city Underserved/Shortage Areas

	Students					
	2018-2019		2017-2018		2016-2017	
	%	#	%	#	%	#
Gender						
Male	38%	299	40%	329	38%	301
Female	47%	387	46%	378	52%	451
Race/Ethnicity						
White	33%	358	33%	359	37%	419
Asian	60%	77	69%	94	62%	69
Hispanic/Latino	44%	19	48%	21	43%	13
Black or African American	79%	69	75%	56	74%	71
All Others*	32%	8	25%	7	48%	13
Marital Status						
Married/Cohabiting	32%	204	32%	198	33%	222
Single	49%	471	50%	508	53%	528
Financial Status						
Independent	38%	412	40%	456	41%	501
Dependent	51%	238	50%	226	57%	226
Parental Income						
\$49,999 and less	46%	122	48%	142	50%	139
\$50,000 - \$99,999	38%	163	42%	198	40%	204
\$100,000 - 199,999	40%	180	40%	180	46%	199
\$200,000 or more	47%	169	45%	145	48%	162
Parental Education						
Graduate/Professional Degree	43%	341	45%	360	48%	405
Bachelor's Degree	43%	193	42%	194	40%	171
No College Degree	41%	160	40%	169	44%	188

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

Table 50: Percentage of Students Who Plan to Practice in Rural Underserved/Shortage Areas

	Students					
	2018-2019		2017-2018		2016-2017	
Gender	%	#	%	#	%	#
Male	56%	443	53%	440	56%	447
Female	46%	379	46%	379	42%	366
Race/Ethnicity						
White	60%	640	59%	638	56%	642
Asian	31%	39	24%	32	30%	33
Hispanic/Latino	47%	20	46%	20	53%	16
Black or African American	17%	15	17%	13	23%	22
All Others*	64%	16	68%	19	37%	10
Marital Status						
Married/Cohabiting	61%	390	61%	379	60%	406
Single	44%	427	43%	434	41%	405
Financial Status						
Independent	55%	591	52%	593	52%	644
Dependent	42%	195	43%	198	37%	147
Parental Income						
\$49,999 and less	48%	128	47%	140	46%	128
\$50,000 - \$99,999	56%	236	51%	241	55%	283
\$100,000 - 199,999	53%	237	52%	236	46%	199
\$200,000 or more	45%	159	47%	152	45%	150
Parental Education						
Graduate/Professional Degree	50%	396	45%	362	45%	382
Bachelor's Degree	50%	226	50%	229	51%	219
No College Degree	53%	210	56%	236	51%	218

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

Table 5I: Planned Specialization - Graduating Seniors

	Students					
	2018-2019		2017-2018		2016-2017	
	%	#	%	#	%	#
Family Medicine	20%	984	21%	993	21%	962
Internal Medicine, General						
Pediatrics, General						
Emergency Medicine	12%	582	12%	556	12%	520
Internal Medicine, Subspecialty	15%	718	15%	715	15%	686
Orthopedic Surgery	2%	116	2%	110	2%	102
Pediatrics, Subspecialties	5%	220	5%	217	4%	191
Surgery Subspecialties	1%	45	1%	42	1%	53
OB/GYN and Subspecialties	4%	200	5%	231	4%	193
Anesthesiology	6%	277	5%	262	4%	191
Surgery, General	3%	167	3%	166	4%	157
Sports Medicine	1%	51	1%	69	1%	60
Dermatology	1%	49	1%	43	1%	42
Neurology and Subspecialties	2%	87	2%	85	2%	82
Radiology and Subspecialties	3%	148	3%	129	3%	120
Psychiatry and Subspecialties	5%	266	5%	258	6%	249
Physical Medicine & Rehabilitation Med.	2%	116	2%	113	3%	119
Ophthalmology	1%	25	0%	15	0%	19
Pathology and Subspecialties	1%	47	1%	51	1%	27
Geriatrics	0%	18	0%	14	0%	15
Plastic Surgery/Reconstructive Surgery	0%	13	0%	10	0%	15
Preventive Medicine and Subspecialties	0%	11	0%	8	0%	6
Thoracic Surgery	0%	3	0%	2	0%	4
Osteopathic Neuromusculokseketal Medicine	0%	21	0%	13	1%	24
Otolaryngology	0%	19	0%	12	0%	14
Allergy and Immunology	0%	4	0%	7	0%	2
Urology/Urological Surgery	0%	21	0%	19	0%	12
Critical Care	1%	56	2%	74	2%	68
Medical Genetics	0%	3	0%	2	0%	4
Vascular Surgery	0%	9	0%	6	0%	4
Nuclear Medicine	0%	0	0%	1	0%	2
Proctology*	--	--	0%	1	0%	0
Colon Rectal Surgery	0%	2	0%	4	0%	4
Undecided or Indefinite	1%	39	1%	55	1%	43
Total	100%	4,882	100%	4,820	100%	4,520

*In 2018-2019 the Accreditation Council for Graduate Medical Education removed Proctology as a specialty selection.

Table 52: Primary Care Plans, Graduating Seniors

	Students					
	2018-2019		2017-2018		2016-2017	
	%	#	%	#	%	#
Primary Care	32%	1,549	32%	1,530	33%	1,492
Non-Primary Care	68%	3,294	67%	3,235	66%	2,985
Undecided	1%	39	1%	55	1%	43
Total	100%	4,882	100%	4,820	100%	4,520

Table 53: Percentage of Graduating Seniors Who Plan to Practice in Primary Care Specialties

	Students					
	2018-2019		2017-2018		2016-2017	
	%	#	%	#	%	#
Gender						
Male	27%	671	27%	687	28%	659
Female	37%	791	38%	781	40%	796
Ethnicity						
White	30%	953	30%	961	32%	994
Asian	33%	130	31%	125	29%	100
Hispanic/Latinio	43%	33	34%	25	48%	28
Black or African American	36%	51	36%	43	32%	44
All Others*	39%	17	36%	19	27%	13
Marital Status						
Married/Cohabiting	35%	573	34%	547	38%	641
Single	30%	876	31%	908	31%	816
Financial Status						
Independent	32%	925	32%	952	35%	1,040
Dependent	31%	477	31%	478	30%	390
Parental Income						
\$49,999 or less	37%	221	35%	225	37%	222
\$50,000 - \$99,999	32%	370	33%	402	37%	449
\$100,000 - 199,999	32%	431	32%	424	32%	375
\$200,000 or more	27%	314	28%	307	28%	290
Parental Education						
Graduate/Professional Degree	31%	742	29%	697	32%	717
Bachelor's Degree	33%	429	34%	423	34%	397
No College Degree	32%	320	35%	377	34%	353
Parental Profession						
DO/MD†	28%	172	26%	170	28%	166
Non-DO/MD	31%	112	27%	97	32%	93

†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 54: Planned Specialty Choice Decision Factors

	Mean Influence Rating*		
	2018-2019	2017-2018	2016-2017
Like Dealing with People	3.1	3.1	3.1
Intellectual Content of the Specialty	3.3	3.3	3.3
Skills/Abilities	3.1	3.1	3.0
Lifestyle	3.0	2.9	2.9
Like the Emphasis on Technical Skills	2.6	2.7	2.6
Role Models	2.9	2.9	2.8
Desire for Independence	2.6	2.6	2.5
Previous Experience	2.4	2.4	2.3
Academic Environment	2.7	2.7	2.6
Prestige/Income Potential	2.0	2.0	2.0
Debt Level	2.0	1.9	1.9
Opportunity for Research/Creativity	1.9	1.9	1.9
Peer Influence	2.1	2.1	2.1

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

**Table 55: Planned Specialty Choice -
Non-Under Represented Minority and Under Represented Minority**

	Mean Influence Rating*				
	All Students	Under Represented Minority		Non-Under Represented Minority	
		Male	Female	Male	Female
Like Dealing with People	3.1	3.0	3.1	3.0	3.2
Intellectual Content of the Specialty	3.3	3.3	3.2	3.3	3.3
Skills/Abilities	3.1	3.1	3.0	3.1	3.1
Lifestyle	3.0	3.0	2.8	3.1	2.9
Like the Emphasis on Technical Skills	2.6	2.9	2.4	2.8	2.5
Role Models	2.9	2.8	2.8	2.9	3.0
Desire for Independence	2.6	2.7	2.6	2.7	2.5
Previous Experience	2.4	2.7	2.4	2.4	2.4
Academic Environment	2.7	2.8	2.7	2.7	2.7
Prestige/Income Potential	2.0	2.4	2.1	2.2	1.8
Debt Level	2.0	2.4	1.8	2.1	1.7
Opportunity for Research/Creativity	1.9	2.1	2.0	1.9	1.9
Peer Influence	2.1	2.3	2.0	2.1	2.1

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

Table A1: 2017-2018 Graduating Seniors Response Rate to the AACOM Graduating Seniors Survey

Response Rate Range	Number of COMs		
	2018-2019	2017-2018	2016-2017
90% or more	21	22	17
75% - 89%	6	2	5
50% - 74%	3	4	4
25% - 49%	4	5	7
Less than 25%	5	4	1
Mean response rate for all COMs	75%	77%	76%

Table A2: 2017-2018 Response Rate to Debt, Scholarship and Specialty Survey Questions

	Response Rate
Debt	
Total Osteopathic Medical Education Loans	75%
Unsubsidized Stafford or FFELP	72%
Subsidized Stafford or FFELP	54%
Graduate PLUS	67%
Perkins	47%
Loans for Disadvantaged Students (LDS)	46%
Primary Care Loan (PCL)	46%
Other State-Issued Loans	45%
Osteopathic Association Loans	45%
Alternative Loans	46%
Other	46%
Family Loans to be Repaid by Student	68%
Non-Educational Debt	82%
At Entry, Loans Owing for Undergraduate Education	95%
At Entry, Loans Owing for Post-Bac Education	45%
Scholarships/Grants	
Total Scholarships/Grants	57%
National Health Service Corps Scholarship	47%
Armed Forces Health Professions Scholarship	48%
Post-9/11 GI Bill	47%
Indian Health Service Scholarship	46%
Department of Defense Tuition Assistance	46%
Scholarships for Disadvantaged Students	46%
State Government Scholarship/Grant	47%
Award from Osteopathic Medical School	50%
Tuition Waiver	46%
Osteopathic Association	46%
Other Sources	47%
Specialty	
Specialty Choice	98%