

DARTMOUTH

Office of Sponsored Projects Fiscal Year 2023 Annual Report

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Executive Summary

During fiscal year 2023, Dartmouth sponsored research awards, excluding financial aid, remained steady at \$170 million, an increase of 1.67% from fiscal year 2022. Expenses increased by half a percent, off trend or adjusting from more significant increases in fiscal years 2021 and 2022. Proposal costs increased significantly from fiscal year 2022, when one large FY22 outlier is excluded (\$290 million NASA proposal). Detailed analyses are available in the sections that follow this brief overview.

Table 1

	FY19	FY20	FY21	FY22	FY23
Awards	\$169,775,757	\$162,933,673	\$169,240,478	\$166,802,428	\$169,586,361
Financial Aid	\$40,248,380	\$42,035,948	\$40,530,020	\$40,620,120	\$36,827,631
Expenses	\$195,262,325	\$189,145,317	\$204,884,039	\$211,681,152	\$212,699,883
Proposals	\$798,443,468	\$794,204,478	\$774,237,500	*\$960,575,824	\$802,951,388

*FY22 \$286,097,795 NASA Proposal, not funded

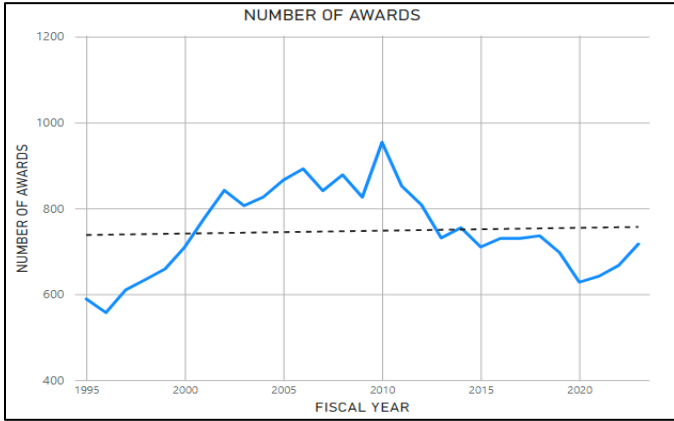
Historical Award and Proposal Data

Table 7

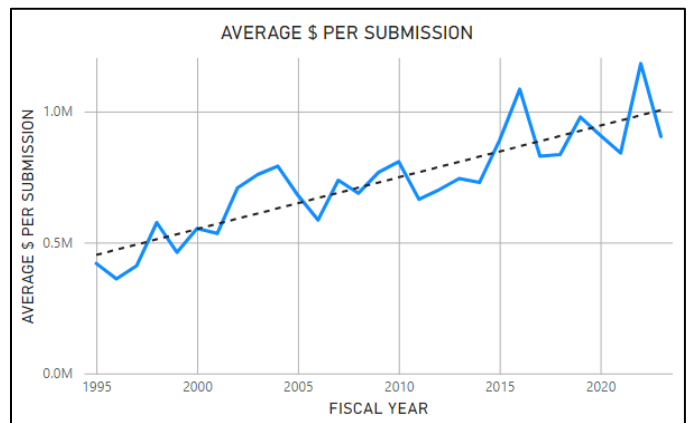
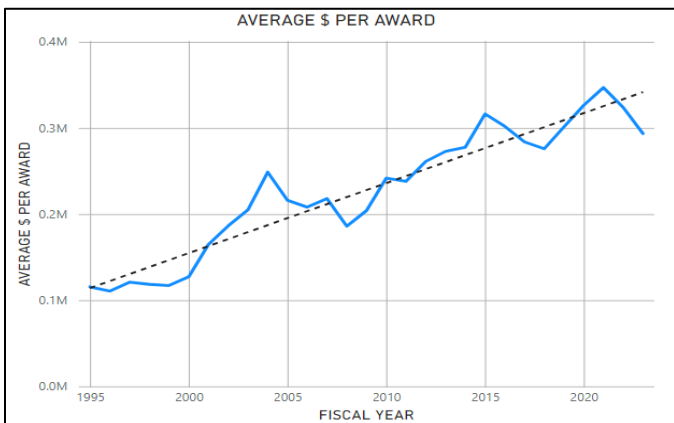
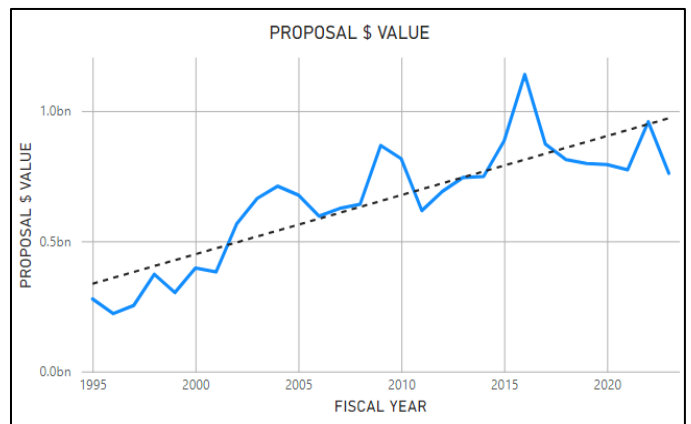
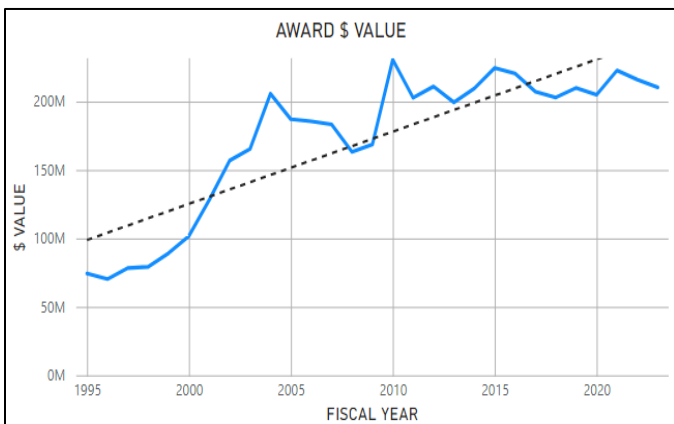
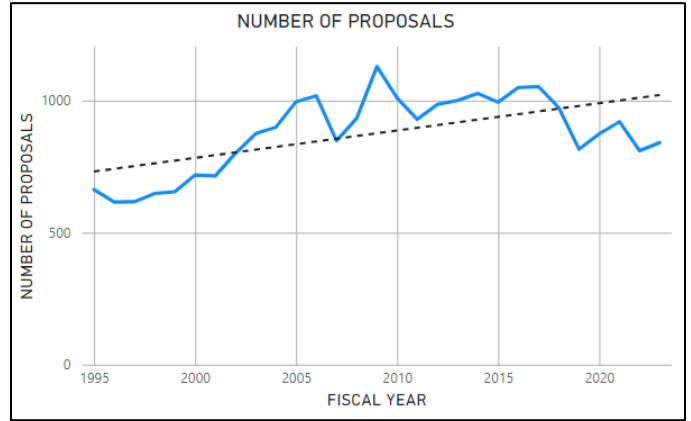
FISCAL YEAR	NUMBER OF AWARDS	\$ VALUE	AVERAGE \$ PER AWARD	NUMBER OF PROPOSALS	\$ VALUE	AVERAGE \$ PER SUBMISSION
1995	589	\$74,398,404	\$115,525	663	\$278,381,853	\$419,882
1996	557	\$70,317,683	\$110,659	616	\$222,160,564	\$360,650
1997	610	\$78,371,592	\$120,944	617	\$253,407,620	\$410,709
1998	634	\$79,265,092	\$118,483	648	\$373,243,370	\$575,993
1999	659	\$89,251,945	\$117,129	655	\$302,883,269	\$462,417
2000	710	\$101,728,987	\$127,161	718	\$397,406,296	\$553,491
2001	778	\$128,210,710	\$164,795	715	\$381,966,134	\$534,218
2002	842	\$156,954,675	\$186,407	800	\$566,055,455	\$707,569
2003	806	\$165,317,011	\$205,108	875	\$664,368,589	\$759,278
2004	827	\$205,705,391	\$248,737	899	\$711,325,763	\$791,241
2005	866	\$187,101,167	\$216,052	996	\$677,234,696	\$679,955
2006	892	\$185,634,211	\$208,110	1018	\$596,389,035	\$585,844
2007	841	\$183,340,425	\$218,003	848	\$625,611,839	\$737,750
2008	878	\$163,321,292	\$186,015	933	\$641,947,845	\$688,047
2009	826	\$168,582,051	\$204,094	1129	\$867,433,516	\$768,320
2010	954	\$230,718,049	\$241,843	1010	\$816,323,217	\$808,241
2011	852	\$202,747,767	\$237,967	929	\$617,564,039	\$664,762
2012	808	\$211,044,154	\$261,193	986	\$691,666,147	\$701,487
2013	731	\$199,474,532	\$272,879	1001	\$744,852,062	\$744,108
2014	755	\$209,599,057	\$277,615	1027	\$748,608,594	\$728,928
2015	710	\$224,539,807	\$316,253	994	\$885,472,417	\$890,817
2016	730	\$220,458,588	\$301,998	1050	\$1,139,819,813	\$1,085,543
2017	730	\$207,251,765	\$283,907	1053	\$873,157,571	\$829,209
2018	736	\$203,043,519	\$275,874	973	\$812,961,475	\$835,521
2019	697	\$210,024,137	\$301,326	816	\$798,443,468	\$978,485
2020	628	\$204,969,621	\$326,385	874	\$794,204,478	\$908,701
2021	642	\$222,770,534	\$346,995	920	\$774,237,500	\$841,563
2022	667	\$207,422,482	\$310,978	812	\$960,575,824	\$1,182,975
2023	717	\$206,413,992	\$287,886	845	\$802,951,388	\$954,758

Historical Counts and Amounts Visual

Awards



Proposals

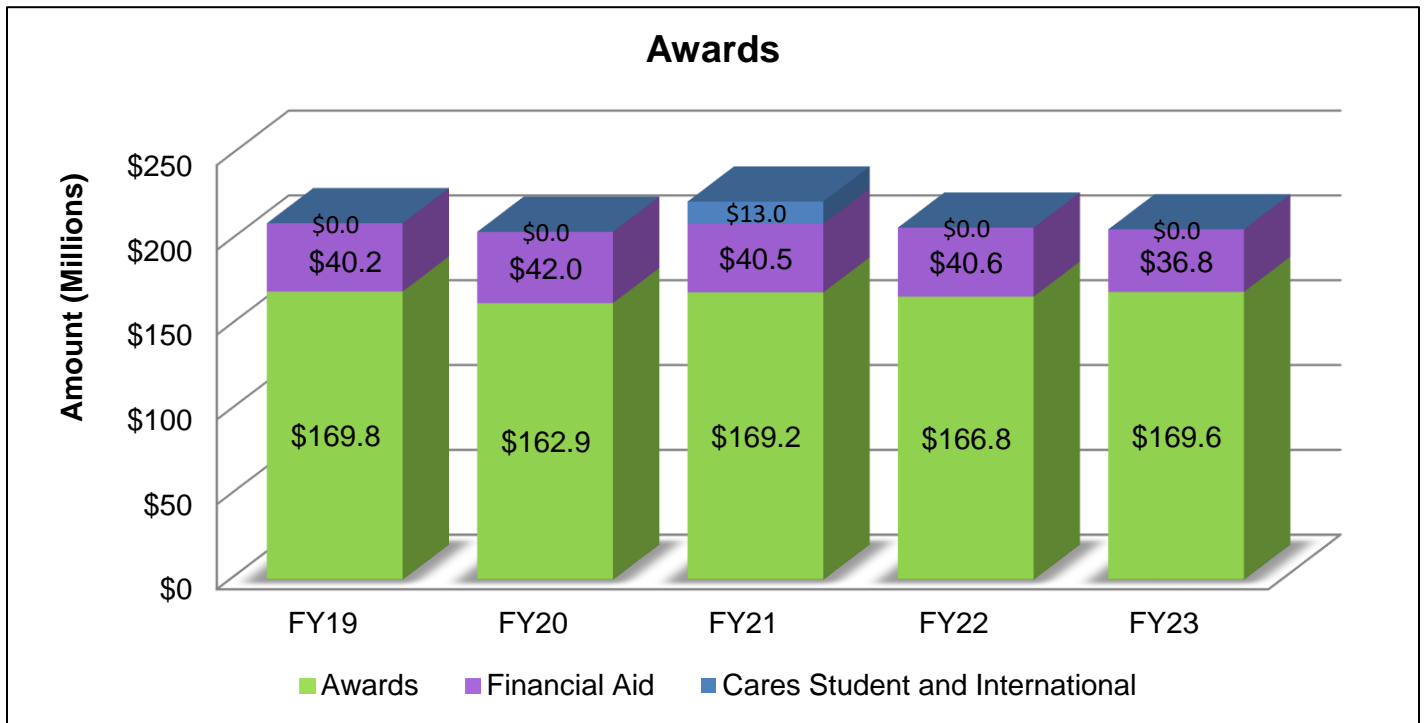


Awards

Dartmouth College received 713 award commitments in the fiscal year 2023, totaling \$169,586,361. An additional 36.8 million was received in financial aid. Through time, award dollars continue to trend upward. Slowly. Taking into consideration Geisel Medical School’s recent reorganization as well as the Covid-19 pandemic event, maintaining steady incoming award dollars can be viewed in a positive light. Both Arts & Sciences and Thayer Engineering saw noticeable rises in award income. Geisel School of Medicine saw a decrease of approximately 6%, believed to reflect continued adjustment to significant staff changes over the past five years.

Dartmouth 5 Year History

Figure 1



Non-Financial Aid Award Amounts

Figure 2 shows a five-year comparison of awards and agency sponsored expenses excluding financial aid.

Figure 2

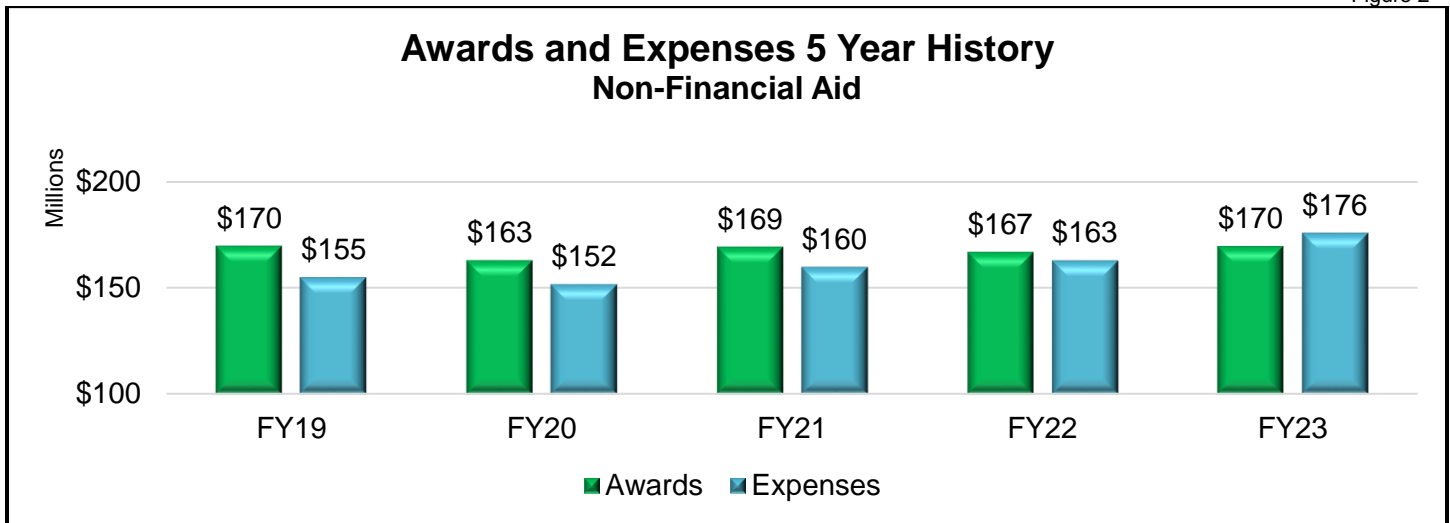
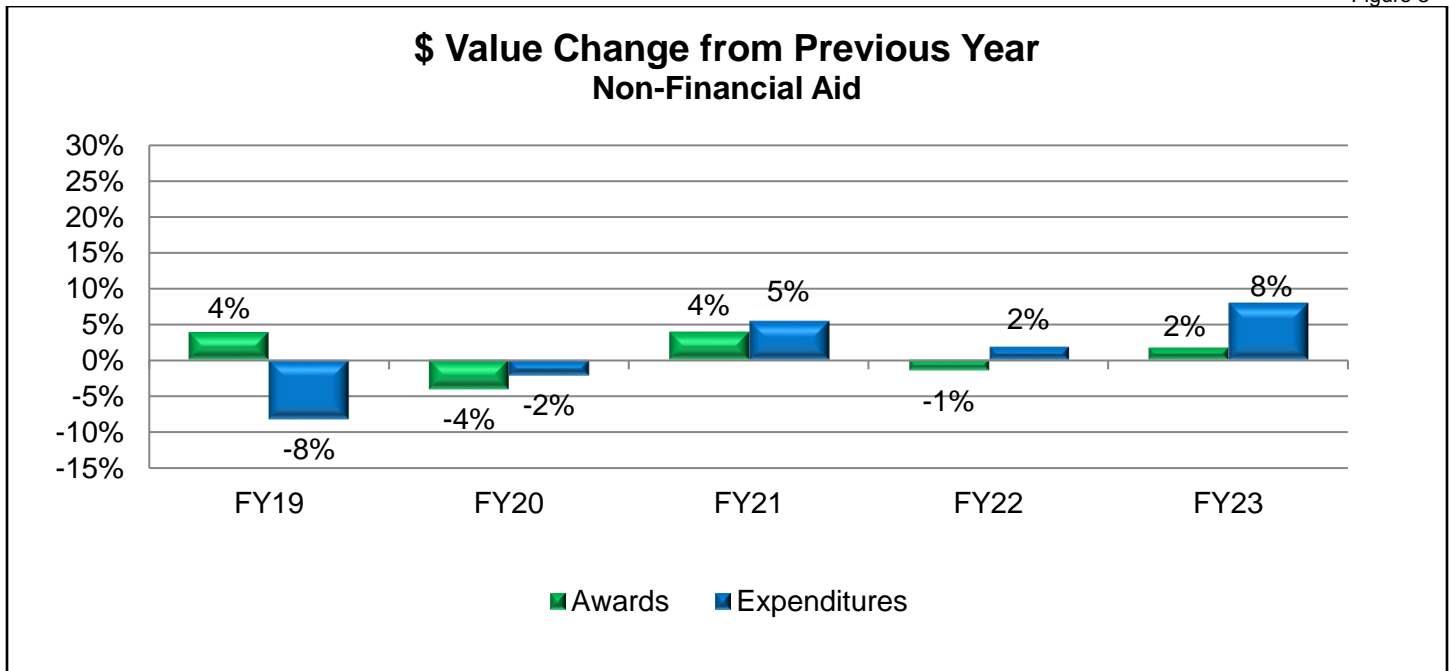


Figure 3 illustrates the relative changes in award and expenditure levels over the previous five years (Financial Aid excluded).

Figure 3

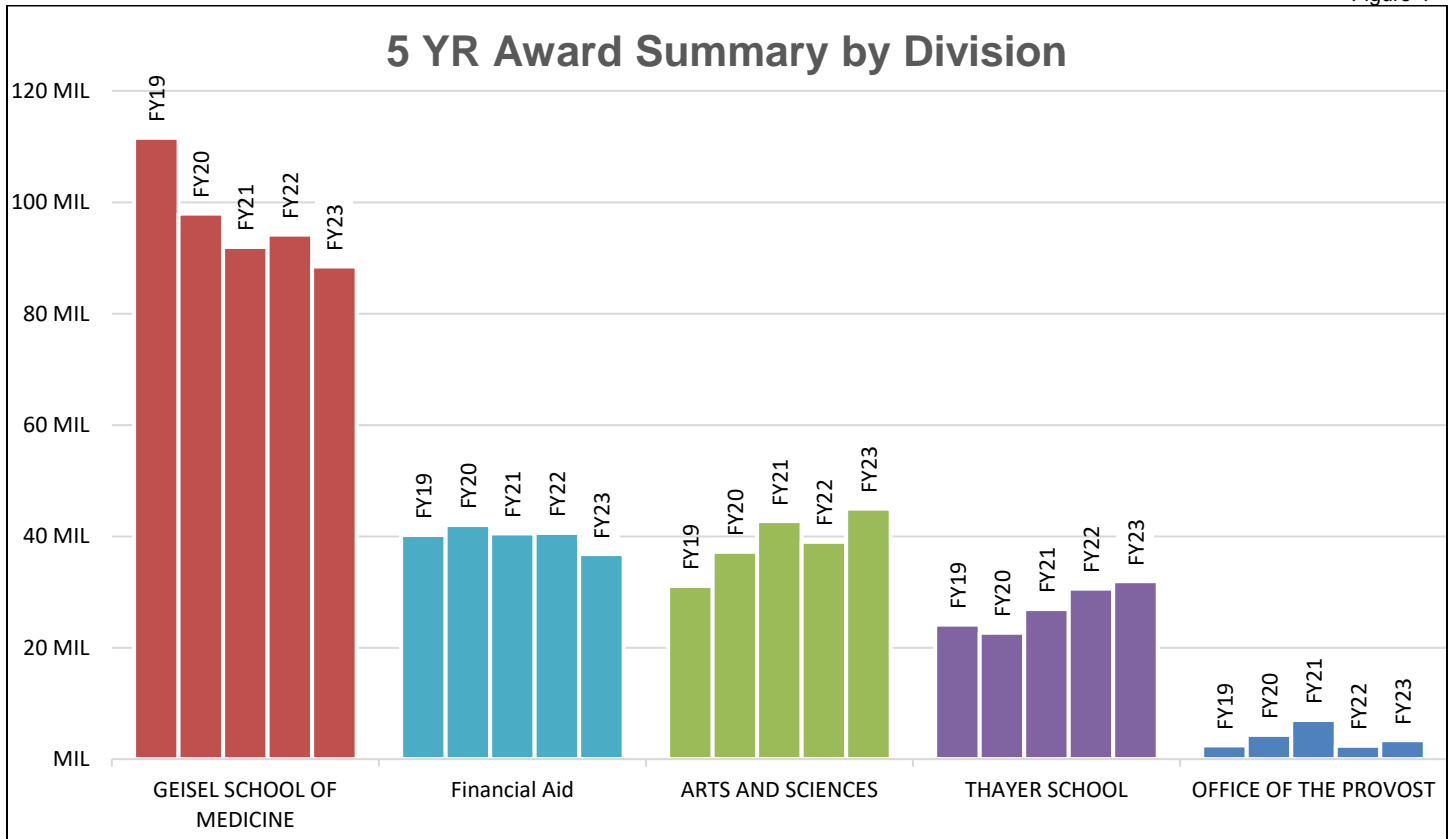


Awards by Division

Table 2

Division	FY19	FY20	FY21	FY22	FY23
ARTS AND SCIENCES	\$31,088,027	\$37,226,921	\$42,737,824	\$39,020,835	\$44,986,176
CAMPUS SERVICES	\$0	\$30,891	\$76,761	\$98,269	\$248,728
Fin Aid UG	\$40,248,380	\$42,035,948	\$40,530,020	\$40,620,054	\$36,827,631
CARES Student and Institutional	\$0	\$0	\$13,000,036	\$0	\$0
GEISEL SCHOOL OF MEDICINE	\$111,578,792	\$97,995,192	\$91,983,979	\$94,198,234	\$88,468,103
PROVOST	\$2,469,304	\$4,349,327	\$7,025,580	\$2,389,691	\$3,396,952
GRAD & ADV STUDIES	\$368,000	\$368,000	\$405,167	\$431,333	\$308,090
THAYER SCHOOL	\$24,156,002	\$22,689,010	\$26,945,898	\$30,613,279	\$31,952,495
TUCK SCHOOL	\$115,632	\$274,332	\$65,269	\$50,787	\$225,817
TOTAL COLLEGE	\$210,024,137	\$204,969,621	\$222,770,534	\$207,422,482	\$206,413,992

Figure 4

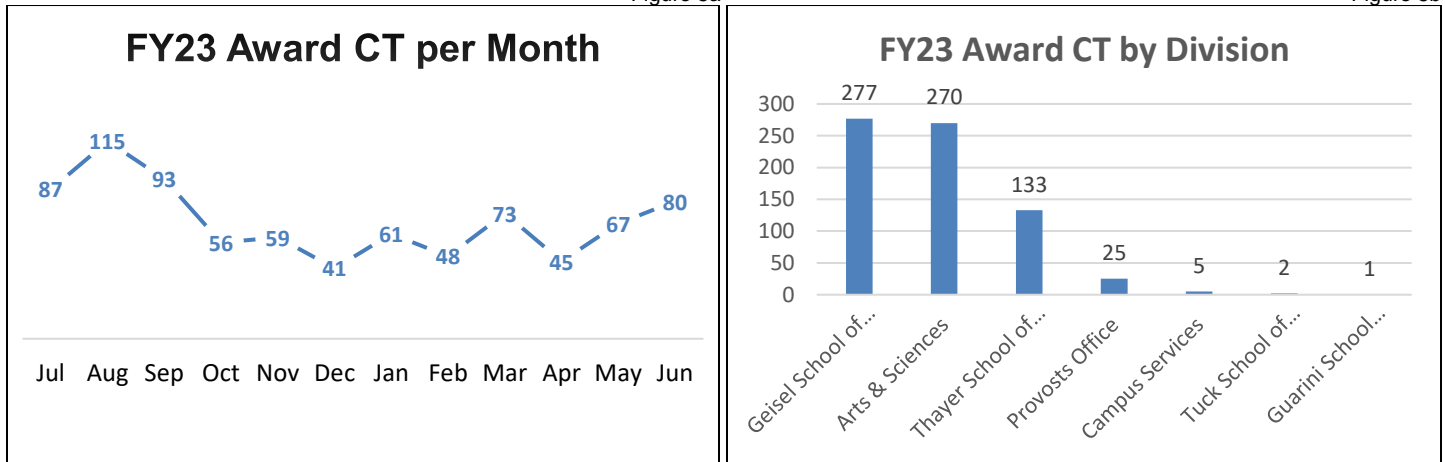


Note: Between FY19 and FY20, grants associated with clinical programs were transitioned From Geisel School of Medicine to Dartmouth Hitchcock

Number of Awards

Figure 5a

Figure 5b



Award Funding Sources

As Figure 6 illustrates, Dartmouth College relies heavily upon government sponsored research. In fiscal year 2023, government awards totaled \$148,894,565 (88% of total), compared to \$18,973,620 (11%) in private funding and \$1,718,176 (1%) in foreign funding. Government awards decreased 1%, from fiscal year 2022. Private awards increased by 25% over fiscal year 2022 totals.

Figure 6

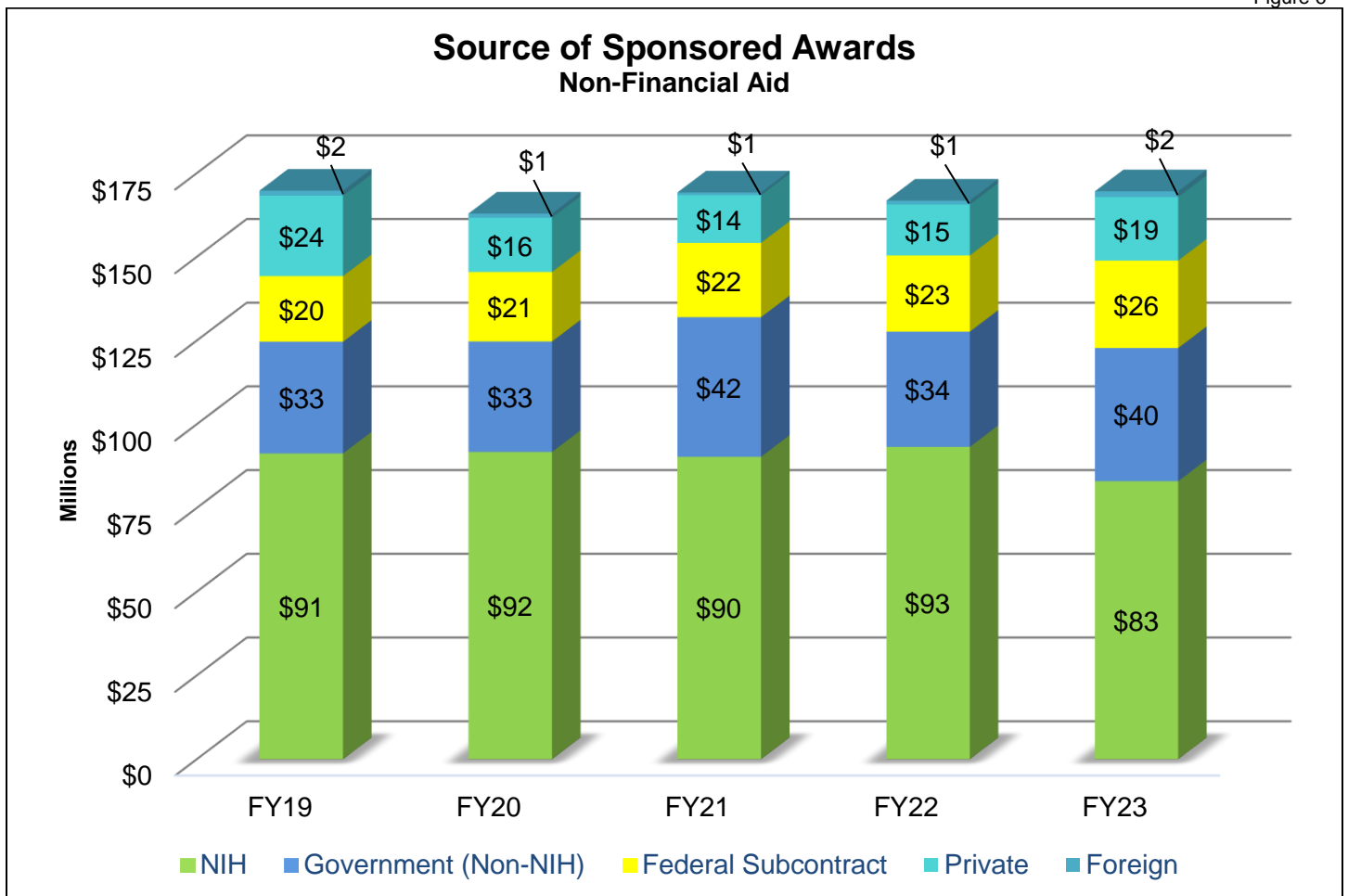


Figure 7a

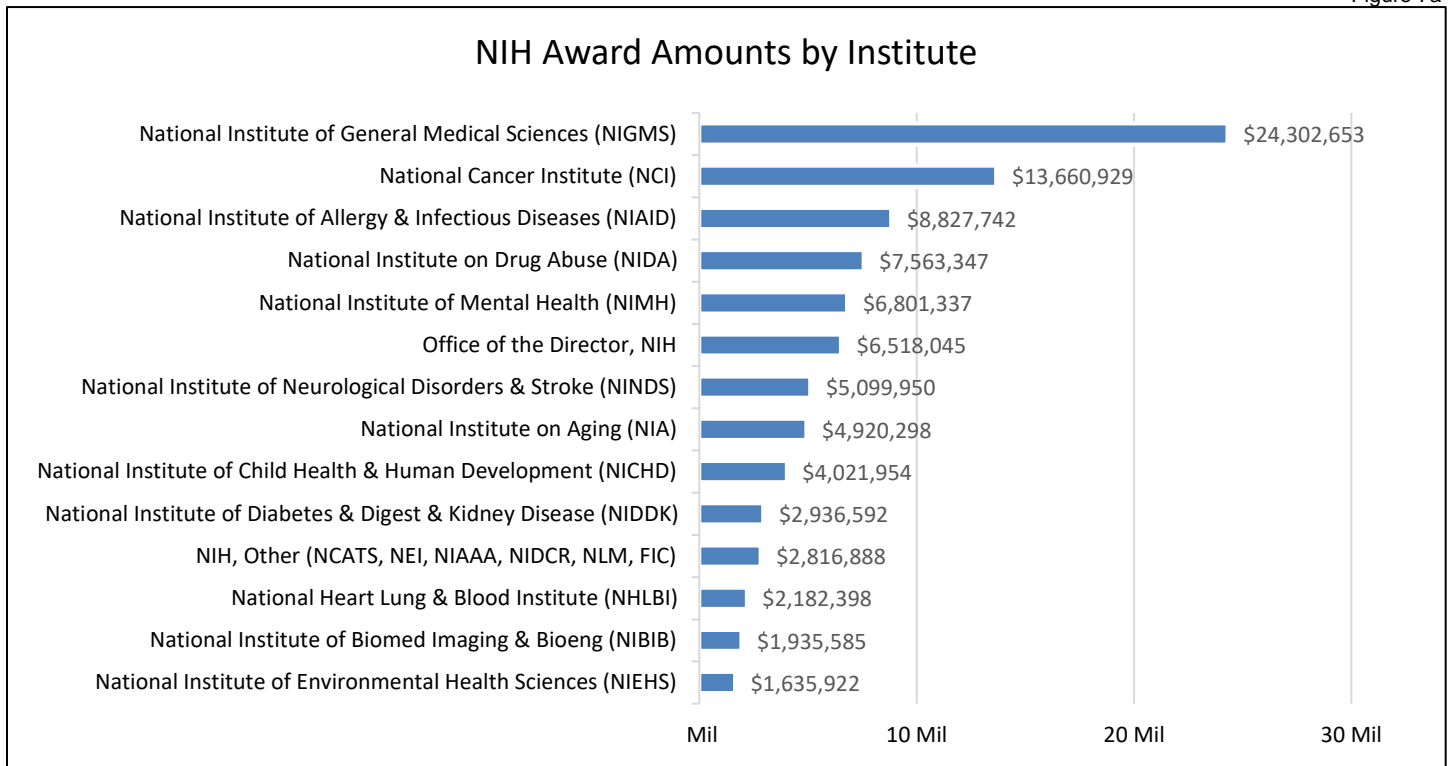
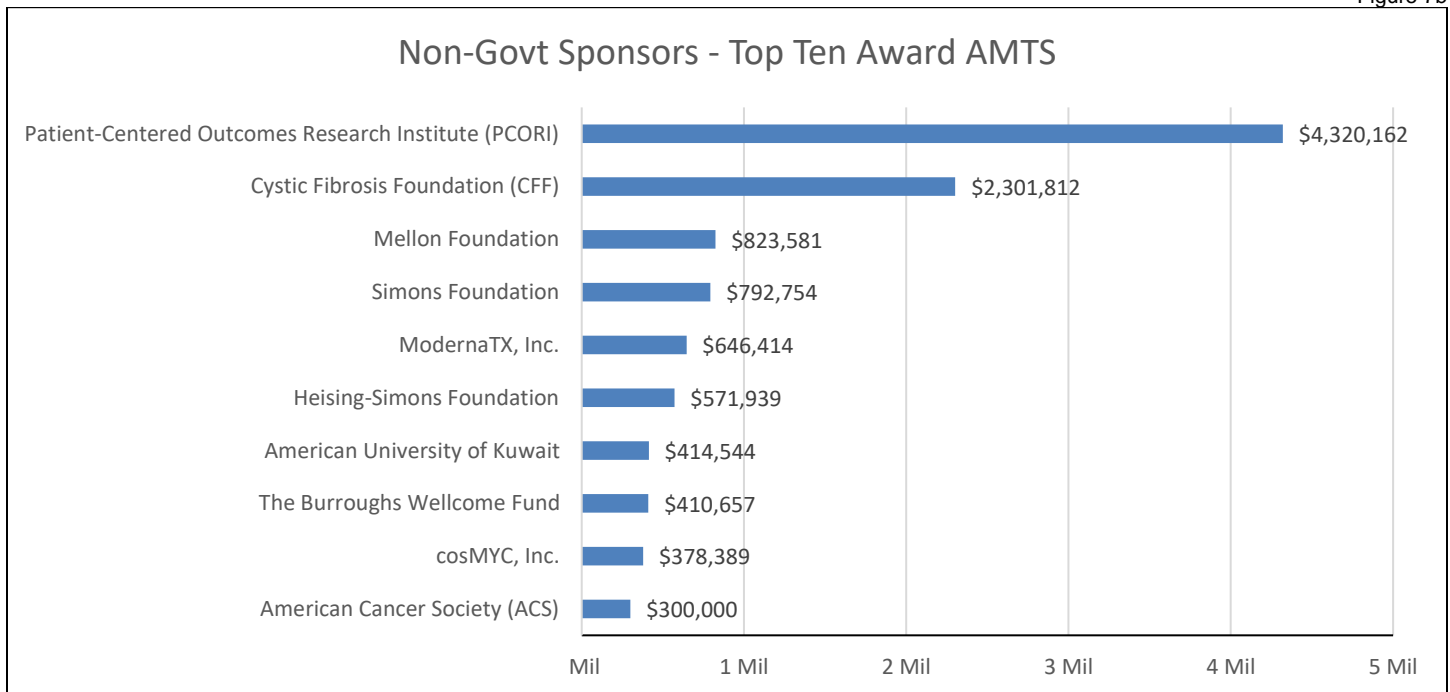


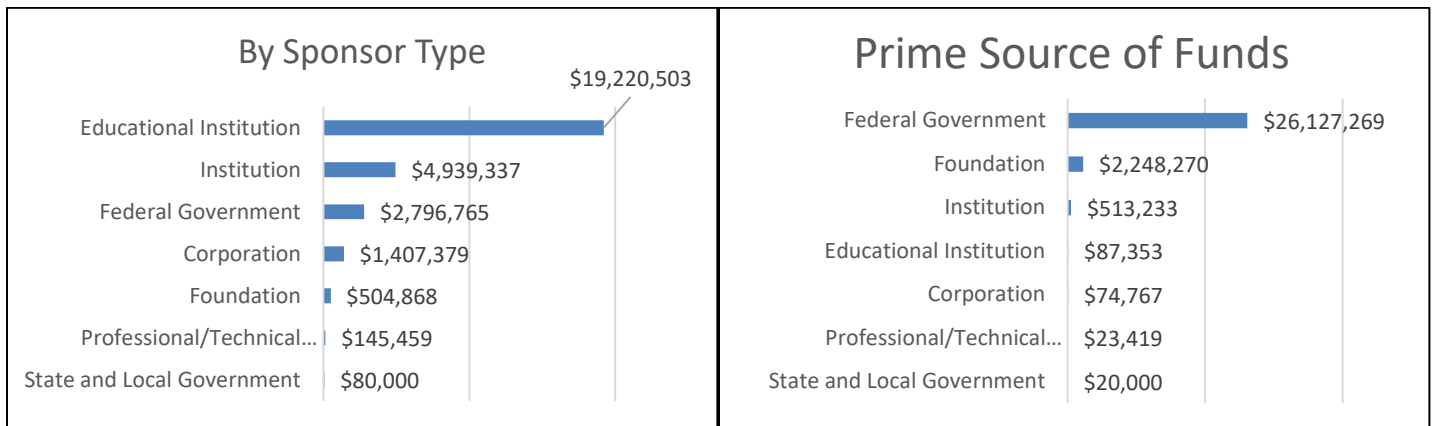
Figure 7b



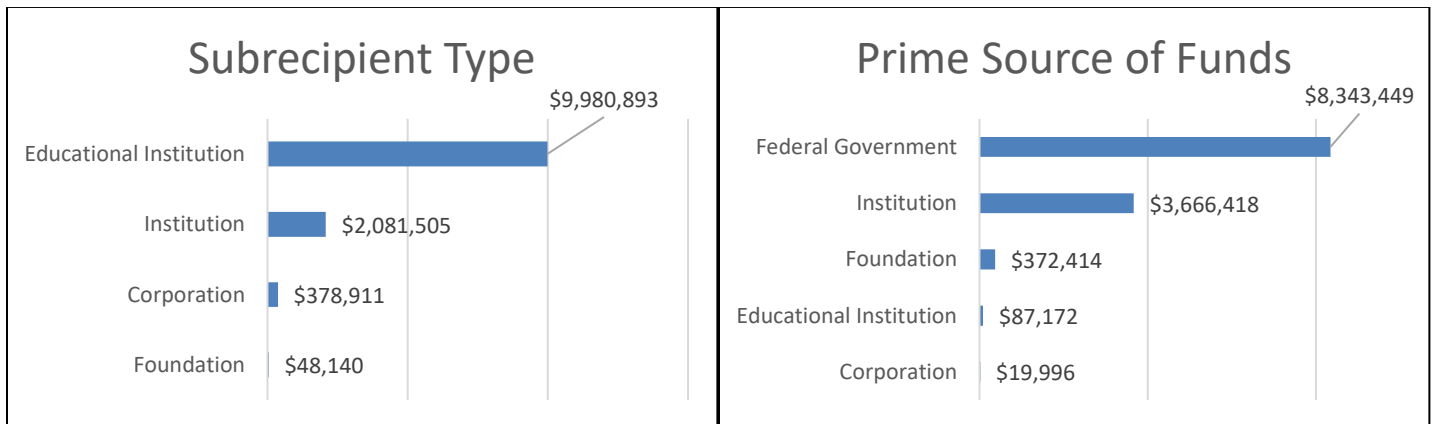
Subawards

Summary						
	FY21	FY21 % of Total	FY22	FY22 % of Total	FY23	FY23 % of Total
Subcontracts to Dartmouth	\$25,066,253	15%	\$25,716,983	15%	\$29,094,311	17%
Subawards from Dartmouth	\$18,245,759	11%	\$7,179,183	4%	\$12,489,449	7%

Subawards to Dartmouth



Subawards From Dartmouth



Proposals

Dartmouth College faculty and staff submitted 845 proposals totaling \$802,951,388 during fiscal year 2023. Excluding a 2022 outlier, proposal amounts increased 19% and counts increased 4% from fiscal year 2022 to fiscal year 2023. It should be noted that proposal counts and amounts fluctuate more from year to year than do awards.

Total College 5 YR History

Figure 8

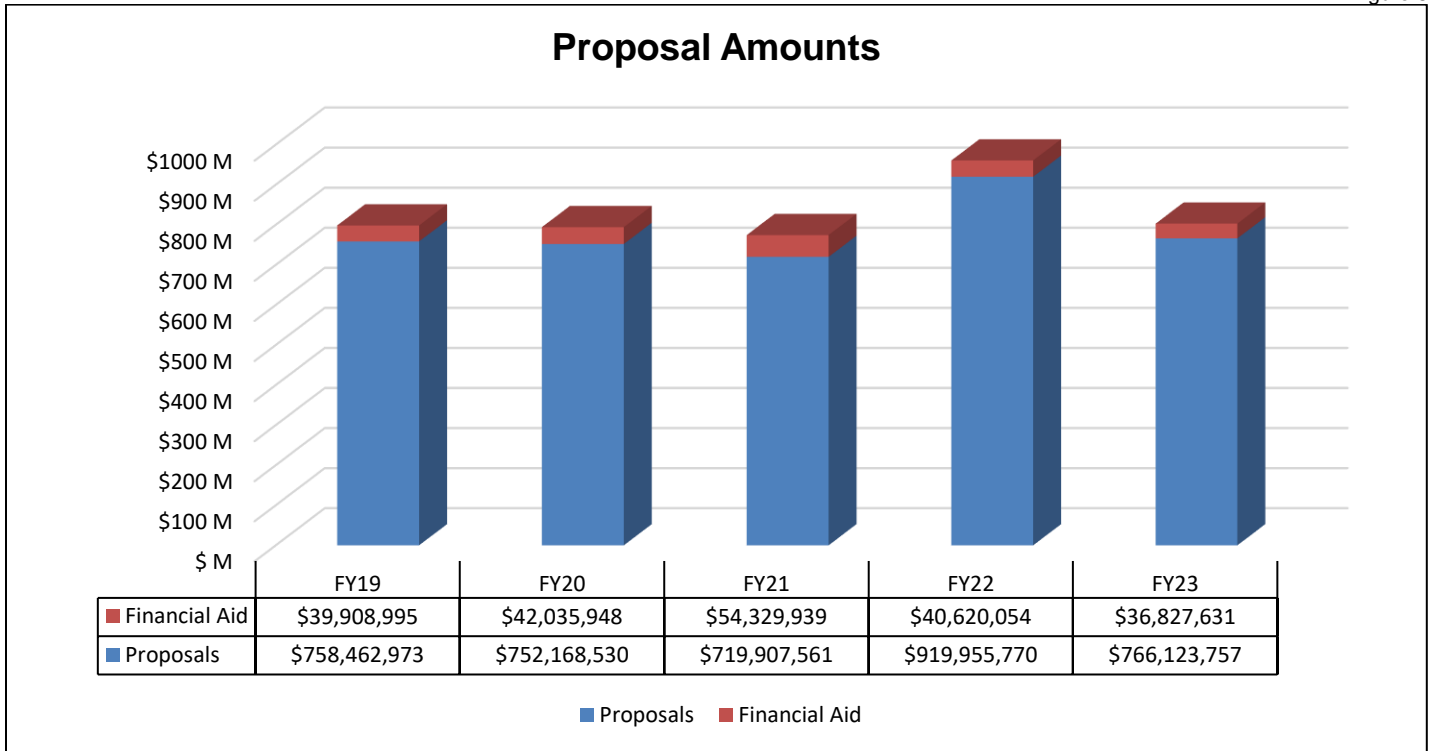


Figure 9

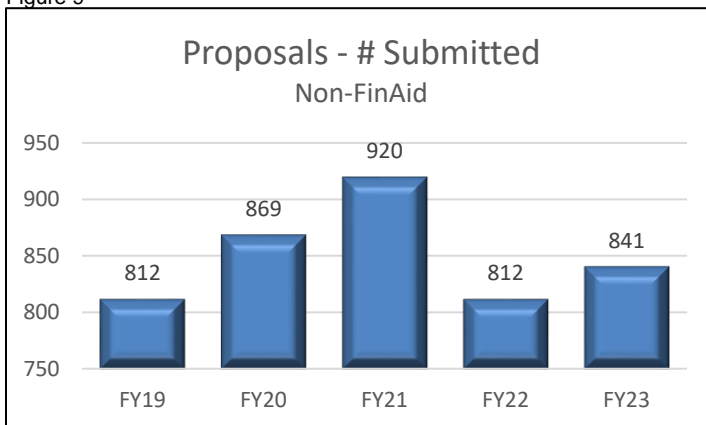
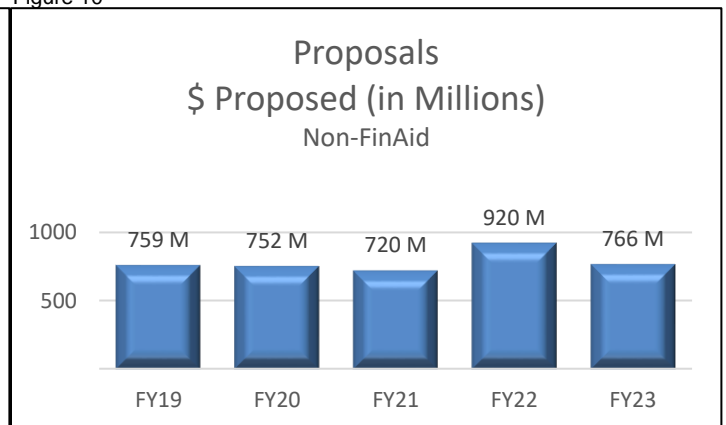


Figure 10



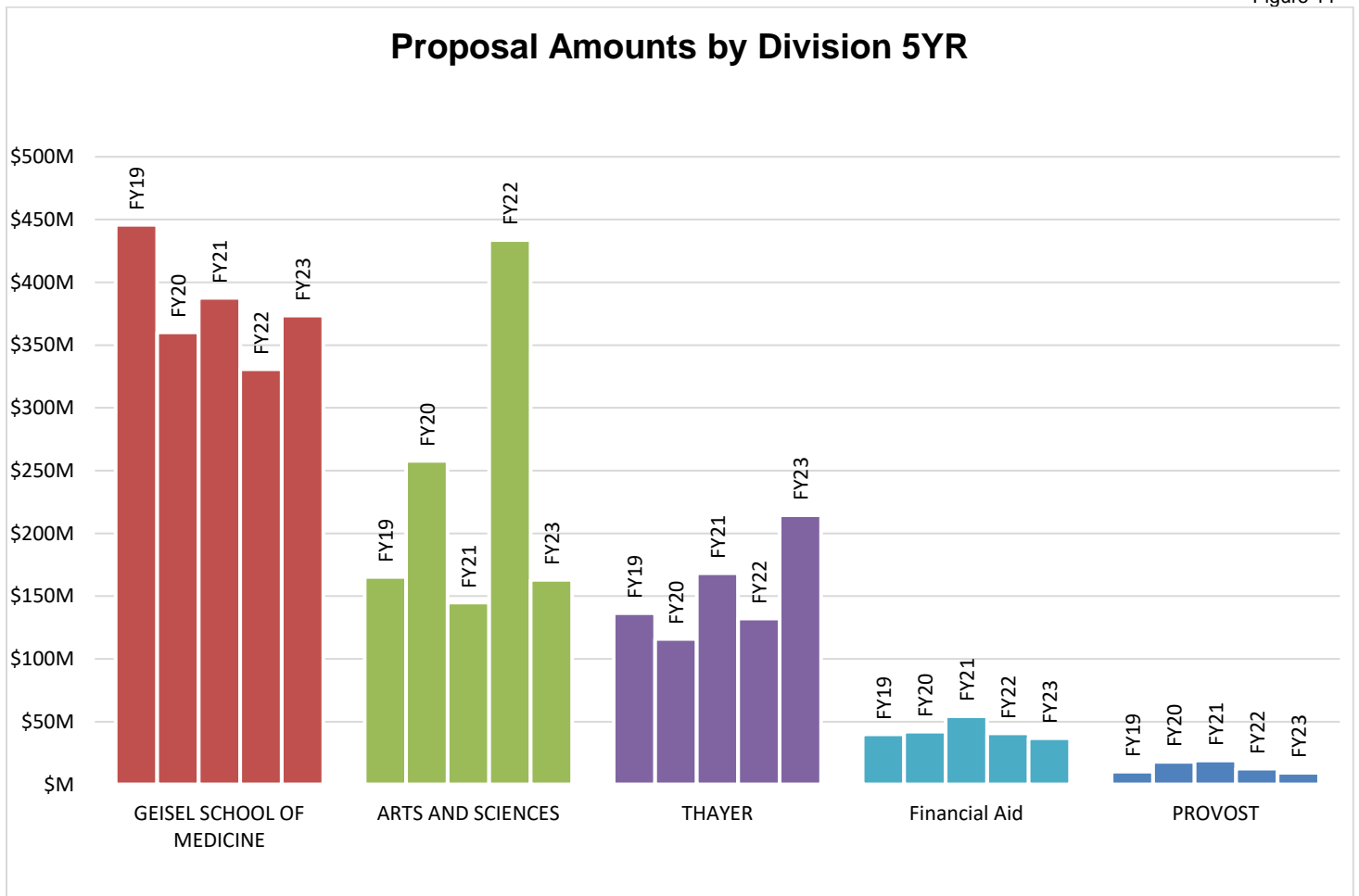
Proposals by Division

Table 4

Division	FY19	FY20	FY21	FY22	FY23
ARTS AND SCIENCES	\$165,304,778	\$257,819,969	\$144,911,795	*\$433,685,771	\$162,994,924
CAMPUS SERVICES	\$71,500	\$57,990	\$0	\$0	\$428,498
FINANCIAL AID	\$39,908,995	\$42,035,948	\$54,329,939	\$40,620,054	\$36,827,631
GEISEL SCHOOL OF MEDICINE	\$445,696,818	\$360,139,602	\$387,642,607	\$330,774,047	\$373,548,834
OFFICE OF THE PROVOST	\$10,165,131	\$17,978,500	\$19,050,611	\$12,577,165	\$9,238,440
SCHOOL OF GRAD. & ADV. STUDIES	\$0	\$0	\$0	\$10,625,246	\$5,001,663
THAYER SCHOOL	\$136,444,848	\$115,906,721	\$168,297,548	\$132,173,823	\$214,459,381
TUCK SCHOOL	\$851,398	\$265,748	\$5,000	\$119,718	\$452,018
TOTAL COLLEGE	\$798,443,468	\$794,204,478	\$774,237,500	\$960,575,824	\$802,951,388

*\$286,097,795 proposal to NASA

Figure 11



Number of Proposals

Table 5

Division	FY19	FY20	FY21	FY22	FY23
GEISEL SCHOOL OF MEDICINE	340	376	391	315	304
ARTS AND SCIENCES	265	287	294	265	279
THAYER SCHOOL	183	181	207	193	225
PROVOST	17	23	20	36	21
FINANCIAL AID	4	5	7	0	4
TUCK SCHOOL	6	1	1	1	3
GRAD STUDIES	0	0	0	2	4
CAMPUS SERVICES	1	1	0	0	5
TOTAL COLLEGE	816	874	920	812	845

Figure 12

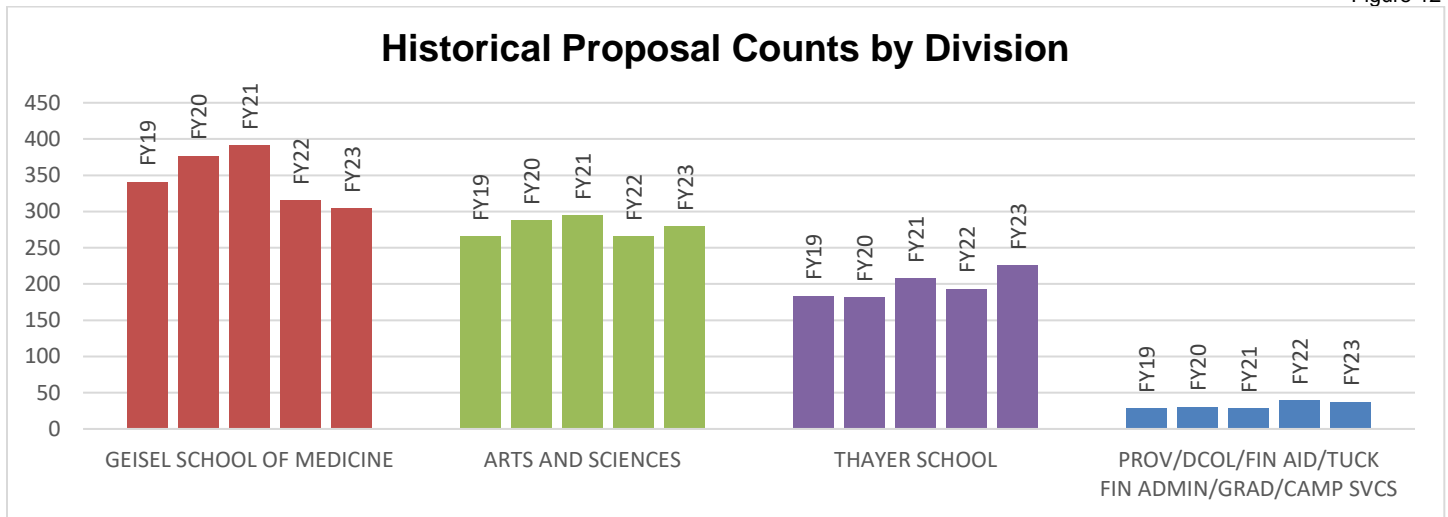
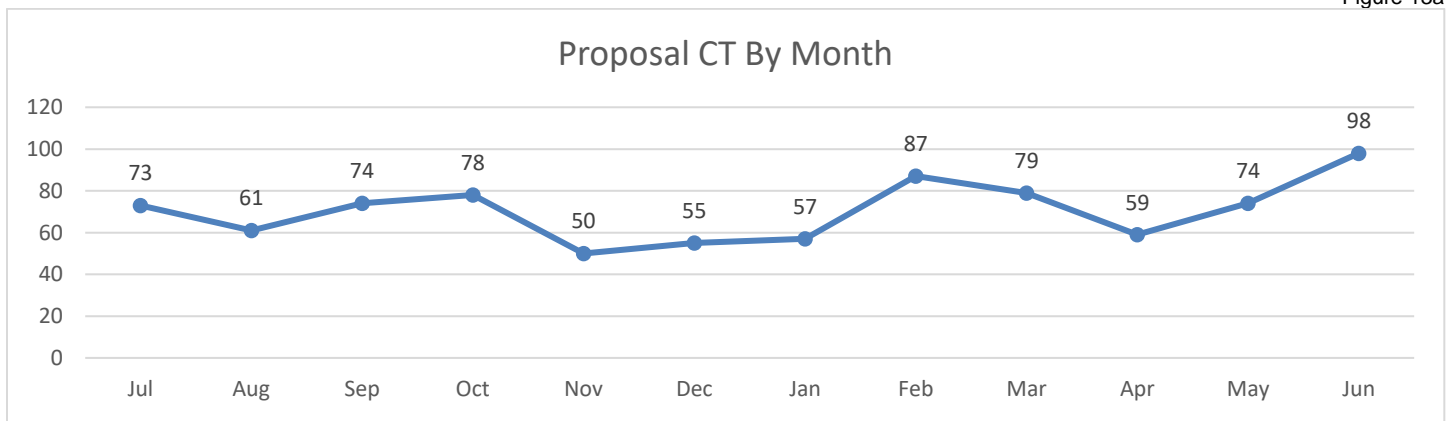
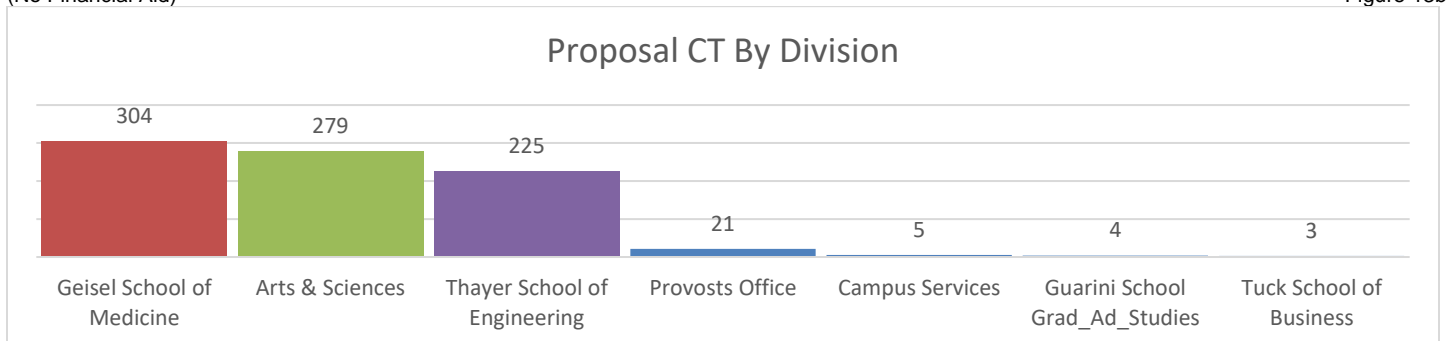


Figure 13a



(No Financial Aid)

Figure 13b



Proposal Funding Sources

Table 6

Division	NIH	Institution	Govt, Non-NIH	Foundation	Corp	Grand Total
Geisel School of Medicine	\$286,782,577	\$54,560,232	\$13,522,361	\$10,697,773	\$7,985,891	\$373,548,834
Arts & Sciences	\$36,692,057	\$28,588,274	\$89,115,816	\$7,749,016	\$849,761	\$162,994,924
Thayer School of Engineering	\$74,161,801	\$17,858,255	\$110,448,674	\$5,146,115	\$6,844,536	\$214,459,381
Provosts Office	\$7,994,892	\$303,186	\$233,369	\$644,995	\$61,998	\$9,238,440
Tuck School of Business		\$164,293	\$287,725			\$452,018
Grand Total	\$405,631,327	\$101,474,240	\$213,607,944	\$24,237,899	\$15,742,186	\$760,693,596

Figure 14

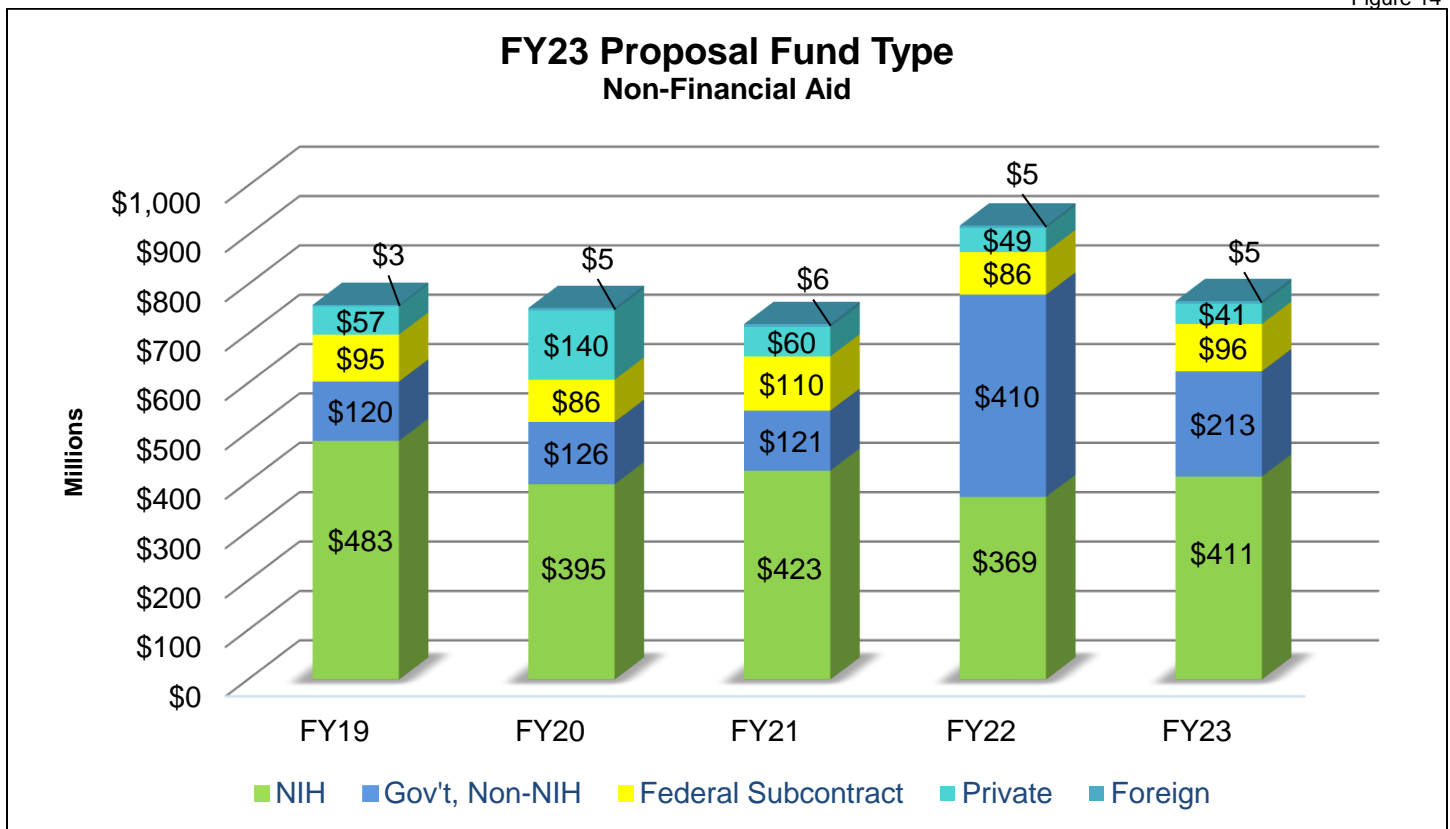


Figure 15

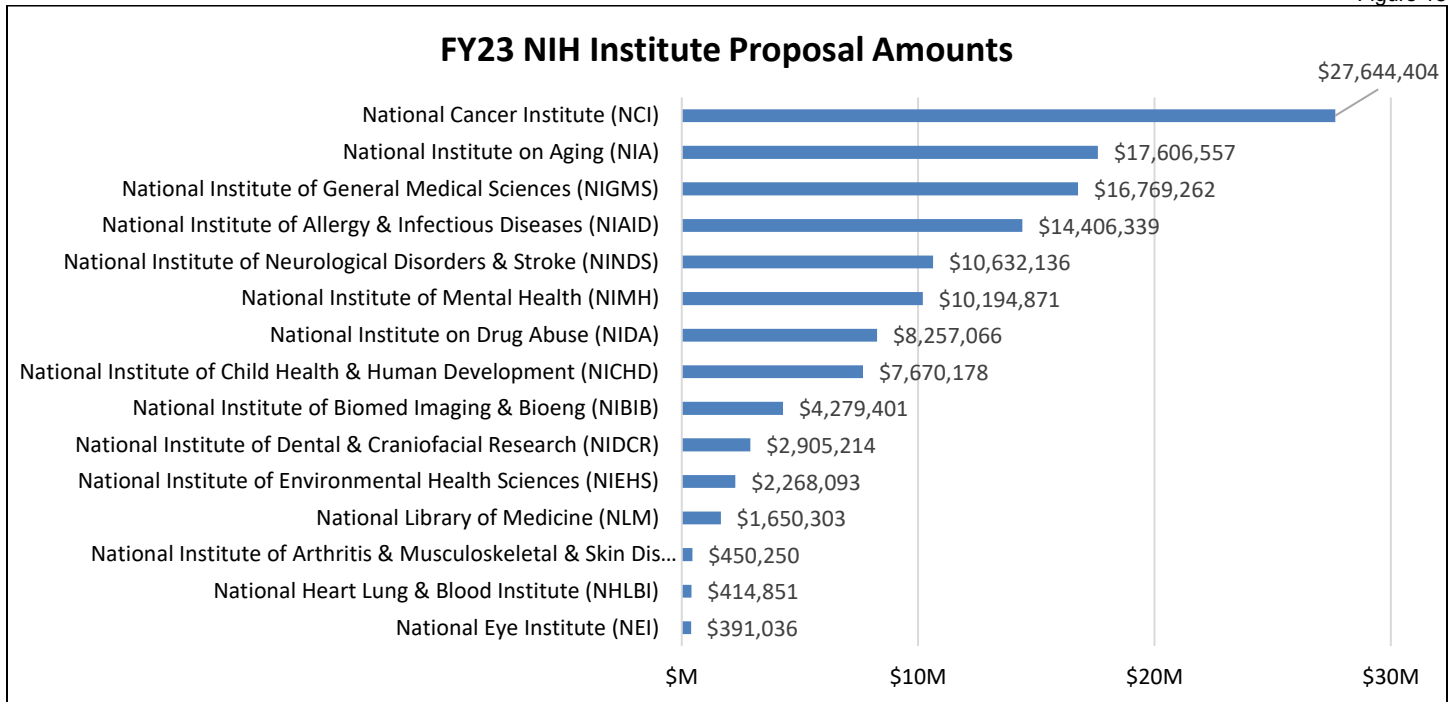
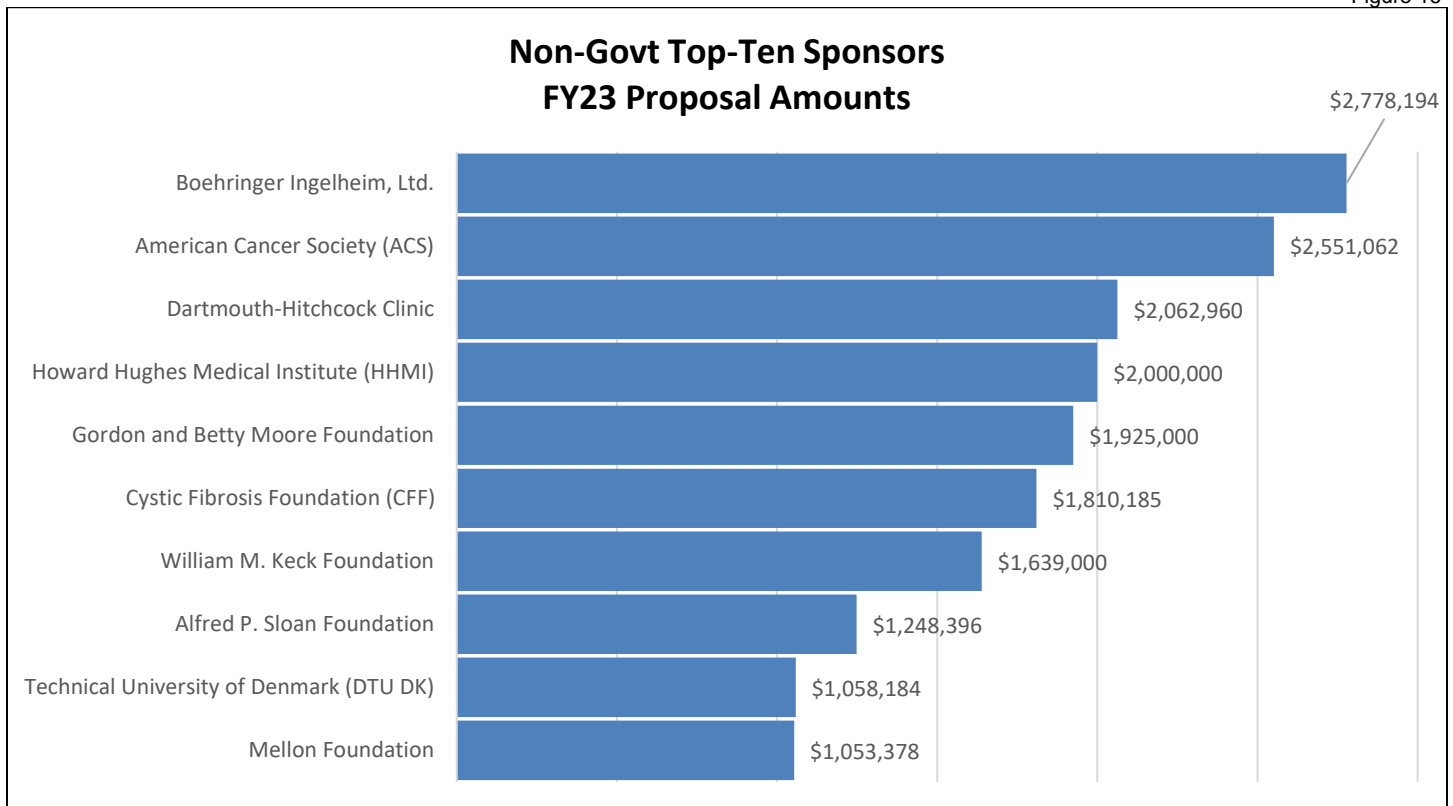


Figure 16



Agency Sponsored Expenses

Sponsored research expenditures in fiscal year 2023 totaled \$212,699,883, a decrease of 4% from FY2022. Excluding financial aid, direct expenses increased 7% from fiscal year 2022.

Total College 5 YR History

(Financial Aid Included, No Cost Share)

Table 8

Total Agency Sponsored Expenses				
FY19	FY20	FY21	FY22	FY23
195,262,325	189,145,317	204,884,039	\$221,484,785	\$212,699,883

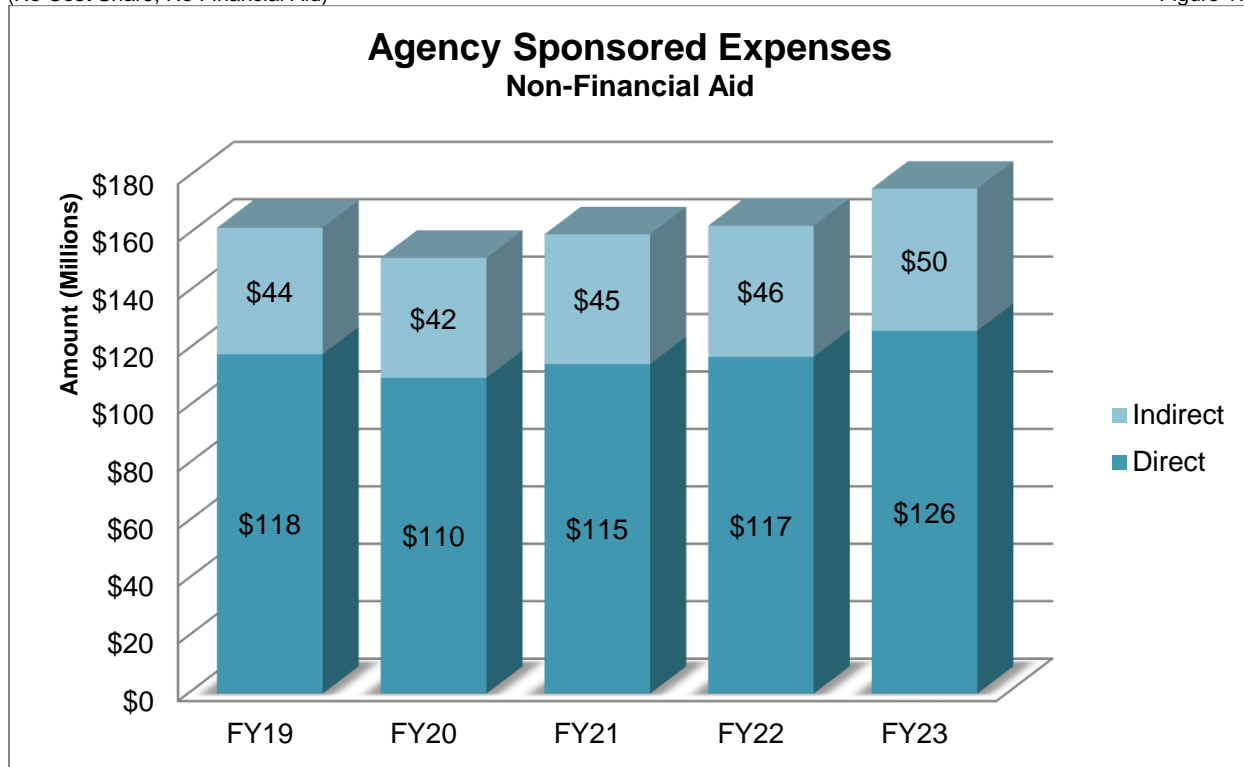
(No Financial Aid, No Cost Share)

Table 9

Total Sponsored Research Expenses (Non-Fin Aid)					
	Direct	Direct %	Indirect	Indirect %	Total
FY19	\$118,143,639	72.84%	\$44,050,179	27.16%	\$162,193,817
FY20	\$109,931,248	72.44%	\$41,832,566	27.56%	\$151,763,814
FY21	\$114,736,777	71.73%	\$45,216,945	28.27%	\$159,953,722
FY22	\$117,243,915	71.96%	\$45,675,110	28.04%	\$162,919,025
FY23	\$122,965,856	71.29%	\$49,527,649	28.71%	\$172,493,504

(No Cost Share, No Financial Aid)

Figure 17



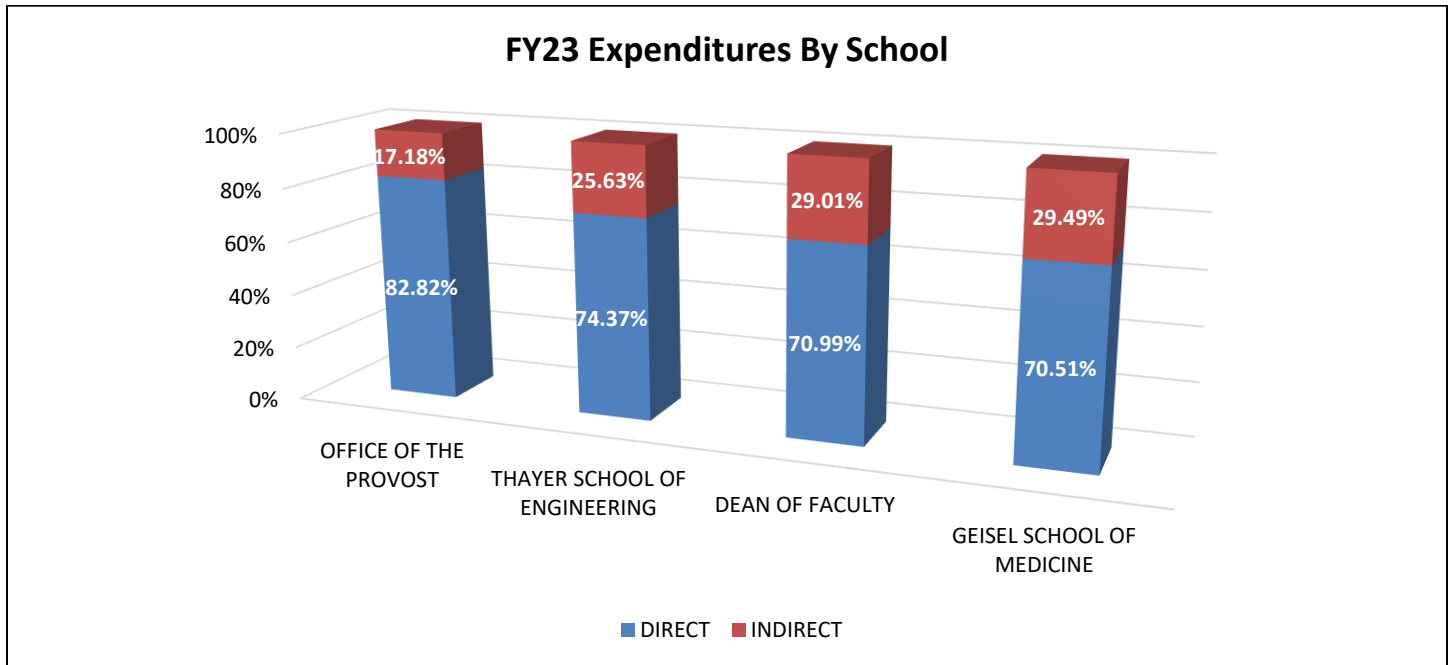
Expenditures by Division

No Cost Share

Table 10

Division	Direct	%	Indirect	%	Total
GEISEL SCHOOL OF MEDICINE	67,651,981	70.51%	28,288,985	29.49%	95,940,967
FINANCIAL AID	36,860,514	100.00%		0.00%	36,860,514
DEAN OF FACULTY	30,580,954	70.99%	12,499,514	29.01%	43,080,468
THAYER SCHOOL OF ENGINEERING	23,548,940	74.37%	8,115,761	25.63%	31,664,700
OFFICE OF THE PROVOST	2,932,567	82.82%	608,128	17.18%	3,540,695
GUARINI SCHOOL GRAD AND ADV STUDIES	1,258,902	100.00%		0.00%	1,258,902
TUCK SCHOOL OF BUSINESS	219,933	94.14%	13,695	5.86%	233,628
CAMPUS SERVICES	120,009	100.00%		0.00%	120,009
Grand Total	\$163,173,800	76.72%	\$49,526,083	23.28%	\$212,699,883

Figure 18



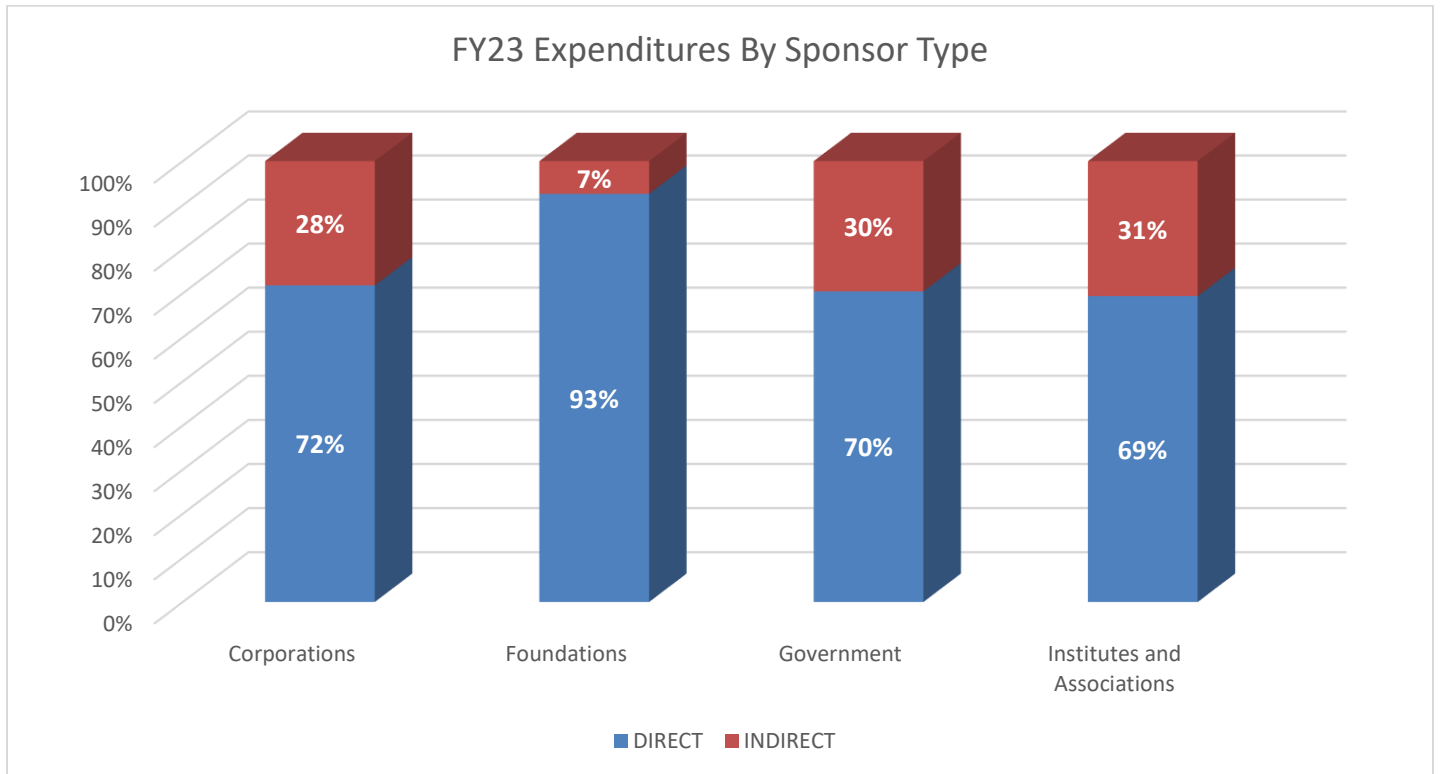
Expenditures by Sponsor Type

No Cost Share, No Financial Aid

Table 11

Sponsor Type	DIRECT	%	INDIRECT	%	Grand Total
Corporations	\$2,333,331	72%	\$916,080	28%	\$3,249,411
Foundations	\$7,309,715	93%	\$584,738	7%	\$7,894,454
Government	\$92,016,757	70%	\$38,618,835	30%	\$130,635,593
Institutes and Associations	\$21,306,052	69%	\$9,407,995	31%	\$30,714,047
Grand Total	\$122,965,856	71%	\$49,527,649	29%	\$172,493,504

Figure 19



Expense Summary

Eight Year Comparison

Fiscal Year	Agency Sponsored Expenses			College Cost Share Expenses			Total Expenses		
	Direct	Indirect	Total	CS Direct	CS Indirect	CS TTL	TTL Direct	Indirect	TTL TTL
Campus Services									
2016	95,000	-	95,000	-	-	-	95,000	-	95,000
2017	99,890	-	99,890	-	-	-	99,890	-	99,890
2018	192,098	-	192,098	-	-	-	192,098	-	192,098
2019	60,429	-	60,429	-	-	-	60,429	-	60,429
2020	62,121	-	62,121	-	-	-	62,121	-	62,121
2021	55,729	-	55,729	-	-	-	55,729	-	55,729
2022	36,565	-	36,565	-	-	-	36,565	-	36,565
2023	113,542	-	113,542	6,468	-	6,648	120,009	-	120,009
Arts & Sciences									
2016	17,961,331	6,384,048	24,345,379	417,718	(4,525)	413,193	18,379,048	6,379,523	24,758,572
2017	17,149,655	6,239,374	23,389,029	605,465	(5,477)	599,988	17,755,120	6,233,896	23,989,017
2018	17,898,863	7,132,058	25,030,921	701,579	9	701,588	18,600,442	7,132,067	25,732,509
2019	20,317,318	7,958,273	28,275,591	668,212	(9)	668,203	20,985,530	7,958,264	28,943,794
2020	23,756,095	9,117,593	32,873,688	584,593	-	584,593	24,340,688	9,117,593	33,458,281
2021	25,797,042	10,302,391	36,099,433	693,223	-	693,223	26,490,265	10,302,391	36,792,656
2022	29,654,527	12,014,421	41,668,948	719,975	-	719,975	30,374,502	12,014,421	42,388,923
2023	29,786,557	12,499,514	42,286,070	794,397	-	794,397	30,580,954	12,499,514	43,080,468
Exec VP Finance and Admin									
2016	165,093	-	165,093	-	-	-	165,093	-	165,093
2017	81,193	-	81,193	-	-	-	81,193	-	81,193
2018	679	-	679	-	-	-	679	-	679
2019	2,075	-	2,075	-	-	-	2,075	-	2,075
2020	99	-	99	-	-	-	99	-	99
Financial Aid									
2016	32,228,202	-	32,228,202	650,535	-	650,535	32,878,737	-	32,878,737
2017	35,430,197	-	35,430,197	-	-	-	35,430,197	-	35,430,197
2018	39,479,016	-	39,479,016	-	-	-	39,479,016	-	39,479,016
2019	40,213,272	-	40,213,272	-	-	-	40,213,272	-	40,213,272
2020	37,381,503	-	37,381,503	-	-	-	37,381,503	-	37,381,503
2021	44,930,316	-	44,930,316	-	-	-	44,930,316	-	44,930,316
2022	48,762,127	-	48,762,127	-	-	-	48,762,127	-	48,762,127
2023	36,860,514	-	36,860,514	-	-	-	36,860,514	-	36,860,514
Geisel School of Medicine									
2016	99,965,358	30,247,863	130,213,221	3,594,636	-	3,594,636	103,559,994	30,247,863	133,807,857
2017	89,344,262	30,251,949	119,596,211	4,228,902	15,689	4,244,591	93,573,163	30,267,638	123,840,802
2018	85,634,341	30,274,511	115,908,852	4,319,205	7,561	4,326,766	89,953,545	30,282,072	120,235,617
2019	72,031,619	27,548,204	99,579,824	2,884,604	27	2,884,631	74,916,223	27,548,231	102,464,454
2020	66,144,750	25,793,236	91,937,985	1,249,333	10,890	1,260,222	67,394,082	25,804,126	93,198,208
2021	66,494,676	27,505,753	94,000,430	417,964	(10,890)	407,075	66,912,641	27,494,864	94,407,504
2022	64,530,532	27,751,777	92,282,309	564,736	-	564,736	65,095,269	27,751,777	92,847,046
2023	67,437,256	28,288,985	95,726,241	214,726	-	214,726	67,651,981	28,288,985	95,940,967
Guarini School									
2017	382,169	-	382,169	681,534	-	681,534	1,063,702	-	1,063,702
2018	356,666	-	356,666	870,667	-	870,667	1,227,333	-	1,227,333
2019	370,833	-	370,833	782,125	-	782,125	1,152,958	-	1,152,958
2020	356,973	-	356,973	194,809	-	194,809	551,782	-	551,782
2021	416,193	-	416,193	139,072	-	139,072	555,265	-	555,265
2022	561,128	-	561,128	460,001	-	460,001	1,021,129	1,021,129	1,021,129
2023	602,782	-	602,782	656,120	-	656,120	1,258,902	-	1,258,902
Office of the Provost									
2016	2,822,754	655,160	3,477,914	577,126	-	577,126	3,399,880	655,160	4,055,040
2017	2,370,272	746,082	3,116,354	875,019	-	875,019	3,245,291	746,082	3,991,373
2018	2,226,644	772,874	2,999,518	629,095	-	629,095	2,855,739	772,874	3,628,613
2019	2,325,412	676,284	3,001,696	329,286	-	329,286	2,654,698	676,284	3,330,981
2020	2,512,098	474,954	2,987,052	254,739	-	254,739	2,766,837	474,954	3,241,791
2021	2,541,141	563,948	3,105,089	107,572	-	107,572	2,648,714	563,948	3,212,661
2022	1,993,153	483,453	2,476,606	138,927	1,565	140,492	2,132,080	485,018	2,617,098
2023	2,396,651	609,693	3,006,345	535,916	(1,565)	534,351	2,932,567	608,128	3,540,695
Thayer School									
2016	17,588,758	4,968,652	22,557,410	350,207	-	350,207	17,938,965	4,968,652	22,907,617
2017	17,600,058	5,479,167	23,079,225	632,666	-	632,666	18,232,723	5,479,167	23,711,890
2018	18,454,295	5,907,010	24,361,305	941,423	-	941,423	19,395,718	5,907,010	25,302,728
2019	17,454,894	6,129,363	23,584,257	784,017	-	784,017	18,238,911	6,129,363	24,368,274
2020	16,945,129	6,348,107	23,293,237	614,735	-	614,735	17,559,864	6,348,107	23,907,971
2021	19,392,141	6,819,484	26,211,626	587,872	-	587,872	19,980,014	6,819,484	26,799,498
2022	19,369,629	7,351,559	26,721,188	643,320	-	643,320	20,012,949	7,351,559	27,364,508
2023	22,409,136	8,115,761	30,524,897	1,139,803	-	1,139,803	23,548,940	8,115,761	31,664,700
Tuck School									
2016	87,901	26,298	114,199	235,082	-	235,082	322,983	26,298	349,281
2017	-	-	-	9,587	-	9,587	9,587	-	9,587
2018	13,208	8,187	21,395	16,080	-	16,080	29,288	8,187	37,475

Fiscal Year	Agency Sponsored Expenses			College Cost Share Expenses			Total Expenses		
	Direct	Indirect	Total	CS Direct	CS Indirect	CS TTL	TTL Direct	TTL Indirect	TTL TTL
2019	125,164	49,166	174,331	7,650	-	7,650	132,814	49,166	181,981
2020	153,984	98,676	252,660	-	-	-	153,984	98,676	252,660
2021	39,854	25,368	65,222	-	-	-	39,854	25,368	65,222
2022	44,480	25,403	69,883	-	-	-	44,480	25,403	69,883
2023	519,933	13,695	233,628	-	-	-	219,933	13,695	233,628
Vice Provost Staff									
2016	291	-	291	2,187	-	2,187	2,478	-	2,478
Total College									
2016	170,914,688	42,282,022	213,196,710	5,827,491	(4,525)	5,822,965	176,742,179	42,277,497	219,019,675
2017	162,457,694	42,716,572	205,174,266	7,033,172	10,212	7,043,384	169,490,866	42,726,784	212,217,650
2018	164,255,810	44,094,640	208,350,450	7,478,049	7,570	7,485,619	171,733,859	44,102,210	215,836,069
2019	152,901,017	42,361,291	195,262,307	5,455,894	18	5,455,912	158,356,911	42,361,308	200,718,219
2020	147,312,751	41,832,566	189,145,317	2,898,208	10,890	2,909,098	150,210,959	41,843,456	192,054,415
2021	159,667,094	45,216,945	204,884,039	1,945,704	(10,890)	1,934,815	161,612,798	45,206,055	206,818,853
2022	164,952,141	47,626,613	212,578,754	2,526,959	1,565	2,528,524	167,479,100	47,628,178	215,107,278
2023	159,826,369	49,527,649	209,354,018	3,347,431	(1,565)	3,345,865	163,173,800	49,526,083	212,699,883