

DARTMOUTH

Office of Sponsored Projects Fiscal Year 2021 Annual Report

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Executive Summary

Awards

During fiscal year 2021, awards received by Dartmouth College totaled \$222,770,534, an increase of 8.68% (includes financial aid and CARES amount) over awards received during fiscal year 2020. For the fourth year in a row, Arts & Sciences award dollars received increased by 14% or more, this year increasing from \$37,226,921 in FY20 to \$42,264,634. Awards in the Geisel School of Medicine totaled \$88,276,878, a decrease of 6% from FY20. This decrease is attributed to cyclical ups and downs. Thayer School saw an increase of 19% in award dollars granted in FY21.

Dartmouth 5 Year History

Figure 1

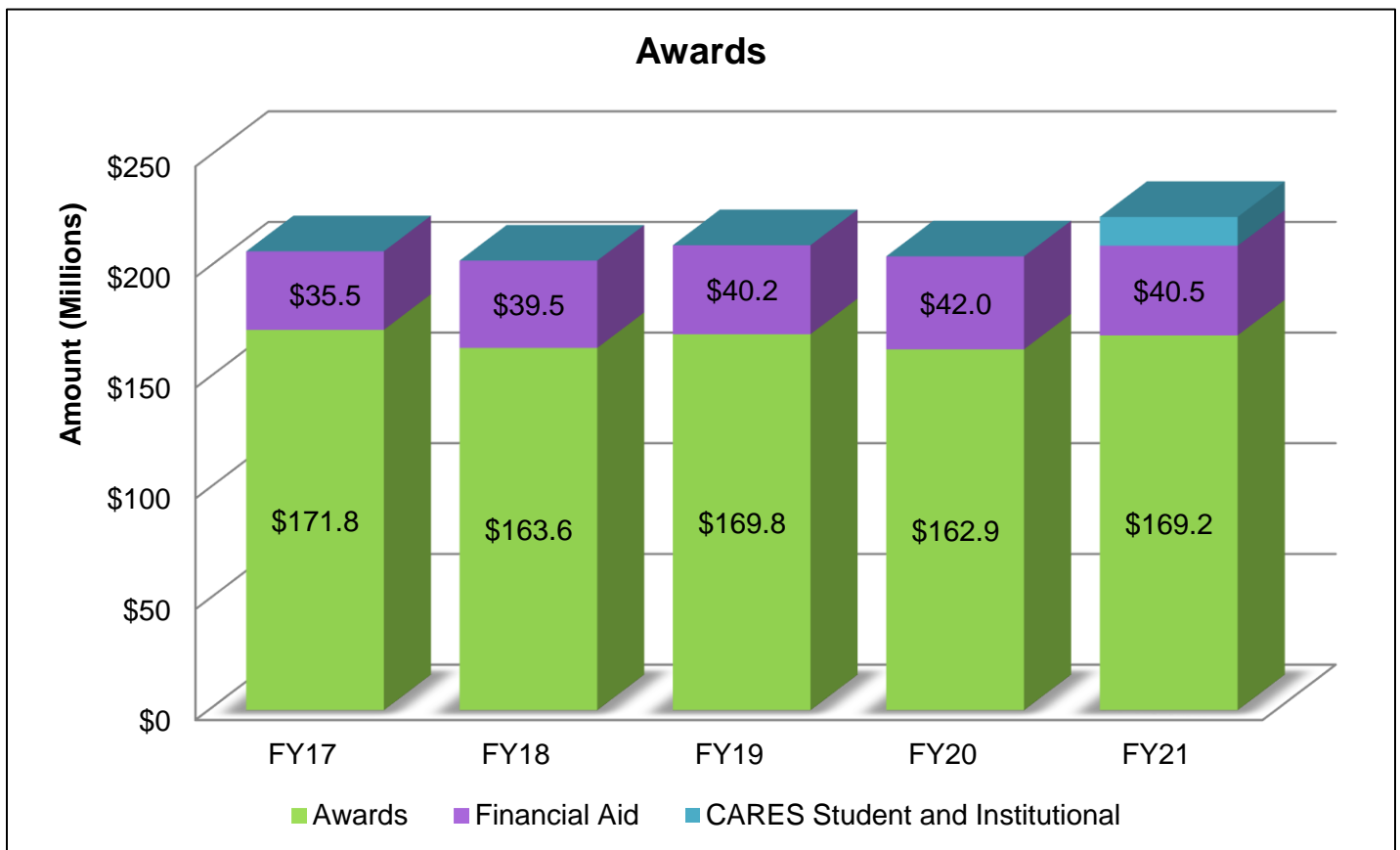


Table 1

	FY17	FY18	FY19	FY20	FY21
Awards	\$207,251,765	\$203,043,519	\$210,024,137	\$204,969,621	\$222,770,534
Expenses	\$205,174,266	\$208,315,519	\$195,262,325	\$189,145,317	\$204,884,039
Proposals	\$873,157,571	\$812,961,475	\$798,443,468	\$794,204,478	\$774,237,500

Non-Financial Aid Award Amounts

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

Figure 2

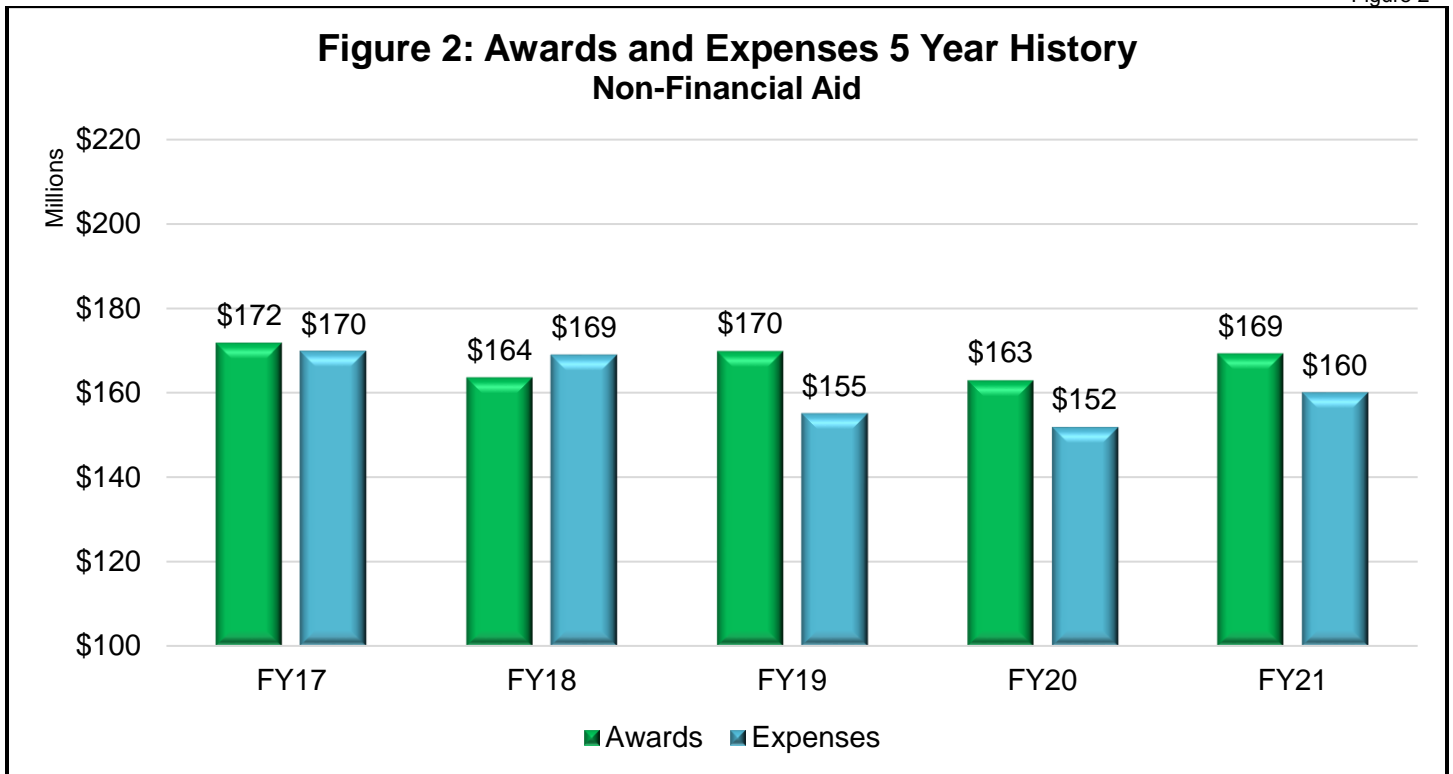
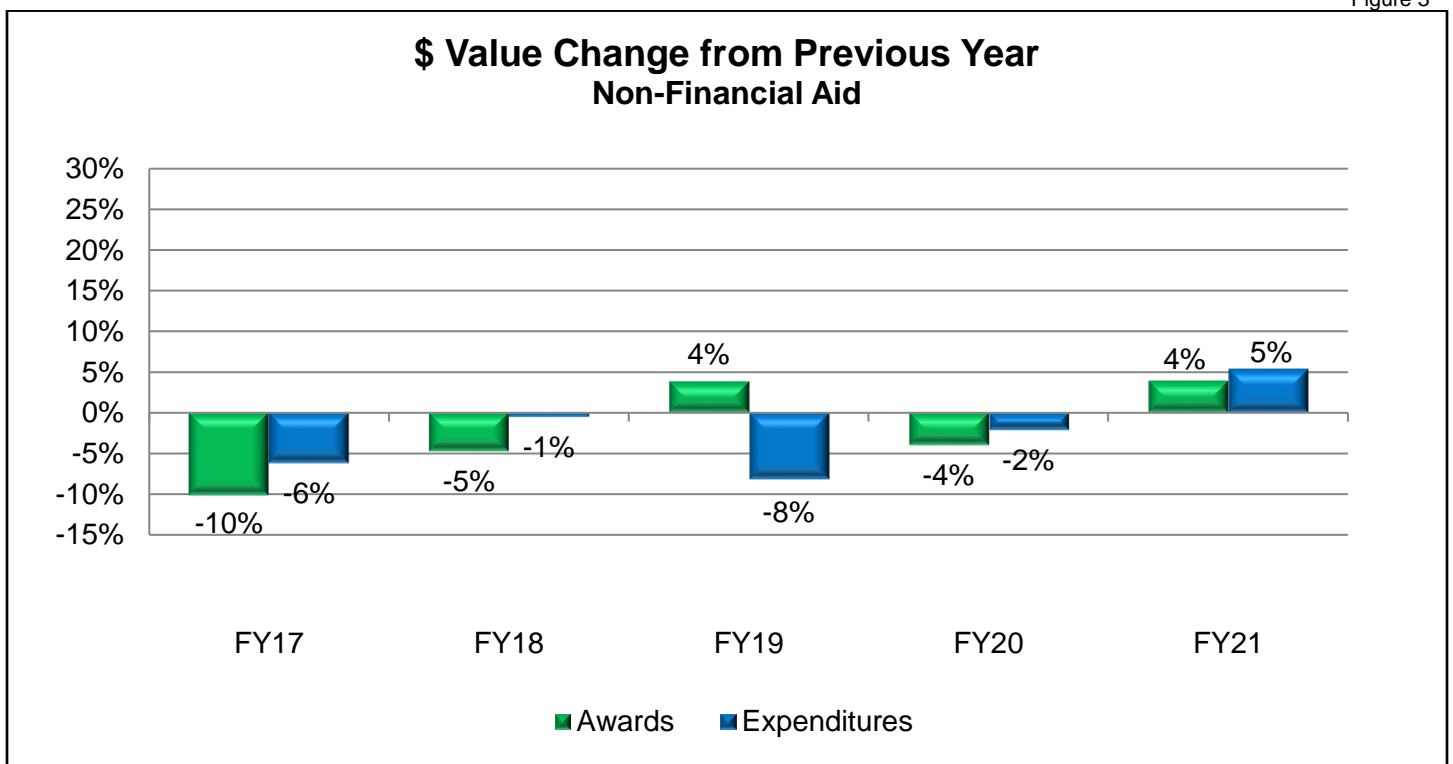


Figure 3 illustrates the relative changes in award and expenditure levels over the previous five years (CARES and Financial Aid excluded).

Figure 3



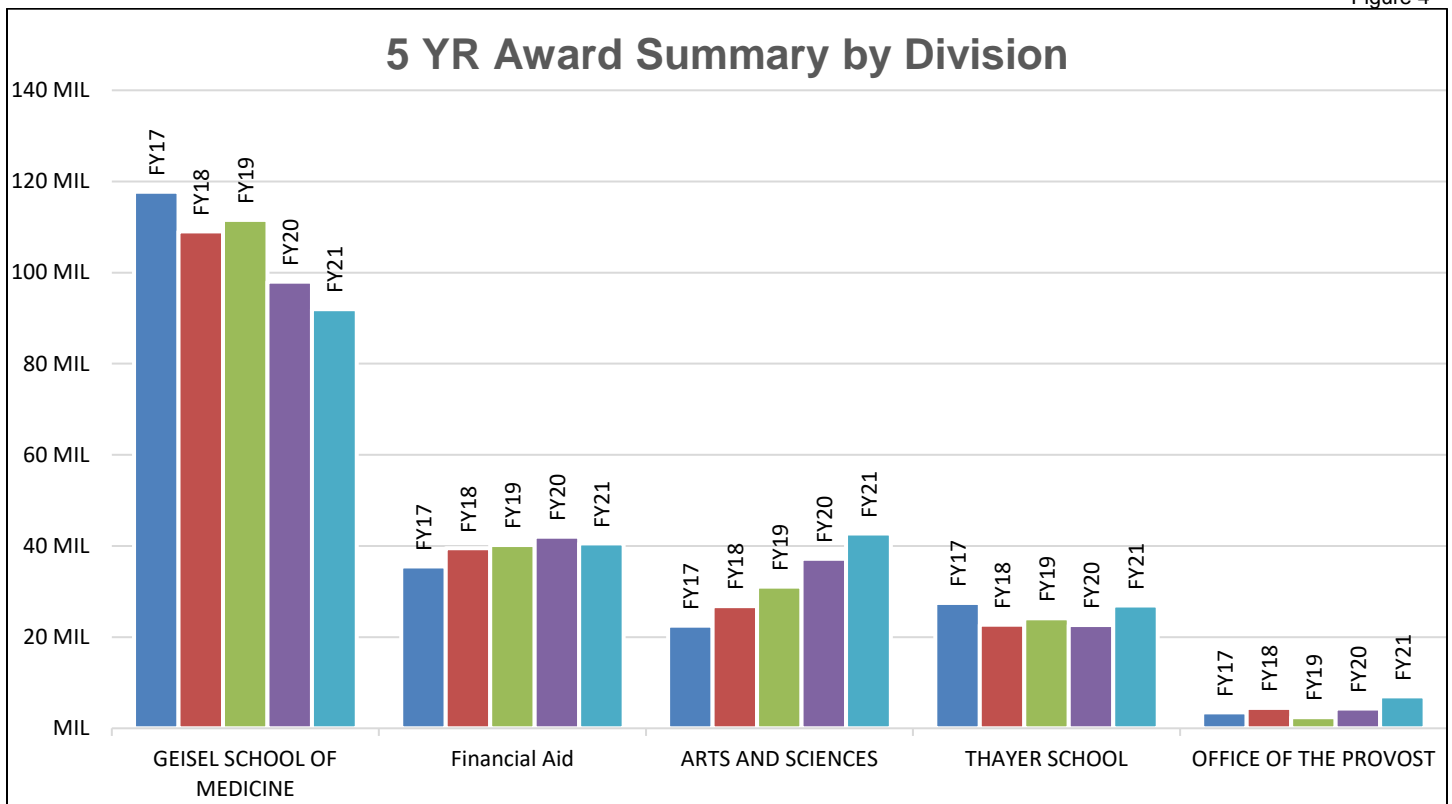
Awards by Division

Dartmouth College received 642 awards totaling \$218,538,793 in fiscal year 2021.

Table 2

Division	FY17	FY18	FY19	FY20	FY21
ARTS AND SCIENCES	\$22,535,184	\$26,824,539	\$31,088,027	\$37,226,921	\$42,737,824
CAMPUS SERVICES	\$95,441	\$70,352	\$0	\$30,891	\$76,761
Fin Aid UG	\$35,496,640	\$39,482,527	\$40,248,380	\$42,035,948	\$40,530,020
CARES Student & Institutional	\$0	\$0	\$0	\$0	\$13,000,036
GEISEL SCHOOL OF MEDICINE	\$117,728,320	\$109,025,667	\$111,578,792	\$98,893,671	\$91,983,979
OFFICE OF THE PROVOST	\$3,510,838	\$4,471,301	\$2,469,304	\$4,349,327	\$7,025,580
GUARINI GRAD & ADV STUDIES	\$373,000	\$373,000	\$368,000	\$368,000	\$405,167
THAYER SCHOOL	\$27,509,842	\$22,728,379	\$24,156,002	\$22,689,010	\$26,945,898
TUCK SCHOOL	\$2,500	\$67,754	\$115,632	\$274,332	\$65,269
TOTAL COLLEGE	\$207,251,765	\$203,043,519	\$210,024,137	\$205,868,100	\$222,770,534

Figure 4



Number of Awards

Figure 5a

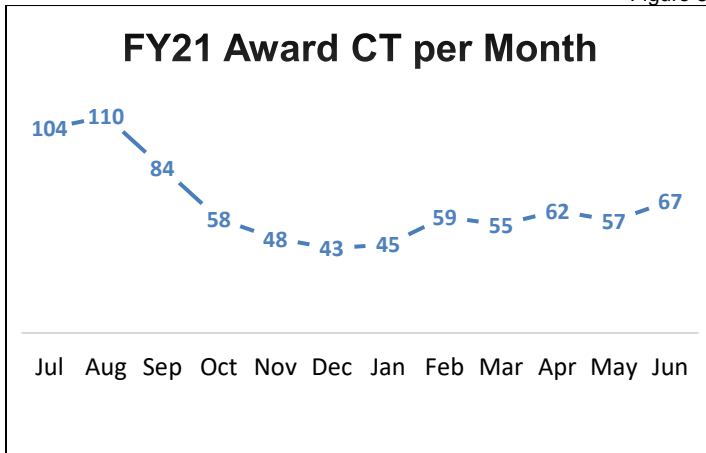
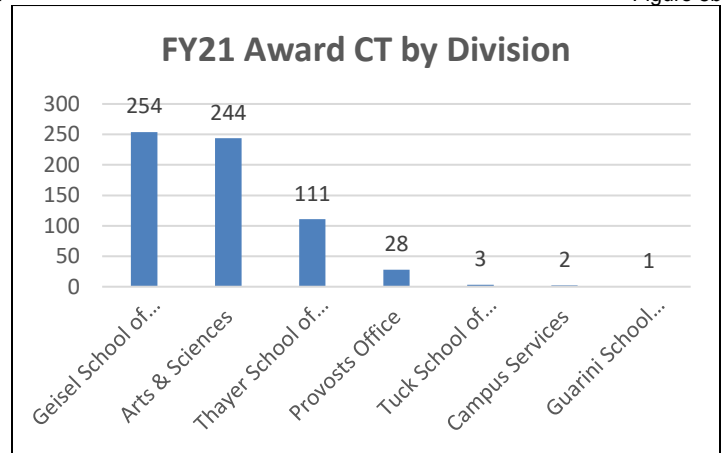


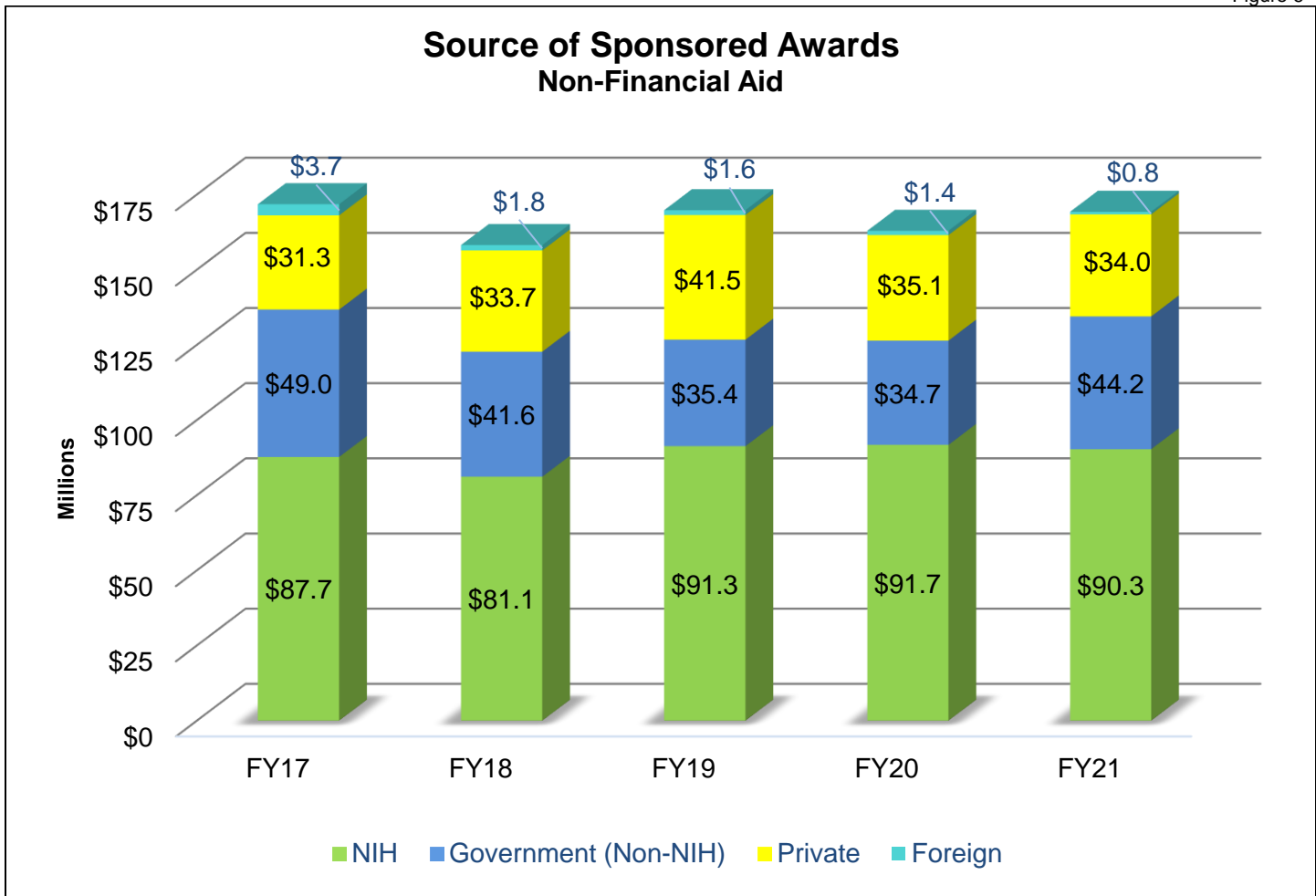
Figure 5b



Award Funding Sources

As Figure 6 illustrates, Dartmouth College relies heavily upon government sponsored research. In FY 2021, government awards totaled \$134,443,772 (81% of total), compared to \$33,956,884 (19% of total) in private funding and \$840,050 (.5% of total) in foreign funding. Government awards increased 3%, compared with 2019. Private awards decreased by 3% over FY19 totals.

Figure 6



Our top five NIH institution sponsors remain the same (in the same order) from FY20.

Figure 7a

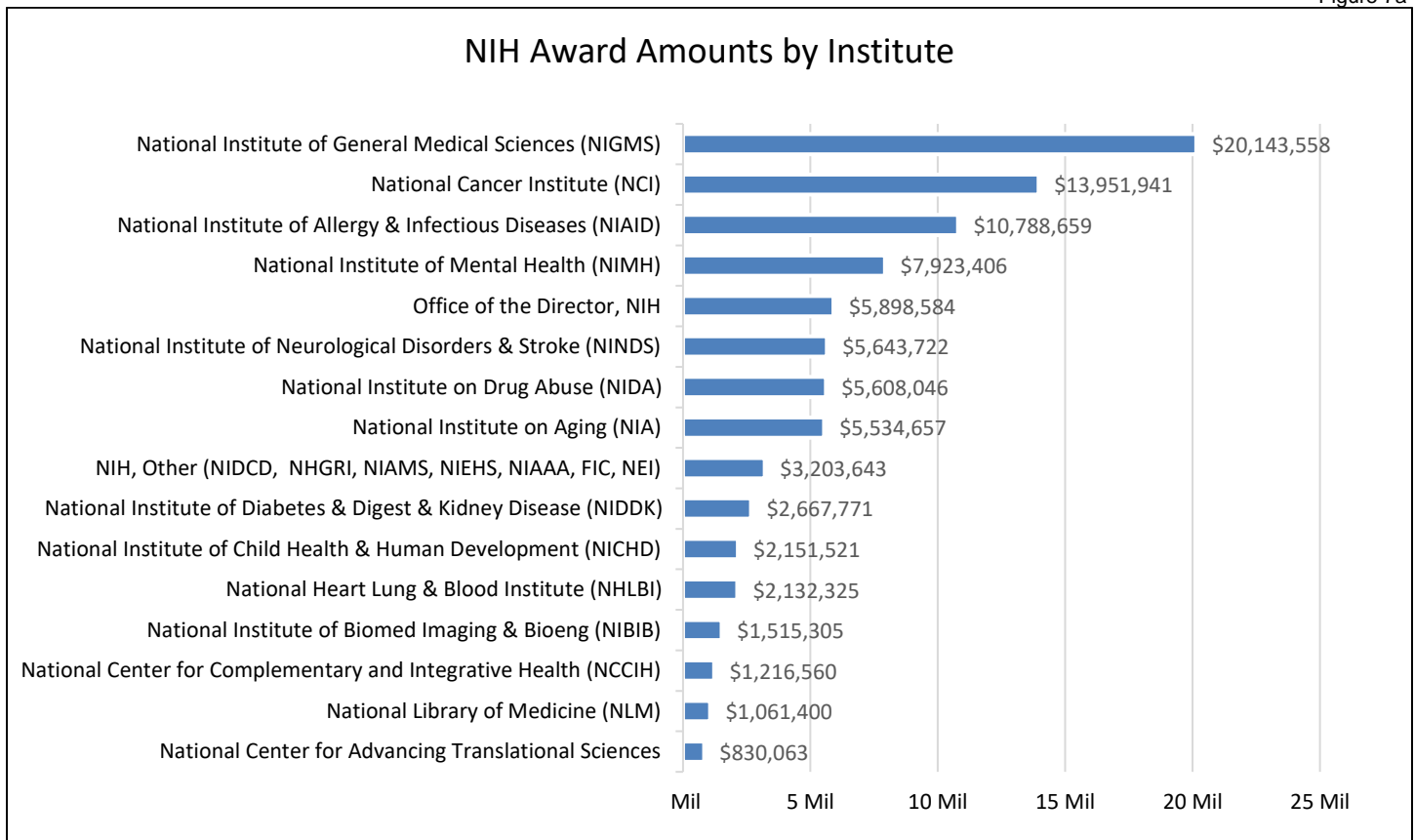
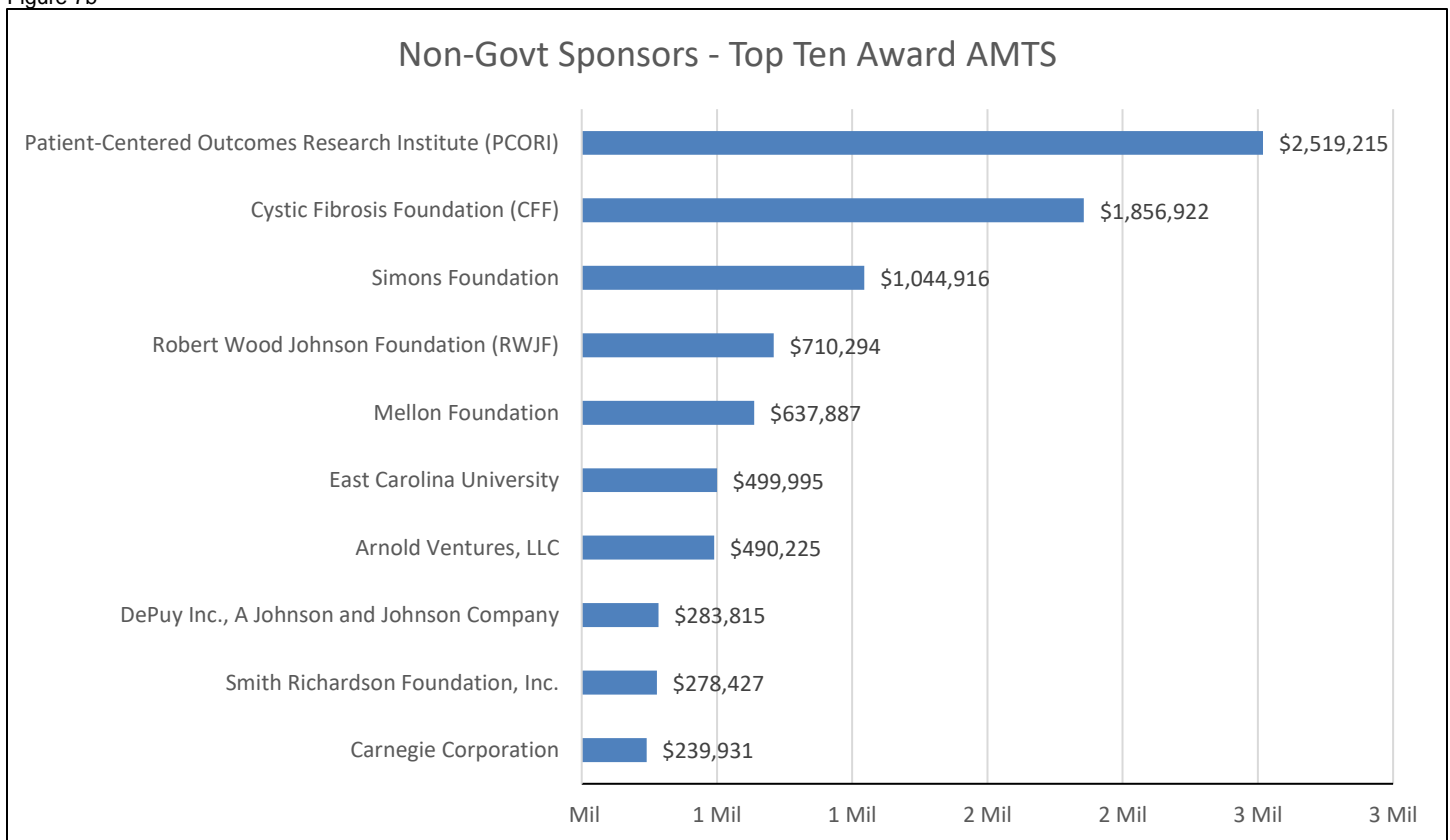


Figure 7b

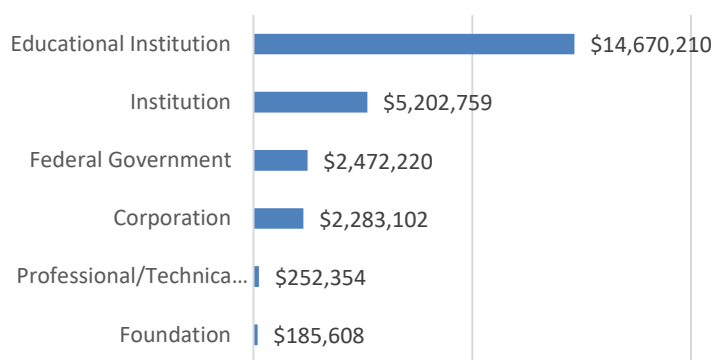


Subawards

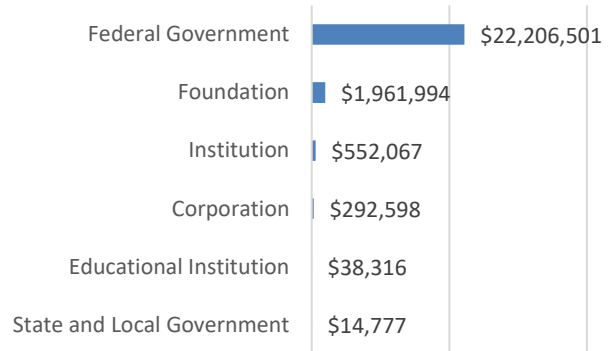
Summary						
	FY19	FY19 % of Total	FY20	FY20% of Total	FY21	FY21 % of Total
Subcontracts to Dartmouth	\$22,435,357	13%	\$23,732,489	14%	\$24,756,062	15%
Subawards from Dartmouth	\$18,686,874	12%	\$12,222,983	8%	\$18,245,759	11%

Subawards to Dartmouth

By Sponsor Type

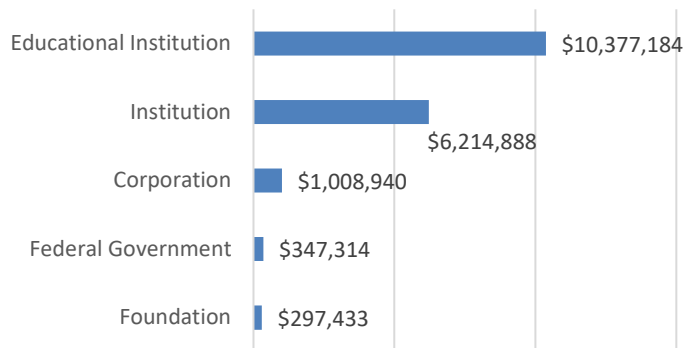


Prime Source of Funds

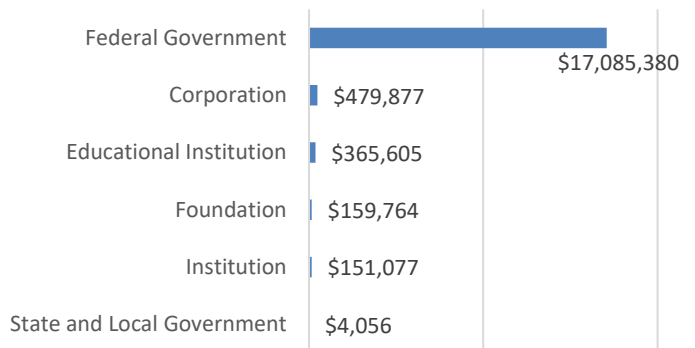


Subawards From Dartmouth

Subrecipient Type



Prime Source of Funds



Proposals

Dartmouth College faculty and staff submitted 920 proposals totaling \$719,907,561 during fiscal year 2021. There was a 4% decrease in the value of proposals submitted and a 6% increase in the number of proposals submitted compared with FY20. The sponsor types that saw the greatest increases in funding proposal submissions were **Foundations** (18% increase) and **Institutions** (12% increase). Submissions to the federal government and to corporations increased by 3% each.

Total College 5 YR History

Figure 8

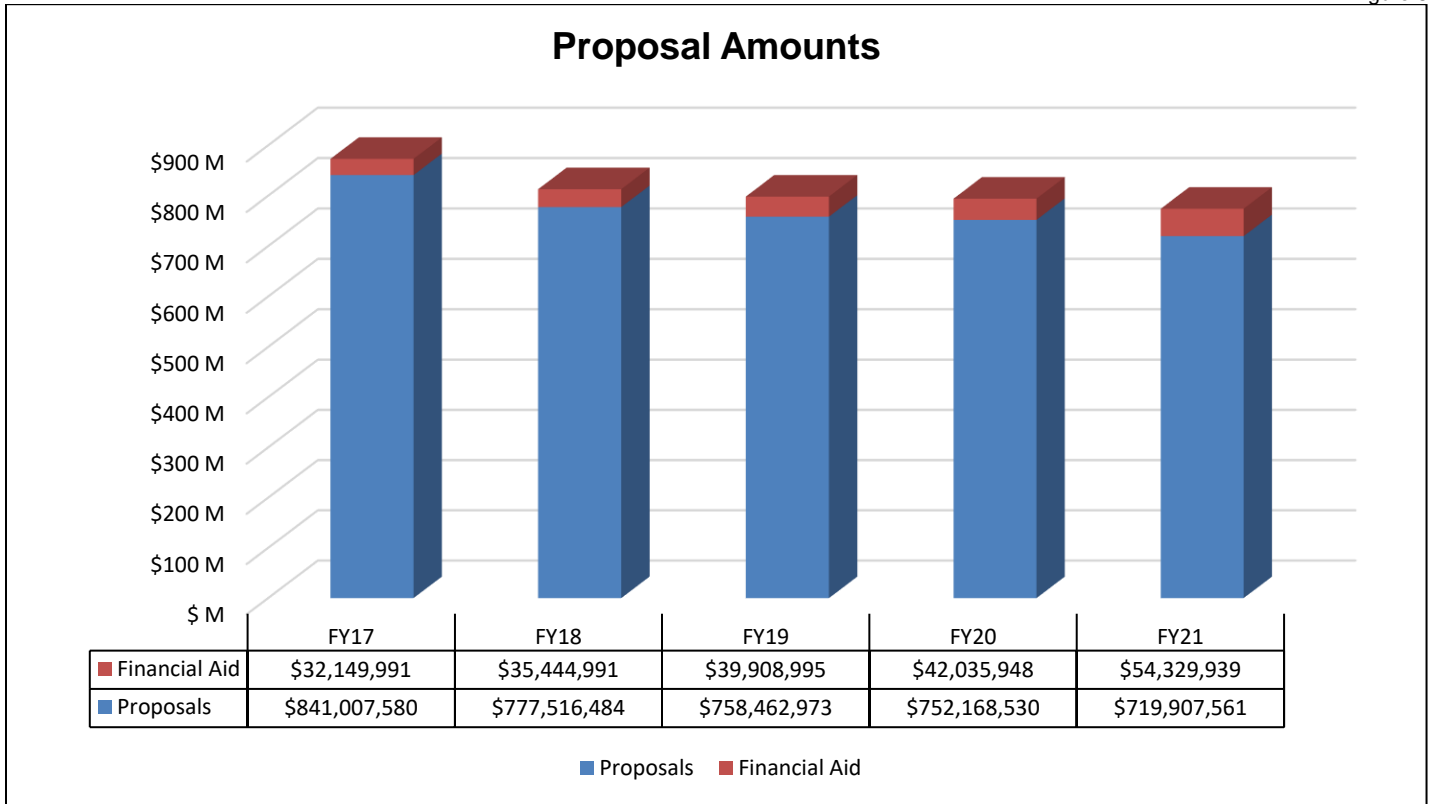


Figure 9

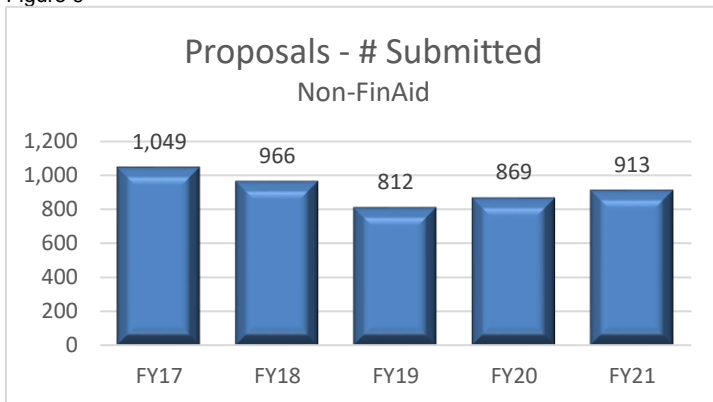
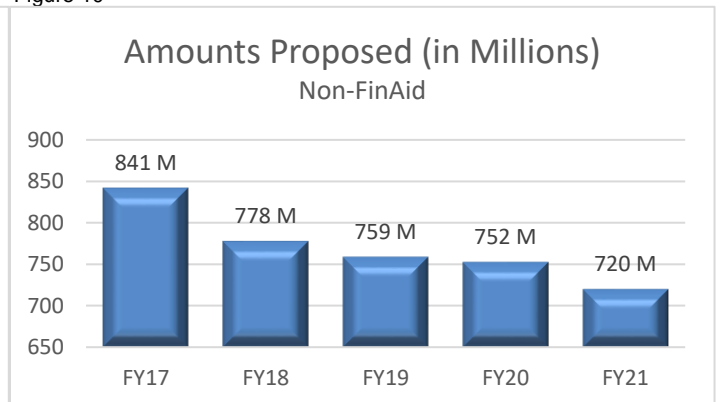


Figure 10



Proposals by Division

Proposal growth from year to year can be skewed by one or two unusually large proposals. For example, a proposal from Arts and Sciences to the MacArthur Foundation for \$100 million was submitted in FY20 and a proposal from Geisel School of Medicine to the NIDH for \$110 million was submitted in FY19.

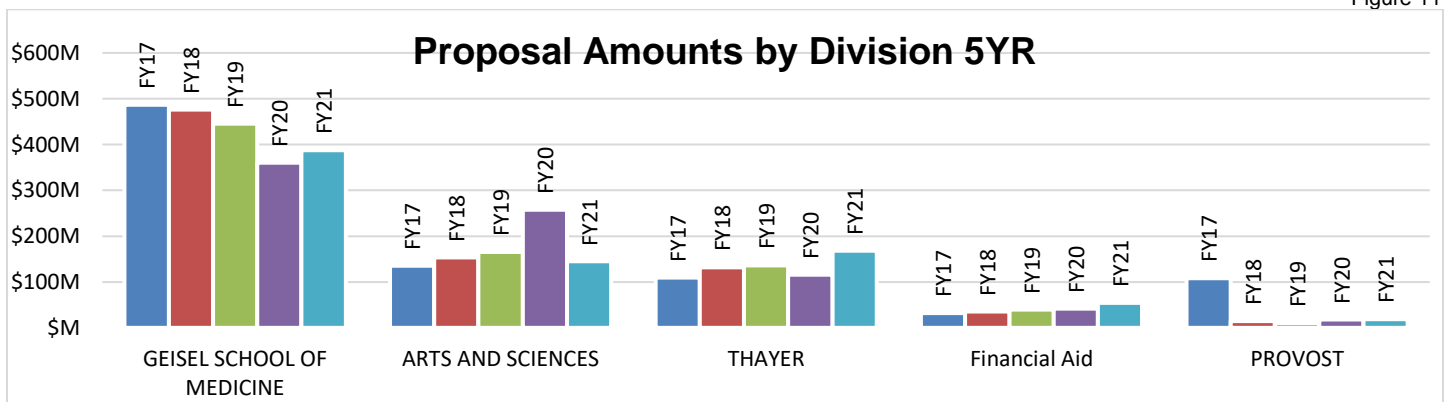
Geisel School of Medicine implemented a plan to reorganize programs which resulted in the transition of clinical research programs to Dartmouth Hitchcock. The transition had significant impact on both proposal and award volume from FY18 through FY21, tapering off mid-year, FY21.

Table 4

Division	FY17	FY18	FY19	FY20	FY21
ARTS AND SCIENCES	\$135,352,964	\$153,616,078	\$165,304,778	*\$257,819,969	\$144,911,795
CAMPUS SERVICES	\$158,802	\$152,842	\$71,500	\$57,990	\$0
FINANCIAL AID	\$32,149,991	\$35,444,991	\$39,908,995	\$42,035,948	\$48,314,578
GEISEL SCHOOL OF MEDICINE	\$486,836,225	\$476,130,798	\$445,696,818	\$360,139,602	\$387,651,365
OFFICE OF THE PROVOST	\$108,519,096	\$14,382,921	\$10,165,131	\$17,978,500	\$19,050,611
GUARINI SCHOOL	\$0	\$368,000	\$0	\$0	\$0
THAYER SCHOOL	\$109,536,209	\$132,295,620	\$136,444,848	\$115,906,721	\$168,297,548
TUCK SCHOOL	\$604,284	\$570,225	\$851,398	\$265,748	\$5,000
TOTAL COLLEGE	\$873,157,571	\$812,961,475	\$798,443,468	\$794,204,478	\$768,230,897

*100M FP Submitted in FY20

Figure 11



Number of Proposals

Table 5

Division	FY17	FY18	FY19	FY20	FY21
GEISEL SCHOOL OF MEDICINE	570	490	340	376	391
ARTS AND SCIENCES	285	282	265	287	294
THAYER SCHOOL	159	167	183	181	207
PROVOST	30	31	17	23	20
FINANCIAL AID	4	7	4	5	7
TUCK SCHOOL	3	4	6	1	1
CAMPUS SERVICES	2	1	1	1	0
TOTAL COLLEGE	1,053	982	816	874	920

Figure 12

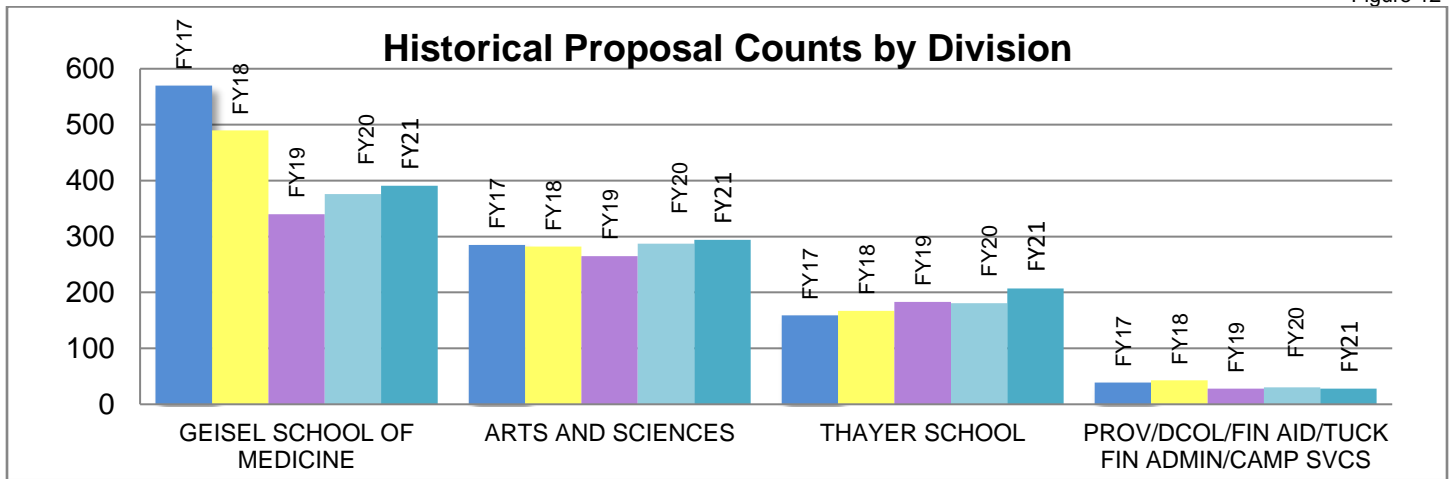


Figure 13a

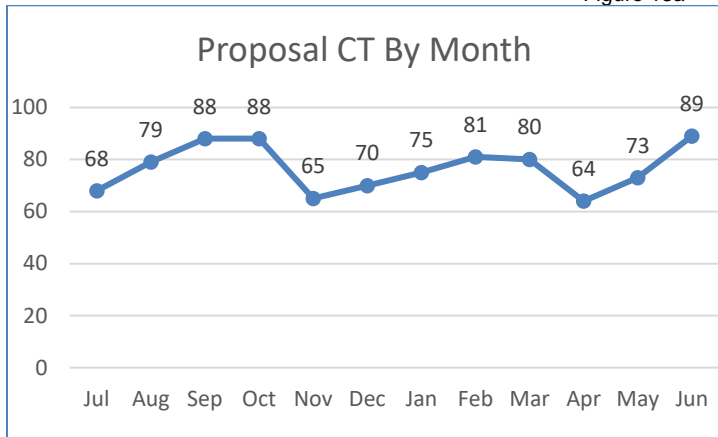
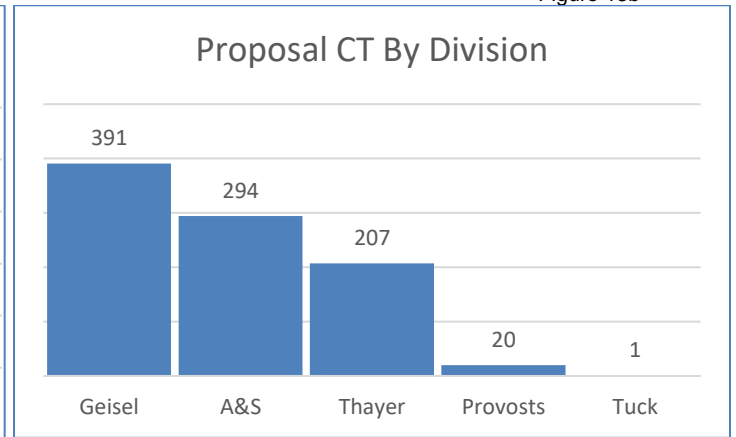


Figure 13b



Proposal Funding Sources

Table 6

Division	NIH	Institution	Govt, Non-NIH	Foundation	Corp	Grand Total
GEISEL	\$296,873,566	\$69,360,000	\$7,581,816	\$10,258,541	\$3,577,442	\$387,651,365
A&S	\$39,414,881	\$35,966,662	\$59,403,930	\$9,728,962	\$397,360	\$144,911,795
THAYER	\$78,458,253	\$22,700,433	\$57,477,748	\$4,654,802	\$5,006,312	\$168,297,548
FINANCIAL AID		\$54,329,939				\$54,329,939
PROVOST	\$8,000,000	\$10,866,575	\$48,000	\$100,535	\$35,501	\$19,050,611
TUCK		\$5,000				\$5,000
Grand Total	\$422,746,700	\$178,841,433	\$138,889,912	\$24,742,840	\$9,016,615	\$774,237,500

Figure 14

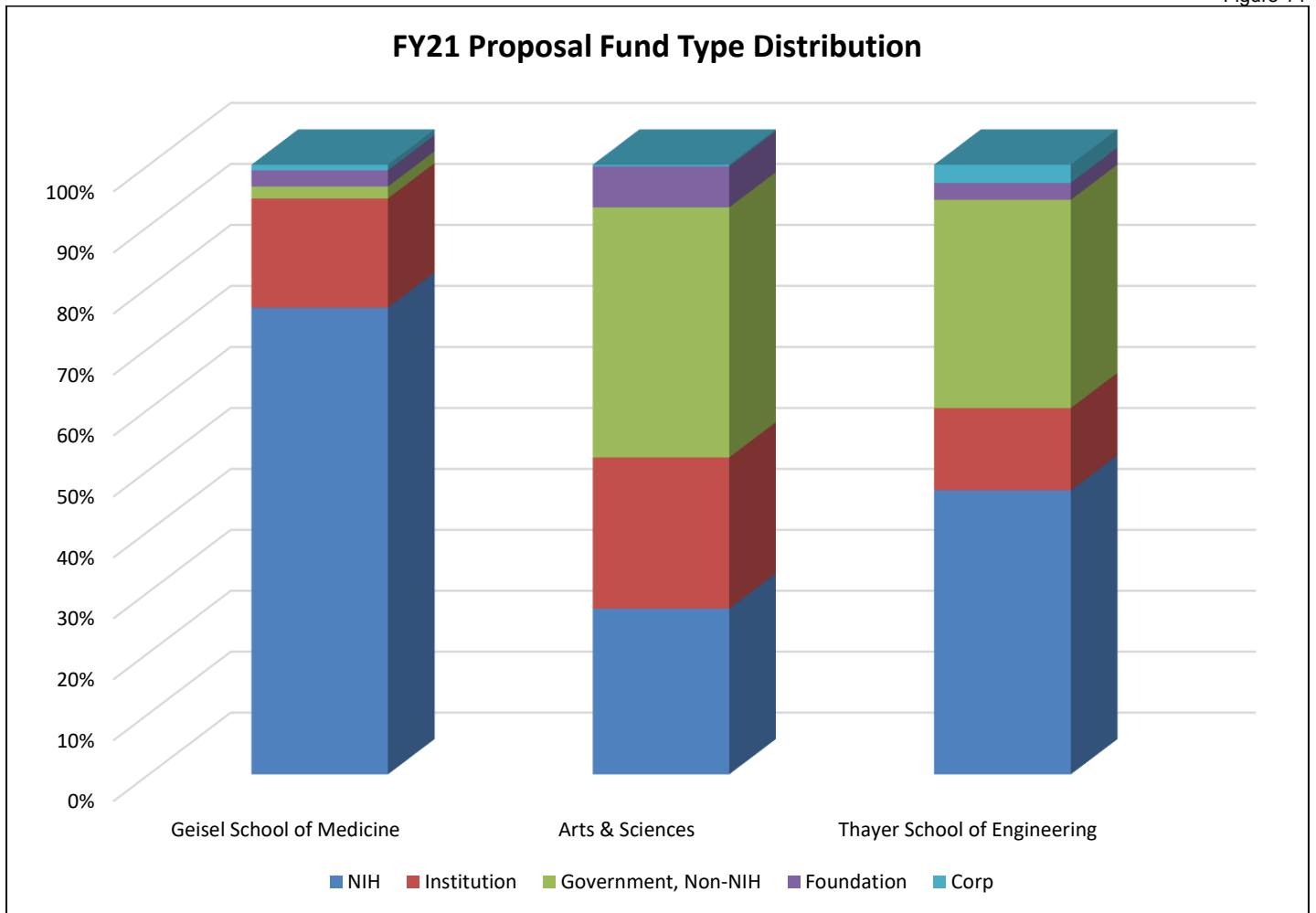


Figure 15

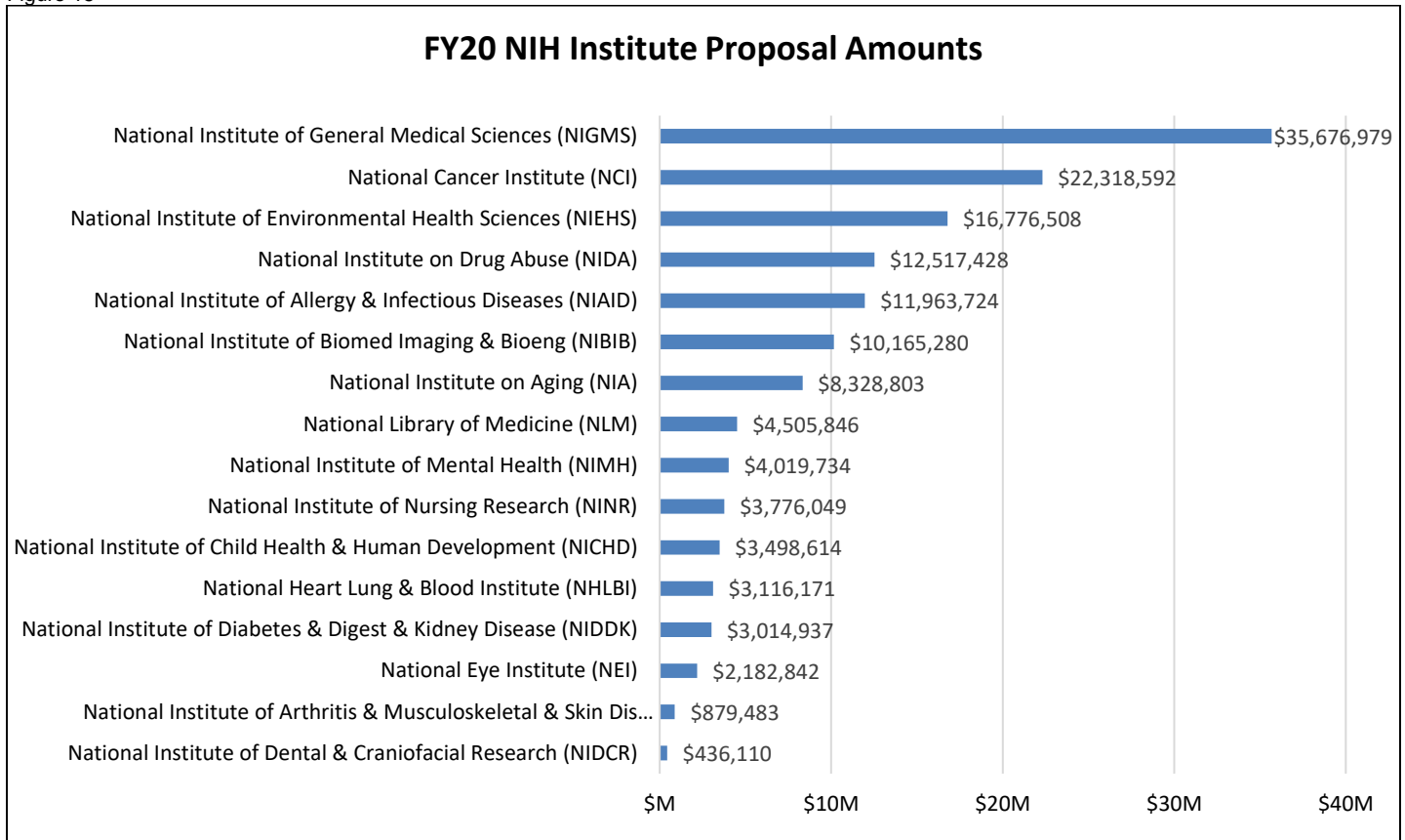
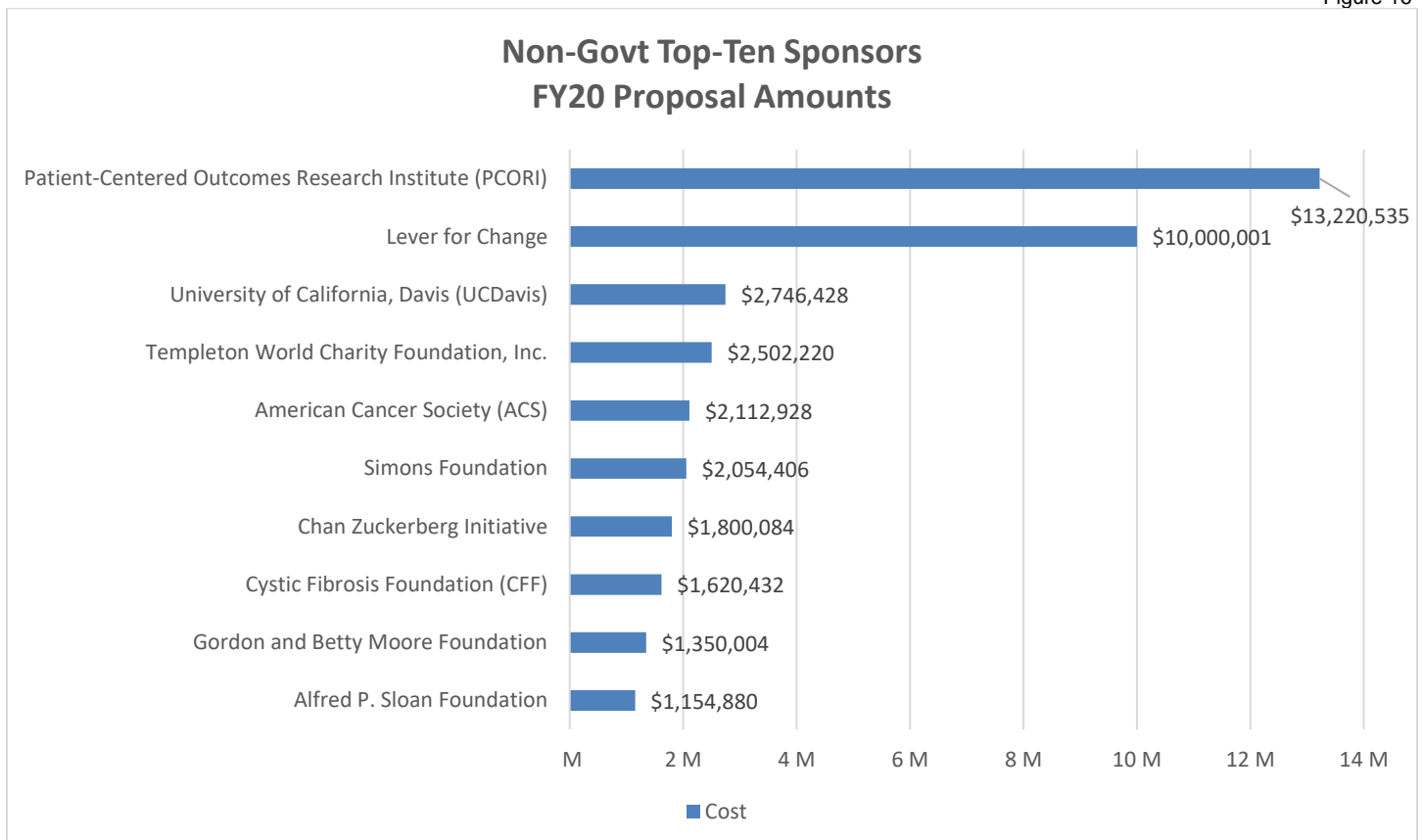


Figure 16



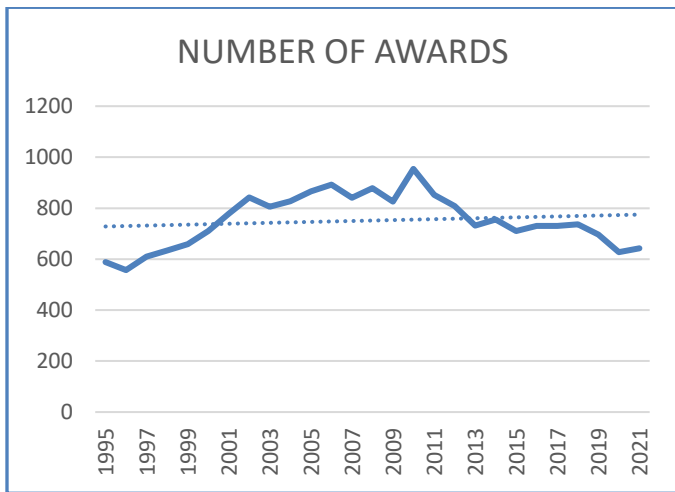
Historical Award and Proposal Data

Table 7

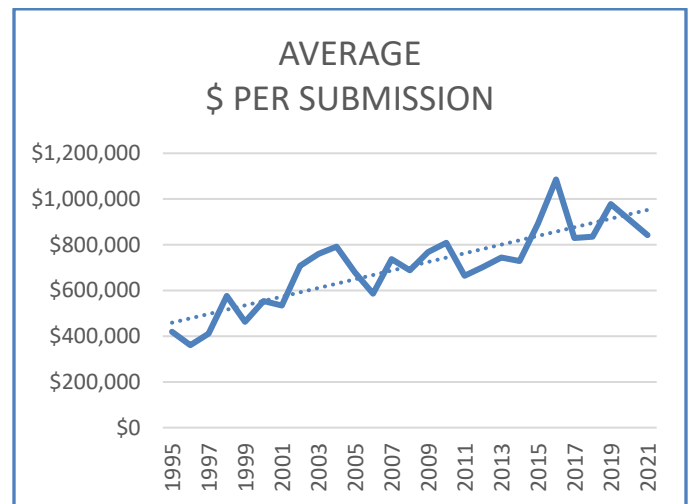
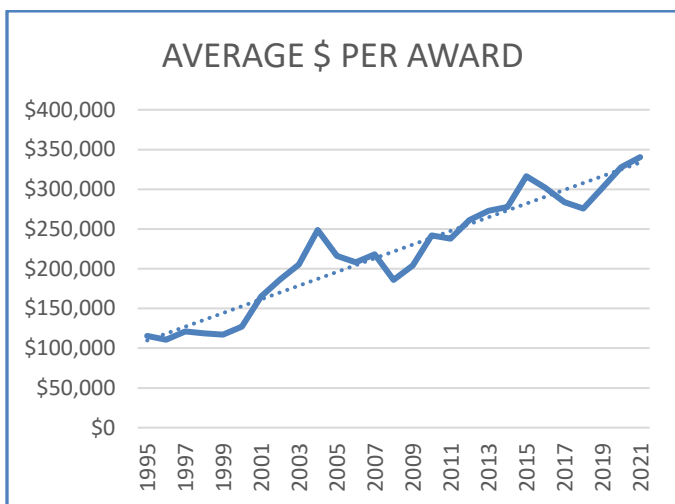
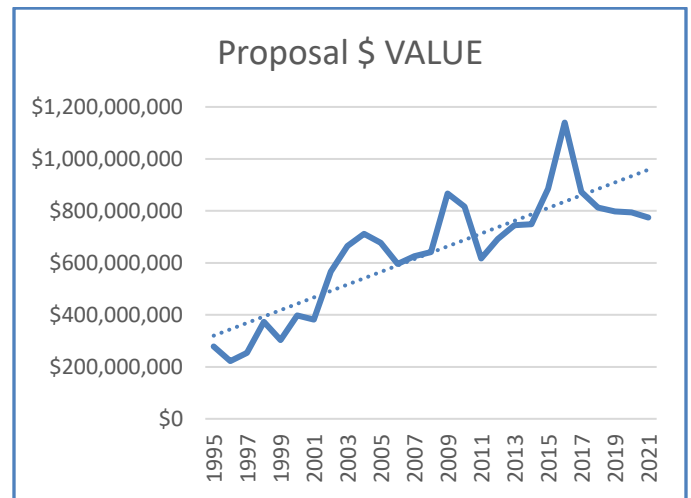
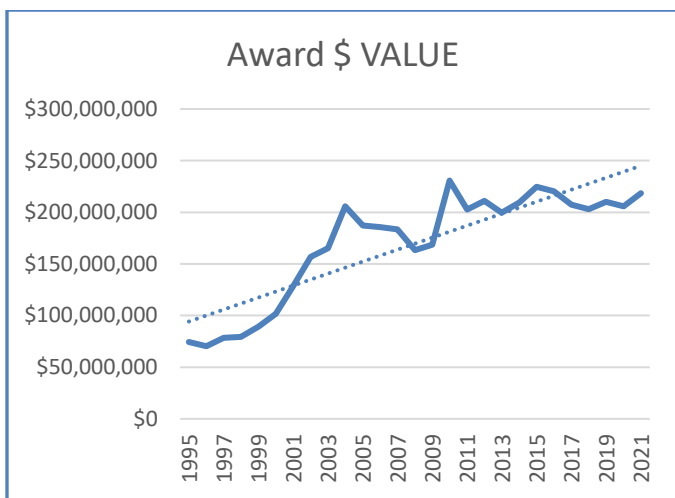
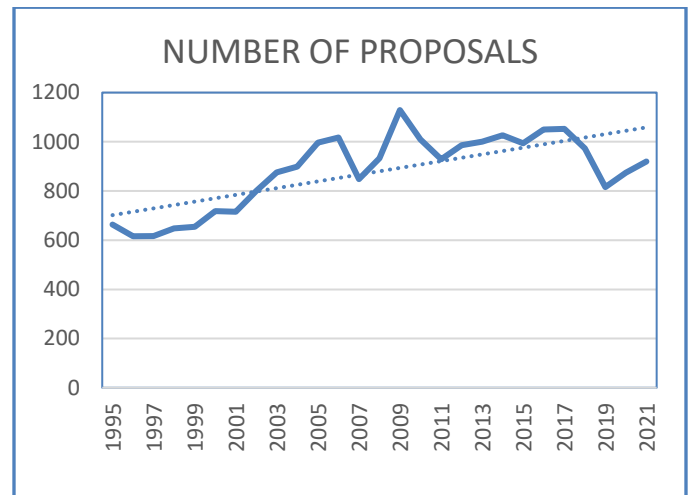
FISCAL YEAR	NUMBER OF AWARDS	\$ VALUE	AVERAGE \$ PER AWARD	NUMBER OF PROPOSALS	\$ VALUE	AVERAGE \$ PER SUBMISSION
1995	589	\$74,398,404	\$115,525	663	\$278,381,853	\$419,882
1996	557	\$70,317,683	\$110,659	616	\$222,160,564	\$360,650
1997	610	\$78,371,592	\$120,944	617	\$253,407,620	\$410,709
1998	634	\$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	\$205,868,100	\$327,815	874	\$794,204,478	\$908,701
2021	649	\$222,770,534	\$340,403	920	\$774,237,500	\$841,563

Historical Counts and Amounts Visual

Awards



Proposals



Agency Sponsored Expenses

Agency sponsored expenditures in fiscal year 2021 totaled \$204,884,039, an increase of 8% from FY2020. Excluding financial aid, direct expenses were \$114,736,777 (72%) and indirect expenses were \$45,216,945 (28%) in 2021.

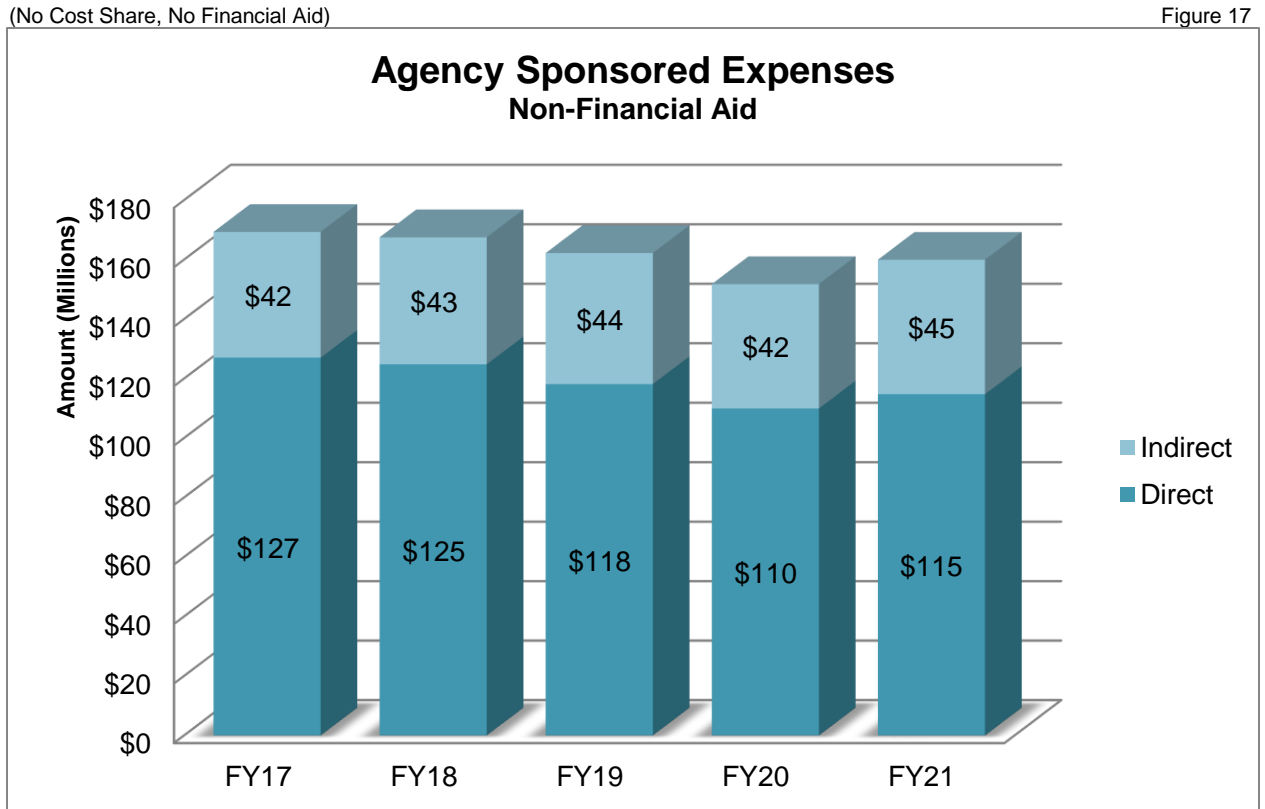
Total College 5 YR History

(No Cost Share) Table 8

Total Agency Sponsored Expenses				
FY17	FY18	FY19	FY20	FY21
205,174,266	208,315,520	195,262,325	189,145,317	204,884,039

(No Cost Share, No Financial Aid) Table 9

Total Agency Sponsored Expenses (Non-Fin Aid)					
	Direct	Direct %	Indirect	Indirect %	Total
FY17	\$127,027,497	75.03%	\$42,282,022	24.97%	\$169,309,519
FY18	\$124,786,325	74.50%	\$42,716,572	25.50%	\$167,502,897
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



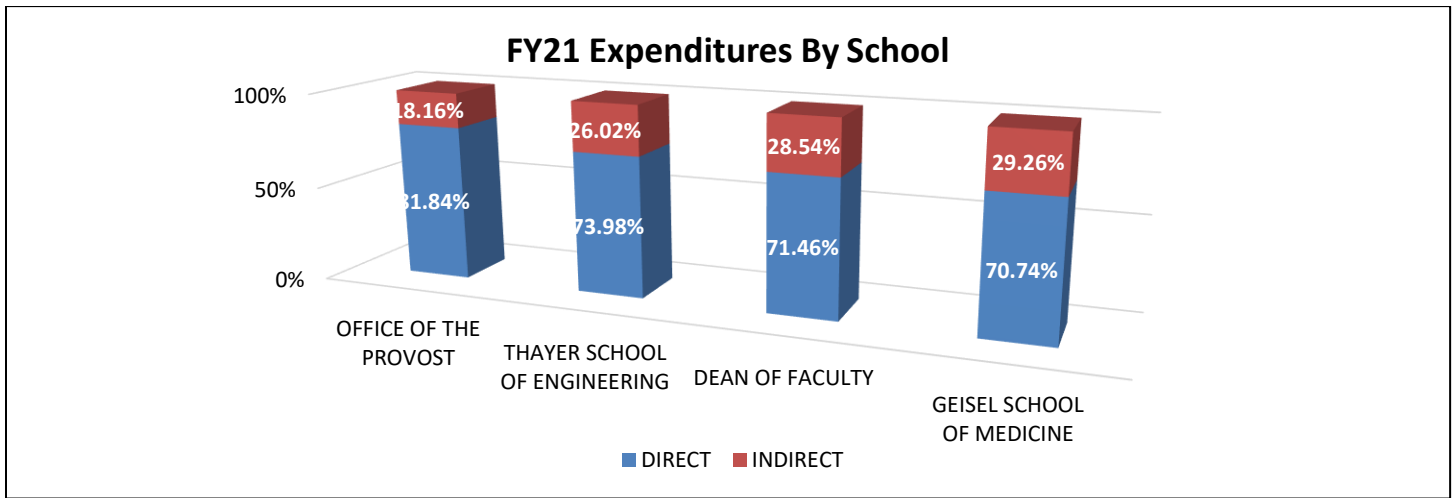
Expenditures by Division

No Cost Share

Table 10

Division	Direct	%	Indirect	%	Total
GEISEL SCHOOL OF MEDICINE	\$66,494,676	70.74%	\$27,505,753	29.26%	\$94,000,430
FINANCIAL AID	\$44,930,316	100.00%		0.00%	\$44,930,316
DEAN OF FACULTY	\$25,797,042	71.46%	\$10,302,391	28.54%	\$36,099,433
THAYER SCHOOL OF ENGINEERING	\$19,392,141	73.98%	\$6,819,485	26.02%	\$26,211,626
OFFICE OF THE PROVOST	\$2,541,141	81.84%	\$563,948	18.16%	\$3,105,089
GUARINI SCHOOL GRAD AND ADV STUDIES	\$416,193	100.00%		0.00%	\$416,193
TUCK SCHOOL OF BUSINESS	\$39,854	61.10%	\$25,368	38.90%	\$65,222
CAMPUS SERVICES	\$55,729	100.00%		0.00%	\$55,729
Grand Total	\$159,667,094	77.93%	\$45,216,945	22.07%	\$204,884,039

Figure 18

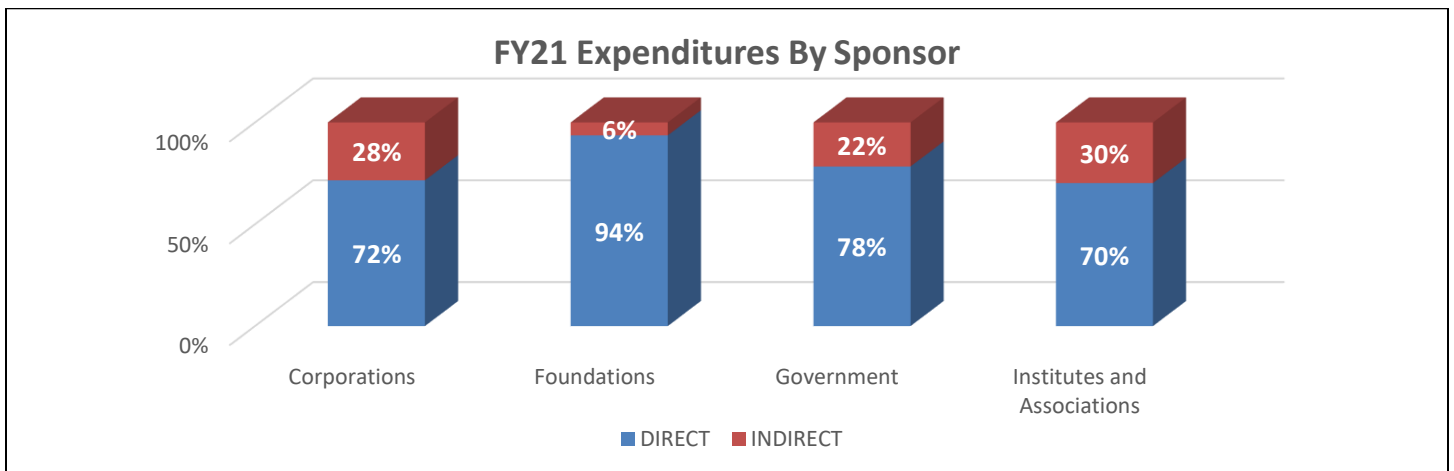


Expenditures by Sponsor (Financial Aid Included)

Table 11

Sponsor Type	DIRECT	%	INDIRECT	%	Grand Total
Corporations	\$2,599,136	72%	\$1,030,589	28%	\$3,629,724
Foundations	\$7,646,405	94%	\$516,283	6%	\$8,162,687
Government	\$132,689,251	78%	\$36,586,591	22%	\$169,275,842
Institutes and Associations	\$16,732,302	70%	\$7,083,483	30%	\$23,815,785
Grand Total	\$159,667,094	78%	\$45,216,945	22%	\$204,884,039

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									
2014	64,628	-	64,628	-	-	-	64,628	-	64,628
2015	43,483	-	43,483	-	-	-	43,483	-	43,483
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
Dean of College									
2014	9,601	-	9,601	-	-	-	9,601	-	9,601
Arts & Sciences									
2014	18,743,909	6,215,845	24,959,754	466,440	-	466,440	19,210,349	6,215,845	25,426,194
2015	18,620,092	6,218,708	24,838,800	393,448	(11,591)	381,857	19,013,540	6,207,117	25,220,657
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	(0)	693,223	26,490,265	10,302,391	36,792,656
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									
2014	32,012,371	-	32,012,371	1,659,667	-	1,659,667	33,672,038	-	33,672,038
2015	31,139,714	-	31,139,714	1,790,980	-	1,790,980	32,930,694	-	32,930,694
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
Geisel School of Medicine									
2014	104,883,152	31,247,399	136,130,551	2,019,781	32	2,019,812	106,902,933	31,247,430	138,150,363
2015	104,190,733	30,228,937	134,419,670	3,279,941	288	3,280,229	107,470,674	30,229,225	137,699,899
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
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
Office of the Provost									
2014	3,241,808	693,302	3,935,111	1,157,670	-	1,157,670	4,399,478	693,302	5,092,780
2015	3,476,697	651,241	4,127,937	775,645	-	775,645	4,252,341	651,241	4,903,582
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	(0)	107,572	2,648,714	563,948	3,212,661
Thayer School									
2014	10,647,750	4,597,106	15,244,856	332,789	-	332,789	10,980,540	4,597,106	15,577,645
2015	16,352,085	5,097,583	21,449,668	429,558	-	429,558	16,781,643	5,097,583	21,879,226
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	23,907,972
2021	19,392,141	6,819,484	26,211,626	587,872	0	587,872	19,980,014	6,819,484	26,799,498

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
Tuck School									
2014	2,056	-	2,056	92,488	-	92,488	94,544	-	94,544
2015	(808)	-	(808)	96,054	-	96,054	95,245	-	95,245
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
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
Vice Provost Staff									
2016	291	-	291	2,187	-	2,187	2,478	-	2,478
Total College									
2014	169,605,276	42,753,652	212,358,928	5,728,835	32	5,728,867	175,334,111	42,753,684	218,087,795
2015	173,821,995	42,196,468	216,018,463	6,765,625	(11,303)	6,754,323	180,587,620	42,185,166	222,772,786
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

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