

CornellResearch

Research Expenditures

July 1, 2017 – June 30, 2018

Cornell University Research Expenditures

July 1, 2017 - June 30, 2018

Table of Contents

Fiscal Year 2018 Expenditures

Total Research by Principal Investigator's Unit	1
Organized Research by Principal Investigator's Unit	2
Organized Research - Top 10 Departments and Centers & Top 10 Disciplines	3
Organized Research - By Principal Investigator's Unit Campus and Division	4
Departmental Research by Principal Investigator's Unit	5
Sponsored by Principal Investigator's Unit	6
Sponsored - Top 10 Departments and Centers & Top 10 Disciplines	7

Expenditure Trends

Organized Research - 2015 to 2018 - Current Dollars	8
Organized Research - 2015 to 2018 - Constant FY2018 Dollars	9
Federal Sponsored - 2015 to 2018 - Current Dollars	10
Federal Sponsored - 2015 to 2018 - Constant FY2018 Dollars	11
Federal Agency - 2015 to 2018 - Current Dollars	12
Federal Agency - 2015 to 2018 - Constant FY2018 Dollars	13
Non-Federal Sponsored - 2015 to 2018 - Current Dollars	14
Non-Federal Sponsored - 2015 to 2018 - Constant FY2018 Dollars	15
Non-Federal Sponsored - 2015 to 2018 - Current and FY2018 Dollars	16
Research Discipline - 2006 to 2015 - Current and FY2018 Dollars	17
Research Discipline - 2016 to 2018 - Current and FY2018 Dollars	18

Data Tables

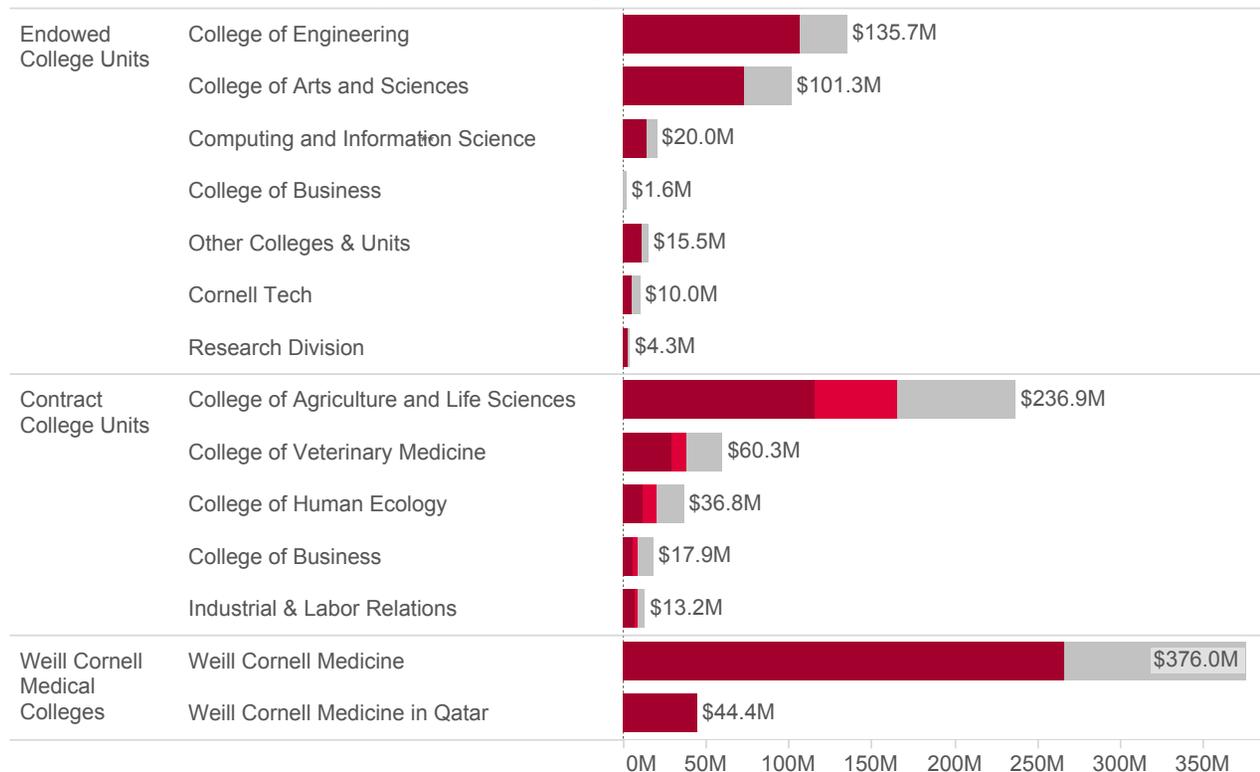
1 - Organized Research Change by Principal Investigator's Division and Funding Type	19
2 - Departmental Research Change by Principal Investigator's Division and Funding Type	20
3 - Total Research Expenditure Change by Principal Investigator's Division and Funding Type	21
4 - Organized Research By Principal Investigator's Unit and Funding Type	22
5 - Departmental Research By Principal Investigator's Unit and Funding Type	23
6 - Total Research Expenditure By Principal Investigator's Unit and Funding Type	24
7 - Organized Research Breakdown By Principal Investigator's Unit and Funding Type	25
8 - Organized Research Change by Federal Agency	26
9 - Organized Research Breakdown By Principal Investigator's Unit and External Non-Federal Funding Source	27
10 - Organized Research Change by Non-Federal Funding Source	28
11 - Departmental Research Change by Non-Federal Funding Source	29
12 - Total Research Expenditure Change by Non-Federal Funding Source	30

Cornell University Research Expenditures

July 1, 2017 to June 30, 2018

Total Research*
\$1,074.0M

Total Research Expenditures by Principal Investigator's Unit



- Sponsored
- State and Federal Appropriations
- Cornell Support ***

* Includes both Organized and Departmental Research.

Organized Research represents the research efforts funded by sponsored programs and federal and NYS appropriations and internal solicitations, including formal cost sharing.

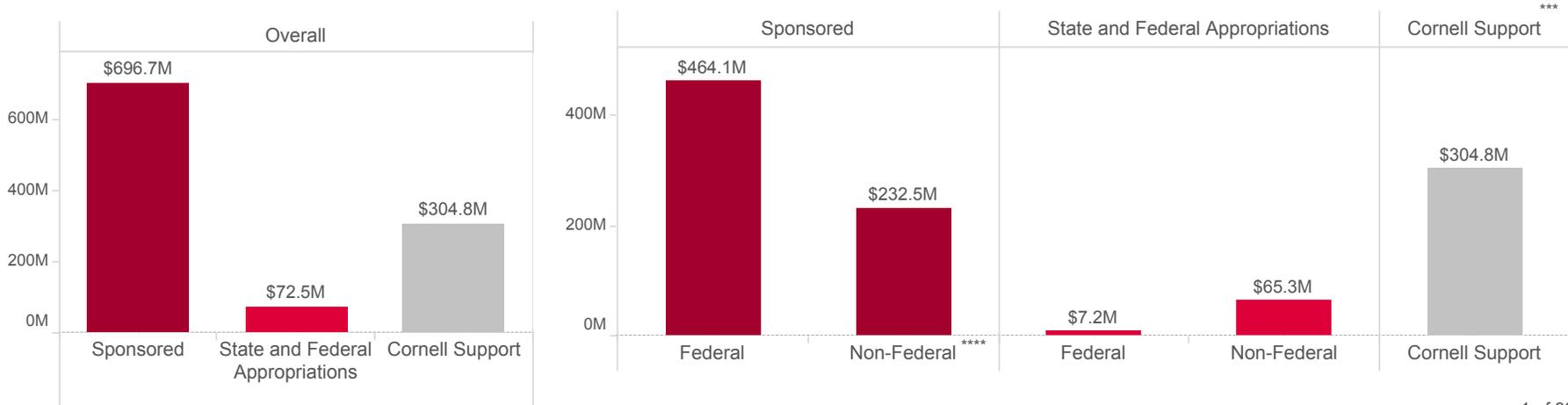
Departmental Research represents the research-related efforts and activities carried out by Cornell faculty, staff, and students that are mainly funded by gifts and departmental and college-level budgets, including start-up and faculty research accounts.

** Includes Graduate School, School of Hotel Administration, Office of the Provost, & others.

*** Consistent with NSF reporting guidelines, University support includes: institutional cost sharing, GRA tuition fellowships, University seed research grants, unrecovered facilities & administrative costs, and organized research allocation of NYS-funded employee benefits.

**** Foundations, Corporations and Trade Associations, State and Local Governments, Non-Profits and Others.

Total Research Expenditures by Funding Source

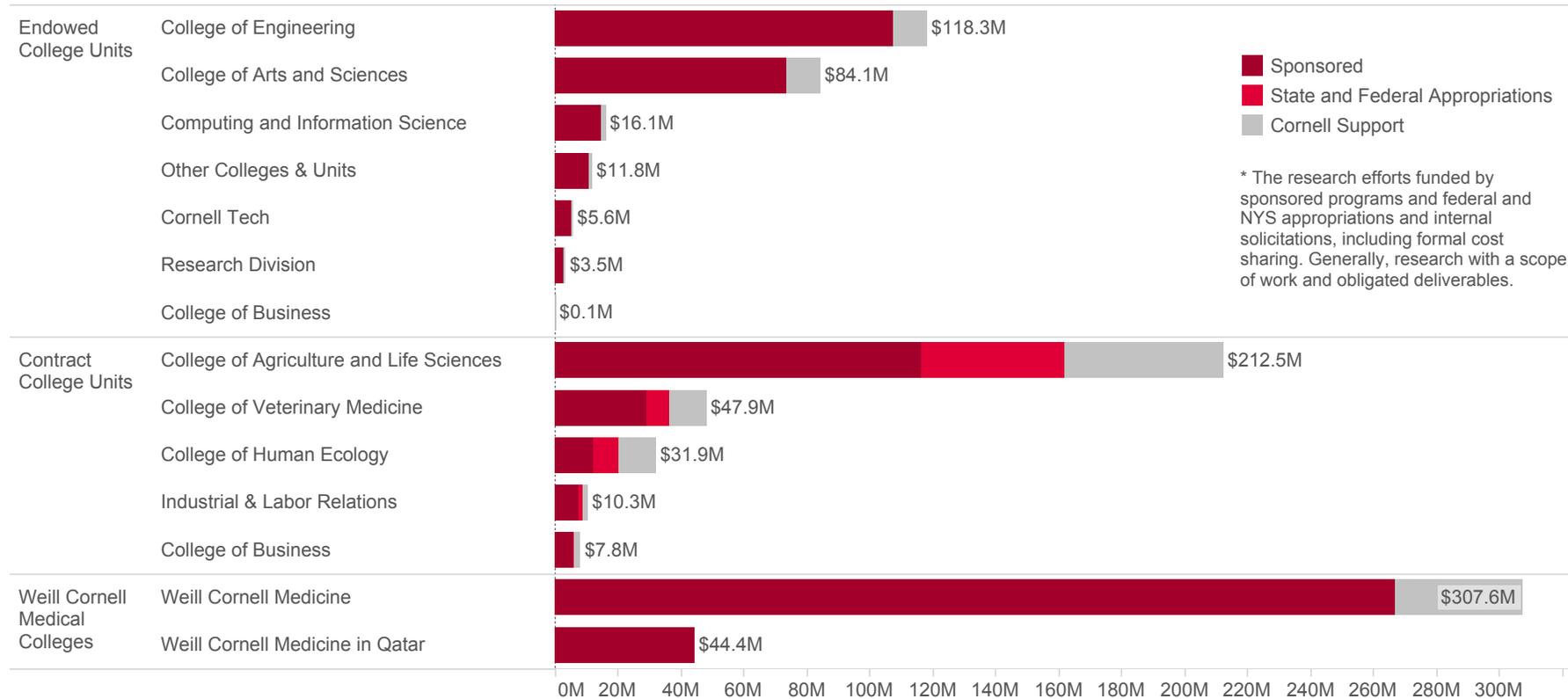


Cornell University Research Expenditures

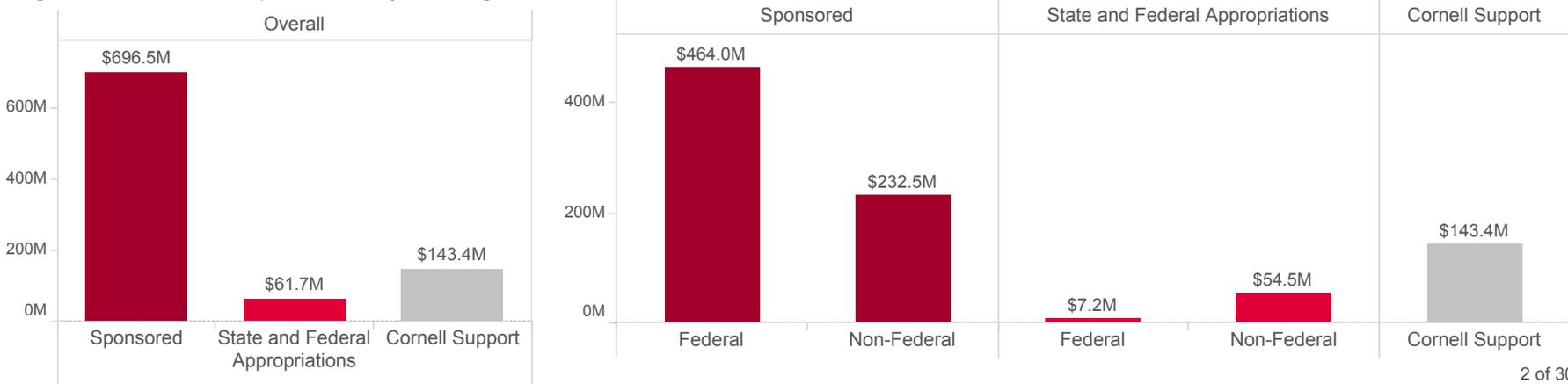
July 1, 2017 to June 30, 2018

Organized Research*
\$901.6M

Organized Research Expenditures by Principal Investigator's Unit



Organized Research Expenditures by Funding Source

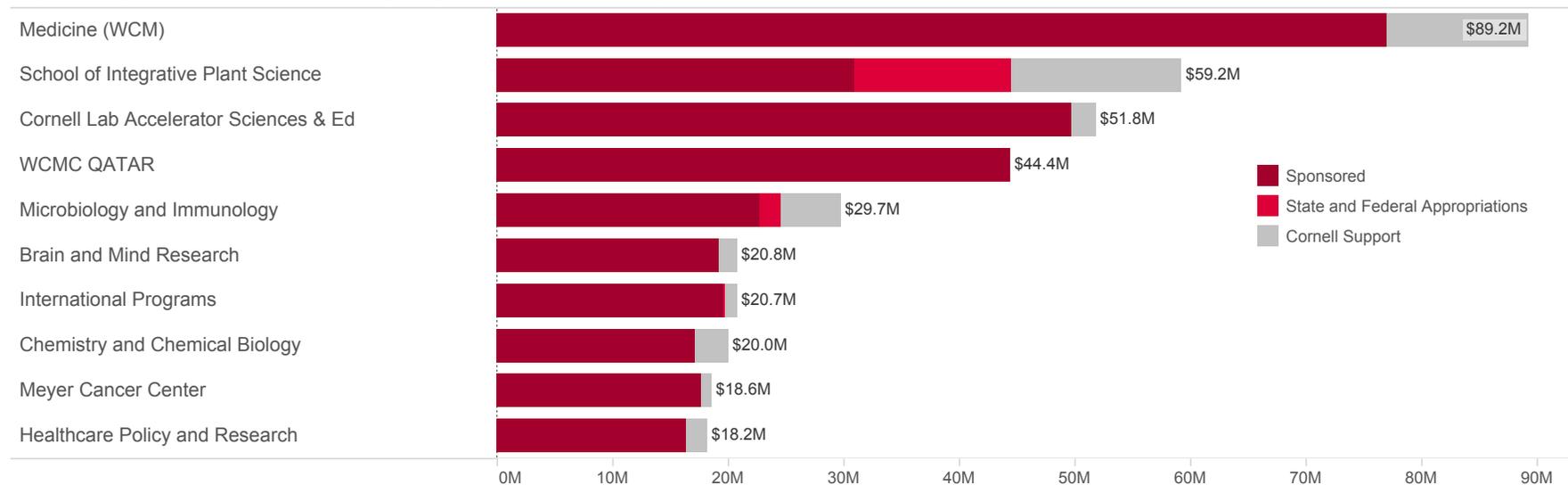


Cornell University Research Expenditures

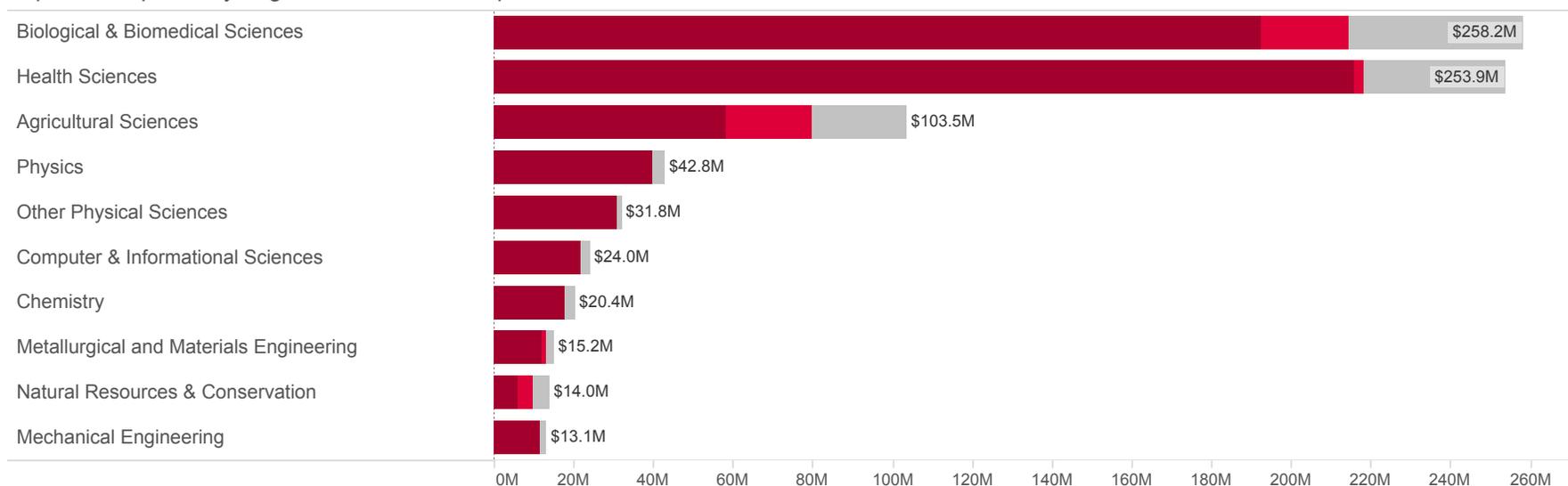
July 1, 2017 to June 30, 2018

Organized Research
\$901.6M

Top 10 Departments and Centers by Organized Research Expenditures



Top 10 Disciplines by Organized Research Expenditures



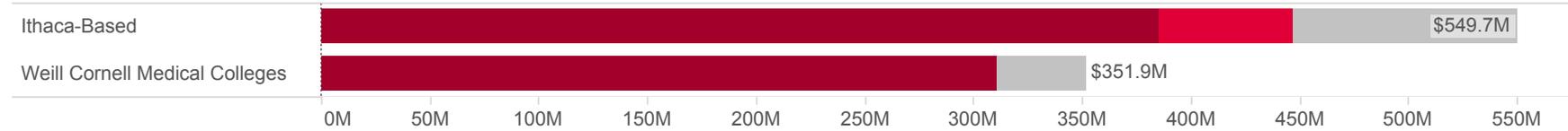
Reflects 2016 revised NSF discipline definitions. Each Cornell department or section is mapped to one NSF discipline.

NSF 2016 revised definitions: <https://ras.research.cornell.edu/VPR/ResExp/HERD-2016-Table-Format.pdf>
 Cornell's 2018 department mapping: <https://ras.research.cornell.edu/VPR/ResExp/ResExpDisciplines2018.xlsx>

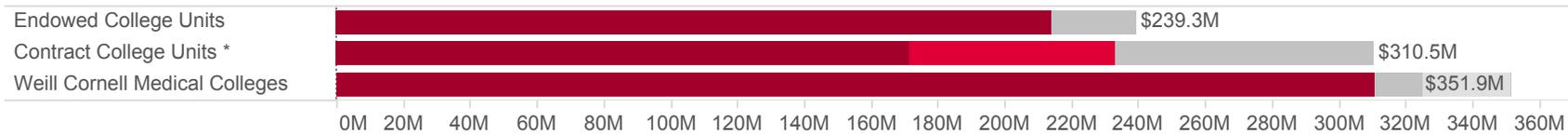
Cornell University Research Expenditures
July 1, 2017 to June 30, 2018

Organized Research
\$901.6M

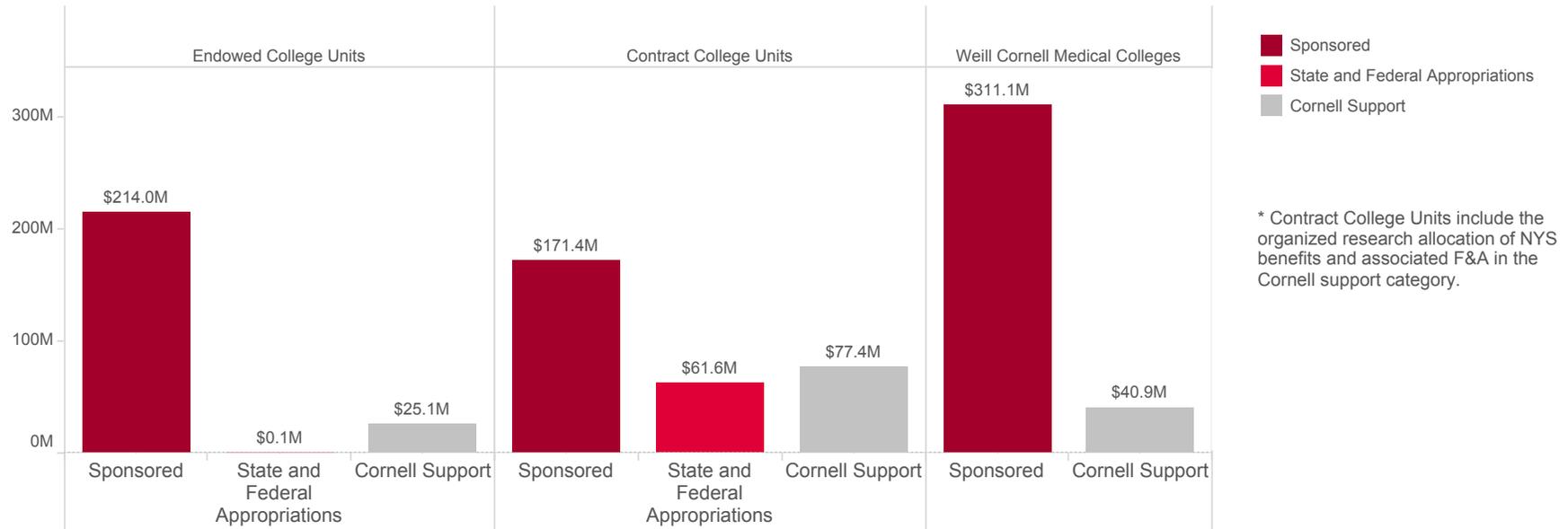
Organized Research Expenditures by Campus



Organized Research Expenditures by Principal Investigator's Unit by Division



Organized Research Expenditures by Principal Investigator's Unit Division and Funding Type

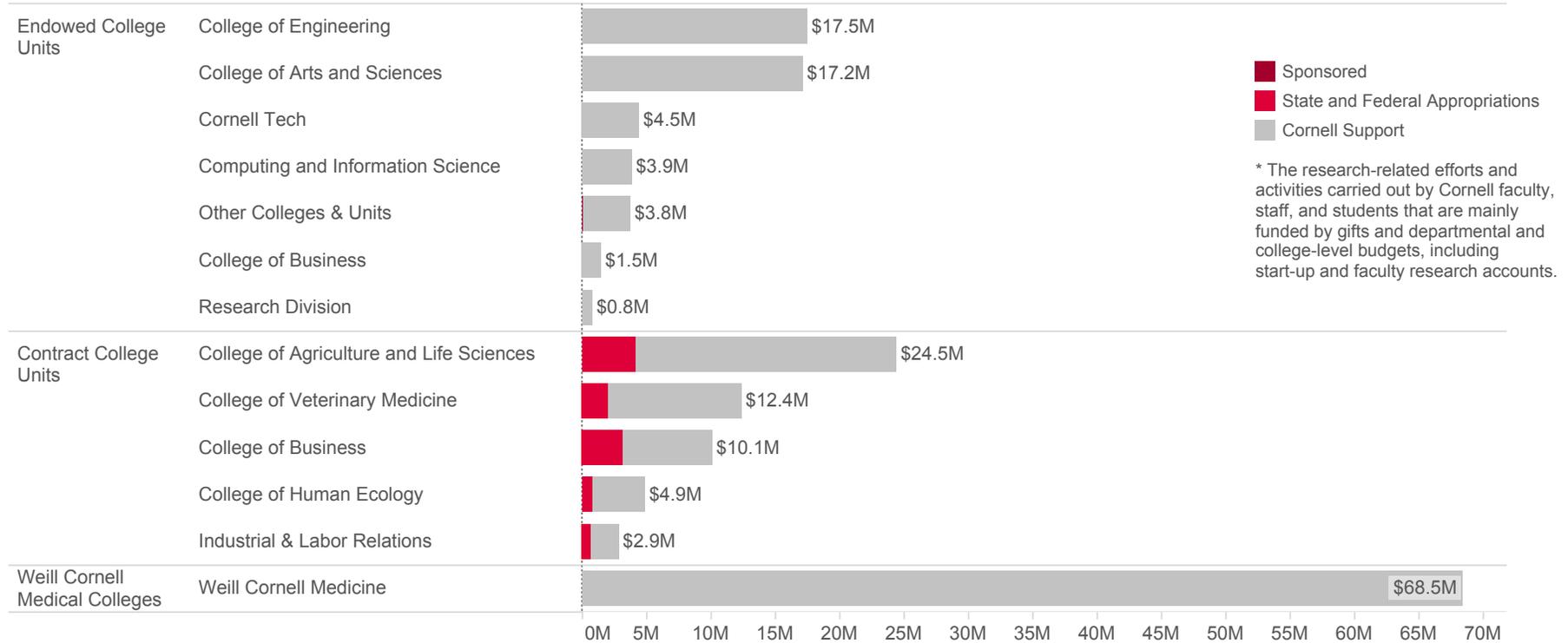


Cornell University Research Expenditures

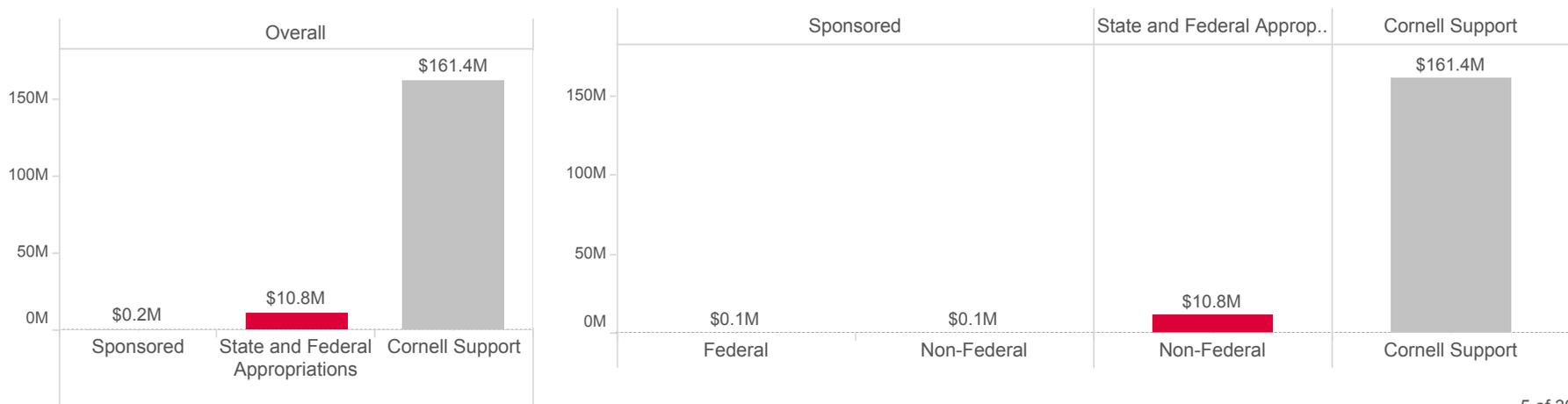
July 1, 2017 to June 30, 2018

Departmental Research*
\$172.3M

Departmental Research Expenditures by Principal Investigator's Unit



Departmental Research Expenditures by Funding Source

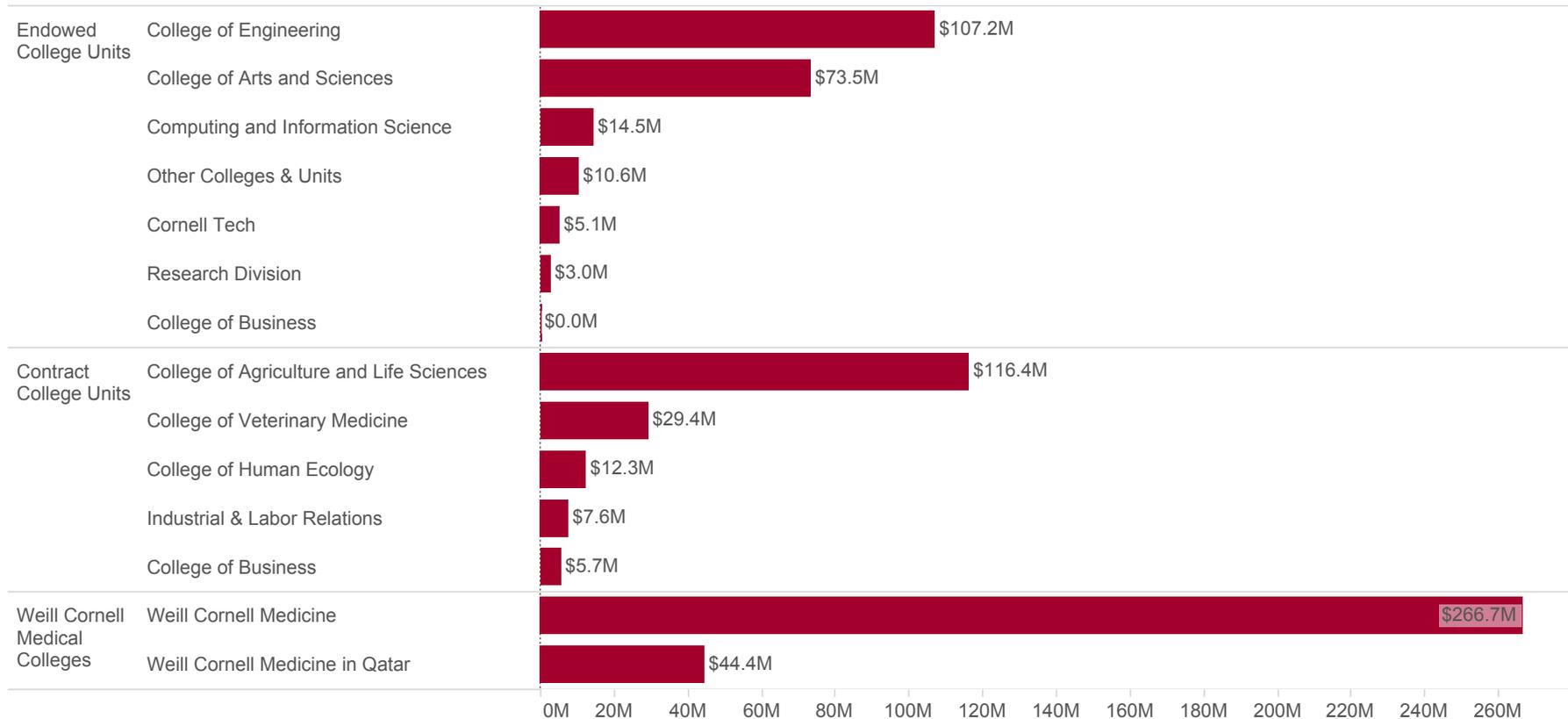


Cornell University Research Expenditures

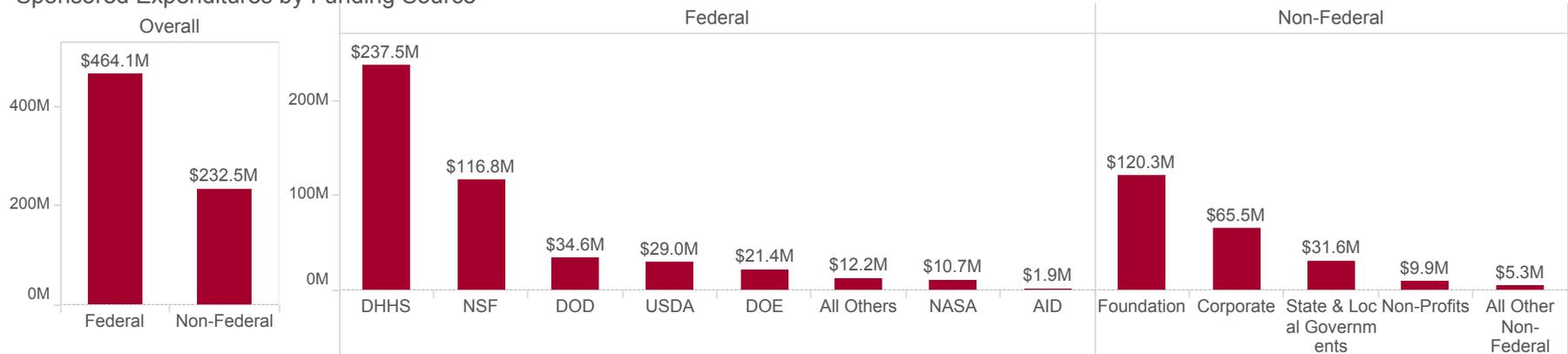
July 1, 2017 to June 30, 2018

Sponsored
\$696.7M

Sponsored Expenditures by Principal Investigator's Unit



Sponsored Expenditures by Funding Source

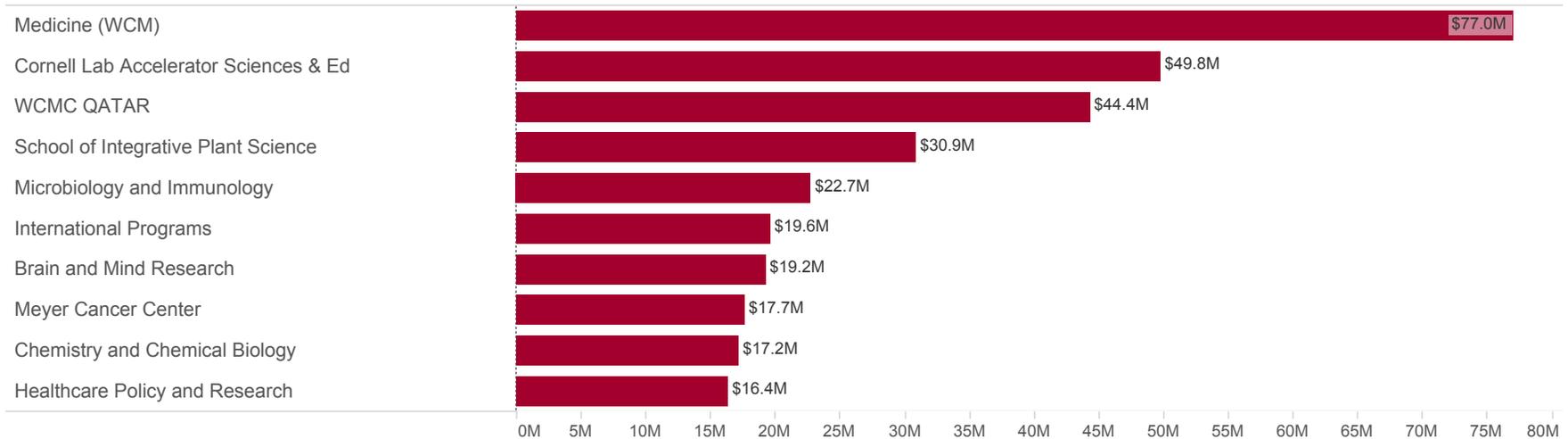


Cornell University Research Expenditures

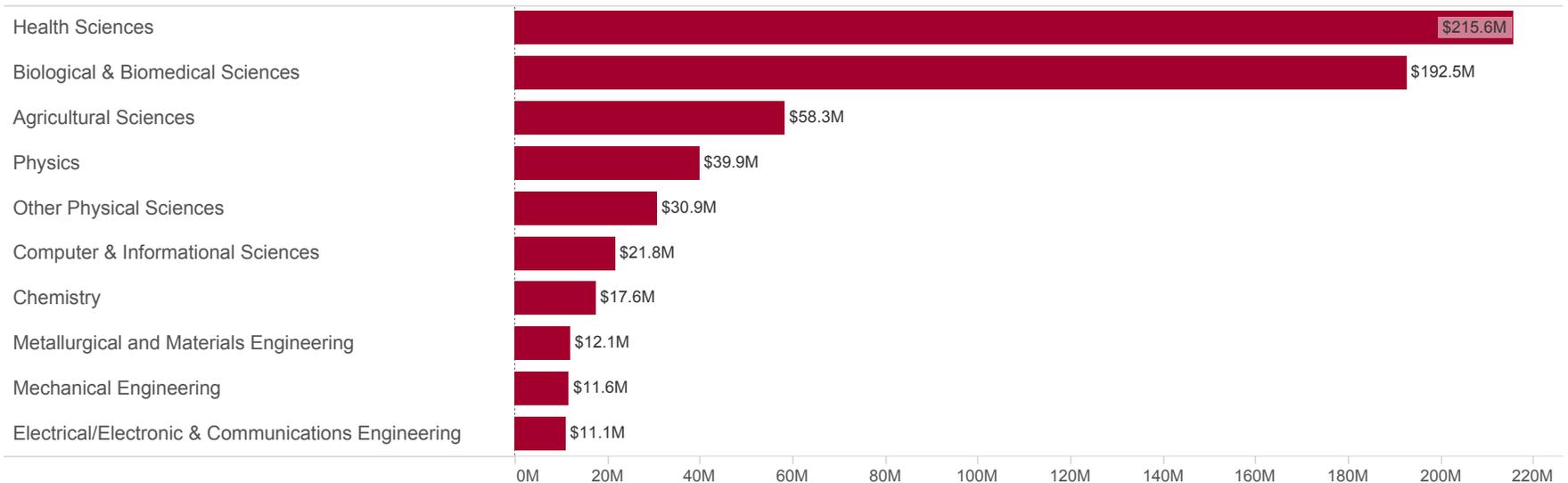
July 1, 2017 to June 30, 2018

Sponsored
\$696.7M

Top 10 Departments and Centers by Sponsored Research Expenditures



Top 10 Disciplines by Sponsored Research Expenditures



Reflects 2016 revised NSF discipline definitions. Each Cornell department or section is mapped to one NSF discipline.

NSF 2016 revised definitions: <https://ras.research.cornell.edu/VPR/ResExp/HERD-2016-Table-Format.pdf>
 Cornell's 2018 department mapping: <https://ras.research.cornell.edu/VPR/ResExp/ResExpDisciplines2018.xlsx>

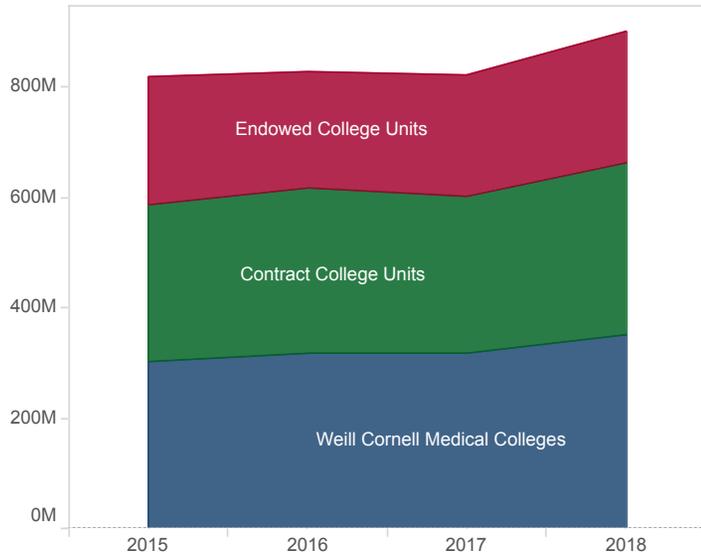
Cornell University Research Expenditures

July 1, 2017 to June 30, 2018

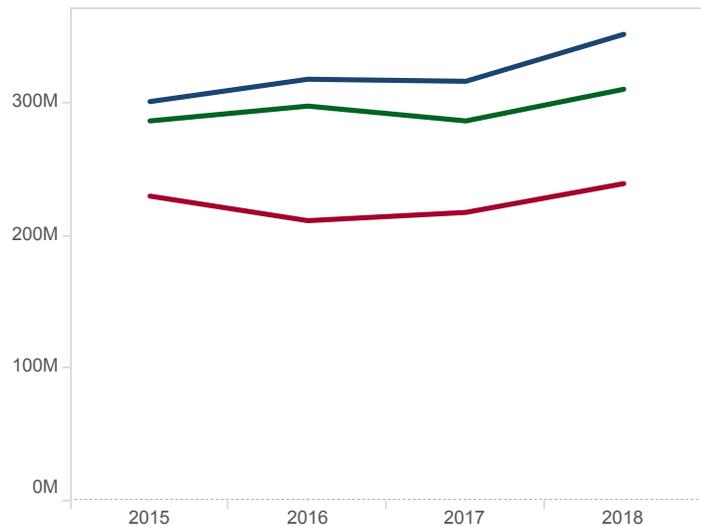
Organized Research - 2015 to 2018

Current Dollars

Organized Research Expenditure Trends

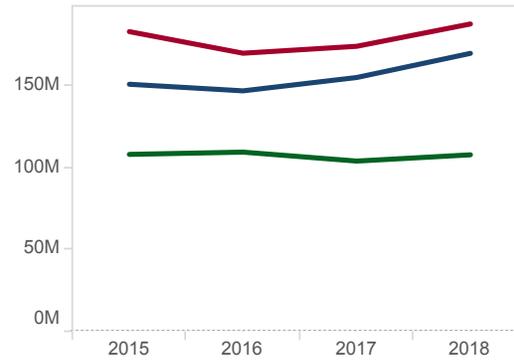


Organized Research Expenditure Trends

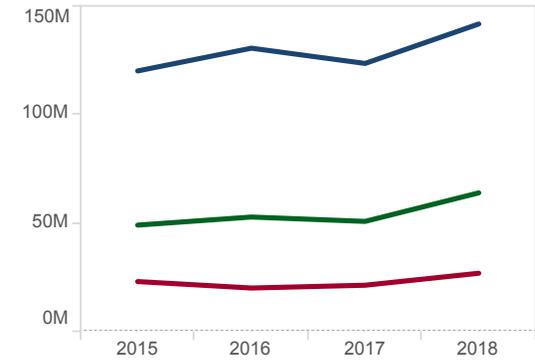


By Funding Type

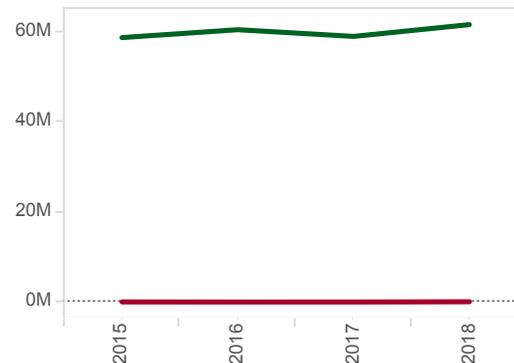
Sponsored Federal



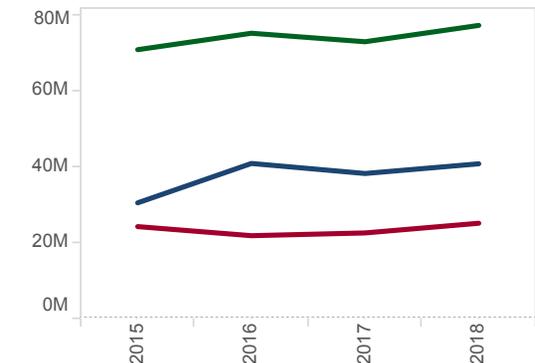
Sponsored Non-Federal



State and Federal Appropriations



Cornell Support



Contract College Units Endowed College Units Weill Cornell Medical Colleges

The American Recovery and Reinvestment Act of 2009 (ARRA) resulted in an increase of funding and expenditures from 2009 to 2011.

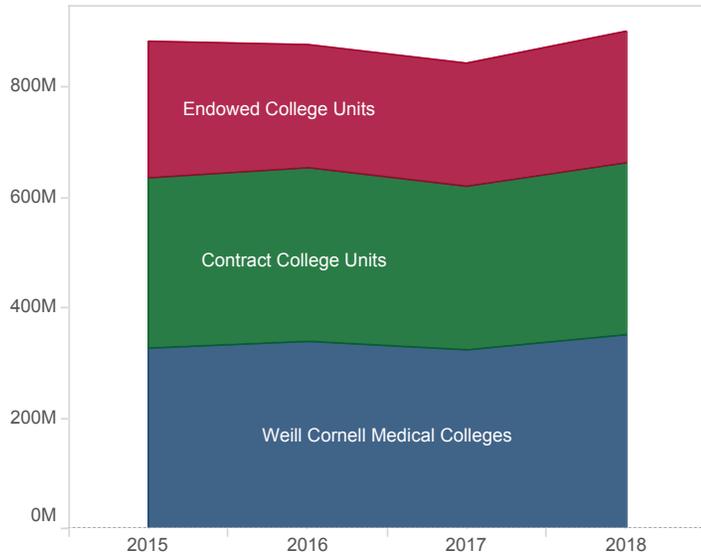
Beginning in 2009, the organized research allocation of NYS benefits and associated F&A are included in the Contract Colleges in the Cornell support category.

The trends on this page have not been adjusted for inflation.

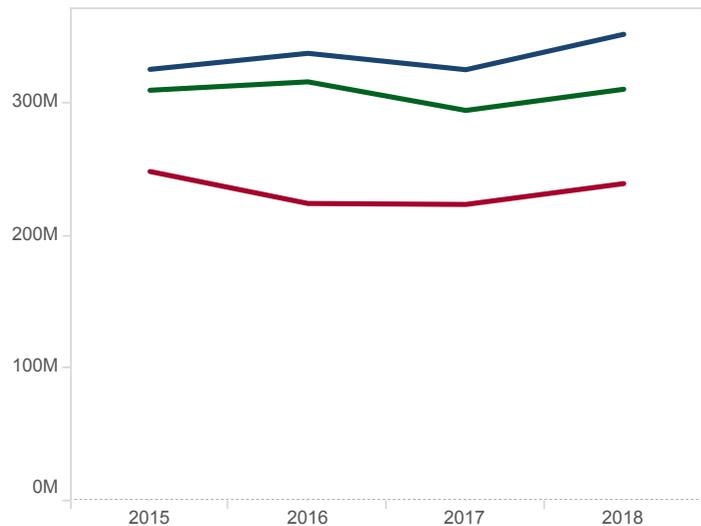
Cornell University Research Expenditures July 1, 2017 to June 30, 2018

Organized Research - 2015 to 2018 In Constant FY2018 Dollars

Organized Research Expenditure Trends

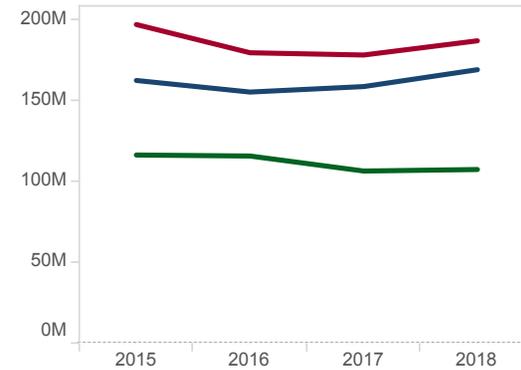


Organized Research Expenditure Trends

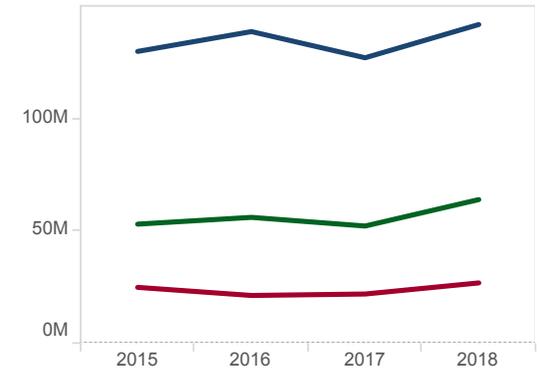


By Funding Type

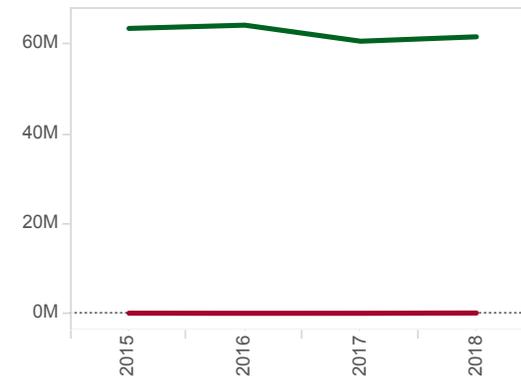
Sponsored Federal



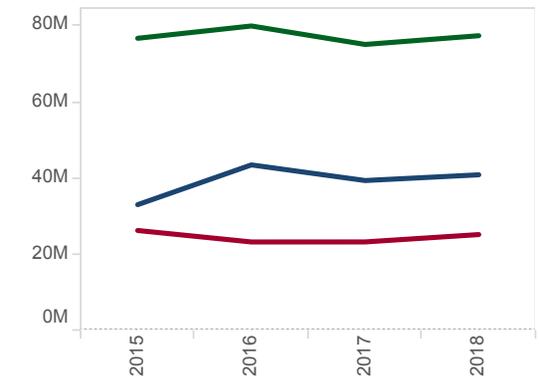
Sponsored Non-Federal



State and Federal Appropriations



Cornell Support



The American Recovery and Reinvestment Act of 2009 (ARRA) resulted in an increase of funding and expenditures from 2009 to 2011.

Beginning in 2009, the organized research allocation of NYS benefits and associated F&A are included in the Contract Colleges in the Cornell support category.

The trends on this page have been adjusted for inflation using the Higher Education Price Index (HEPI).

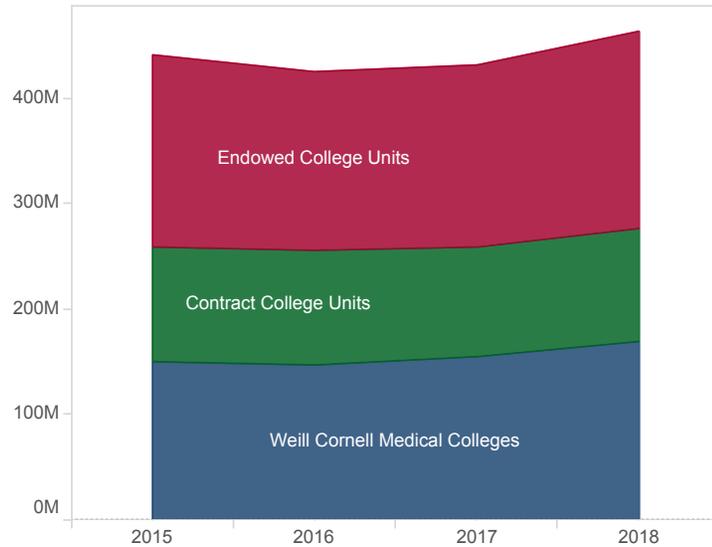
Cornell University Research Expenditures

July 1, 2017 to June 30, 2018

Federal Sponsored - 2015 to 2018

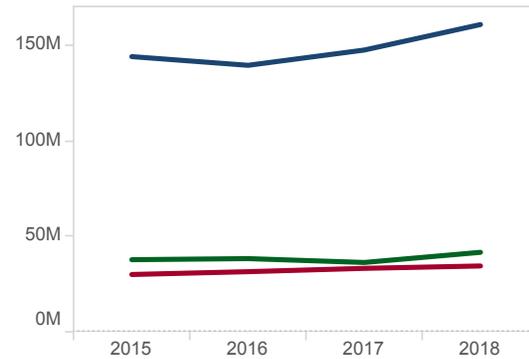
Current Dollars

Federal Sponsored Expenditure Trends

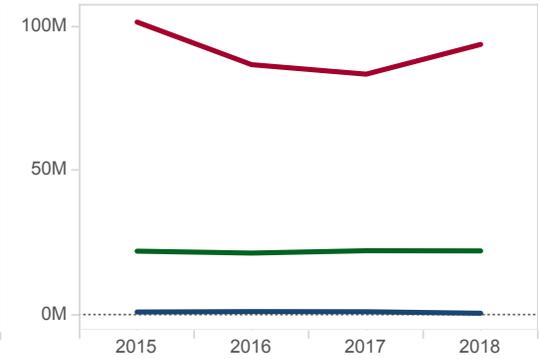


By Sponsor

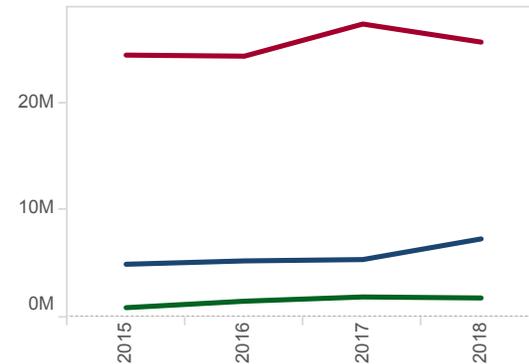
Department of Health and Human Services



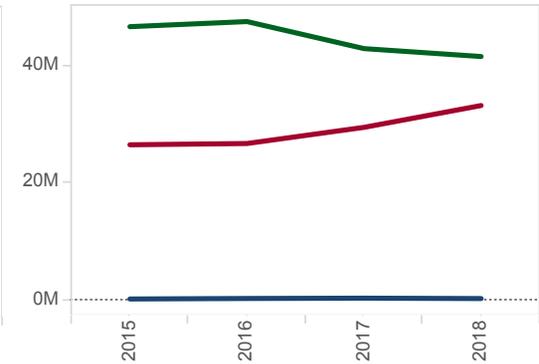
National Science Foundation



Department of Defense

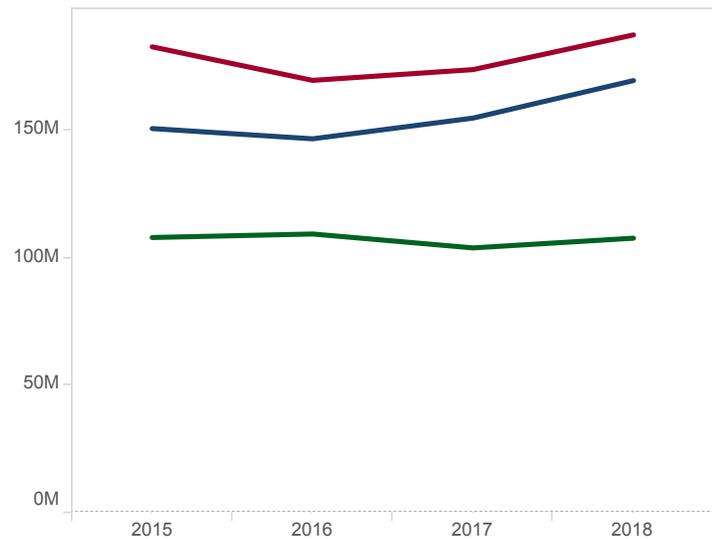


All Other Federal



Legend: Endowed College Units (Red), Contract College Units (Green), Weill Cornell Medical Colleges (Blue)

Federal Sponsored Expenditures Trends



The American Recovery and Reinvestment Act of 2009 (ARRA) resulted in an increase of funding and expenditures from 2009 to 2011.

The trends on this page have not been adjusted for inflation.

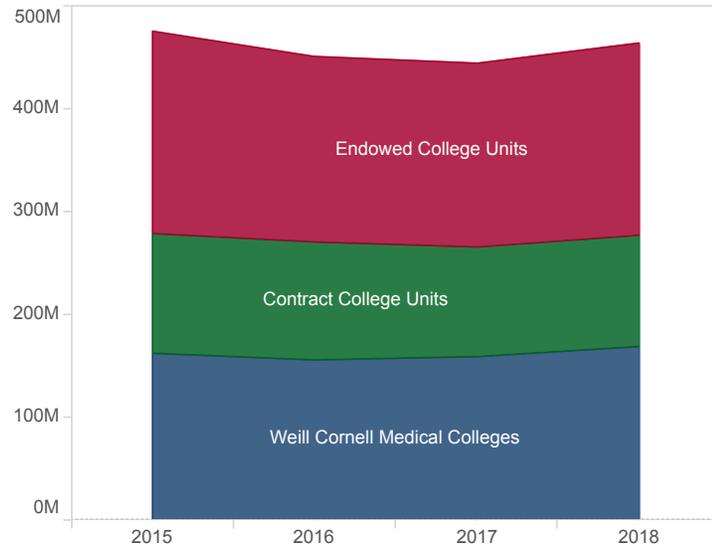
Cornell University Research Expenditures

July 1, 2017 to June 30, 2018

Federal Sponsored - 2015 to 2018

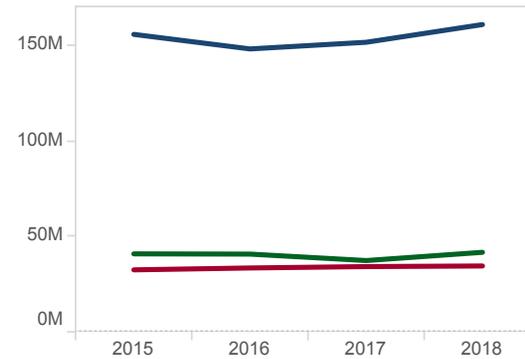
In Constant FY2018 Dollars

Federal Sponsored Expenditure Trends

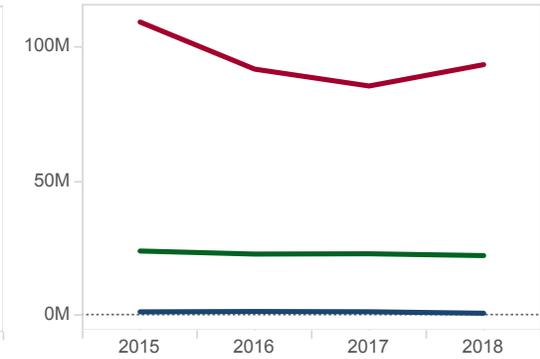


By Sponsor

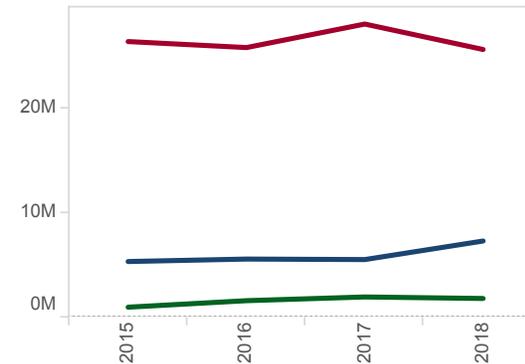
Department of Health and Human Services



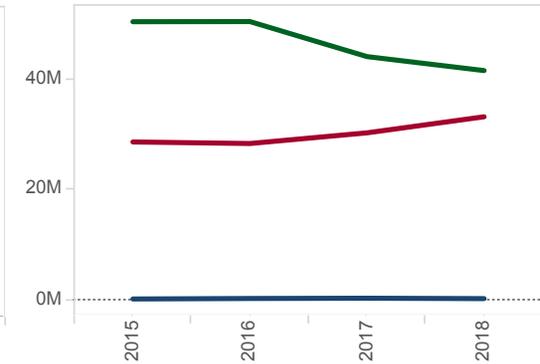
National Science Foundation



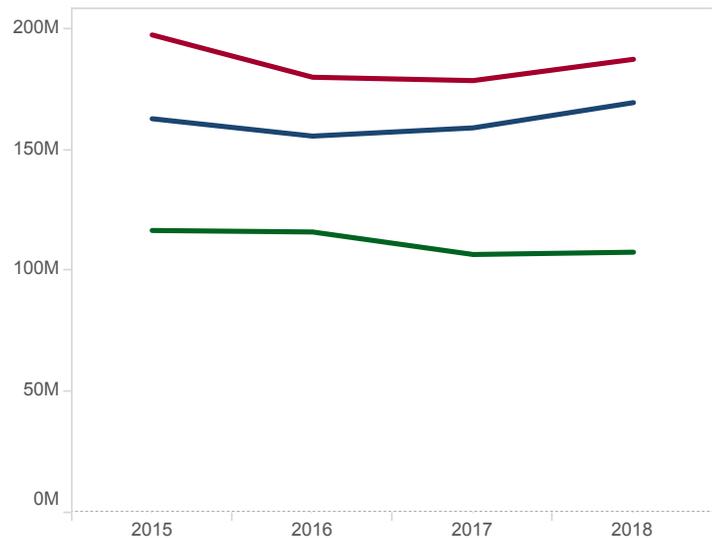
Department of Defense



All Other Federal



Federal Sponsored Expenditures Trends



The American Recovery and Reinvestment Act of 2009 (ARRA) resulted in an increase of funding and expenditures from 2009 to 2011.

The trends on this page have been adjusted for inflation using the Higher Education Price Index (HEPI).

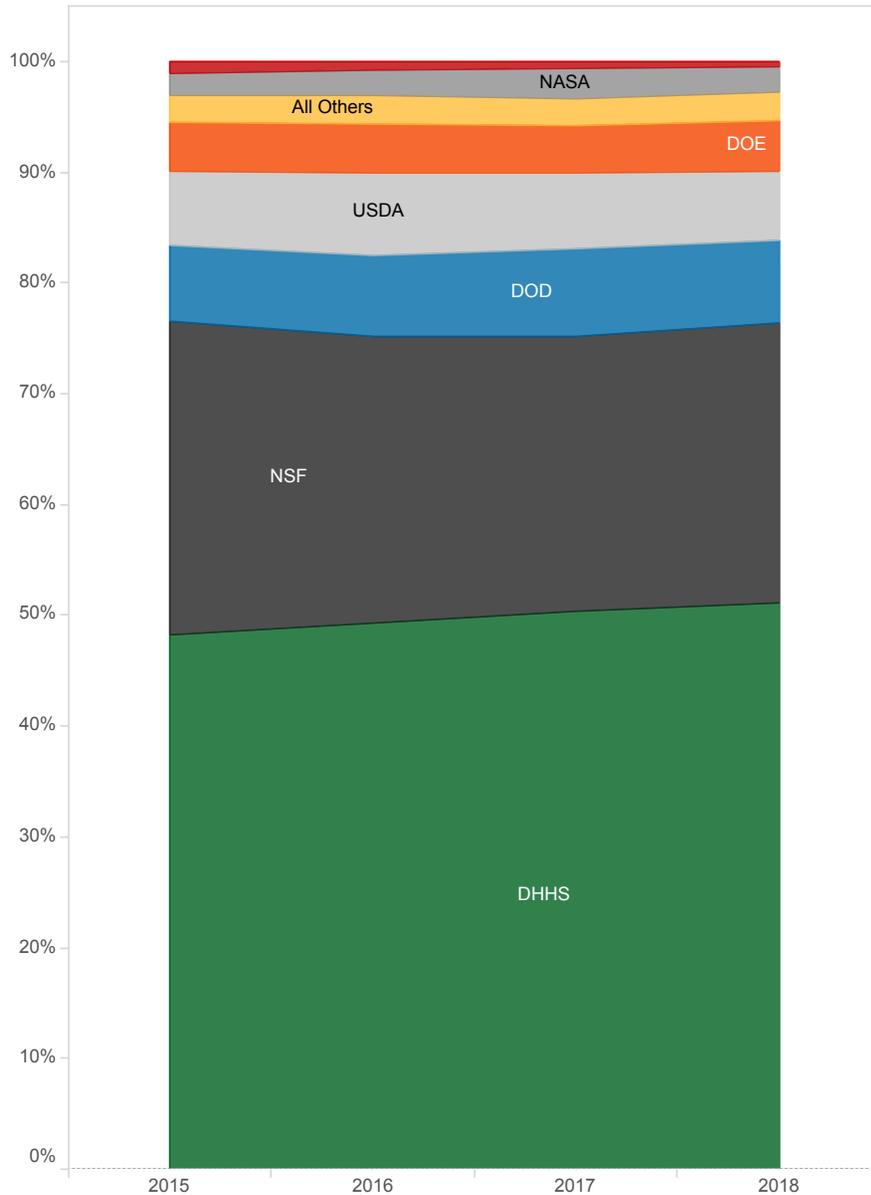
Cornell University Research Expenditures

July 1, 2017 to June 30, 2018

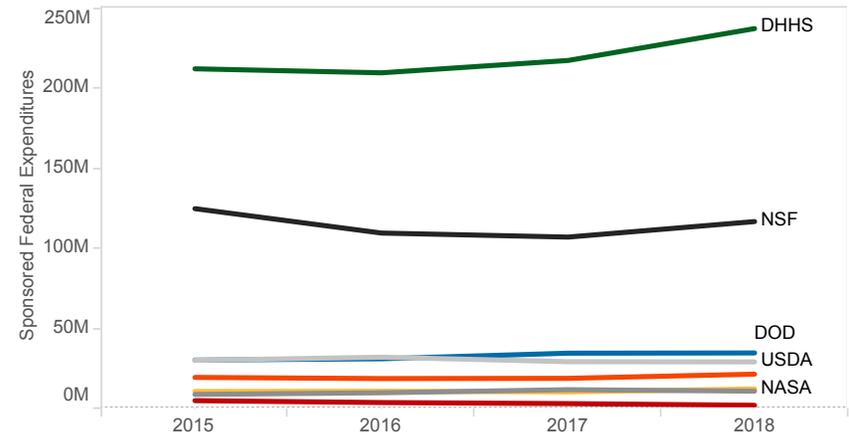
Federal Agency - 2015 to 2018

Current Dollars

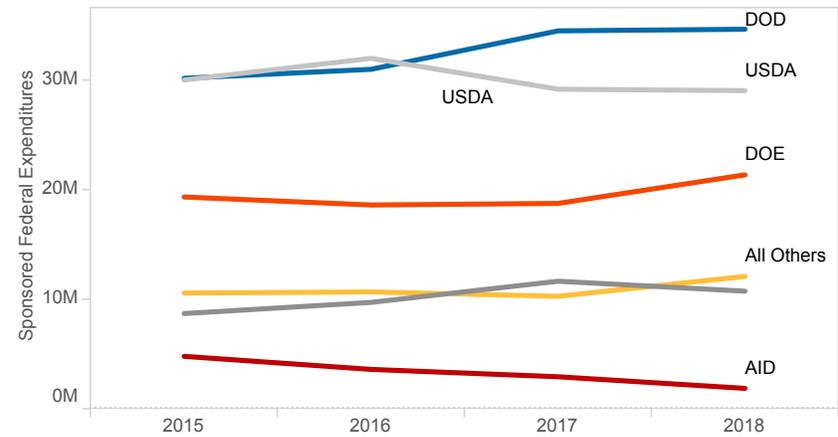
Federal Sponsored Expenditures - Composition by Agency



By Agency
All Agencies



By Agency
Excluding DHHS and NSF



The American Recovery and Reinvestment Act of 2009 (ARRA) resulted in an increase of funding and expenditures from 2009 to 2011.

The trends on this page have not been adjusted for inflation.

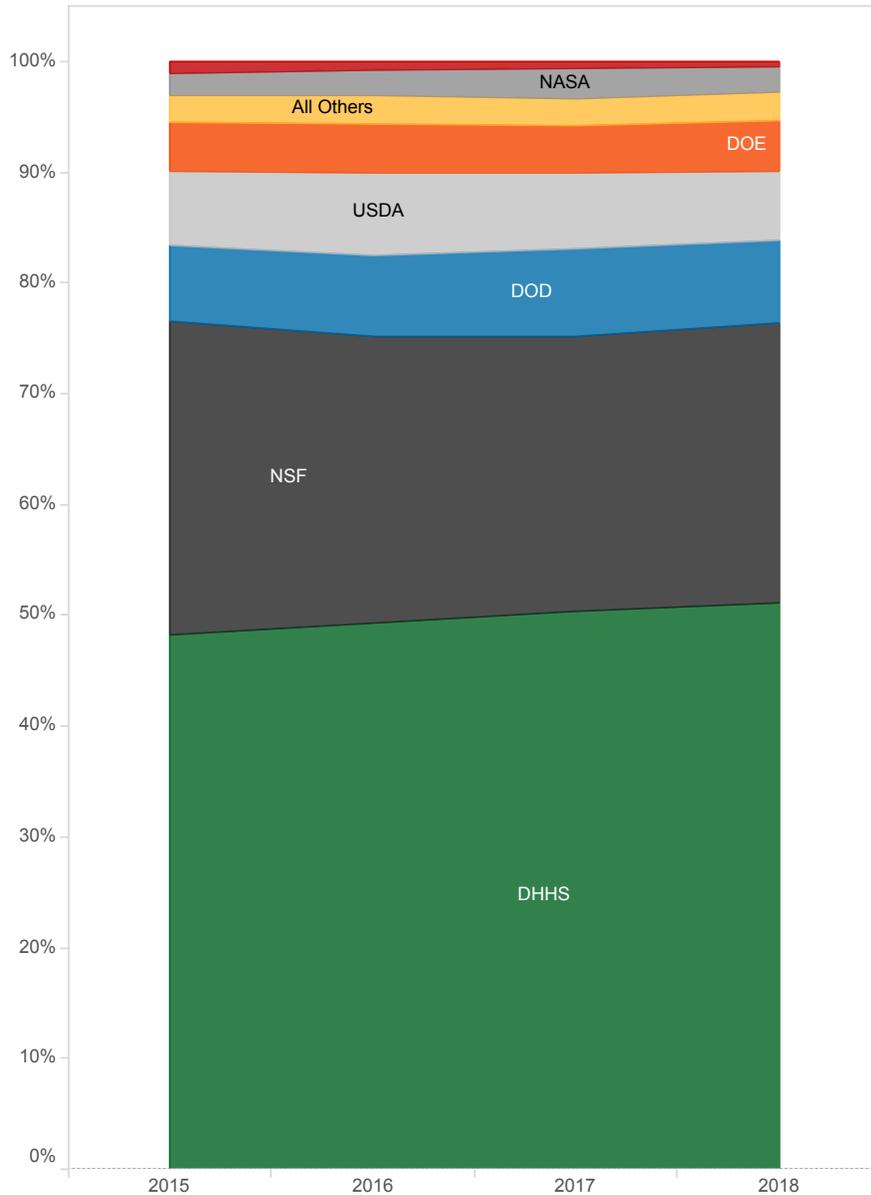
Cornell University Research Expenditures

July 1, 2017 to June 30, 2018

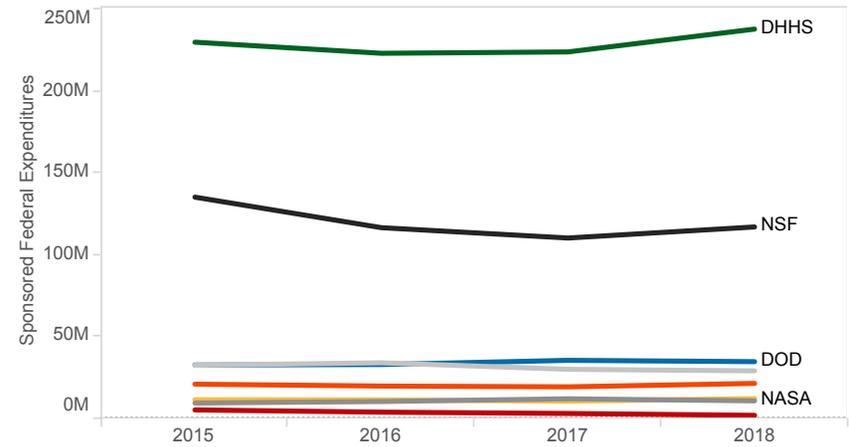
Federal Agency - 2015 to 2018

In Constant FY2018 Dollars

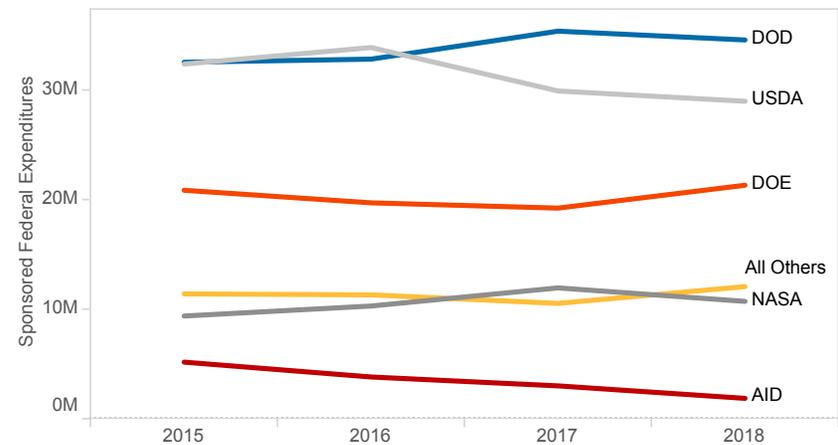
Federal Sponsored Expenditures - Composition by Agency



By Agency
All Agencies



By Agency
Excluding DHHS and NSF



The American Recovery and Reinvestment Act of 2009 (ARRA) resulted in an increase of funding and expenditures from 2009 to 2011.

The trends on this page have been adjusted for inflation using the Higher Education Price Index (HEPI).

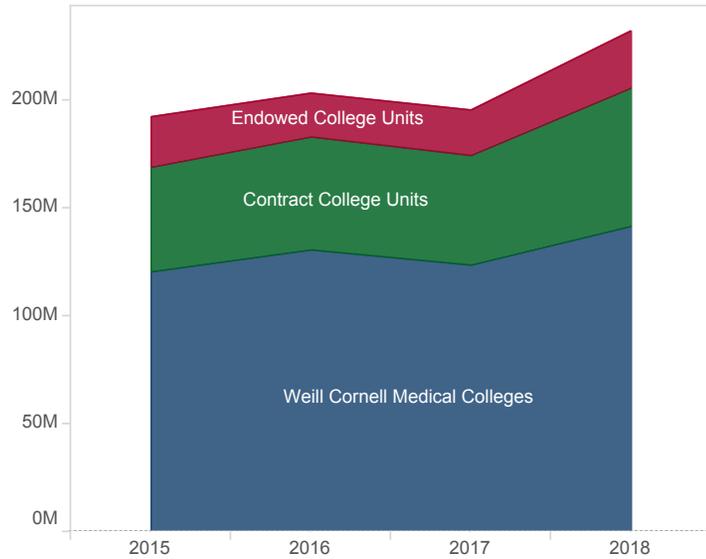
Cornell University Research Expenditures

July 1, 2017 to June 30, 2018

Non-Federal Sponsored - 2015 to 2018

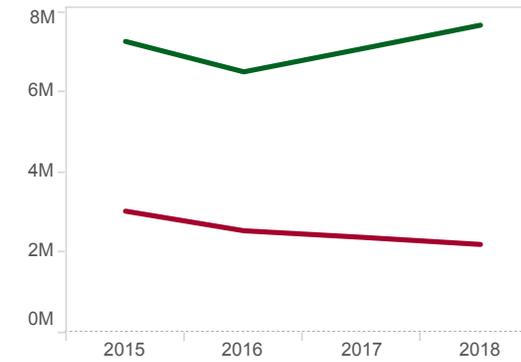
Current Dollars

Non-Federal Sponsored Expenditure Trends

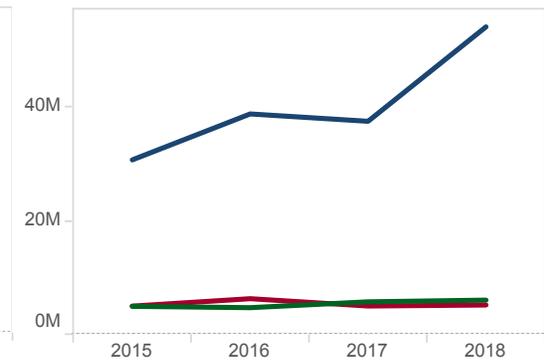


By Sponsor Type

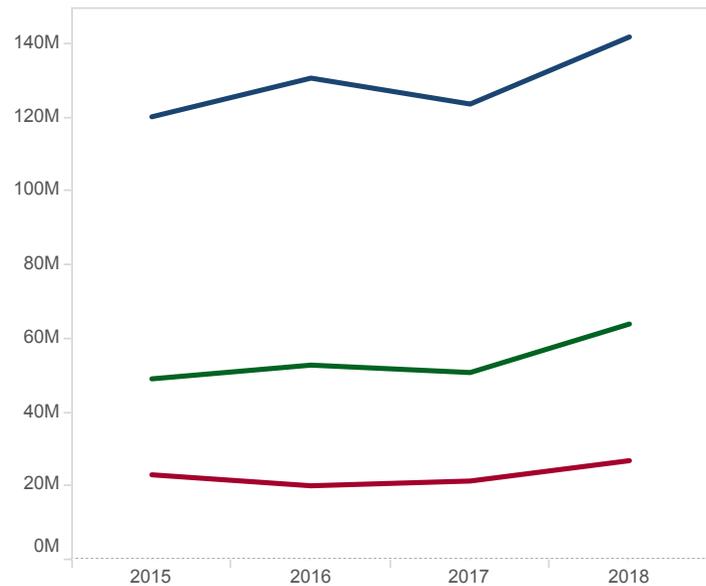
Non-Profit Organizations *



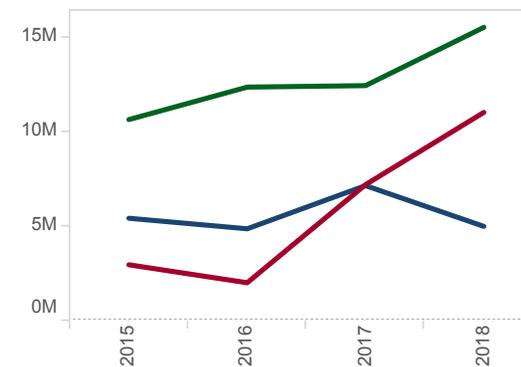
Corporations



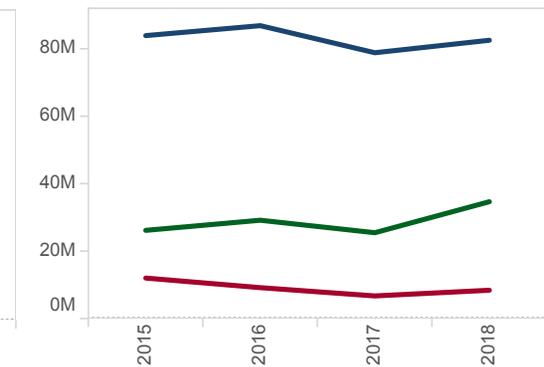
Non-Federal Sponsored Expenditure Trends



State and Local Governments



Foundations & All Others



* Prior to 2009, federal flow-through funding from external universities was included in the "Non-Profit Organization" category. Beginning in 2010, the funding is included in federal funding based on the prime sponsor.

The trends on this page have not been adjusted for inflation.

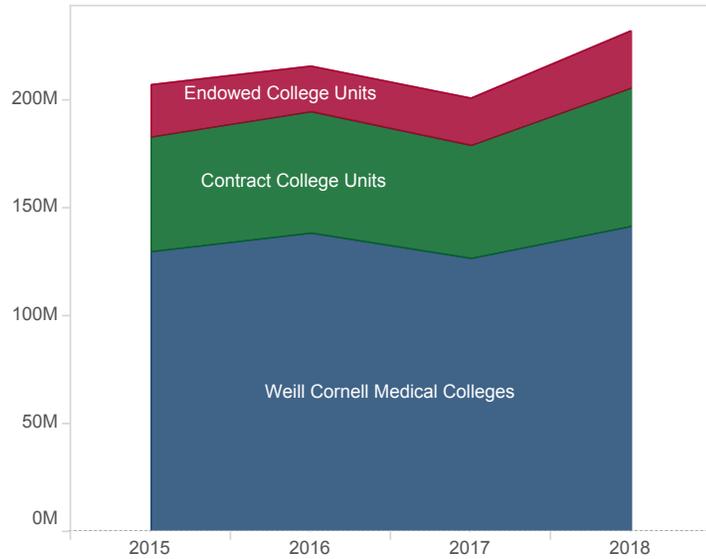
Cornell University Research Expenditures

July 1, 2017 to June 30, 2018

Non-Federal Sponsored - 2015 to 2018

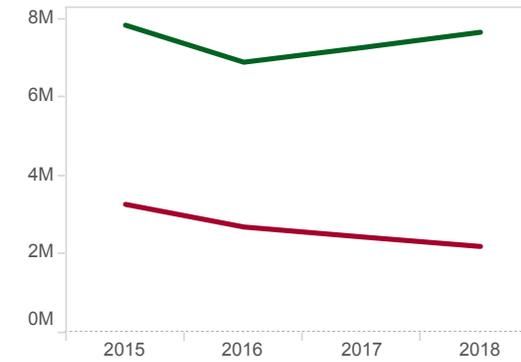
In Constant FY2018 Dollars

Non-Federal Sponsored Expenditure Trends

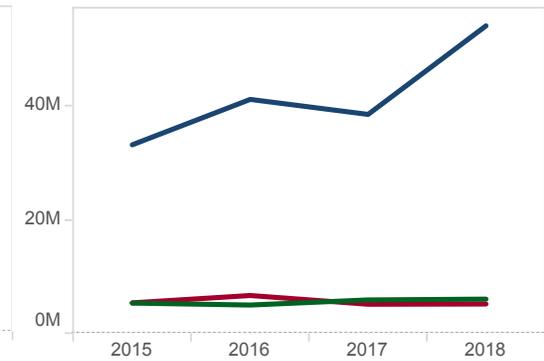


By Sponsor Type

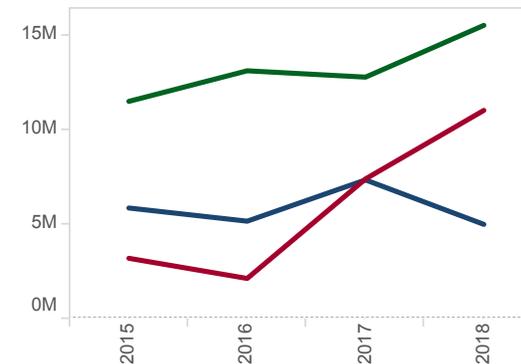
Non-Profit Organizations *



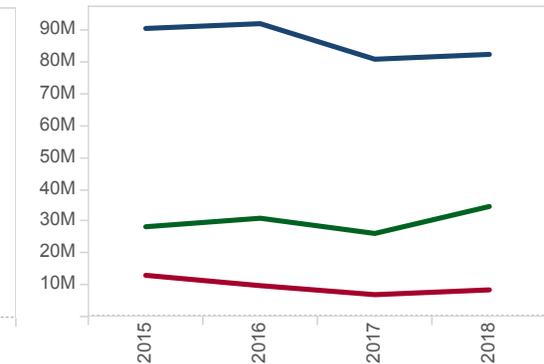
Corporations



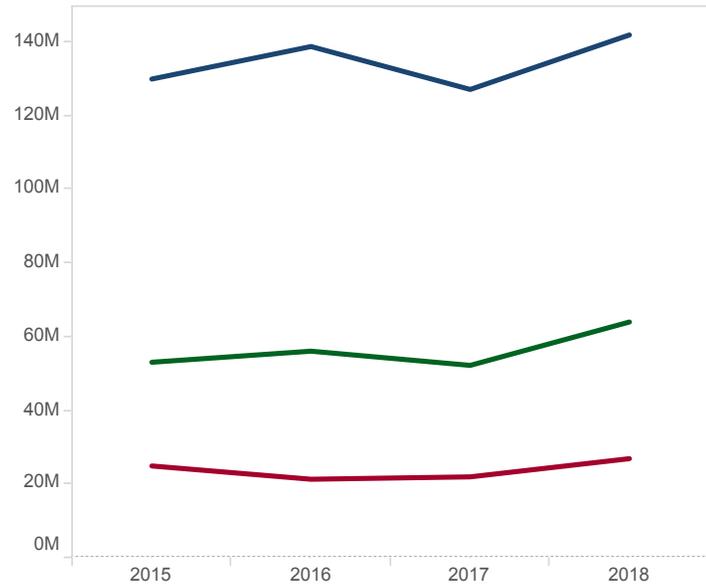
State and Local Governments



Foundations & All Others



Non-Federal Sponsored Expenditure Trends



* Prior to 2009, federal flow-through funding from external universities was included in the "Non-Profit Organization" category. Beginning in 2010, the funding is included in federal funding based on the prime sponsor.

The trends on this page have been adjusted for inflation using the Higher Education Price Index (HEPI).

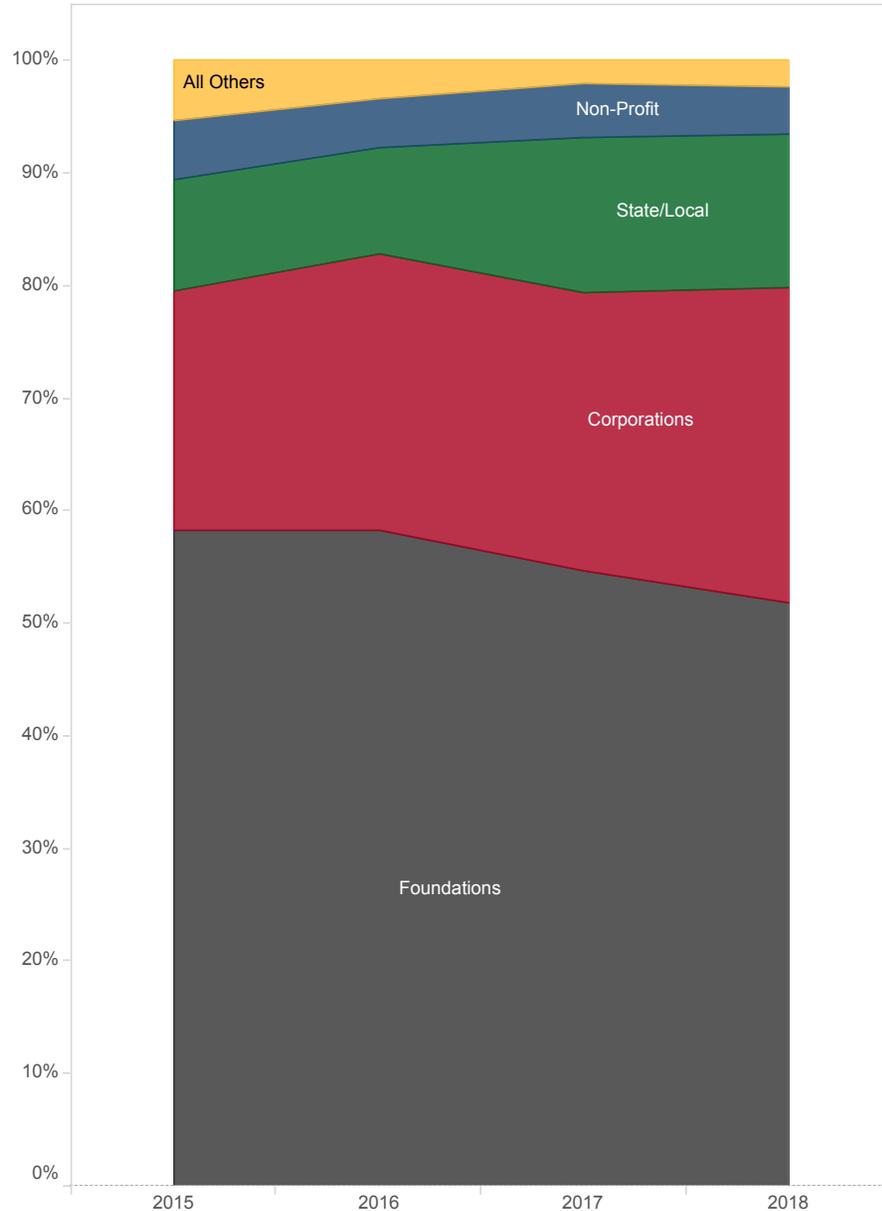
Cornell University Research Expenditures

July 1, 2017 to June 30, 2018

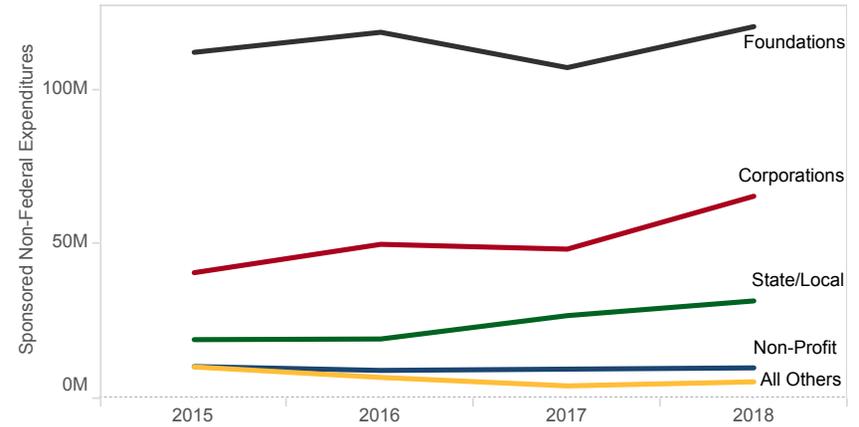
Non-Federal Sponsored - 2015 to 2018

Current and FY2018 Dollars

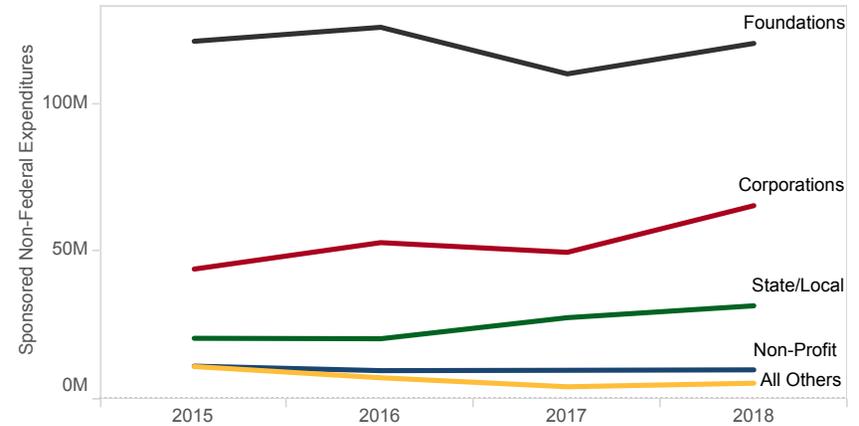
Sponsored Non-Federal Expenditures - Composition by Sponsor Type



By Non-Federal Sponsor Type
Current Dollars



By Non-Federal Sponsor Type
In Constant FY2018 Dollars



Inflation adjustment in the graph above uses the Higher Education Price Index (HEPI).

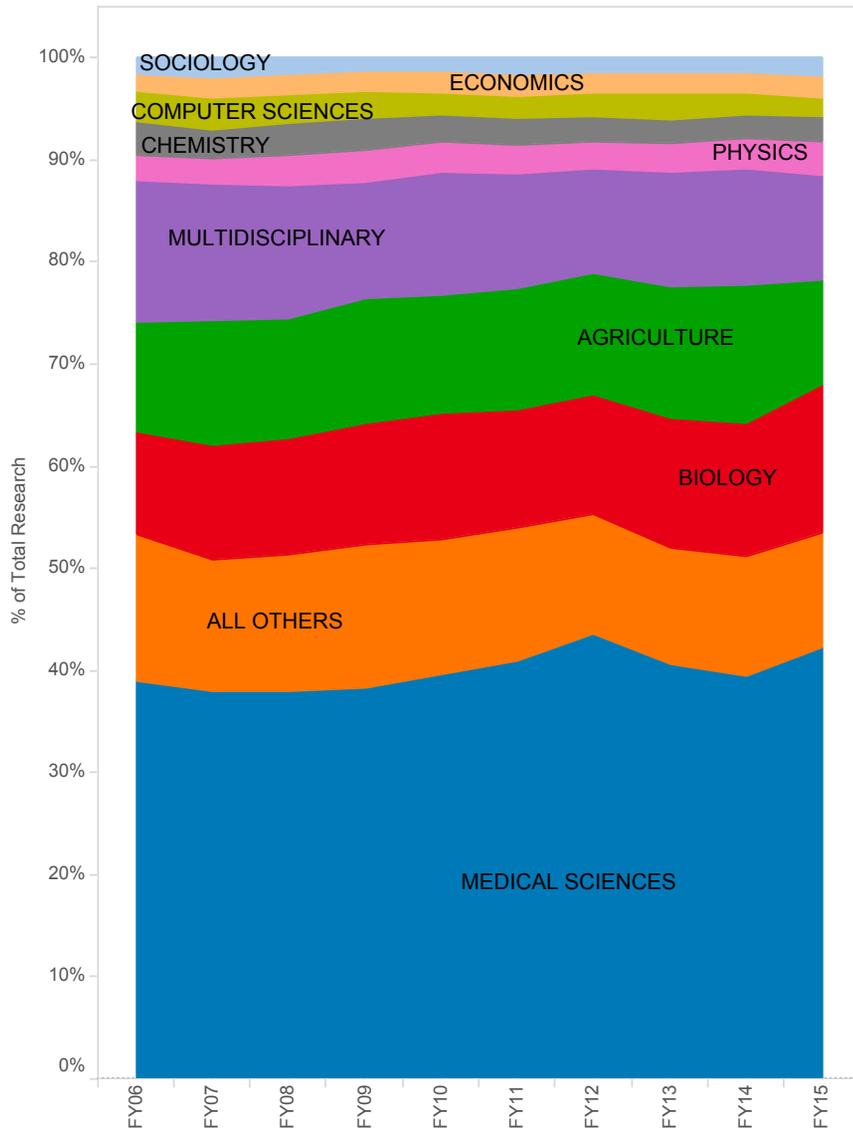
Cornell University Research Expenditures

July 1, 2017 to June 30, 2018

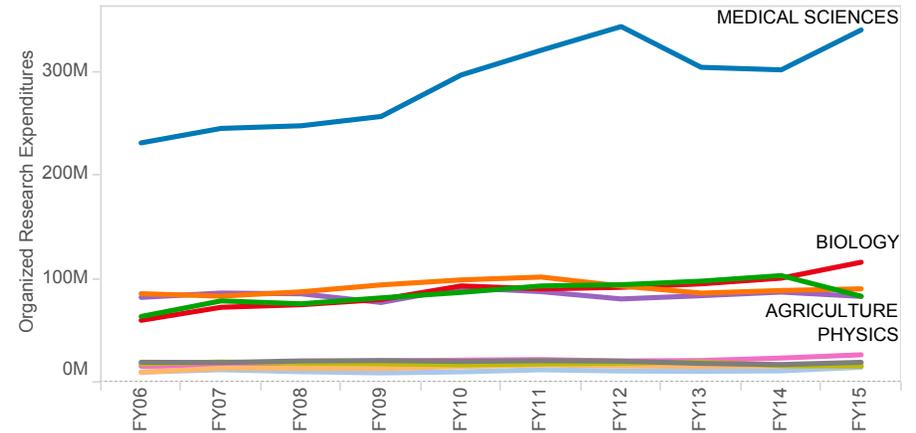
Organized Research Discipline - 2006 to 2015

Current and FY2018 Dollars

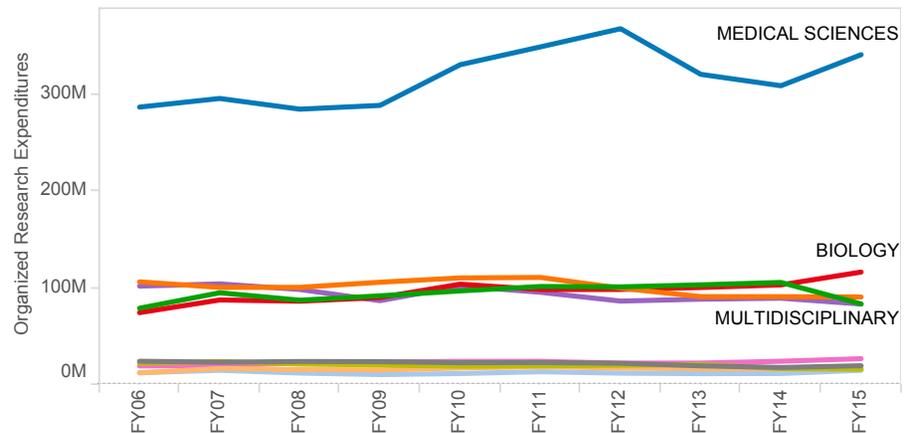
Organized Research Expenditures - Composition by Discipline
FY2006 to FY2015



Organized Research Expenditures by Discipline - FY2006 to FY2015
Current Dollars



Organized Research Expenditures by Discipline - FY2006 to FY2015
In Constant FY2018 Dollars



* Disciplines are defined by the NSF. Each Cornell department or sub-department is mapped to one NSF discipline.

In FY2016 the NSF changed several discipline definitions and names. The charts above reflect disciplines prior to these changes, according to Cornell's 2018 mapping:
<https://ras.research.cornell.edu/VPR/ResExp/ResExpDisciplines2018.xlsx>

The American Recovery and Reinvestment Act of 2009 (ARRA) resulted in an increase of funding and expenditures from 2009 to 2011.

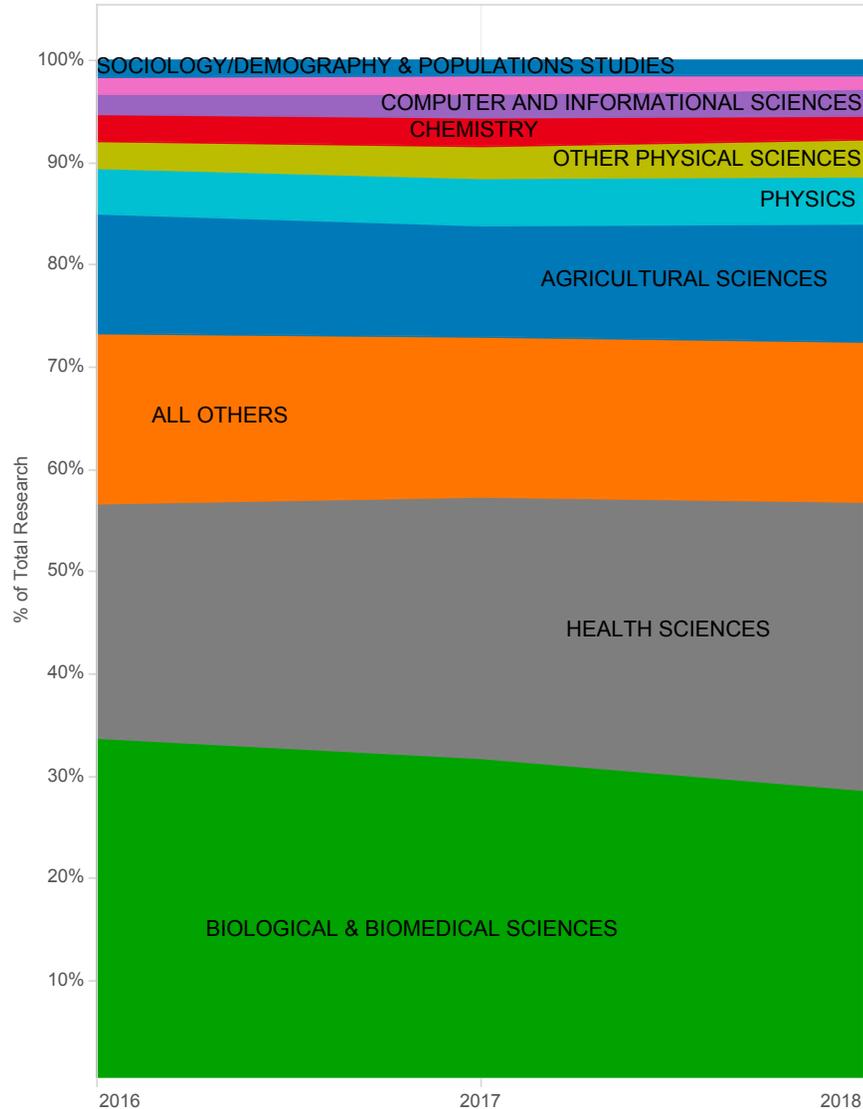
Cornell University Research Expenditures

July 1, 2017 to June 30, 2018

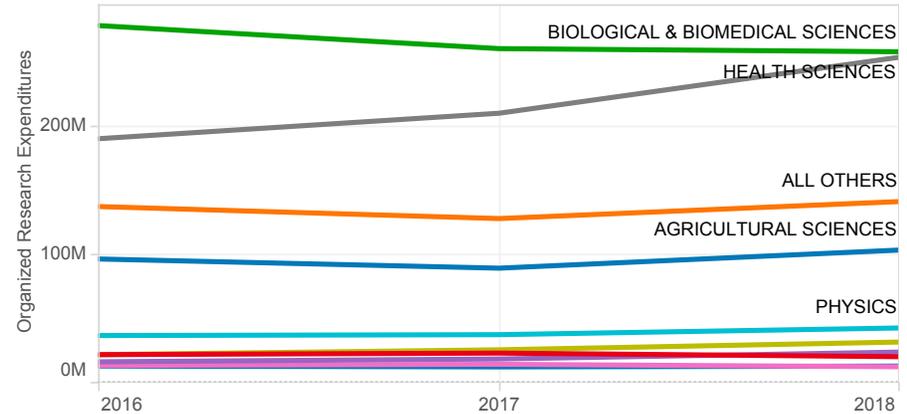
Organized Research Discipline - 2016 to 2018

Current and FY2018 Dollars

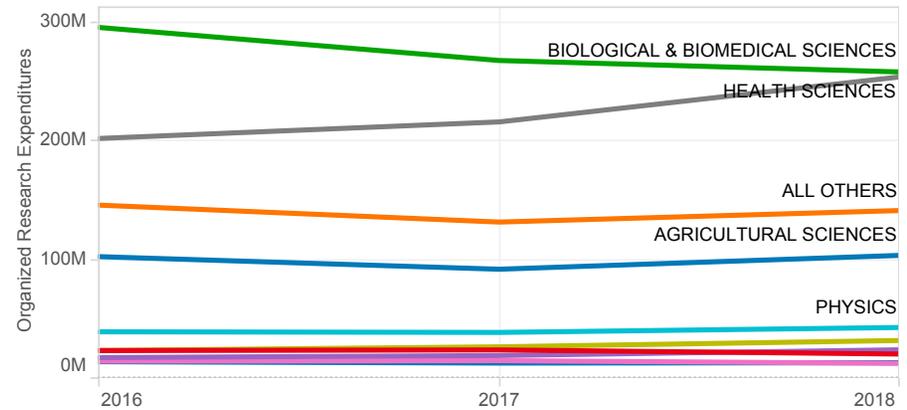
Organized Research Expenditures - Composition by Discipline
FY2016 to FY2018



Organized Research Expenditures by Discipline - FY2016 to FY2018
Current Dollars



Organized Research Expenditures by Discipline - FY2016 to FY2018
In Constant FY2018 Dollars



* Disciplines are defined by the NSF. Each Cornell department or sub-department is mapped to one NSF discipline. Cornell's 2018 department mapping: <https://ras.research.cornell.edu/VPR/ResExp/ResExpDisciplines2018.xlsx>

In FY2016 the NSF changed several discipline definitions and names (see <https://ras.research.cornell.edu/VPR/ResExp/HERD-2016-Table-Format.pdf>). The charts above reflect these changes and Cornell's remapping of departments and sub-departments.

The American Recovery and Reinvestment Act of 2009 (ARRA) resulted in an increase of funding and expenditures from 2009 to 2011.

Cornell University Research Expenditures

July 1, 2017 - June 30, 2018

Organized Research Data Tables

Data Table 1 - Year to Year Change by Principal Investigator's Division and Funding Type

	Federal Sponsored			Non-Federal Sponsored			State and Federal Appropriations		
	FY17	FY18	% Chg	FY17	FY18	% Chg	FY17	FY18	% Chg
Endowed College Units	\$173,599,393	\$187,193,235	7.8%	\$21,302,829	\$26,825,617	25.9%	\$33,745	\$89,992	166.7%
Contract College Units	\$103,715,132	\$107,527,609	3.7%	\$50,733,317	\$63,896,098	25.9%	\$59,001,189	\$61,613,492	4.4%
Weill Cornell Medical Colleges	\$154,598,183	\$169,301,018	9.5%	\$123,567,835	\$141,768,372	14.7%	\$0	\$0	
Total Expenditures	\$431,912,708	\$464,021,861	7.4%	\$195,603,980	\$232,490,086	18.9%	\$59,034,934	\$61,703,484	4.5%

	Total Externally Funded			Cornell Support			Total Research		
	FY17	FY18	% Chg	FY17	FY18	% Chg	FY17	FY18	% Chg
Endowed College Units	\$194,935,967	\$214,108,843	9.8%	\$22,589,339	\$25,149,502	11.3%	\$217,525,306	\$239,258,345	10.0%
Contract College Units	\$213,449,638	\$233,037,199	9.2%	\$73,110,281	\$77,424,158	5.9%	\$286,559,919	\$310,461,357	8.3%
Weill Cornell Medical Colleges	\$278,166,018	\$311,069,389	11.8%	\$38,294,368	\$40,856,971	6.7%	\$316,460,386	\$351,926,360	11.2%
Total Expenditures	\$686,551,623	\$758,215,431	10.4%	\$133,993,988	\$143,430,631	7.0%	\$820,545,611	\$901,646,062	9.9%

Cornell University Research Expenditures

July 1, 2017 - June 30, 2018

Departmental Research Data Tables

Data Table 2 - Year to Year Change by Principal Investigator's Division and Funding Type

	Federal Sponsored			Non-Federal Sponsored			State and Federal Appropriations		
	FY17	FY18	% Chg	FY17	FY18	% Chg	FY17	FY18	% Chg
Endowed College Units	\$0	\$116,638		\$0	\$3,216		\$0	\$0	
Contract College Units	\$0	\$0		\$68,723	\$47,559	-30.8%	\$9,397,128	\$10,769,232	14.6%
Weill Cornell Medical Colleges	\$0	\$0		\$0	\$0		\$0	\$0	
Total Expenditures	\$0	\$116,638		\$68,723	\$50,775	-26.1%	\$9,397,128	\$10,769,232	14.6%

	Total Externally Funded			Cornell Support			Total Research		
	FY17	FY18	% Chg	FY17	FY18	% Chg	FY17	FY18	% Chg
Endowed College Units	\$0	\$119,855		\$46,935,087	\$49,048,484	4.5%	\$46,935,087	\$49,168,339	4.8%
Contract College Units	\$9,465,851	\$10,816,790	14.3%	\$41,879,364	\$43,898,735	4.8%	\$51,345,215	\$54,715,525	6.6%
Weill Cornell Medical Colleges	\$0	\$0		\$66,651,483	\$68,450,433	2.7%	\$66,651,483	\$68,450,433	2.7%
Total Expenditures	\$9,465,851	\$10,936,645	15.5%	\$155,465,934	\$161,397,652	3.8%	\$164,931,785	\$172,334,297	4.5%

Cornell University Research Expenditures

July 1, 2017 - June 30, 2018

Total Research Expenditure Data Tables

Data Table 3 - Year to Year Change by Principal Investigator's Division and Funding Type

	Federal Sponsored			Non-Federal Sponsored			State and Federal Appropriations		
	FY17	FY18	% Chg	FY17	FY18	% Chg	FY17	FY18	% Chg
Endowed College Units	\$173,599,393	\$187,309,873	7.9%	\$21,302,829	\$26,828,833	25.9%	\$33,745	\$89,992	166.7%
Contract College Units	\$103,715,132	\$107,527,609	3.7%	\$50,802,040	\$63,943,656	25.9%	\$68,398,317	\$72,382,723	5.8%
Weill Cornell Medical Colleges	\$154,598,183	\$169,301,018	9.5%	\$123,567,835	\$141,768,372	14.7%	\$0	\$0	
Total Expenditures	\$431,912,708	\$464,138,500	7.5%	\$195,672,704	\$232,540,861	18.8%	\$68,432,062	\$72,472,715	5.9%

	Total Externally Funded			Cornell Support			Total Research		
	FY17	FY18	% Chg	FY17	FY18	% Chg	FY17	FY18	% Chg
Endowed College Units	\$194,935,967	\$214,228,698	9.9%	\$69,524,426	\$74,197,986	6.7%	\$264,460,393	\$288,426,684	9.1%
Contract College Units	\$222,915,489	\$243,853,989	9.4%	\$114,989,645	\$121,322,893	5.5%	\$337,905,134	\$365,176,882	8.1%
Weill Cornell Medical Colleges	\$278,166,018	\$311,069,389	11.8%	\$104,945,851	\$109,307,404	4.2%	\$383,111,869	\$420,376,793	9.7%
Total Expenditures	\$696,017,474	\$769,152,076	10.5%	\$289,459,922	\$304,828,283	5.3%	\$985,477,396	\$1,073,980,359	9.0%

Cornell University Research Expenditures

July 1, 2017 - June 30, 2018

Organized Research Data Tables

Data Table 4 - Breakdown by Principal Investigator's Unit and Funding Type

	Sponsored Research			State and Federal Appropriations			Cornell	Total Research		
	Federal Government	Non-Federal	Sponsored Subtotal	Federal Government	NY State	Appropriated Subtotal	Cornell Support	Total Research	% of Total	% Change from FY17
Endowed College Units (Ithaca)										
College of Engineering	\$89,498,520	\$17,696,062	\$107,194,582	\$28,023	\$2,174	\$30,197	\$11,028,451	\$118,253,229	13.1%	17.1%
College of Arts and Sciences	\$67,502,759	\$6,024,967	\$73,527,726	\$26,121	\$0	\$26,121	\$10,528,495	\$84,082,342	9.3%	-3.0%
Computing and Information Science	\$12,891,911	\$1,630,420	\$14,522,330	\$666	\$0	\$666	\$1,528,996	\$16,051,992	1.8%	24.0%
Other College & Unit	\$9,826,240	\$787,489	\$10,613,728	\$15,761	\$14,704	\$30,465	\$1,110,718	\$11,754,911	1.3%	14.7%
Cornell Tech	\$4,510,291	\$609,676	\$5,119,967	\$0	\$0	\$0	\$447,389	\$5,567,356	0.6%	26.6%
Research Division	\$2,925,053	\$77,004	\$3,002,057	\$0	\$0	\$0	\$486,531	\$3,488,588	0.4%	58.2%
College of Business - Endowed	\$38,461	\$0	\$38,461	\$0	\$2,544	\$2,544	\$18,922	\$59,927	0.0%	
Total Endowed College Units	\$187,193,235	\$26,825,617	\$214,018,851	\$70,570	\$19,422	\$89,992	\$25,149,502	\$239,258,345	26.5%	10.0%
Contract College Units (Ithaca)										
College of Agriculture and Life Sciences	\$66,990,556	\$49,424,353	\$116,414,910	\$5,959,882	\$39,481,339	\$45,441,221	\$50,598,648	\$212,454,778	23.6%	7.3%
College of Veterinary Medicine	\$22,784,173	\$6,633,691	\$29,417,864	\$451,714	\$6,449,460	\$6,901,174	\$11,612,726	\$47,931,763	5.3%	4.1%
College of Human Ecology	\$8,722,618	\$3,615,503	\$12,338,120	\$503,187	\$7,203,267	\$7,706,454	\$11,869,229	\$31,913,803	3.5%	-0.2%
Industrial & Labor Relations	\$6,831,427	\$744,749	\$7,576,176	\$0	\$1,206,184	\$1,206,184	\$1,533,160	\$10,315,520	1.1%	-2.0%
College of Business - Contract	\$2,198,836	\$3,477,802	\$5,676,637	\$184,297	\$174,163	\$358,460	\$1,810,395	\$7,845,492	0.9%	
Total Contract College Units	\$107,527,609	\$63,896,098	\$171,423,707	\$7,099,080	\$54,514,412	\$61,613,492	\$77,424,158	\$310,461,357	34.4%	8.3%
Total Ithaca	\$294,720,844	\$90,721,714	\$385,442,558	\$7,169,650	\$54,533,834	\$61,703,484	\$102,573,660	\$549,719,702	61.0%	9.1%
Weill Cornell Medical Colleges										
Weill Cornell Medicine	\$169,301,018	\$97,402,557	\$266,703,575	\$0	\$0	\$0	\$40,856,971	\$307,560,546	34.1%	13.3%
Weill Cornell Medicine in Qatar	\$0	\$44,365,814	\$44,365,814	\$0	\$0	\$0	\$0	\$44,365,814	4.9%	-1.6%
Total Weill Cornell Medical Colleges	\$169,301,018	\$141,768,372	\$311,069,389	\$0	\$0	\$0	\$40,856,971	\$351,926,360	39.0%	11.2%
Total Research Expenditures	\$464,021,861	\$232,490,086	\$696,511,947	\$7,169,650	\$54,533,834	\$61,703,484	\$143,430,631	\$901,646,062	100.0%	9.9%
Percentage of Grand Total	51.5%	25.8%	77.2%	0.8%	6.0%	6.8%	15.9%	100.0%		

Cornell University Research Expenditures

July 1, 2017 - June 30, 2018

Departmental Research Data Tables

Data Table 5 - Breakdown by Principal Investigator's Unit and Funding Type

	Sponsored Research			State and Federal Appropriations			Cornell	Total Research		
	Federal Government	Non-Federal	Sponsored Subtotal	Federal Government	NY State	Appropriated Subtotal	Cornell Support	Total Research	% of Total	% Change from FY17
Endowed College Units (Ithaca)										
College of Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$17,457,190	\$17,457,190	10.1%	13.2%
College of Arts and Sciences	\$0	\$3,216	\$3,216	\$0	\$0	\$0	\$17,215,208	\$17,218,424	10.0%	4.8%
Cornell Tech	\$0	\$0	\$0	\$0	\$0	\$0	\$4,474,066	\$4,474,066	2.6%	36.3%
Computing and Information Science	\$0	\$0	\$0	\$0	\$0	\$0	\$3,914,726	\$3,914,726	2.3%	24.0%
Other College & Unit	\$116,638	\$0	\$116,638	\$0	\$0	\$0	\$3,648,266	\$3,764,904	2.2%	-41.9%
College of Business - Endowed	\$0	\$0	\$0	\$0	\$0	\$0	\$1,531,026	\$1,531,026	0.9%	
Research Division	\$0	\$0	\$0	\$0	\$0	\$0	\$808,003	\$808,003	0.5%	-62.6%
Total Endowed College Units	\$116,638	\$3,216	\$119,855	\$0	\$0	\$0	\$49,048,484	\$49,168,339	28.5%	4.8%
Contract College Units (Ithaca)										
College of Agriculture and Life Sciences	\$0	\$0	\$0	\$0	\$4,161,913	\$4,161,913	\$20,328,340	\$24,490,254	14.2%	-20.4%
College of Veterinary Medicine	\$0	\$23,602	\$23,602	\$0	\$1,980,920	\$1,980,920	\$10,384,050	\$12,388,572	7.2%	-0.5%
College of Business - Contract	\$0	\$0	\$0	\$0	\$3,173,398	\$3,173,398	\$6,907,905	\$10,081,303	5.8%	
College of Human Ecology	\$0	\$23,956	\$23,956	\$0	\$743,928	\$743,928	\$4,090,432	\$4,858,317	2.8%	-9.0%
Industrial & Labor Relations	\$0	\$0	\$0	\$0	\$709,071	\$709,071	\$2,188,008	\$2,897,079	1.7%	3.2%
Total Contract College Units	\$0	\$47,559	\$47,559	\$0	\$10,769,232	\$10,769,232	\$43,898,735	\$54,715,525	31.7%	6.6%
Total Ithaca	\$116,638	\$50,775	\$167,413	\$0	\$10,769,232	\$10,769,232	\$92,947,219	\$103,883,864	60.3%	5.7%
Weill Cornell Medical Colleges										
Weill Cornell Medicine	\$0	\$0	\$0	\$0	\$0	\$0	\$68,450,433	\$68,450,433	39.7%	2.7%
Total Weill Cornell Medical Colleges	\$0	\$0	\$0	\$0	\$0	\$0	\$68,450,433	\$68,450,433	39.7%	2.7%
Total Research Expenditures	\$116,638	\$50,775	\$167,413	\$0	\$10,769,232	\$10,769,232	\$161,397,652	\$172,334,297	100.0%	4.5%
Percentage of Grand Total	0.1%	0.0%	0.1%	0.0%	6.2%	6.2%	93.7%	100.0%		

Cornell University Research Expenditures

July 1, 2017 - June 30, 2018

Total Research Expenditure Data Tables

Data Table 6 - Breakdown by Principal Investigator's Unit and Funding Type

	Sponsored Research			State and Federal Appropriations			Cornell	Total Research		
	Federal Government	Non-Federal	Sponsored Subtotal	Federal Government	NY State	Appropriated Subtotal	Cornell Support	Total Research	% of Total	% Change from FY17
Endowed College Units (Ithaca)										
College of Engineering	\$89,498,520	\$17,696,062	\$107,194,582	\$28,023	\$2,174	\$30,197	\$28,485,641	\$135,710,419	12.6%	16.6%
College of Arts and Sciences	\$67,502,759	\$6,028,183	\$73,530,942	\$26,121	\$0	\$26,121	\$27,743,703	\$101,300,766	9.4%	-1.8%
Computing and Information Science	\$12,891,911	\$1,630,420	\$14,522,330	\$666	\$0	\$666	\$5,443,721	\$19,966,718	1.9%	24.0%
Other College & Unit	\$9,942,878	\$787,489	\$10,730,366	\$15,761	\$14,704	\$30,465	\$4,758,984	\$15,519,815	1.4%	-7.2%
Cornell Tech	\$4,510,291	\$609,676	\$5,119,967	\$0	\$0	\$0	\$4,921,455	\$10,041,422	0.9%	30.8%
Research Division	\$2,925,053	\$77,004	\$3,002,057	\$0	\$0	\$0	\$1,294,534	\$4,296,591	0.4%	-1.6%
College of Business - Endowed	\$38,461	\$0	\$38,461	\$0	\$2,544	\$2,544	\$1,549,949	\$1,590,953	0.1%	
Total Endowed College Units	\$187,309,873	\$26,828,833	\$214,138,706	\$70,570	\$19,422	\$89,992	\$74,197,986	\$288,426,684	26.9%	9.1%
Contract College Units (Ithaca)										
College of Agriculture and Life Sciences	\$66,990,556	\$49,424,353	\$116,414,910	\$5,959,882	\$43,643,252	\$49,603,134	\$70,926,988	\$236,945,032	22.1%	3.6%
College of Veterinary Medicine	\$22,784,173	\$6,657,293	\$29,441,466	\$451,714	\$8,430,380	\$8,882,094	\$21,996,775	\$60,320,336	5.6%	3.2%
College of Human Ecology	\$8,722,618	\$3,639,459	\$12,362,077	\$503,187	\$7,947,196	\$8,450,382	\$15,959,661	\$36,772,120	3.4%	-1.5%
College of Business - Contract	\$2,198,836	\$3,477,802	\$5,676,637	\$184,297	\$3,347,561	\$3,531,858	\$8,718,300	\$17,926,796	1.7%	
Industrial & Labor Relations	\$6,831,427	\$744,749	\$7,576,176	\$0	\$1,915,255	\$1,915,255	\$3,721,168	\$13,212,599	1.2%	-0.9%
Total Contract College Units	\$107,527,609	\$63,943,656	\$171,471,266	\$7,099,080	\$65,283,644	\$72,382,723	\$121,322,893	\$365,176,882	34.0%	8.1%
Total Ithaca	\$294,837,482	\$90,772,489	\$385,609,971	\$7,169,650	\$65,303,066	\$72,472,715	\$195,520,879	\$653,603,566	60.9%	8.5%
Weill Cornell Medical Colleges										
Weill Cornell Medicine	\$169,301,018	\$97,402,557	\$266,703,575	\$0	\$0	\$0	\$109,307,404	\$376,010,978	35.0%	11.2%
Weill Cornell Medicine in Qatar	\$0	\$44,365,814	\$44,365,814	\$0	\$0	\$0	\$0	\$44,365,814	4.1%	-1.6%
Total Weill Cornell Medical Colleges	\$169,301,018	\$141,768,372	\$311,069,389	\$0	\$0	\$0	\$109,307,404	\$420,376,793	39.1%	9.7%
Total Research Expenditures	\$464,138,500	\$232,540,861	\$696,679,361	\$7,169,650	\$65,303,066	\$72,472,715	\$304,828,283	\$1,073,980,359	100.0%	9.0%
Percentage of Grand Total	43.2%	21.7%	64.9%	0.7%	6.1%	6.7%	28.4%	100.0%		

Cornell University Research Expenditures

July 1, 2017 - June 30, 2018

Organized Research Data Tables

Data Table 7 - Breakdown by Principal Investigator's Unit and Federal Funding Source

	DHHS	NSF	Dept of Defense	Dept of Agriculture	Dept of Energy	NASA	AID	All Other Federal	Total Federal Expenditures	% Change from FY17
Endowed College Units (Ithaca)										
College of Engineering	\$14,062,810	\$47,192,042	\$16,190,059	\$507,900	\$7,435,115	\$2,235,668	\$0	\$1,874,926	\$89,498,520	11.2%
College of Arts and Sciences	\$20,286,412	\$21,500,236	\$5,568,719	\$667,121	\$11,236,917	\$8,078,371	\$0	\$164,983	\$67,502,759	-1.1%
Computing and Information Science	\$60,041	\$9,241,335	\$3,058,614	\$0	\$78,660	\$107,432	\$0	\$345,828	\$12,891,911	17.9%
Other College & Unit *	\$17,012	\$9,319,059	\$0	\$18,741	\$195,569	\$0	\$0	\$275,859	\$9,826,240	21.1%
Cornell Tech	\$33,063	\$3,698,632	\$770,806	\$0	\$0	\$0	\$0	\$7,790	\$4,510,291	19.7%
Research Division	\$140,300	\$2,784,753	\$0	\$0	\$0	\$0	\$0	\$0	\$2,925,053	45.7%
College of Business - Endowed	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$38,461	\$38,461	
Total Endowed College Units	\$34,599,638	\$93,736,058	\$25,588,199	\$1,193,762	\$18,946,262	\$10,421,471	\$0	\$2,707,845	\$187,193,235	7.8%
Contract College Units (Ithaca)										
College of Agriculture and Life Sciences	\$14,966,629	\$20,577,317	\$1,349,676	\$22,644,792	\$1,510,719	\$202,186	\$1,787,604	\$3,951,632	\$66,990,556	1.0%
College of Veterinary Medicine	\$20,057,310	\$4,342	\$355,389	\$2,317,636	\$0	\$15,640	\$10,357	\$23,500	\$22,784,173	7.4%
College of Human Ecology	\$5,439,360	\$811,760	\$70,964	\$1,235,607	\$798,610	\$0	\$13,075	\$353,243	\$8,722,618	-4.6%
Industrial & Labor Relations	\$1,298,757	\$495,826	\$0	\$0	\$0	\$0	\$4,995	\$5,031,849	\$6,831,427	-3.1%
College of Business - Contract	\$0	\$421,719	\$0	\$1,641,410	\$75,509	\$0	\$60,197	\$0	\$2,198,836	
Total Contract College Units	\$41,762,055	\$22,310,965	\$1,776,029	\$27,839,444	\$2,384,838	\$217,826	\$1,876,228	\$9,360,225	\$107,527,609	3.7%
Total Ithaca	\$76,361,694	\$116,047,022	\$27,364,228	\$29,033,206	\$21,331,099	\$10,639,297	\$1,876,228	\$12,068,070	\$294,720,844	6.3%
Weill Cornell Medical Colleges										
Weill Cornell Medicine	\$161,129,035	\$748,514	\$7,272,902	\$0	\$25,579	\$100,890	\$0	\$24,097	\$169,301,018	9.5%
Weill Cornell Medicine in Qatar	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-100.0%
Total Weill Cornell Medical Colleges	\$161,129,035	\$748,514	\$7,272,902	\$0	\$25,579	\$100,890	\$0	\$24,097	\$169,301,018	9.5%
Total Federal Expenditures	\$237,490,729	\$116,795,536	\$34,637,130	\$29,033,206	\$21,356,679	\$10,740,187	\$1,876,228	\$12,092,167	\$464,021,861	7.4%
Percentage of Federal Expenditures	51.2%	25.2%	7.5%	6.3%	4.6%	2.3%	0.4%	2.6%	100.0%	
Percentage of Total Expenditures	26.3%	13.0%	3.8%	3.2%	2.4%	1.2%	0.2%	1.3%	51.5%	

* Departmental research adds \$116,638 to Other Colleges & Unit.

Cornell University Research Expenditures
July 1, 2017 - June 30, 2018

Organized Research Data Tables
Data Table 8 - Year to Year Change by Federal Agency

Sponsor	FY17	Percent to Total	FY18	Percent to Total	% Change in Amount
DHHS	\$217,551,689	50.4%	\$237,490,729	51.2%	9.2%
NSF	\$107,092,046	24.8%	\$116,795,536	25.2%	9.1%
Dept of Defense	\$34,489,573	8.0%	\$34,637,130	7.5%	0.4%
Dept of Agriculture	\$29,166,824	6.8%	\$29,033,206	6.3%	-0.5%
Dept of Energy	\$18,750,060	4.3%	\$21,356,679	4.6%	13.9%
NASA	\$11,652,357	2.7%	\$10,740,187	2.3%	-7.8%
AID	\$2,936,653	0.7%	\$1,876,228	0.4%	-36.1%
All Other Federal *	\$10,273,506	2.4%	\$12,092,167	2.6%	17.7%
Total	\$431,912,708	100.0%	\$464,021,861	100.0%	7.4%

* Departmental Research in 2018 adds \$116,638 to All Other Federal.

Cornell University Research Expenditures

July 1, 2017 - June 30, 2018

Organized Research Data Tables

Data Table 9 - Breakdown by Principal Investigator's Unit and Non-Federal Funding Source

	Foundations	State & Local Government	Corporation & Trade Assoc	Non-Profits	All Other Non-Federal	Total Non-Federal Expenditures	% Change from FY17
Endowed College Units (Ithaca)							
College of Engineering	\$927,752	\$10,811,473	\$3,081,817	\$734,001	\$2,141,018	\$17,696,062	52.2%
College of Arts and Sciences	\$2,629,195	\$92,375	\$1,337,663	\$1,296,437	\$669,296	\$6,024,967	-17.9%
Computing and Information Science	\$589,168	\$32,561	\$723,304	\$61,104	\$224,283	\$1,630,420	56.9%
Other College & Unit	\$635,216	\$24,702	\$12,480	\$11,756	\$103,335	\$787,489	-6.4%
Cornell Tech	\$500,748	\$0	\$15,300	\$93,628	\$0	\$609,676	58.8%
Research Division	\$0	\$61,661	\$0	\$0	\$15,343	\$77,004	6.5%
Total Endowed College Units	\$5,282,078	\$11,022,772	\$5,170,564	\$2,196,927	\$3,153,276	\$26,825,617	25.9%
Contract College Units (Ithaca)							
College of Agriculture and Life Sciences	\$25,897,924	\$13,714,935	\$4,483,084	\$4,297,979	\$1,030,431	\$49,424,353	23.3%
College of Veterinary Medicine	\$2,377,464	\$1,583,777	\$1,264,924	\$1,187,093	\$220,433	\$6,633,691	7.5%
College of Human Ecology	\$1,613,083	\$154,489	\$168,009	\$1,301,677	\$378,244	\$3,615,503	-1.7%
College of Business - Contract	\$2,541,511	\$75,004	\$112,254	\$745,943	\$3,089	\$3,477,802	
Industrial & Labor Relations	\$617,248	\$0	\$0	\$127,501	\$0	\$744,749	-5.5%
Total Contract College Units	\$33,047,230	\$15,528,205	\$6,028,272	\$7,660,194	\$1,632,196	\$63,896,098	25.9%
Total Ithaca *	\$38,329,308	\$26,550,977	\$11,198,835	\$9,857,121	\$4,785,472	\$90,721,714	25.9%
Weill Cornell Medical Colleges							
Weill Cornell Medicine	\$38,704,533	\$4,981,125	\$53,184,925	\$0	\$531,975	\$97,402,557	24.1%
Weill Cornell Medicine in Qatar	\$43,302,599	\$0	\$1,046,854	\$0	\$16,361	\$44,365,814	-1.6%
Total Weill Cornell Medical Colleges	\$82,007,132	\$4,981,125	\$54,231,779	\$0	\$548,336	\$141,768,372	14.7%
Total Non-Federal Expenditures	\$120,336,440	\$31,532,102	\$65,430,614	\$9,857,121	\$5,333,809	\$232,490,086	18.9%
Percentage of Non-Federal Expenditures	51.8%	13.6%	28.1%	4.2%	2.3%	100.0%	
Percentage of Total Expenditures	13.3%	3.5%	7.3%	1.1%	0.6%	25.8%	

* Departmental Research adds \$50,775 to the total non-federal expenditures.

Cornell University Research Expenditures
 July 1, 2017 - June 30, 2018

Organized Research Data Tables
 Data Table 10 - Year to Year Change by Non-Federal Funding Source

Sponsor	FY17	Percent to Total	FY18	Percent to Total	% Change in Amount
Foundations	\$107,065,647	27.5%	\$120,336,440	27.5%	12.4%
Corporation & Trade Assoc	\$48,296,051	12.4%	\$65,430,614	15.0%	35.5%
State & Local Government	\$26,771,806	6.9%	\$31,532,102	7.2%	17.8%
Non-Profits	\$9,448,186	2.4%	\$9,857,121	2.3%	4.3%
All Other Non-Federal	\$4,022,290	1.0%	\$5,333,809	1.2%	32.6%
Federal Appropriations	\$6,269,518	1.6%	\$7,169,650	1.6%	14.4%
New York State Appropriations	\$52,765,416	13.6%	\$54,533,834	12.5%	3.4%
Cornell Support	\$133,993,988	34.5%	\$143,430,631	32.8%	7.0%
Total	\$388,632,903	100.0%	\$437,624,201	100.0%	12.6%

Cornell University Research Expenditures
July 1, 2017 - June 30, 2018

Departmental Research Data Tables
Data Table 11 - Year to Year Change by Non-Federal Funding Source

Sponsor	FY17	Percent to Total	FY18	Percent to Total	% Change in Amount
Foundations	\$0	0.0%	\$0	0.0%	0.0%
Corporation & Trade Assoc	\$42,047	0.0%	\$23,956	0.0%	-43.0%
State & Local Government	\$26,677	0.0%	\$23,602	0.0%	-11.5%
Non-Profits	\$0	0.0%	\$3,216	0.0%	0.0%
All Other Non-Federal	\$0	0.0%	\$0	0.0%	0.0%
Federal Appropriations	\$0	0.0%	\$0	0.0%	0.0%
New York State Appropriations	\$9,397,128	5.7%	\$10,769,232	6.3%	14.6%
Cornell Support	\$155,465,934	94.3%	\$161,397,652	93.7%	3.8%
Total	\$164,931,785	100.0%	\$172,217,659	100.0%	4.4%

Cornell University Research Expenditures
 July 1, 2017 - June 30, 2018

Total Research Expenditure Data Tables
 Data Table 12 - Year to Year Change by Non-Federal Funding Source

Sponsor	FY17	Percent to Total	FY18	Percent to Total	% Change in Amount
Foundations	\$107,065,647	19.3%	\$120,336,440	19.7%	12.4%
Corporation & Trade Assoc	\$48,338,097	8.7%	\$65,454,571	10.7%	35.4%
State & Local Government	\$26,798,483	4.8%	\$31,555,704	5.2%	17.8%
Non-Profits	\$9,448,186	1.7%	\$9,860,338	1.6%	4.4%
All Other Non-Federal	\$4,022,290	0.7%	\$5,333,809	0.9%	32.6%
Federal Appropriations	\$6,269,518	1.1%	\$7,169,650	1.2%	14.4%
New York State Appropriations	\$62,162,544	11.2%	\$65,303,066	10.7%	5.1%
Cornell Support	\$289,459,922	52.3%	\$304,828,283	50.0%	5.3%
Total	\$553,564,688	100.0%	\$609,841,859	100.0%	10.2%

Office of the Vice Provost for Research