

UNIVERSITY OF KANSAS

Office of Institutional Research and Planning

7/18 rev

TABLE 7-400
EXPENDITURES FOR SEPARATELY BUDGETED RESEARCH
INCLUDING CAPITAL, SERVICE, TRAINING AND OTHER
BY SOURCE OF FUNDS
FISCAL YEAR 1987-2017
 University of Kansas
 Lawrence and Medical Center

<u>Fiscal Year</u>	<u>Federal Government</u>	<u>Private Industry</u>	<u>Institutional and State/Local</u>	<u>Nonprofit Foundations and Other</u>	<u>Total</u>
1987	\$ 29,764,860	\$ 3,380,437	\$ 24,813,054	\$ 2,266,960	\$ 60,225,311
1988	32,258,983	3,019,126	25,698,553	2,134,404	63,111,066
1989	34,265,945	2,945,435	30,069,139	2,279,687	69,560,206
1990	35,100,825	4,626,504	32,547,445	2,533,205	74,807,979
1991	35,512,461	4,434,908	37,599,123	3,463,164	81,009,656
1992	41,923,868	5,150,898	40,449,949	3,995,843	91,520,558
1993	49,110,000	4,181,000	43,658,000	5,792,000	102,741,000
1994	52,307,000	4,685,000	50,994,000	7,429,000	115,415,000
1995	56,328,119	8,501,725	52,027,775	6,679,932	123,537,551
1996 rev.	55,599,509	10,428,017	51,079,655	6,896,460	124,003,641
1997 rev.	62,682,872	9,708,023	54,110,062	7,542,565	134,043,522
1998	64,878,000	10,439,000	57,071,000	14,678,000	147,066,000
1999	72,154,000	19,753,000	60,640,000	15,028,000	167,575,000
2000	91,864,000	15,954,000	70,728,000	14,612,000	193,158,000
2001	101,248,000	5,713,000	93,750,000	23,311,000	224,022,000
2002	114,683,000	7,103,000	105,584,000	15,483,000	242,853,000
2003	133,309,000	6,655,000	103,780,000	14,162,000	257,906,000
2004	155,158,000	5,343,000	99,675,000	13,675,000	273,851,000
2005	162,427,000	6,362,000	100,529,000	11,676,000	280,995,000
2006	171,933,000	7,824,000	100,132,000	12,372,000	292,261,000
2007	163,758,596	8,188,042	102,429,012	14,378,526	288,754,176
2008	166,737,724	7,518,176	107,531,353	15,640,849	297,428,103
2009	172,380,000	9,050,000	110,731,000	16,778,000	308,939,000
2010	186,067,000	7,533,000	120,120,000	20,508,000	334,227,000
2011	214,496,000	7,952,000	91,376,000	25,557,000	339,381,000
2012	223,446,000	8,432,000	93,136,000	35,387,000	360,401,000
2013	210,679,627	10,075,193	126,899,457	26,995,289	374,649,565
2014	192,618,030	12,972,323	128,795,590	18,972,175	353,358,118
2015	179,714,714	14,252,826	131,845,517	25,954,928	351,767,985
2016 rev.	166,112,667	13,992,390	147,396,464	21,594,245	349,095,766
2017 rev.	168,079,280	17,283,246	126,892,528	24,888,209	337,143,263

Notes: Does not include sponsored student financial aid programs.
 FY 1996 and FY 1997 state/local and institutional data were restated by KU Center for Research.
 Beginning FY 2010 clinical trials are included. Beginning in FY 2011 Capital Expenditures from KUMC are included in Other.
 Other includes Capital, Service, Training, KANU, symposiums, performances, and art exhibits.

Source: "Expenditures for Separately Budgeted Research, Training, and Other, FY 1987-2008," Sponsored Project Expenditures; KUCR - FY 2009-2017 revised.

7/18 rev

TABLE 7-401
EXPENDITURES FOR SEPARATELY BUDGETED RESEARCH
INCLUDING CAPITAL, SERVICE, TRAINING AND OTHER
BY TYPE OF RESEARCH
FISCAL YEAR 1987-2017
University of Kansas
Lawrence and Medical Center

Fiscal Year	Science Research	Nonscience Research	Clinical Trials	Sponsored Training Programs	Sponsored Other	Total
1987	\$ 50,603,000	\$ 1,574,005		\$ 7,764,367	\$ 283,939	\$60,225,311
1988	51,723,000	2,567,008		8,501,783	319,275	63,111,066
1989	57,111,000	2,675,748		9,623,428	150,030	69,560,206
1990	61,144,000	3,041,602		10,169,563	452,814	74,807,979
1991	65,982,000	3,374,304		11,323,379	329,973	81,009,656
1992	75,004,000	3,434,351		12,233,660	848,547	91,520,558
1993	85,134,000	1,224,000		15,388,000	995,000	102,741,000
1994	95,701,000	2,483,000		16,525,000	706,000	115,415,000
1995	100,702,000	2,640,696		19,217,483	977,372	123,537,551
1996 rev.	100,649,000	2,388,465		19,924,805	1,041,371	124,003,641
1997 rev.	108,893,000	2,790,797		19,616,457	2,743,268	134,043,522
1998	117,115,000	3,758,000		24,869,000	1,324,000	147,066,000
1999	132,752,000	4,951,000		28,540,000	1,332,000	167,575,000
2000	148,670,000	4,859,000		36,355,000	3,274,000	193,158,000
2001	156,468,000	10,514,000		52,122,000	4,918,000	224,022,000
2002	172,131,000	14,405,000		47,803,000	8,514,000	242,853,000
2003	173,024,000	17,196,000		49,658,000	18,028,000	257,906,000
2004	181,192,000	18,813,000		45,517,000	28,329,000	273,851,000
2005	190,104,605	25,165,625		42,267,921	23,456,700	280,994,851
2006	195,946,918	27,383,618		46,692,304	22,237,720	292,260,560
2007	201,853,890	23,755,746		37,957,645	25,186,895	288,754,176
2008	215,364,435	17,151,412		33,706,704	31,205,552	297,428,103
2009	225,872,000	17,263,000		34,389,000	31,415,000	308,939,000
2010	252,296,000	17,558,000		33,257,000	31,115,000	334,227,000
2011	239,689,000	26,652,000	\$8,373,000	23,610,000	41,057,000	339,381,000
2012	248,744,000	29,945,000	7,571,000	22,650,000	51,491,000	360,401,000
2013	259,551,459	31,448,301	7,498,530	26,797,378	49,353,897	374,649,565
2014	251,188,905	50,344,447		20,736,089	31,088,676	353,358,117
2015	257,773,832	53,610,152		15,626,515	24,757,486	351,767,985
2016 rev.	241,118,934	56,548,015		15,766,559	35,662,259	349,095,767
2017 rev.	251,141,741	49,176,576		13,897,378	22,927,568	337,143,263

Notes: Does not include sponsored student financial aid programs.
Sponsored Other includes Capital, Service, KANU, symposiums, performances, and art exhibits.
Beginning in FY 2011 Capital Expenditures from KUMC are included in Sponsored Other.
FY 1996 and FY 1997 nonscience research data were restated by KU Center for Research.
Science research includes clinical trials in FY 2010 and again in FY 2014-17.

Source: "Expenditures for Separately Budgeted Research, Training, and Other -FY 1987-2008,"
Sponsored Program Expenditures; KUCR - FY 2009-2017 revised.

UNIVERSITY OF KANSAS
Office of Institutional Research and Planning

7/18 rev

TABLE 7-402
EXPENDITURES FOR SEPARATELY BUDGETED RESEARCH
INCLUDING CAPITAL, SERVICE, TRAINING AND OTHER
FISCAL YEAR 2013-2017
University of Kansas
Lawrence and Medical Center
(Thousands of Dollars)

	<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>FY 2016 rev.</u>	<u>FY 2017 rev.</u>
<u>Science Research</u>					
Federal Government	\$145,708	\$131,187	\$128,376	\$116,937	\$126,110
Private Industry/Business	5,848	12,641	13,916	13,450	16,687
Institutional/State & Local	87,931	93,060	94,021	93,148	87,345
Nonprofit Foundations/Other	20,065	14,301	21,460	17,584	21,000
TOTAL - Science	\$259,552	\$251,189	\$257,773	\$241,119	\$251,142
<u>Nonscience Research</u>					
Federal Government	\$26,464	\$34,255	\$27,470	\$22,893	\$22,068
Private Industry/Business	23	62	101	142	146
Institutional/State & Local	4,044	14,623	23,981	32,250	25,567
Nonprofit Foundations/Other	917	1,404	2,059	1,263	1,395
TOTAL - Nonscience	\$31,448	\$50,344	\$53,611	\$56,548	\$49,176
<u>Clinical Trials</u>					
Federal Government	\$1,849				
Private Industry/Business	3,804				
Institutional/State & Local	1,046				
Nonprofit Foundations/Other	799				
TOTAL - Clinical Trials	\$7,498				
<u>Sponsored Training Programs</u>					
Federal Government	\$18,322	\$13,298	\$11,987	\$11,012	\$9,712
Private Industry/Business	1	1	25	8	154
Institutional/State & Local	7,901	6,825	3,387	4,263	3,406
Nonprofit Foundations/Other	573	612	227	484	625
TOTAL - Sponsored Training	\$26,797	\$20,736	\$15,626	\$15,767	\$13,897
<u>Sponsored Other</u>					
Federal Government	\$18,336	\$13,878	\$11,882	\$15,271	\$10,189
Private Industry/Business	400	268	211	429	152
Institutional/State & Local	25,977	14,288	10,456	17,735	10,277
Nonprofit Foundations/Other	4,641	2,655	2,209	2,264	1,701
TOTAL - Sponsored Other	\$49,354	\$31,089	\$24,758	\$35,699	\$22,319
<u>Grand Total</u>					
Federal Government	\$210,679	\$192,618	\$179,715	\$166,113	\$168,079
Private Industry/Business	10,076	12,972	14,253	13,992	17,283
Institutional/State & Local	126,899	128,796	131,845	147,396	126,893
Nonprofit Foundations/Other	26,995	18,972	25,955	21,594	24,888
GRAND TOTAL	\$374,649	\$353,358	\$351,768	\$349,095	\$337,143

Notes: Sponsored Other includes Capital, Service, KANU, symposiums, performances, and art exhibits.
Capital Expenditures from KUMC are included in Sponsored Other. Science research includes clinical trials in FY 2014 - FY 2017.

Source: Sponsored Program Expenditures; KUCR - FY 2013-2017 revised.

6/18

TABLE 7-405
RESEARCH AND DEVELOPMENT EXPENDITURES BY SOURCE OF FUNDS
FISCAL YEAR 2012-2017
University of Kansas
Lawrence and Medical Center
(Thousands of Dollars)

	<u>All Fields</u>					
	<u>FY 2012</u>	<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>
Federal:						
Engineering	\$ 8,619	\$10,002	\$10,982	\$ 8,826	\$ 8,945	\$11,002
Physical Sciences	13,841	15,034	13,081	12,384	9,025	10,290
Geosciences, Atmospheric, Ocean Sciences *	13,109	13,863	11,219	10,127	9,947	7,205
Mathematics	825	740	736	1,511	1,283	1,322
Computer Sciences	1,080	661	940	1,574	2,068	2,274
Life Sciences	104,249	100,372	88,807	89,466	80,288	85,392
Psychology	884	1,049	1,256	1,253	1,757	4,156
Social Sciences	3,000	2,763	2,277	1,900	2,696	3,103
Other Sciences	1,445	3,073	1,888	1,333	1,540	1,365
Non-Science Fields	23,991	26,464	34,256	27,461	22,453	22,069
TOTAL FEDERAL	\$171,043	\$174,021	\$165,442	\$155,835	\$140,002	\$148,178
State/Local Government	\$ 4,093	\$3,558	\$8,273	\$16,080	\$25,080	\$16,816
Business	6,861	9,675	12,704	14,017	14,341	16,834
Nonprofit Organizations	18,496	21,140	15,521	23,092	17,844	22,099
Institutional Funds	85,249	89,463	99,410	101,932	100,375	96,096
Other Nonfederal Sources	520	641	184	427	291	296
GRAND TOTAL	\$286,262	\$298,498	\$301,534	\$311,383	\$297,933	\$300,319

* Old category label - Environmental Sciences.

Source: "Higher Education Research and Development Survey," FY 2012-FY 2017, National Science Foundation.

UNIVERSITY OF KANSAS

Office of Institutional Research and Planning

4/18

TABLE 7-413
FEDERALLY FINANCED RESEARCH AND DEVELOPMENT EXPENDITURES
FY 2016

Public or Private	NSF Ranking	Public Ranking	Institution	Federal Dollars
Private*	1		Johns Hopkins University	\$2,104,653,000
Public*	2	1	University of Washington, Seattle	946,787,000
Public*	3	2	University of Michigan, Ann Arbor	786,749,000
Private*	4		Stanford University	694,693,000
Private*	5		University of Pennsylvania	655,791,000
Public*	6	3	University of North Carolina, Chapel Hill	632,426,000
Public*	7	4	University of California, San Diego	604,298,000
Medical	8		University of California, San Francisco	602,705,000
Private*	9		Columbia University	600,457,000
Public*	10	5	University of Pittsburgh, Pittsburgh	580,650,000
Private*	11		Duke University	575,521,000
Public*	12	6	Georgia Institute of Technology	568,430,000
Public*	13	7	University of Wisconsin, Madison	567,132,000
Private*	14		Harvard University	558,611,000
Public*	15	8	Pennsylvania State University, University Park & Hershey Medical Center	538,938,000
Private*	16		Massachusetts Institute of Technology	503,858,000
Private*	17		Yale University	503,221,000
Public*	18	9	University of California, Los Angeles	487,869,000
Public*	19	10	University of Minnesota, Twin Cities	469,260,000
Public*	20	11	Ohio State University	454,834,000
Private*	21		Washington University, St. Louis	442,335,000
Private*	22		Northwestern University	432,413,000
Private*	23		Cornell University	430,987,000
Private*	24		University of Southern California	409,516,000
Private*	25		Vanderbilt University	405,589,000
Public*	26	12	University of Colorado, Boulder	371,995,000
Public*	27	13	University of Maryland, College Park	369,285,000
Private*	28		Emory University	361,288,000
Public*	29	14	University of Texas, Austin	357,309,000
Private*	30		New York University	350,355,000
Public	31	15	University of Alabama, Birmingham	348,632,000
Medical	32		Icahn School of Medicine at Mount Sinai	342,104,000
Public*	33	16	University of California, Berkeley	341,807,000
Public*	34	17	University of California, Davis	339,209,000
Public*	35	18	University of Illinois, Urbana-Champaign	335,056,000
Public*	36	19	Rutgers, State Univ. of New Jersey, New Brunswick	321,432,000
Private*	37		Case Western Reserve University	321,214,000
Public*	38	20	Michigan State University	310,225,000
Public*	39	21	University of Florida	307,140,000
Medical	40		University of Colorado, Denver and Health Center	298,960,000
Private*	41		University of Chicago	297,953,000
Public*	42	22	Texas A&M University, College Station	293,551,000
Medical	43		Baylor College of Medicine	267,849,000
Private*	44		University of Rochester	266,322,000
Private*	45		California Institute of Technology	265,206,000
Public*	46	23	University of Arizona	262,989,000
Private*	47		Boston University	253,475,000
Private	48		Scripps Research Institute	242,489,000
Public*	49	24	University of Iowa	237,743,000
Public	50	25	University of Utah	233,652,000
Medical	51		Oregon Health and Science University	232,688,000
Public	52	26	Colorado State University, Ft. Collins	232,108,000
Public	53	27	University of Cincinnati	231,817,000
Public*	54	28	Purdue University, West Lafayette	229,093,000
Public	55	29	University of South Florida, Tampa	228,365,000
Public*	56	30	Indiana University, Bloomington	221,801,000
Public	57	31	Arizona State University	212,396,000

(continued)

TABLE 7-413 (concluded)
FEDERALLY FINANCED RESEARCH AND DEVELOPMENT EXPENDITURES
FY 2016

<u>Public or Private</u>	<u>NSF Ranking</u>	<u>Public Ranking</u>	<u>Institution</u>	<u>Federal Dollars</u>
Public*	58	32	University of Virginia, Charlottesville	\$210,980,000
Medical	59		University of Maryland, Baltimore	205,988,000
Public	60	33	North Carolina State University	202,336,000
Public	61	34	Virginia Polytechnic Institute and State Univ.	195,859,000
Private	62		University of Miami	195,328,000
Private*	63		Carnegie Mellon University	190,620,000
Public	64	35	University of Hawaii, Manoa	190,336,000
Medical	65		Albert Einstein College of Medicine	188,521,000
Public	66	36	University of Illinois, Chicago	187,990,000
Medical	67		University of Texas, Southwestern Medical Center	185,263,000
Public*	68	37	University of Buffalo	182,883,000
Medical	69		University of Massachusetts Medical School	181,446,000
Public*	70	38	University of California, Irvine	177,779,000
Medical	71		Uniformed Services U. of the Health Sciences	175,007,000
Private	72		Woods Hole Oceanographic Institution	166,010,000
Private*	73		Princeton University	162,003,000
Public	74	39	University of New Mexico	159,280,000
Public	75	40	Oregon State University	158,142,000
Medical	76		University of Texas M.D. Anderson Cancer Center	155,044,000
Public	77	41	University of Kentucky	154,559,000
Public	78	42	University of Connecticut	146,390,000
Public	79	43	University of Georgia	143,886,000
Public	80	44	Virginia Commonwealth University	143,701,000
Private	81		George Washington University	142,889,000
Private	82		Wake Forest University	141,052,000
Public	83	45	Temple University	140,775,000
Public*	84	46	University of Kansas	140,002,000

KU is 84th overall, and 46th among public institutions.

Other Institutions of Regional Interest

<u>Public or Private</u>	<u>NSF Ranking</u>	<u>Public Ranking</u>	<u>Institution</u>	<u>Federal Dollars</u>
Public	88	48	University of Oklahoma	\$134,772,000
Public*	92	51	Iowa State University	125,397,000
Public*	100	57	University of Missouri, Columbia	108,674,000
Public	105	59	University of Nebraska, Lincoln	95,426,000
Public	126	72	Kansas State University	71,224,000
Public*	132	77	University of Oregon	66,850,000
Public	156	93	Oklahoma State University, Stillwater	42,976,000
Public	173	107	Texas Tech University	32,405,000

* AAU members

Note: Stand alone medical institutions have been excluded from the public rankings.

UNIVERSITY OF KANSAS

Office of Institutional Research and Planning

5/17

TABLE 7-414
FEDERALLY FINANCED RESEARCH AND DEVELOPMENT EXPENDITURES
FY 2015

Public or Private	NSF Ranking	Public Ranking	Institution	Federal Dollars
Private*	1		Johns Hopkins University	\$1,992,837,000
Public*	2	1	University of Washington, Seattle	906,768,000
Public*	3	2	University of Michigan, Ann Arbor	735,447,000
Private*	4		Stanford University	675,930,000
Private*	5		University of Pennsylvania	611,620,000
Public*	7	3	University of California, San Diego	603,343,000
Private*	6		Columbia University	592,545,000
Public*	8	4	University of North Carolina, Chapel Hill	585,758,000
Public*	9	5	University of Pittsburgh, Pittsburgh	561,210,000
Private*	10		Duke University	559,217,000
Public*	11	6	Georgia Institute of Technology	551,084,000
Private*	12		Harvard University	545,202,000
Medical	13		University of California, San Francisco	535,457,000
Public*	14	7	University of Wisconsin, Madison	533,286,000
Public*	15	8	Pennsylvania State University, University Park & Hershey Medical Center	513,410,000
Public*	16	9	University of California, Los Angeles	489,404,000
Private*	17		Massachusetts Institute of Technology	488,421,000
Private*	18		Yale University	477,143,000
Public*	19	10	University of Minnesota, Twin Cities	476,029,000
Private*	20		Cornell University	446,360,000
Public*	21	11	Ohio State University	446,048,000
Private*	22		Washington University, St. Louis	432,228,000
Private*	23		University of Southern California	421,227,000
Private*	24		Vanderbilt University	401,738,000
Private*	25		Northwestern University	393,186,000
Public*	26	12	University of Colorado, Boulder	353,341,000
Private*	27		Emory University	348,071,000
Public*	28	13	University of California, Berkeley	346,262,000
Public*	29	14	University of Texas, Austin	346,215,000
Private*	30		New York University	344,570,000
Public*	31	15	University of Illinois, Urbana-Champaign	338,178,000
Public*	32	16	University of Maryland, College Park	332,393,000
Medical	33		Icahn School of Medicine at Mount Sinai	329,641,000
Public	34	17	University of Alabama, Birmingham	328,531,000
Public*	35	18	University of California, Davis	326,039,000
Public*	36	19	Rutgers, State Univ. of New Jersey, New Brunswick	323,675,000
Private*	37		Case Western Reserve University	308,434,000
Public*	38	20	Texas A&M University, College Station	304,437,000
Medical	39		Uniformed Services U. of the Health Sciences	299,007,000
Private*	40		University of Chicago	296,402,000
Public*	41	21	University of Florida	287,230,000
Public	42	22	University of Utah	274,375,000
Medical	43		University of Colorado, Denver and Health Center	274,345,000
Private	44		Scripps Research Institute	274,097,000
Public*	45	23	Michigan State University	272,838,000
Private*	46		California Institute of Technology	272,673,000
Public*	47	24	University of Arizona	269,959,000
Private*	48		University of Rochester	262,681,000
Private*	49		Boston University	259,736,000
Medical	50		Baylor College of Medicine	256,895,000
Public	51	25	University of Cincinnati	251,717,000
Medical	52		Oregon Health and Science University	245,509,000
Public*	53	26	University of Iowa	225,587,000
Public	54	27	Colorado State University, Ft. Collins	219,321,000
Public	55	28	University of South Florida, Tampa	218,338,000
Public*	56	29	Purdue University, West Lafayette	217,330,000
Medical	57		University of Maryland, Baltimore	216,687,000

(continued)

UNIVERSITY OF KANSAS

Office of Institutional Research and Planning

5/17

TABLE 7-414 (concluded)
FEDERALLY FINANCED RESEARCH AND DEVELOPMENT EXPENDITURES
FY 2015

<u>Public or Private</u>	<u>NSF Ranking</u>	<u>Public Ranking</u>	<u>Institution</u>	<u>Federal Dollars</u>
Private	58		University of Miami	\$216,008,000
Public*	59	30	Indiana University, Bloomington	210,899,000
Public*	60	31	University of Virginia, Charlottesville	203,401,000
Public	61	32	University of Hawaii, Manoa	200,202,000
Public	62	33	North Carolina State University	199,862,000
Public	63	34	Arizona State University	196,528,000
Public	64	35	Virginia Polytechnic Institute and State Univ.	196,096,000
Public	65	36	University of Illinois, Chicago	196,010,000
Private*	66		Carnegie Mellon University	187,259,000
Medical	68		University of Texas, Southwestern Medical Center	183,787,000
Medical	69		University of Massachusetts Medical School	183,588,000
Private	70		Yeshiva University	180,791,000
Public*	71	38	University of Buffalo	177,441,000
Public*	67	37	University of California, Irvine	174,875,000
Private	72		Woods Hole Oceanographic Institution	172,995,000
Medical	73		University of Texas M.D. Anderson Cancer Center	161,171,000
Private	74		Princeton University	158,313,000
Public*	75	39	University of Kansas	155,835,000

KU is 75th overall, and 39th among public institutions.

Other Institutions of Regional Interest

<u>Public or Private</u>	<u>NSF Ranking</u>	<u>Public Ranking</u>	<u>Institution</u>	<u>Federal Dollars</u>
Public	89	49	University of Oklahoma	\$127,709,000
Public*	96	53	Iowa State University	114,518,000
Public*	101	57	University of Missouri, Columbia	105,015,000
Public	103	59	University of Nebraska, Lincoln	95,831,000
Public	125	72	Kansas State University	69,918,000
Public*	126	73	University of Oregon	69,723,000
Public	158	96	Oklahoma State University, Stillwater	38,585,000
Public	170	106	Texas Tech University	32,987,000

* AAU members

Note: Stand alone medical institutions have been excluded from the public rankings.

Source: "Higher Education Research and Development Survey, FY 2015," National Science Foundation, WebCASPARE web site.

UNIVERSITY OF KANSAS

Office of Institutional Research and Planning

3/16

TABLE 7-415
FEDERALLY FINANCED RESEARCH AND DEVELOPMENT EXPENDITURES
FY 2014

Public or Private	NSF Ranking	Public Ranking	Institution	Federal Dollars
Private*	1		Johns Hopkins University	\$1,950,016,000
Public*	2	1	University of Washington, Seattle	909,034,000
Public*	3	2	University of Michigan, Ann Arbor	742,160,000
Private*	4		Stanford University	637,730,000
Private*	5		University of Pennsylvania	620,396,000
Public*	6	3	University of North Carolina, Chapel Hill	610,664,000
Private*	7		Columbia University	608,588,000
Public*	8	4	University of California, San Diego	599,095,000
Public*	9	5	University of Pittsburgh, Pittsburgh	582,136,000
Private*	10		Harvard University	572,918,000
Private*	11		Duke University	557,969,000
Public*	12	6	University of Wisconsin, Madison	548,388,000
Medical	13		University of California, San Francisco	544,697,000
Public*	14	7	Pennsylvania State University, University Park & Hershey Medical Center	520,574,000
Public*	15	8	Georgia Institute of Technology	512,015,000
Public*	16	9	University of Minnesota, Minneapolis	489,767,000
Private*	17		Massachusetts Institute of Technology	483,891,000
Private*	18		Yale University	480,384,000
Public*	19	10	University of California, Los Angeles	465,170,000
Public*	20	11	Ohio State University	454,484,000
Private*	21		Cornell University	439,770,000
Private*	22		University of Southern California	431,430,000
Private*	23		Vanderbilt University	422,448,000
Private*	24		Northwestern University	391,946,000
Private*	25		Washington University, St. Louis	383,734,000
Public*	26	12	Rutgers, State Univ. of New Jersey, New Brunswick	360,157,000
Public*	27	13	University of Illinois, Urbana-Champaign	343,275,000
Public*	28	14	University of Maryland, College Park	333,409,000
Public*	29	15	University of Texas, Austin	332,758,000
Private*	30		New York University	330,484,000
Private*	31		Emory University	330,378,000
Public*	32	16	University of California, Davis	330,367,000
Private*	33		Case Western Reserve University	329,320,000
Public*	34	17	University of Colorado, Boulder	314,890,000
Public*	35	18	University of California, Berkeley	313,390,000
Public*	36	19	Texas A&M University, College Station	311,920,000
Medical	37		Icahn School of Medicine at Mt. Sinai	300,667,000
Private	38		Scripps Research Institute	292,268,000
Public*	39	20	University of Arizona	290,370,000
Public*	40	21	University of Florida	289,327,000
Public	41	22	University of Utah	288,514,000
Medical	42		University of Colorado, Denver and Health Center	285,017,000
Private*	43		University of Chicago	281,464,000
Public	44	23	University of Alabama, Birmingham	280,333,000
Private*	45		California Institute of Technology	279,515,000
Private*	46		University of Rochester	266,767,000
Medical	47		Baylor College of Medicine	264,641,000
Public*	48	24	Michigan State University	261,826,000
Private*	49		Boston University	257,017,000
Medical	50		Oregon Health and Science University	247,740,000
Public	51	25	University of Cincinnati	245,086,000
Public*	52	26	Purdue University, West Lafayette	236,860,000
Public*	53	27	University of Iowa	235,527,000
Medical	54		University of Maryland, Baltimore	224,802,000
Public	55	28	University of South Florida, Tampa	222,790,000
Medical	56		Uniformed Services U. of the Health Sciences	213,389,000
Public	57	29	Colorado State University, Ft. Collins	212,054,000

(continued)

TABLE 7-415 (concluded)
FEDERALLY FINANCED RESEARCH AND DEVELOPMENT EXPENDITURES
FY 2014

<u>Public or Private</u>	<u>NSF Ranking</u>	<u>Public Ranking</u>	<u>Institution</u>	<u>Federal Dollars</u>
Public	58	30	University of Hawaii, Manoa	\$206,810,000
Public*	59	31	University of Virginia, Charlottesville	205,865,000
Public	60	32	Virginia Polytechnic Institute and State Univ.	204,308,000
Private	61		University of Miami	203,751,000
Public	62	33	University of Illinois, Chicago	203,733,000
Private*	63		Carnegie Mellon University	198,247,000
Public	64	34	Arizona State University	196,270,000
Public*	65	35	University of Buffalo	189,209,000
Private	66		Yeshiva University	186,885,000
Medical	67		University of Texas, Southwestern Medical Center	185,137,000
Medical	68		University of Massachusetts Medical School	183,582,000
Public*	69	36	University of California, Irvine	182,585,000
Public	70	37	North Carolina State University	181,449,000
Private	71		Woods Hole Oceanographic Institution	177,616,000
Public*	72	38	University of Kansas	165,442,000

KU is 72st overall, and 38th among public institutions.

Other Institutions of Regional Interest

<u>Public or Private</u>	<u>NSF Ranking</u>	<u>Public Ranking</u>	<u>Institution</u>	<u>Federal Dollars</u>
Public	91	50	University of Oklahoma	\$118,925,000
Public*	94	52	Iowa State University	116,273,000
Public*	103	59	University of Missouri, Columbia	104,910,000
Public	110	63	University of Nebraska, Lincoln	94,265,000
Public*	115	67	Indiana University, Bloomington	84,592,000
Public*	125	72	University of Oregon	74,603,000
Public	131	77	Kansas State University	67,438,000
Public	161	99	Oklahoma State University, Stillwater	36,687,000
Public	172	109	Texas Tech University	33,137,000

* AAU members

Note: Stand alone medical institutions have been excluded from the public rankings.

9/17

TABLE 7-420
GENERAL RESEARCH FUND COMPETITION AWARDS
FISCAL YEAR 2018
University of Kansas
Lawrence Campus

<u>Department</u>	<u>Number of Awards</u>	<u>Amount Awarded</u>
Architecture and Design	4	\$17,596
Business	6	41,023
College of Liberal Arts and Sciences		
School of the Arts		
Dance	0	0
Film and Media Studies	1	5,000
Theatre	2	13,200
Visual Art	2	14,999
African and African-American Studies	0	0
American Studies	1	3,584
Anthropology	1	9,276
Applied Behavioral Science	1	8,511
Chemistry	1	28,548
Classics	1	5,888
Communication Studies	4	29,838
East Asian Languages and Cultures	0	0
Ecology & Evolutionary Biology	5	49,564
Economics	0	0
English	2	12,766
Environmental Studies	0	0
French and Italian	2	11,776
Geography	1	9,500
Geology	1	5,800
Germanic Languages and Literatures	1	5,888
History	3	14,312
History of Art	0	0
Humanities and Western Civilization	0	0
Indigenous Studies Program	1	5,888
Latin American Studies	0	0
Linguistics	1	8,979
Mathematics	2	19,871
Molecular Bioscience	7	49,571
Philosophy	3	13,102
Physics and Astronomy	4	26,800
Political Science	0	0
Psychology	1	2,000
Public Administration	1	7,000
Religious Studies	0	0
Russian, East European and Eurasian Studies	0	0
Slavic Languages and Literature	1	5,888
Sociology	2	25,073
Spanish and Portuguese	4	22,634
Speech-Language-Hearing	0	0
Women, Gender and Sexuality Studies	1	5,888

(continued)

9/17

TABLE 7-420 (concluded)
GENERAL RESEARCH FUND COMPETITION AWARDS
 FISCAL YEAR 2018
 University of Kansas
 Lawrence Campus

<u>Department</u>	<u>Number of Awards</u>	<u>Amount Awarded</u>
Education		
Curriculum and Teaching	0	\$0
Educational Leadership and Policy Studies	1	9,190
Health, Sport and Exercise Sciences	1	6,820
Educational Psychology	0	0
Special Education	2	11,220
Engineering	5	42,254
Journalism	1	4,016
Law	4	23,251
Libraries	2	6,044
Music	4	29,642
Pharmacy	2	19,671
Social Welfare	0	0
TOTAL	90	\$631,869

6/18

TABLE 7-450
FACILITIES AND ADMINISTRATIVE RATES (INDIRECT COSTS)
ON-CAMPUS RESEARCH
PEER GROUP
FISCAL YEAR 2018

(Percentages determine top amounts universities can
charge federal government for research overhead)

<u>Institution</u>	<u>Percent</u>
Buffalo	59.5%
Colorado Boulder	54.0
Florida	52.5
Indiana Bloomington	56.0
Iowa	52.5
Kansas	51.5
Michigan State	55.0
Missouri-Columbia	55.0
North Carolina at Chapel Hill	55.5
Oregon	47.5
Virginia	61.0

6/18

TABLE 7-455
FACILITIES AND ADMINISTRATIVE RATES (INDIRECT COSTS)
ON-CAMPUS RESEARCH
MIDWEST COMPARISON GROUP
FISCAL YEAR 2018

(Percentages determine top amounts universities can charge federal government for research overhead)

<u>Institution</u>	<u>Percent</u>
Baylor	38.5%*
Colorado Boulder	54.0
Iowa State	52.0
Kansas State	52.0
Kansas	51.5
Missouri - Columbia	55.0
Nebraska - Lincoln	53.5
Oklahoma, Norman	55.0
Oklahoma State	49.6
Texas at Austin	56.5
Texas A&M	48.5
Texas Tech	49.0

* Based on the simplified method.

Source: Special communication with each institution.

6/18

TABLE 7-465
FACILITIES AND ADMINISTRATIVE RATES (INDIRECT COSTS)
ON-CAMPUS RESEARCH
AAU THIRTY-FOUR PUBLIC MEMBERS
FISCAL YEAR 2018

(Percentages determine top amounts universities can charge federal government for research overhead)

<u>Institution</u>	<u>Percent</u>
Arizona	53.5%
Buffalo	59.5
California - Berkeley	57.0
California - Davis	57.0
California - Irvine	54.5
California - Los Angeles	54.0
California - San Diego	55.0
California - Santa Barbara	53.5
Colorado Boulder	54.0
Florida	52.5
Georgia Tech	57.8
Illinois at Urbana-Champaign	58.6
Indiana Bloomington	56.0
Iowa	52.5
Iowa State	52.0
Kansas	51.5
Maryland	54.5
Michigan	55.0
Michigan State	55.0
Minnesota, Twin Cities	52.0
Missouri-Columbia	55.0
North Carolina at Chapel Hill	55.5
Ohio State	55.0
Oregon	47.5
Penn State	58.3
Pittsburgh	54.0
Purdue	55.0
Rutgers	55.0
Stony Brook	59.0
Texas at Austin	56.5
Texas A&M	48.5
Virginia	61.0
Washington	55.0 (MTDC)
Wisconsin	53.0

MTDC - Modified Total Direct Cost

1/18

TABLE 7-501
 COMPARISON OF STATE APPROPRIATIONS FOR HIGHER EDUCATION
 KANSAS INSTITUTIONS
 FISCAL YEAR 2018

<u>Institution</u>	<u>FY 2018 Appropriations (in thousands)</u>	<u>Percent Change FY 2017 to FY 2018</u>
Kansas - Lawrence and Medical Center	\$236,963	(2.0)%
Kansas State	156,709	(0.8)
Wichita State	70,768	(1.3)
Emporia State	30,799	0.0
Fort Hays State	32,485	(1.0)
Pittsburg State	34,419	(2.1)
Other -Washburn, community colleges, technical schools, student financial assistance, Board operations	190,792	0.0
TOTAL	\$752,935	(1.0)%

KANSAS RANK AMONG FIFTY STATES
 IN STATE APPROPRIATIONS FOR HIGHER EDUCATION
 FISCAL YEAR 2018

Total appropriation	\$764,547,532
Kansas rank	35
One year percent change	(0.6)%

Source: "FY 2018 Comparison Report, Schedule 2.2," Kansas Department of Budget web site; "Grapevine Survey, FY 2017-18," Center for the Study of Education Policy web site, Illinois State University.

TABLE 7-601
PER CAPITA PERSONAL INCOME AND MEDIAN INCOME, MARRIED-COUPLE FAMILIES
STATE OF KANSAS
CALENDAR YEAR 2003-2017
CURRENT DOLLARS

<u>Calendar Year</u>	<u>Per Capita Personal Income</u>	<u>Annual Percent Change</u>	<u>Median Income Four-Person Family</u>	<u>Annual Percent Change</u>
2003	\$30,772	--	\$64,215	--
2004	31,999	4.0%	65,777	2.4%
2005	33,483	4.6%	64,929	(1.3)%
2006	35,987	7.5%	67,897	4.6%
2007	38,122	5.9%	71,867	5.8%
2008	40,936	7.4%	72,610	1.0%

Revised Estimates for 2009-2017

<u>Calendar Year</u>	<u>Per Capita Personal Income</u>	<u>Annual Percent Change</u>	<u>Median Income Married-Couple Families</u>	<u>Annual Percent Change</u>
2009	\$39,204	--	\$70,136	(3.4)%
2010	39,212	0.0%	70,558	0.6%
2011	42,532	8.5%	72,311	2.5%
2012	44,810	5.4%	73,016	1.0%
2013	45,865	2.4%	74,814	2.5%
2014	46,565	1.5%	77,721	3.9%
2015	47,009	1.0%	80,276	3.3%
2016	47,221	0.5%	81,418	1.4%
2017	47,603	0.8%		

Definitions:

Per Capita Personal Income - personal income is the sum of wage and salary disbursements, other labor income, proprietor's income with inventory valuation and capital consumption adjustments, personal dividend income, personal interest income, and transfer payments to persons, less personal contributions for social insurance. State per capita personal income is calculated as the personal income of residents of the State divided by the population of the State as of July 1.

Median income, four-person family - a group of four people, one of whom is the householder, related by birth, marriage, or adoption and residing together. Median income is the amount which divides all household income totals into equal groups, half having incomes above the median, half having incomes below the median.

Median income, married-couple families - a group of people related by marriage, with children residing together. Median income is the amount which divides all household income totals into equal groups, half having incomes above the median, half having incomes below the median.

Source: Bureau of Economic Analyses web site, BEA Regional Table "SA1 - Personal Income Summary: Per Capita Personal Income for Kansas, 2009-2017"; U.S. Census Bureau, Table S1903, "Median Income in the Past 12 Months (in Inflation-Adjusted Dollars) by Married-Couple Families," 2009-2016, American Community Survey, 1 Year Estimate.