

University of Alaska in Review - Research

UA Data Strategy and Institutional Research

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**Table 5.01 Revenues as Result of Research by University
FY01 - FY18**

	Unrestricted General Fund (UGF)	Designated, Federal and Other Funds	Total	Ratio
	<i>(in Thousands of \$)</i>			
FY18				
UA Anchorage	3,215.9	14,224.5	17,440.5	4.4
UA Fairbanks	19,275.3	112,820.9	132,096.2	5.9
UA Southeast		1,174.1	1,174.1	
UA Subtotal Revenues for Research	22,491.2	128,219.5	150,710.7	5.7
Add in Indirect Cost Recovery Distributed to Other Areas		12,490.7	12,490.7	
Total Revenues Received from Funding Agencies	22,491.2	140,710.2	163,201.4	6.3
FY17 Total	23,841.8	147,938.1	171,780.0	6.2
FY16 Total	31,005.0	125,477.8	156,482.8	4.0
FY15 Total	28,050.3	116,295.7	144,346.0	4.1
FY14 Total	26,575.7	124,112.9	150,688.7	4.7
FY13 Total	27,332.5	129,721.0	157,053.5	4.7
FY12 Total	25,332.4	133,342.0	158,674.4	5.3
FY11 Total	24,706.0	137,852.7	162,558.7	5.6
FY10 Total	24,406.4	127,991.6	152,398.0	5.2
FY09 Total	22,844.7	129,166.6	151,961.2	5.7
FY08 Total	21,478.5	126,877.5	148,356.0	5.9
FY07 Total	22,843.3	132,301.1	155,144.4	5.8
FY06 Total	19,858.5	131,459.2	151,317.7	6.6
FY05 Total	18,720.3	126,328.8	145,049.0	6.7
FY04 Total	16,832.2	121,421.0	138,253.2	7.2
FY03 Total	16,618.1	116,464.5	133,082.6	7.0
FY02 Total	16,321.8	103,430.8	119,752.6	6.3
FY01 Total	16,312.5	92,890.0	109,407.3	5.7

A measure of the return on state appropriated research funding is the ratio of non-general fund research revenue to general fund research revenue. In FY18 each state dollar appropriated to UA research generated \$6.3 in revenue from other sources.

Source: Data supplied by UAA, UAF and UAS via UA information systems and compiled from the University of Alaska's data warehouse (RPTP.DSDMGR) maintained by UA Institutional Research, Planning & Analysis.

**Table 5.02 Revenues as Result of Research by University and Institute
FY18**

	Unrestricted General Fund (UGF)	Designated, Federal and Other Funds	Total	Ratio
	<i>(in Thousands of \$)</i>			
UA Anchorage				
COH Institute for Circumpolar Health Studies	334.2	250.5	584.7	0.7
COH Justice Center	934.4	181.6	1,115.9	0.2
COH School of Social Work	286.3	854.9	1,141.2	3.0
College of Arts and Sciences		2,122.8	2,122.8	
College of Engineering		990.9	990.9	
College of Health		603.2	603.2	
Environment and Natural Resources Institute	272.3	3,413.7	3,686.0	12.5
Institute of Social and Economic Research	1,285.4	2,711.2	3,996.6	2.1
Office of the Provost		3,092.0	3,092.0	
UAA Other	103.4	3.8	107.2	
Total	3,215.9	14,224.5	17,440.5	4.4
UA Fairbanks				
CEM Institute of Northern Engineering	2,031.0	9,605.2	11,636.2	4.7
CNSM Natural Science and Mathematics	50.8	3,679.5	3,730.3	72.4
Central Managed Projects	2,339.7	3,601.6	5,941.3	1.5
College of Fisheries and Ocean Sciences	1,822.3	33,541.2	35,363.5	18.4
College of Liberal Arts		634.0	634.0	
Developmental Programs and Projects	1,396.2	765.9	2,162.1	0.5
Geophysical Institute	5,717.3	34,615.3	40,332.6	6.1
Institute of Arctic Biology	2,519.2	14,661.6	17,180.8	5.8
International Arctic Research Center	1,293.0	7,077.1	8,370.1	5.5
School of Natural Resources and Extension	2,002.9	3,739.1	5,742.0	1.9
University of Alaska Museum of the North	3.0	372.4	375.5	122.3
UAF Other	100.0	528.0	628.0	5.3
Total	19,275.3	112,820.9	132,096.2	5.9
UAS Southeast				
Office of the Provost		347.5	347.5	
School of Arts & Sciences		770.1	770.1	
UAS Other		56.4	56.4	
Total		1,174.1	1,174.1	
UA Subtotal Revenues for Research	22,491.2	128,219.5	150,710.7	5.7
Add in Indirect Cost Recovery Distributed to Other Areas		12,490.7	12,490.7	
Total Revenue Received from Funding Agencies	22,491.2	140,710.2	163,201.4	6.3

Note: Unrestricted General Funds (UGF) include General Fund, General Fund Match, and General Fund Mental Health Trust. Designated, Federal and Other Funds sources include UA receipts, inter-agency receipts, and indirect cost recoveries generated from research and redistributed to other areas. Units with at least \$250,000 in total research revenue are displayed by name; units with less than \$250,000 are included in "Other".

Source: Data supplied by UAA, UAF and UAS via UA information systems and compiled from the University of Alaska's data warehouse (RPTP.DSDMGR) maintained by UA Institutional Research, Planning & Analysis.

Table 5.03 New Awards and Active Grants by University

FY17 - FY18

	Organized Research		Other Sponsored		Total	
	Grants	Max Amt <i>(Thousands \$)</i>	Grants	Max Amt <i>(Thousands \$)</i>	Grants	Max Amt <i>(Thousands \$)</i>
UA Anchorage						
Total FY18						
New Awards	101	12,283	112	15,030	213	27,313
Active Grants	280	61,704	340	95,660	620	157,363
% New Awards of Active Grants	36.1	19.9	32.9	15.7	34.4	17.4
Total FY17						
New Awards	95	10,988	108	11,038	203	22,027
Active Grants	270	50,532	342	95,936	612	146,469
% New Awards of Active Grants	35.2	21.7	31.6	11.5	33.2	15.0
UA Fairbanks						
Total FY18						
New Awards	219	84,272	124	14,792	343	99,064
Active Grants	799	568,988	529	155,525	1,328	724,513
% New Awards of Active Grants	27.4	14.8	23.4	9.5	25.8	13.7
Total FY17						
New Awards	217	84,095	133	18,690	350	102,784
Active Grants	844	568,506	527	161,962	1,371	730,468
% New Awards of Active Grants	25.7	14.8	25.2	11.5	25.5	14.1
UA Southeast						
Total FY18						
New Awards	9	1,115	5	1,129	14	2,244
Active Grants	34	3,769	25	7,677	59	11,447
% New Awards of Active Grants	26.5	29.6	20.0	14.7	23.7	19.6
Total FY17						
New Awards	11	901	11	712	22	1,613
Active Grants	35	3,202	27	7,717	62	10,919
% New Awards of Active Grants	31.4	28.1	40.7	9.2	35.5	14.8
UA Statewide						
Total FY18						
New Awards						
Active Grants			8	1,954	8	1,954
% New Awards of Active Grants						
Total FY17						
New Awards			1	105	1	105
Active Grants			24	22,829	24	22,829
% New Awards of Active Grants			4.2	0.5	4.2	0.5
UA System						
New Awards	329	97,670	241	30,950	570	128,620
Active Grants	1,113	634,461	902	260,816	2,015	895,277
% New Awards of Active Grants	29.6	15.4	26.7	11.9	28.3	14.4
Total FY17						
New Awards	323	95,984	253	30,545	576	126,529
Active Grants	1,149	622,241	920	288,444	2,069	910,685
% New Awards of Active Grants	28.1	15.4	27.5	10.6	27.8	13.9

Note: Maximum grant amount is a multi-year monetary commitment to the project by the agency.

Source: Data supplied by UAA, UAF, UAS and SW via UA information systems and compiled from the University of Alaska's data warehouse (RPTP.DSDMGR) maintained by UA Institutional Research, Planning & Analysis.

**Table 5.04 New Awards by University and Activity Theme
FY17 - FY18**

	UA Anchorage		UA Fairbanks		UA Southeast		UA Statewide		Total	
	Grants	Max Amt	Grants	Max Amt	Grants	Max Amt	Grants	Max Amt	Grants	Max Amt
	<i>(Thousands \$)</i>									
Organized Research										
Agriculture and Food Sciences	1	133	7	2,629					8	2,762
Arts and Humanities	1	274	3	2,016					4	2,290
Business, Management & Commerce	2	42							2	42
Cooperative Extension	1	5	4	560					5	565
EPSCoR Research Focus Area			5	515					5	515
Education	4	757	2	1,470					6	2,228
Energy	3	339	6	3,367					9	3,705
Engineering	8	1,853	12	9,065					20	10,918
Health and Medicine	24	2,378	2	67					26	2,445
Other Disciplines			1	90					1	90
Science, Mathematics & Technology	42	5,157	148	57,778					190	62,935
Social Sciences	10	707	2	374					12	1,081
Other	5	639	27	6,341	9	1,115			41	8,095
Total	101	12,283	219	84,272	9	1,115			329	97,670
Other Sponsored Activities										
Agriculture and Food Sciences	1	12	4	401					5	413
Arts and Humanities	4	139	5	1,250					9	1,389
Business, Management & Commerce	21	2,280	3	140					24	2,419
Cooperative Extension	1	5	17	2,857					18	2,862
EPSCoR Research Focus Area			1						1	
Education	39	6,764	4	550					43	7,314
Engineering	8	243	1	18					9	261
Health and Medicine	14	1,314							14	1,314
Inter-Disciplinary	4	1,105							4	1,105
Other Disciplines	2	460	2	270					4	731
Science, Mathematics & Technology	1	4	33	2,671					34	2,675
Social Sciences	9	752	11	1,343					20	2,095
Other	8	1,952	43	5,292	5	1,129			56	8,372
Total	112	15,030	124	14,792	5	1,129			241	30,950
FY18 Total	213	27,313	343	99,064	14	2,244			570	128,620
FY17 Organized Research	95	10,988	217	84,095	11	901			323	95,984
FY17 Other Spons. Activities	108	11,038	133	18,690	11	712	1	105	253	30,545
FY17 Total	203	22,027	350	102,784	22	1,613	1	105	576	126,529

Note: Theme codes identify the grant research areas. Maximum grant amount is a multi-year monetary commitment to the project by the agency. Some grants have multiple themes. The totals at each reporting level are unduplicated.

Source: Data supplied by UAA, UAF and UAS via UA information systems and compiled from the University of Alaska's data warehouse (RPTP.DSDMGR) maintained by UA Institutional Research, Planning & Analysis.

**Table 5.05 New Awards by University and Proposal Type
FY17 - FY18**

	Organized Research		Other Sponsored		Total FY New Awards		% of Total FY New Awards			
	Grants	Max Amt	Grants	Max Amt	Grants	Max Amt	Organized Research		Other Sponsored	
	Grants	Max Amt	Grants	Max Amt	Grants	Max Amt	Grants	Max Amt	Grants	Max Amt
	<i>(Thousands \$)</i>									
UA Anchorage										
Competitive	50	7,808	27	5,600	77	13,408	64.9	58.2	35.1	41.8
Non-Competitive	41	3,562	68	7,459	109	11,021	37.6	32.3	62.4	67.7
Other	10	912	17	1,971	27	2,884	37.0	31.6	63.0	68.4
Total 2018	101	12,283	112	15,030	213	27,313	47.4	45.0	52.6	55.0
Total 2017	95	10,988	108	11,038	203	22,027	46.8	49.9	53.2	50.1
% Change FY17 to FY18	6.3	11.8	3.7	36.2	4.9	24.0	1.3	-9.9	-1.2	9.8
UA Fairbanks										
Competitive	150	71,960	53	7,513	203	79,474	73.9	90.5	26.1	9.5
Non-Competitive	58	10,654	65	7,068	123	17,722	47.2	60.1	52.8	39.9
Other	11	1,657	6	211	17	1,868	64.7	88.7	35.3	11.3
Total 2018	219	84,272	124	14,792	343	99,064	63.8	85.1	36.2	14.9
Total 2017	217	84,095	133	18,690	350	102,784	62.0	81.8	38.0	18.2
% Change FY17 to FY18	0.9	0.2	-6.8	-20.9	-2.0	-3.6	3.0	4.0	-4.9	-17.9
UA Southeast										
Competitive	5	1,037	3	1,066	8	2,103	62.5	49.3	37.5	50.7
Non-Competitive										
Other	4	78	2	62	6	141	66.7	55.7	33.3	44.3
Total 2018	9	1,115	5	1,129	14	2,244	64.3	49.7	35.7	50.3
Total 2017	11	901	11	712	22	1,613	50.0	55.9	50.0	44.1
% Change FY17 to FY18	-18.2	23.7	-54.5	58.6	-36.4	39.1	28.6	-11.1	-28.6	14.0
UA Statewide										
Competitive										
Non-Competitive										
Other										
Total 2018										
Total 2017			1	105	1	105			100.0	100.0
% Change FY17 to FY18										
UA System										
Competitive	205	80,805	83	14,180	288	94,985	71.2	85.1	28.8	14.9
Non-Competitive	99	14,217	133	14,526	232	28,743				
Other	25	2,648	25	2,245	50	4,892	50.0	54.1	50.0	45.9
Total 2018	329	97,670	241	30,950	570	128,620	57.7	75.9	42.3	24.1
Total 2017	323	95,984	253	30,545	576	126,529	56.1	75.9	43.9	24.1
% Change FY17 to FY18	1.9	1.8	-4.7	1.3	-1.0	1.7	2.9	0.1	-3.7	-0.3

Note: Proposal types assigned to each proposal are chosen from a list of six values (new competitive, renewal competitive, new non-competitive, renewal non-competitive, pre-proposal, revision). Maximum grant amount is a multi-year monetary commitment to the project by the granting agency.

Source: Data supplied by UAA, UAF, UAS and SW via UA information systems and compiled from the University of Alaska's data warehouse (RPTP.DSDMGR) maintained by UA Institutional Research, Planning & Analysis.

**Table 5.06 Direct Research Expenditures by University and Receiving Channel
FY14 - FY18**

	FY14	FY15	FY16	FY17	FY18
UA Anchorage			<i>(in Thousands of \$)</i>		
Operating					
Federal/Direct	6,835.8	7,514.7	9,608.0	9,692.2	10,365.5
Federal/Through State	30.4	130.8	1,309.6	1,896.1	1,781.4
Federal/Through Other	957.4	930.0	936.9	1,092.6	1,449.5
Federal Total	7,823.6	8,575.5	11,854.6	12,680.8	13,596.3
State/Direct	2,531.7	2,158.0	1,328.1	954.4	696.9
Private, Local and Other/Direct	1,819.2	2,066.0	2,035.9	1,859.1	2,041.3
Total	12,174.5	12,799.5	15,218.5	15,494.3	16,334.6
Capital					
UA Anchorage Total	12,174.5	12,799.5	15,218.5	15,494.3	16,334.6
UA Fairbanks					
Operating					
Federal/Direct	71,839.5	70,411.3	79,301.4	85,368.3	79,438.9
Federal/Through State	2,366.0	1,984.3	1,569.8	2,136.6	2,024.9
Federal/Through Other	11,698.1	9,190.0	9,069.2	9,809.1	13,028.8
Federal Total	85,903.7	81,585.7	89,940.4	97,313.9	94,492.7
State/Direct	9,147.2	7,132.3	4,701.9	2,317.4	1,149.5
Private, Local and Other/Direct	11,793.1	8,795.0	7,792.6	6,753.1	5,343.8
Total	106,843.9	97,513.0	102,434.9	106,384.5	100,986.0
Capital	81.1	22.5	97.1	-0.1	
UA Fairbanks Total	106,925.0	97,535.5	102,532.0	106,384.4	100,986.0
UA Southeast					
Operating					
Federal/Direct	1,121.4	1,324.5	1,434.4	1,379.7	1,541.1
Federal/Through State				22.5	7.9
Federal/Through Other	62.1	16.0	67.8	77.8	86.7
Federal Total	1,183.5	1,340.5	1,502.2	1,480.0	1,635.6
State/Direct	3.1	4.3	32.1	3.5	
Private, Local and Other/Direct	95.8	119.9	85.5	40.5	4.3
Total	1,282.4	1,464.7	1,619.9	1,524.1	1,640.0
Capital					
UA Southeast Total	1,282.4	1,464.7	1,619.9	1,524.1	1,640.0
UA System					
Operating					
Federal/Direct	79,796.7	79,250.5	90,343.8	96,440.3	91,345.5
Federal/Through State	2,396.4	2,115.1	2,879.4	4,055.1	3,814.2
Federal/Through Other	12,717.7	10,136.1	10,073.9	10,979.4	14,565.0
Federal Total	94,910.8	91,501.7	103,297.2	111,474.8	109,724.7
State/Direct	11,682.0	9,294.6	6,062.1	3,275.3	1,846.5
Private, Local and Other/Direct	13,708.1	10,980.9	9,914.0	8,652.7	7,389.4
Total	120,300.8	111,777.2	119,273.3	123,402.9	118,960.6
Capital	81.1	22.5	97.1	-0.1	
UA System Total	120,381.9	111,799.7	119,370.3	123,402.8	118,960.6

Note: Direct Research Expenditures include grant-funded operating and capital research expenditures, Indirect Cost Recovery (ICR), and not the awarded revenue amount. This includes externally sponsored research grants booked on the capital budget, a significant portion of which represents State of Alaska funded research.

Source: Data supplied by UAA, UAF, and UAS via UA information systems and compiled from the University of Alaska's data warehouse (RPTP.DSDMGR) maintained by UA Institutional Research, Planning & Analysis.

**Table 5.07 Direct Research Expenditures in Alaska Related Areas
by University
FY14 - FY18**

	FY14	FY15	FY16	FY17	FY18
	<i>(in Thousands of \$)</i>				
UA Anchorage					
COH Justice Center	817.8	680.0	603.0	440.9	134.1
COH School of Social Work	562.6	728.3	1,048.6	943.3	969.9
College of Arts and Sciences	2,032.9	2,017.4	1,905.2	2,039.9	2,309.2
College of Engineering	660.2	647.9	1,136.8	1,322.2	1,092.2
College of Health		26.9		307.1	627.2
Environment and Natural Resources Institute	2,168.9	2,029.7	2,453.8	3,438.7	3,183.1
Institute of Social and Economic Research	2,907.9	2,494.6	1,747.1	1,540.8	2,242.5
Office of the Provost	13.6	166.8	377.9	267.9	834.6
UAA Other	581.5	483.7	491.8	175.2	198.8
Total	9,745.4	9,275.1	9,764.4	10,476.1	11,591.7
UA Fairbanks					
CEM Institute of Northern Engineering	13,508.4	9,801.3	10,341.8	9,531.1	8,497.1
CNSM Natural Science and Mathematics	542.1	851.5	1,011.5	1,059.3	1,128.6
College of Fisheries and Ocean Sciences	16,586.4	15,758.6	17,291.9	25,824.3	20,978.4
College of Liberal Arts	819.4	961.3	397.9	346.2	438.7
Geophysical Institute	25,620.8	27,322.4	22,040.2	23,625.1	26,111.5
Institute of Arctic Biology	14,163.1	13,996.1	14,090.5	12,731.1	11,631.6
International Arctic Research Center	12,793.8	7,803.6	10,249.6	8,055.4	7,162.2
School of Natural Resources and Extension	2,842.1	2,786.7	2,890.9	2,433.6	2,046.7
University of Alaska Museum of the North	665.3	805.0	382.8	291.1	434.9
UAF Other	1,129.8	568.9	511.6	300.5	514.5
Total	88,671.0	80,655.5	79,208.8	84,197.6	78,944.3
UA Southeast					
School of Arts & Sciences	567.6	515.5	402.6	309.9	505.4
UAS Other	113.6	84.4	110.9	123.5	131.2
Total	681.2	599.9	513.5	433.4	636.6
Total Alaska Related Expenditures*	99,178.6	90,553.0	89,583.7	95,107.1	91,172.5
Total Research Expenditures*	120,381.9	111,799.7	119,370.3	123,402.8	118,960.6
% of of Total Research Expenditures	82.4%	81.0%	75.0%	77.1%	76.6%

*These numbers represent research expenditures, including Indirect Cost Recovery (ICR), and not the awarded revenue amount. Grant-Funded Research Expenditures are defined as the amount of grant-funded operating and capital research expenditures, including both direct research expenditures as well as ICR from restricted research grants spent on research and administrative support. This includes externally sponsored research grants booked on the capital budget, a significant portion of which represents State of Alaska funded research.

Note: Units with at least \$500,000 in direct research expenditures in one or more of the fiscal years FY14-FY18, are displayed by name; units with less than \$500,000 in all FY's are included in "Other".

Source: Data supplied by UAA, UAF and UAS via UA information systems and compiled from the University of Alaska's data warehouse (RPTP.DSDMGR) maintained by UA Institutional Research, Planning & Analysis.