

University of Alaska in Review

UA Data Strategy & Institutional Research

Research

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**Table 5.01 Revenues as Result of Research by University
FY01 - FY19**

	Unrestricted General Fund (UGF)	Designated, Federal and Other Funds	Total	Ratio
	<i>(in Thousands of \$)</i>			
FY19				
UA Anchorage	3,039.8	14,877.7	17,917.5	4.9
UA Fairbanks	21,036.9	118,040.6	139,077.5	5.6
UA Southeast		985.9	985.9	
UA Subtotal Revenues for Research	24,076.7	133,904.2	157,980.9	5.6
Add in Indirect Cost Recovery Distributed to Other Areas		12,161.6	12,161.6	
Total Revenues Received from Funding Agencies	24,076.7	146,065.8	170,142.5	6.1
FY18 Total	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

Note: UAS Total Research differs by \$9.7 and Indirect Cost Recovery Distributed to Other Areas differs by \$4.4 to other published numbers due to two org codes pointing to deleted roll-up structure codes for FY18.

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 FY19 each state dollar appropriated to UA research generated \$6.1 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 Data Strategy & Institutional Research.

**Table 5.02 Revenues as Result of Research by University and Institute
FY19**

	Unrestricted General Fund (UGF)	Designated, Federal and Other Funds	Total	Ratio
	<i>(in Thousands of \$)</i>			
UA Anchorage				
COH Institute for Circumpolar Health Studies	161.5	297.9	459.4	1.8
COH Justice Center	744.2	535.1	1,279.2	0.7
COH School of Social Work	278.9	886.6	1,165.5	3.2
College of Arts and Sciences		2,469.5	2,469.5	
College of Engineering	16.8	489.6	506.4	29.1
College of Health		466.9	466.9	
Environment and Natural Resources Institute	288.8	3,459.8	3,748.6	12.0
Institute of Social and Economic Research	1,445.7	2,500.5	3,946.2	1.7
Office of the Provost		3,862.4	3,862.4	
UAA Other	103.9	-90.6	13.3	-0.9
Total	3,039.8	14,877.7	17,917.5	4.9
UA Fairbanks				
CEM Institute of Northern Engineering	2,277.9	12,885.3	15,163.2	5.7
CNSM Natural Science and Mathematics	26.3	3,785.3	3,811.6	143.9
Central Managed Projects	2,807.7	1,167.6	3,975.3	0.4
College of Fisheries and Ocean Sciences	2,043.8	37,137.7	39,181.5	18.2
College of Liberal Arts	3.0	335.9	338.9	112.0
Developmental Programs and Projects	1,677.2	1,396.7	3,073.8	0.8
Geophysical Institute	5,869.2	33,513.3	39,382.5	5.7
Institute of Arctic Biology	2,712.0	14,358.4	17,070.4	5.3
International Arctic Research Center	1,506.5	9,794.4	11,301.0	6.5
School of Natural Resources and Extension	1,862.4	3,095.1	4,957.5	1.7
UAF Other	251.0	570.9	821.9	2.3
Total	21,036.9	118,040.6	139,077.5	5.6
UAS Southeast				
Office of the Provost		331.2	331.2	
School of Arts & Sciences		597.0	597.0	
UAS Other		57.6	57.6	
Total		985.9	985.9	
UA Subtotal Revenues for Research	24,076.7	133,904.2	157,980.9	5.6
Add in Indirect Cost Recovery Distributed to Other Areas		12,161.6	12,161.6	
Total Revenue Received from Funding Agencies	24,076.7	146,065.8	170,142.5	6.1

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 Data Strategy & Institutional Research.

**Table 5.03 New Awards and Active Grants by University
FY18 - FY19**

	Organized Research		Other Sponsored Activities		Total	
	Grants	Max Amt	Grants	Max Amt	Grants	Max Amt
		(Thousands \$)		(Thousands \$)		(Thousands \$)
UA Anchorage						
Total FY19						
New Awards	100	13,443	129	18,788	229	32,231
Active Grants	285	71,074	372	103,369	657	174,443
% New Awards of Active Grants	35.1	18.9	34.7	18.2	34.9	18.5
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
UA Fairbanks						
Total FY19						
New Awards	227	192,538	124	21,168	351	213,706
Active Grants	817	698,324	516	160,141	1,333	858,466
% New Awards of Active Grants	27.8	27.6	24.0	13.2	26.3	24.9
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
UA Southeast						
Total FY19						
New Awards	6	265	10	2,476	16	2,741
Active Grants	28	3,346	22	7,251	50	10,597
% New Awards of Active Grants	21.4	7.9	45.5	34.1	32.0	25.9
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
UA Statewide						
Total FY19						
New Awards			1	28	1	28
Active Grants			5	1,052	5	1,052
% New Awards of Active Grants			20.0	2.7	20	3
Total FY18						
New Awards						
Active Grants			8	1,954	8	1,954
% New Awards of Active Grants						
UA System						
Total FY19						
New Awards	333	206,245	264	42,461	597	248,706
Active Grants	1,130	772,745	915	271,813	2,045	1,044,558
% New Awards of Active Grants	29.5	26.7	28.9	15.6	29.2	23.8
Total FY18						
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

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 Data Strategy & Institutional Research.

**Table 5.04 New Awards by University and Activity Theme
FY18 - FY19**

	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	2	796	4	142					6	938
Arts and Humanities	2	1,199	2	94					4	1,293
Business, Management & Commerce			1	43					1	43
Cooperative Extension			7	2,733					7	2,733
EPSCoR Research Focus Area			4	20,203					4	20,203
Education	2	318	4	17,269					6	17,587
Energy	5	410	10	16,566					15	16,976
Engineering	5	1,173	10	4,427					15	5,600
Health and Medicine	14	1,527	1	19,719					15	21,246
Science, Mathematics & Technology	37	5,006	157	95,626					194	100,632
Social Sciences	9	950	3	324					12	1,275
Other	24	2,063	24	15,392	6	265			54	17,720
Total	100	13,443	227	192,538	6	265			333	206,245
Other Sponsored Activities										
Agriculture and Food Sciences			5	431					5	431
Arts and Humanities	2	12	5	968					7	979
Business, Management & Commerce	16	2,245	3	1,258					19	3,502
Cooperative Extension	2	691	18	792					20	1,483
Education	17	2,818	4	1,965					21	4,783
Energy	1	15	5	205					6	220
Engineering	8	1,098							8	1,098
Health and Medicine	8	1,522							8	1,522
Inter-Disciplinary	1	25							1	25
Other Disciplines	3	1,037	2	10					5	1,047
Science, Mathematics & Technology	4	188	29	3,463					33	3,651
Social Sciences	12	1,874	4	163					16	2,036
Other	55	7,265	49	11,915	10	2,476	1	28	115	21,684
Total	129	18,788	124	21,168	10	2,476	1	28	264	42,461
FY19 Total	229	32,231	351	213,706	16	2,741	1	28	597	248,706
FY18 Organized Research	101	12,283	219	84,272	9	1,115			329	97,670
FY18 Other Spons. Activities	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

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 Data Strategy & Institutional Research.

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

	Organized Research		Other Sponsored Activities		Total FY New Awards		% of Total FY New Awards			
							Organized Research		Other Sponsored Activities	
	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 Data Strategy & Institutional Research.

**Table 5.06 Direct Research Expenditures by University and Receiving Channel
FY15 - FY19**

	FY15	FY16	FY17	FY18	FY19
UA Anchorage			<i>(in Thousands of \$)</i>		
Operating					
Federal/Direct	7,514.7	9,608.0	9,692.2	10,365.5	11,215.4
Federal/Through State	130.8	1,309.6	1,896.1	1,781.4	1,522.7
Federal/Through Other	930.0	936.9	1,092.6	1,449.5	1,823.0
Federal Total	8,575.5	11,854.6	12,680.8	13,596.3	14,561.1
State/Direct	2,158.0	1,328.1	954.4	696.9	876.7
Private, Local and Other/Direct	2,066.0	2,035.9	1,859.1	2,041.3	2,232.2
Total	12,799.5	15,218.5	15,494.3	16,334.6	17,669.9
Capital					
UA Anchorage Total	12,799.5	15,218.5	15,494.3	16,334.6	17,669.9
UA Fairbanks					
Operating					
Federal/Direct	70,411.3	79,301.4	85,368.3	79,438.9	83,205.8
Federal/Through State	1,984.3	1,569.8	2,136.6	2,024.9	1,134.7
Federal/Through Other	9,190.0	9,069.2	9,809.1	13,028.8	13,297.9
Federal Total	81,585.7	89,940.4	97,313.9	94,492.7	97,638.4
State/Direct	7,132.3	4,701.9	2,317.4	1,149.5	1,577.7
Private, Local and Other/Direct	8,795.0	7,792.6	6,753.1	5,343.8	5,104.9
Total	97,513.0	102,434.9	106,384.5	100,986.0	104,321.0
Capital	22.5	97.1	-0.1		
UA Fairbanks Total	97,535.5	102,532.0	106,384.4	100,986.0	104,321.0
UA Southeast					
Operating					
Federal/Direct	1,324.5	1,434.4	1,379.7	1,541.1	1,176.6
Federal/Through State			22.5	7.9	23.6
Federal/Through Other	16.0	67.8	77.8	86.7	49.8
Federal Total	1,340.5	1,502.2	1,480.0	1,635.6	1,250.0
State/Direct	4.3	32.1	3.5		30.3
Private, Local and Other/Direct	119.9	85.5	40.5	4.3	57.8
Total	1,464.7	1,619.9	1,524.1	1,640.0	1,338.1
Capital					
UA Southeast Total	1,464.7	1,619.9	1,524.1	1,640.0	1,338.1
UA System					
Operating					
Federal/Direct	79,250.5	90,343.8	96,440.3	91,345.5	95,597.8
Federal/Through State	2,115.1	2,879.4	4,055.1	3,814.2	2,681.0
Federal/Through Other	10,136.1	10,073.9	10,979.4	14,565.0	15,170.7
Federal Total	91,501.7	103,297.2	111,474.8	109,724.7	113,449.5
State/Direct	9,294.6	6,062.1	3,275.3	1,846.5	2,484.7
Private, Local and Other/Direct	10,980.9	9,914.0	8,652.7	7,389.4	7,394.9
Total	111,777.2	119,273.3	123,402.9	118,960.6	123,329.1
Capital	22.5	97.1	-0.1		
UA System Total	111,799.7	119,370.3	123,402.8	118,960.6	123,329.1

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. UAS Total Research differs by \$9.7 and Indirect Cost Recovery Distributed to Other Areas differs by \$4.4 to other published numbers due to two org codes pointing to deleted roll-up structure codes for FY18.

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 Data Strategy & Institutional Research.

**Table 5.07 Direct Research Expenditures in Alaska Related Areas
by University
FY15 - FY19**

	FY15	FY16	FY17	FY18	FY19
	<i>(in Thousands of \$)</i>				
UA Anchorage					
COH Justice Center	680.0	603.0	440.9	134.1	197.1
COH School of Social Work	728.3	1,048.6	943.3	969.9	1,006.1
College of Arts and Sciences	2,017.4	1,905.2	2,039.9	2,309.2	2,637.8
College of Engineering	647.9	1,136.8	1,322.2	1,092.2	606.7
College of Health	26.9		307.1	627.2	535.3
Environment and Natural Resources Institute	2,029.7	2,453.8	3,438.7	3,183.1	3,436.0
Institute of Social and Economic Research	2,494.6	1,747.1	1,540.8	2,242.5	2,271.4
Office of the Provost	166.8	377.9	267.9	834.6	1,701.8
UAA Other	483.7	491.8	175.2	198.8	382.2
Total	9,275.1	9,764.4	10,476.1	11,591.7	12,774.5
UA Fairbanks					
CEM Institute of Northern Engineering	9,801.3	10,341.8	9,531.1	8,497.1	9,547.5
CNSM Natural Science and Mathematics	851.5	1,011.5	1,059.3	1,128.6	898.9
College of Fisheries and Ocean Sciences	15,758.6	17,291.9	25,824.3	20,978.4	21,196.3
College of Liberal Arts	961.3	397.9	346.2	438.7	278.4
Developmental Programs and Projects		0.2	1.3	0.1	722.9
Geophysical Institute	27,322.4	22,040.2	23,625.1	26,111.5	25,228.1
Institute of Arctic Biology	13,996.1	14,090.5	12,731.1	11,631.6	11,283.6
International Arctic Research Center	7,803.6	10,249.6	8,055.4	7,162.2	9,708.6
School of Natural Resources and Extension	2,786.7	2,890.9	2,433.6	2,046.7	1,339.7
University of Alaska Museum of the North	805.0	382.8	291.1	434.9	265.2
UAF Other	568.9	511.4	299.2	514.5	730.8
Total	80,655.5	79,208.8	84,197.6	78,944.3	81,200.1
UA Southeast					
School of Arts & Sciences	515.5	402.6	309.9	505.4	426.3
UAS Other	84.4	110.9	123.5	131.2	153.4
Total	599.9	513.5	433.4	636.6	579.7
Total Alaska Related Expenditures*	90,553.0	89,583.7	95,107.1	91,172.5	94,554.3
Total Research Expenditures*	111,799.7	119,370.3	123,402.8	118,960.6	123,329.1
% of of Total Research Expenditures	81.0%	75.0%	77.1%	76.6%	76.7%

*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 FY15-FY19, are displayed by name; units with less than \$500,000 in all FY's are included in "Other". UAS Total Research differs by \$9.7 and Indirect Cost Recovery Distributed to Other Areas differs by \$4.4 to other published numbers due to two org codes pointing to deleted roll-up structure codes for FY18.

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 Data Strategy & Institutional Research.