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## Summary: Research and Sponsored Programs

The University of Alaska's research and sponsored programs advance knowledge and serve the diverse populations of rural and urban Alaska. Funded by federal, state, local, and private sponsors, these programs focus on areas such as social, economic, biological, geological, and marine sciences. Research activities are not limited to classrooms or labs but take place in various locations throughout Alaska.

University of Alaska research revenues, including indirect cost recovery, totaled \$267.9 million in FY24. The ratio of research revenue from designated, federal, and other sources (DF&O) to unrestricted general funds (UGF) measures the return on state-appropriated research funding. In FY24, each state dollar appropriated to UA research generated \$7.9 from other sources (Table 1).

In FY24, UAF generated approximately 92.1 percent of total research revenue (\$228.2 million), with 87.7 percent of this from designated, federal, and other sources. UAA generated 7.2 percent (\$17.8 million) of FY24 research revenue, with 87.7 percent coming from sources other than unrestricted general funds. UAS generated the remaining 0.6 percent (\$1.4 million) of the system's total research revenue, with 97.1 percent from designated, federal, and other sources (Table 1).

The research and academic units with the highest research revenues in FY24 included the UAF Geophysical Institute \$88.0 million, College of Fisheries and Ocean Sciences \$57.7 million, Institute of Arctic Biology \$22.0 million, Institute of Northern Engineering \$17.1 million, and International Arctic Research Center \$11.3 million (Table 2).

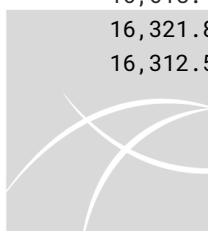
In FY24, universities held 1,883 active grants with a maximum multi-year funding commitment of \$1.5 billion, up \$114.8 million from \$1.4 billion in FY23 (Table 3). New grants awarded in FY24 totaled \$264.0 million, representing 17.1 percent of all active funding commitments (Table 3). Of this amount, 60 percent came from newly committed grant funding, secured through 221 new competitive grants (Table 5).

The federal government is the largest source of research funding, providing 82.9 percent (\$182.7 million) of FY24 direct research expenditures, either directly or through state and local entities. State of Alaska funding provided 8.4 percent (\$18.5 million) of FY24 research expenditures, while private, local, and other sources contributed the remaining 8.6 percent (\$19.0 million) (Table 6).

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Table 1. Revenues as Result of Research by University (\$000's), FY01 - FY24

	Unrestricted General Funds (UGF)	Designated, Federal and Other (DF&O) Funds	Total	Ratio DF&O:UGF
(in thousands of \$)				
FY24 Total				
UA Anchorage	2,195.8	15,638.1	17,834.0	7.1
UA Fairbanks	28,005.4	200,177.0	228,182.4	7.1
UA Southeast	40.5	1,338.1	1,378.7	33.0
Subtotal Revenues for Direct Research	30,241.7	217,153.3	247,395.0	7.2
Indirect Cost Recovery Distributed to Other Areas		20,531.2	20,531.2	
FY24 Total	30,241.7	237,684.5	267,926.2	7.9
FY23 Total	22,777.9	212,208.1	234,986.0	9.3
FY22 Total	14,821.3	205,867.7	220,689.0	13.9
FY21 Total	18,303.3	173,821.3	192,124.6	9.5
FY20 Total	23,728.7	150,245.0	173,973.7	6.3
FY19 Total	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



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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 FY24 each state dollar appropriated to UA research generated \$7.9 in revenue from other sources.

Note: Unrestricted General Funds (UGF) include General Fund, General Fund Match, and General Fund Mental Health Trust. Designated, Federal and Other Funds (DF&O) include UA receipts, intra-agency receipts, and indirect cost recoveries generated from research and redistributed to other areas.

Source: Data Analysis and Institutional Research, [www.alaska.edu/ir/](http://www.alaska.edu/ir/)

Table 2. Revenues as Result of Research by Unit (\$000's), FY24

	Unrestricted General Funds (UGF) (in thousands of \$)	Designated, Federal and Other (DF&O) Funds	Total	Ratio DF&O:UGF
<b>UA Anchorage</b>				
College of Health	211.3	2,551.8	2,763.1	12.1
Central Managed Projects		308.9	308.9	n/a
Chancellor		1,015.5	1,015.5	n/a
College of Arts and Sciences	356.6	3,059.7	3,416.3	8.6
College of Engineering		1,164.1	1,164.1	n/a
Environment and Natural Resources Institute	293.6	3,467.1	3,760.7	11.8
Institute of Social and Economic Research	1,334.4	2,430.9	3,765.3	1.8
Office of the Provost		1,315.8	1,315.8	n/a
UAA Other		324.2	324.2	n/a
<b>Total</b>	<b>2,195.8</b>	<b>15,638.1</b>	<b>17,834.0</b>	<b>7.1</b>
<b>UA Fairbanks</b>				
AK Center for Energy & Power	2,405.2	8,945.3	11,350.5	3.7
Central Managed Projects	333.6	3,075.2	3,408.8	9.2
College of Fisheries and Ocean Sciences	2,719.1	54,959.4	57,678.5	20.2
College of Natural Science and Mathematics	211.2	1,723.4	1,934.6	8.2
Developmental Programs and Projects	1,119.4	3,171.8	4,291.2	2.8
Geophysical Institute	9,942.4	78,090.4	88,032.8	7.9
Institute of Agriculture, Natural Resources and Extension	1,952.3	7,353.7	9,306.0	3.8
Institute of Arctic Biology	2,656.6	19,293.7	21,950.3	7.3
Institute of Northern Engineering	5,086.2	12,001.5	17,087.7	2.4
International Arctic Research Center	820.9	10,474.9	11,295.8	12.8
VC Research	647.4	256.5	903.9	0.4
University of Alaska Museum of the North	0.5	736.8	737.3	1,473.7
UAF Other	110.6	94.3	204.9	0.9
<b>Total</b>	<b>28,005.4</b>	<b>200,177.0</b>	<b>228,182.4</b>	<b>7.1</b>
<b>UA Southeast</b>				
Office of the Provost		642.5	642.5	n/a
School of Arts & Sciences	40.5	573.9	614.4	14.2
UAS Other		121.8	121.8	n/a
<b>Total</b>	<b>40.5</b>	<b>1,338.1</b>	<b>1,378.7</b>	<b>33.0</b>
<b>Subtotal Revenues for Direct Research</b>	<b>30,241.7</b>	<b>217,153.3</b>	<b>247,395.0</b>	<b>7.2</b>
<b>Indirect Cost Recovery Distributed to Other Areas</b>		<b>20,531.2</b>	<b>20,531.2</b>	
<b>FY24 Total</b>	<b>30,241.7</b>	<b>237,684.5</b>	<b>267,926.2</b>	<b>7.9</b>



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Note: Unrestricted General Funds (UGF) include General Fund, General Fund Match, and General Fund Mental Health Trust. Designated, Federal and Other Funds (DF&O) include UA receipts, intra-agency receipts, and indirect cost recoveries generated from research and redistributed to other areas. Units with larger than +/- \$250,000 in total research revenue are displayed; units with smaller than +/- \$250,000 are included in "Other".

Source: Data Analysis and Institutional Research, [www.alaska.edu/ir/](http://www.alaska.edu/ir/)

Table 3. New Awards and Active Grants by University FY23 - FY24

		Organized Research		Other Sponsored		Total	
		#	Max Amt	#	Max Amt	#	Max Amt
		Grants	(\$000s)	Grants	(\$000s)	Grants	(\$000s)
UA Anchorage	FY23 New Awards	74.0	15,396.7	151.0	39,072.2	225.0	54,469.0
	Total Active Grants	251.0	82,687.1	411.0	153,793.5	662.0	236,480.6
	% New of Active	29.5	18.6	36.7	25.4	66.2	44.0
	FY24 New Awards	66.0	17,397.3	112.0	25,905.5	178.0	43,302.8
	Total Active Grants	258.0	70,054.0	385.0	161,683.0	643.0	231,736.9
	% New of Active	25.6	24.8	29.1	16.0	54.7	40.9
UA Fairbanks	FY23 New Awards	232.0	119,185.6	85.0	18,434.2	317.0	137,619.8
	Total Active Grants	973.0	938,380.1	478.0	225,157.0	1,451.0	1,163,537.1
	% New of Active	23.8	12.7	17.8	8.2	41.6	20.9
	FY24 New Awards	209.0	194,420.3	64.0	23,604.2	273.0	218,024.5
	Total Active Grants	940.0	1,110,233.2	229.0	178,152.7	1,169.0	1,288,385.9
	% New of Active	22.2	17.5	27.9	13.2	50.2	30.8
UA Southeast	FY23 New Awards	11.0	1,436.0	10.0	2,519.6	21.0	3,955.6
	Total Active Grants	38.0	6,093.8	42.0	16,695.9	80.0	22,789.7
	% New of Active	28.9	23.6	23.8	15.1	52.8	38.7
	FY24 New Awards	6.0	416.0	8.0	2,271.4	14.0	2,687.4
	Total Active Grants	35.0	6,202.3	34.0	12,236.9	69.0	18,439.3
	% New of Active	17.1	6.7	23.5	18.6	40.7	25.3
System Office	FY23 New Awards	1.0	2,000.0				
	Total Active Grants	1.0	2,000.0	3.0	1,048.9	4.0	3,048.9
	% New of Active	100.0	100.0				
	FY24 New Awards						
	Total Active Grants	1.0	2,000.0	1.0	100.0	2.0	2,100.0
	% New of Active						
UA System	FY23 New Awards	318.0	138,018.4	246.0	60,026.0	564.0	198,044.4
	Total Active Grants	1,263.0	1,029,160.9	934.0	396,695.4	2,197.0	1,425,856.3
	% New of Active	25.2	13.4	26.3	15.1	25.7	13.9
	FY24 New Awards	281.0	212,233.7	184.0	51,781.1	465.0	264,014.8
	Total Active Grants	1,234.0	1,188,489.5	649.0	352,172.7	1,883.0	1,540,662.1
	% New of Active	22.8	17.9	28.4	14.7	24.7	17.1



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Note: New grant awards are a subset of total active awards in a given year. Maximum grant amount is a multi-year monetary commitment to the project by the agency.

Source: Data Analysis and Institutional Research, [www.alaska.edu/ir/](http://www.alaska.edu/ir/)

Table 4. New Grant Awards by University and Topic, FY23-FY24

	UA Anchorage		UA Fairbanks		UA Southeast	
	# Grants	Max Amt (\$000s)	# Grants	Max Amt (\$000s)	# Grants	Max Amt (\$000s)
<b>Organized Research, FY23</b>						
Aerospace, Aeronautical, and Astronautical Engineering			10	8,382.1		
Agricultural Sciences	1	181.0	5	2,330.2		
Anthropology	1	123.4	2	49.7		
Archived			1	150.0		
Astronomy and Astrophysics	1	2.4				
Atmospheric Science and Meteorology			3	871.7		
Bioengineering and Biomedical Engineering			1	1,860.0		
Biological and Biomedical Sciences	4	866.0	5	522.7		
Business Management and Business Administration			1	197.3		
Civil Engineering			1	35.7		
Economics			1	60.5		
Education	1	100.0	4	17,095.3		
Electrical, Electronic and Communications Engineering	1	380.0				
Engineering			1	369.9		
Geological and Earth Sciences	2	338.0	15	7,598.8		
Health Sciences	5	84.6	2	1,075.0		
Mechanical Engineering	1	110.0				
Metallurgical and Materials Engineering			1	314.1		
Natural Resources and Conservation	4	262.6	10	1,545.1	2	226.9
Non-R&D Activities	1	77.1	2	968.4		
Ocean Sciences and Marine Sciences	3	4,081.0	24	32,701.0		
Other Engineering	1	14.5	4	20,602.3		
Other Geosciences, Atmospheric Sciences, and Ocean Sciences			1	121.5		
Other Life Sciences			1	3,500.0		
Other Physical Sciences			1	250.0		
Other Sciences			5	2,318.2		
Other Social Sciences	2	4,600.0	2	142.8		
Other non-S&E Fields			2	12,564.5		
Science, Mathematics & Technology			2	823.1		
Other Organized Research	38	6,176.9	102	77,970.2	4	189.1
<b>Total Organized Research</b>	<b>66</b>	<b>17,397.3</b>	<b>209</b>	<b>194,420.3</b>	<b>6</b>	<b>416.0</b>
<b>Other Sponsored Activities, FY23</b>						
Agricultural Sciences			5	1,826.8		
Business Management and Business Administration	2	175.0				
Communications and Communication Technologies	2	563.6	1	200.0		
Education	4	440.8	8	5,204.9		
Geological and Earth Sciences			4	300.0		
Health Sciences	4	2,176.1	1	534.4		
Humanities			1	2.8		
Natural Resources and Conservation			5	402.4		
Non-R&D Activities	27	14,432.4	3	485.6	5	1,743.0
Ocean Sciences and Marine Sciences			2	34.0		
Other Sciences			2	1,175.2		
Other Social Sciences	7	150.0	1	20.0		
Other non-S&E Fields	2	925.4	1	10.0		
Political Science and Government			1	31.7		
Psychology	1	200.0				
Science, Mathematics & Technology			1	68.5		
Social Sciences			1	150.9		
Social Work			4			
Other Sponsored Activities	59	6,842.3	27	13,157.0	3	528.4
<b>Total Sponsored Activities</b>	<b>112</b>	<b>25,905.5</b>	<b>64</b>	<b>23,604.2</b>	<b>8</b>	<b>2,271.4</b>
<b>FY24 Total</b>	<b>178</b>	<b>43,302.8</b>	<b>273</b>	<b>218,024.5</b>	<b>14</b>	<b>2,687.4</b>
<b>FY23</b>						
Organized Research	74	15,396.7	232	119,185.6	11	1,436.0
Other Sponsored Activities	151	39,072.2	85	18,434.2	10	2,519.6
<b>FY23 Total</b>	<b>225</b>	<b>54,469.0</b>	<b>317</b>	<b>137,619.8</b>	<b>21</b>	<b>3,955.6</b>



Note: Theme codes identify topical area for each grant. Some grants have multiple themes. Maximum grant amount is a multi-year monetary commitment to the project by the

Source: Data Analysis and Institutional Research, www.alaska.edu/ir/

Table 5. New Awards by University and Proposal Type FY23-FY24

	Organized Research		Other Sponsored Activities		Total FY New Awards	
	# Grants	Max Amt (\$000s)	# Grants	Max Amt (\$000s)	# Grants	Max Amt (\$000s)
UA Anchorage						
Competitive	30	5,984.2	34	6,410.1	64	12,394.2
Non-Competitive	36	11,413.2	77	19,495.4	113	30,908.6
Other			1		1	
Total 2024	66	17,397.3	112	25,905.5	178	43,302.8
Total 2023	74	15,396.7	151	39,072.2	225	54,469.0
UA Fairbanks						
Competitive	120	125,645.9	29	18,046.4	149	143,692.3
Non-Competitive	77	56,842.6	31	4,536.8	108	61,379.4
Other	12	11,931.8	4	1,021.0	16	12,952.8
Total 2024	209	194,420.3	64	23,604.2	273	218,024.5
Total 2023	232	119,185.6	85	18,434.2	317	137,619.8
UA Southeast						
Competitive	3	179.1	5	2,151.4	8	2,330.6
Non-Competitive	1	66.9	2	95.0	3	161.9
Other	2	170.0	1	25.0	3	195.0
Total 2024	6	416.0	8	2,271.4	14	2,687.4
Total 2023	11	1,436.0	10	2,519.6	21	3,955.6
UA Statewide						
Competitive						
Non-Competitive						
Other						
Total 2024						
Total 2023	1	2,000.0			1	2,000.0
UA System						
Competitive	153	131,809.2	68	26,607.9	221	158,417.1
Non-Competitive	114	68,322.6	110	24,127.2	224	92,449.9
Other	14	12,101.8	6	1,046.0	20	13,147.8
Total 2024	281	212,233.7	184	51,781.1	465	264,014.8
Total 2023	318	138,018.4	246	60,026.0	564	198,044.4

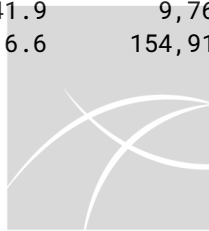


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Note: Proposal types are identified by the university applying for the grant. Maximum grant amount is a multi-year monetary commitment to the project by the granting agency.

Table 6. Direct Research Expenditures (\$000's) by University and Receiving Channel, Five Year Trend

	FY20	FY21	FY22	FY23	FY24
UA Anchorage	(in Thousands of \$)				
Federal/Direct	13,785.4	13,062.5	12,540.7	10,437.9	11,608.2
Federal/Through State	1,258.3	1,190.2	1,517.6	572.1	434.0
Federal/Through Other	1,215.4	849.1	1,222.4	1,673.6	2,132.5
Federal Total	16,259.0	15,101.8	15,280.7	12,683.5	14,174.8
State/Direct	1,084.7	778.2	653.1	1,531.8	1,989.2
Private, Local and Other/Direct	2,308.3	1,705.2	1,696.2	1,838.8	1,931.0
UA Anchorage Total	19,652.0	17,585.2	17,630.0	16,054.2	18,095.0
UA Fairbanks					
Federal/Direct	89,653.9	114,314.1	140,882.9	143,111.5	150,357.3
Federal/Through State	1,157.0	936.5	1,217.8	1,135.9	1,342.1
Federal/Through Other	10,357.5	12,123.1	11,562.9	12,083.6	15,304.9
Federal Total	101,168.3	127,373.8	153,663.6	156,331.0	167,004.2
State/Direct	1,357.7	854.5	523.9	6,598.9	16,493.7
Private, Local and Other/Direct	8,350.1	7,964.0	8,186.8	12,378.7	16,788.4
UA Fairbanks Total	110,876.2	136,192.3	162,392.6	175,290.2	200,286.3
UA Southeast					
Federal/Direct	1,074.3	1,036.1	1,140.0	1,218.9	1,292.1
Federal/Through State	-0.2	0.0	0.0	0.0	0.0
Federal/Through Other	24.3	9.5	252.5	244.2	199.8
Federal Total	1,098.5	1,045.6	1,392.5	1,463.1	1,491.9
State/Direct	6.5	0.0	0.0	105.8	40.5
Private, Local and Other/Direct	83.4	95.4	135.5	153.4	309.0
UA Southeast Total	1,188.4	1,141.0	1,528.0	1,722.2	1,841.4
UA System					
Federal/Direct	104,513.6	128,412.8	154,563.6	154,768.2	163,257.6
Federal/Through State	2,415.1	2,126.8	2,735.5	1,708.0	1,776.1
Federal/Through Other	11,597.1	12,981.7	13,037.7	14,001.4	17,637.1
Federal Total	118,525.8	143,521.2	170,336.8	170,477.7	182,670.9
State/Direct	2,448.9	1,632.7	1,176.9	8,236.5	18,523.4
Private, Local and Other/Direct	10,741.9	9,764.6	10,018.5	14,370.8	19,028.3
UA System Total	131,716.6	154,918.5	181,550.6	193,066.6	220,222.7



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Note: Direct research expenditures are defined as the amount of grant-funded operating and capital research expenditures, including both research expenditures as well as ICR from restricted research grants spent on research and administrative support.

Source: Data Analysis and Institutional Research, [www.alaska.edu/ir/](http://www.alaska.edu/ir/)



Table 7. Direct Research Expenditures in Alaska Related Areas by University, Five Year Trend

	2020	2021	2022	2023	2024
	(in Thousands of \$)				
UA Anchorage	1,765.7	1,238.5	937.8	685.3	1,081.7
Chancellor	2,408.1	1,625.4	1,390.8	1,491.3	1,467.4
College of Arts and Sciences	641.6	898.5	855.7	591.3	548.0
College of Engineering	750.3	947.8	1,432.0	1,227.4	1,168.3
College of Health	3,100.3	2,768.8	2,831.9	2,844.3	2,198.2
Environment and Natural Resources Institute	1,638.7	1,505.8	1,437.9	1,754.7	1,865.2
Institute of Social and Economic Research	131.5	39.6	190.1	222.5	813.0
Office of the Provost	652.2	362.3	80.8	102.0	124.7
UAA Other	476.5	450.4	405.5	1,344.5	1,841.9
Total	11,564.8	9,837.1	9,562.6	10,263.3	11,108.5
UA Fairbanks					
AK Center for Energy & Power	476.5	450.4	405.5	1,344.5	1,841.9
Institute of Northern Engineering	8,591.0	8,679.9	8,684.2	9,449.8	11,599.7
College of Natural Science and Mathematics	808.0	760.6	356.6	624.3	1,163.6
College of Fisheries and Ocean Sciences	20,508.9	23,566.7	22,976.5	26,636.3	28,145.0
Developmental Programs and Projects	2,645.0	2,657.5	3,194.0	3,227.8	2,234.6
Geophysical Institute	29,252.1	29,671.0	34,616.4	45,675.6	52,753.1
Institute of Arctic Biology	9,460.6	7,737.0	8,041.4	9,985.7	11,157.5
International Arctic Research Center	8,031.6	7,910.8	13,250.6	10,022.1	8,801.8
Institute of Agriculture, Natural Resources and Extension	1,346.6	2,047.6	2,365.0	1,911.3	3,006.6
VC Research	138.2	(0.7)	-	290.4	583.7
University of Alaska Museum of the North	276.7	278.4	505.3	629.2	336.4
UAF Other	420.8	334.1	426.2	200.8	130.6
Total	81,955.9	84,093.2	94,821.7	109,997.8	121,754.3
UA Southeast					
UAS Other	531.6	449.9	465.7	420.2	175.0
Total	531.6	449.9	465.7	420.2	175.0
Total Alaska Related Expenditures	94,052.3	94,380.2	104,850.0	120,681.2	133,037.8
Percent of All Research Expenditures	71.4%	60.9%	57.8%	62.5%	60.4%

Note: Direct research expenditures in Alaska related research areas represent research expenditures including indirect cost recovery (ICR), and do not reflect the max multi-year revenue amount. Direct research expenditures are defined as the amount of grant-funded operating and capital research expenditures, including both research expenditures as well as ICR from restricted research grants spent on research and administrative support. Areas of research related to Alaska are identified by the grant.

Source: Data Analysis and Institutional Research, [www.alaska.edu/ir/](http://www.alaska.edu/ir/)