

State of Alaska FY2004 Governor's Operating Budget

University of Alaska Fairbanks Organized Research Component Budget Summary

Component: Fairbanks Organized Research

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Component Mission

The University of Alaska Fairbanks, as the nation's northernmost Land, Sea, And Space Grant university and international research center, advances and disseminates knowledge through creative teaching, research, and public service with an emphasis on Alaska, the North, and their diverse peoples.

University of Alaska Fairbanks Mission Statement
Board of Regents' Policy 10.01.03
Adopted 4/21/00

As a major center for research and scholarship, the University of Alaska Fairbanks is committed to the mutual enhancement of teaching, research, creative activity, and public service. Scholarship which produces new knowledge instills a vigor into teaching, which in turn stimulates inquiry and the quest for further answers to the unknown. The university seeks to use its particular location in the North as a natural laboratory for the study of questions and issues whose solutions are not only applicable to Alaska problems but to a broader understanding of the global community. As part of a network of state research universities, UAF has an active program of basic and applied research resulting in a well-earned national and international reputation. Specific recognition has been achieved in space physics, marine science, high latitude biology, the environmental sciences, engineering, and geophysics. The university has programs in the definition, exploration, development, and management of Alaska's renewable and non-renewable resources. It is the state's center for study of Alaska Native cultures and languages.

Component Services Provided

The University of Alaska Fairbanks is among the top 100 National Science Foundation (NSF) funded research institutions in the United States. UAF is the research campus for the University of Alaska system and through the activities of its component research institutes, centers, laboratories, and related research facilities makes significant contributions to basic and applied science and engineering on state, national, and international levels. Extramural and state support funded \$97 million in research projects during the past fiscal year. That research assisted natural resource managers, allowed expansion of cultural knowledge, and contributed to developing safer, more economical construction practice guidelines.

Component Goals and Strategies

UAF must continue to build upon its research strengths to function as a center of excellence in northern research and related graduate education. Emphasis on interdisciplinary research and scholarship bringing the various UAF departments and research institutes closer together will position the university to respond to emerging state, national, and international research opportunities. To secure leadership in arctic research by the year 2005, UAF will undertake the following strategies:

- A. Continue the development of UAF as a center of excellence specializing in arctic and subarctic research.
 1. Develop basic and applied research programs and projects and emphasize interdisciplinary scholarship that provides an understanding of the problems and issues of northern regions and their populations.
 2. Develop research collaboration between appropriate urban and rural UA campuses and units (e.g., EPSCoR, COBRE, Title III, INPSYCH).
 3. Collaborate with Alaska Natives and northern nations to develop research programs specific to northern issues.
 4. Improve and maintain the infrastructure for scientific research at UAF to include state-of-the-art facilities, equipment, computing resources, and computer networking.

- B. Increase the capacity to train graduate students in disciplines related to northern issues and educate them to play leading roles in tomorrow's society.

1. Strengthen and selectively expand graduate programs related to research strengths and northern issues, particularly at the Ph.D. level.
2. Increase resources for graduate fellowship programs to include more students and provide for additional disciplines and interdisciplinary study.

C. Utilize the university's pre-eminence in arctic research to enhance the undergraduate experience.

In addition to the UAF mission statement, UAF Strategic Plan 2005, and the UAF Academic Development Plan, Fairbanks research units endorse the system-wide, UA Board of Regents-adopted UA LEADS goals.

UA LEADS

Unity in promoting communication and collaboration.

Accountability to students, faculty, staff, alumni, and the diverse peoples of Alaska.

Leadership for Alaska's people and institutions.

Excellence in programs and services.

Accessibility for all Alaskans.

Dedication to serving community needs.

Stewardship of Alaska's resources.

Unity in promoting communication and collaboration

Form active collaborations with communities, organizations, businesses, and government to meet identified state, national, and global needs, as stated in the UAF 2005 Strategic Plan.

Indicator: Increase the number of students graduating with degrees in teacher education, health careers, process technology, and information technology by 5 percent over the next two years and 10 percent over the next four years.

Indicator: Increase the number of research projects funded by state agencies and Alaska corporations.

Accountability to students, faculty, staff, alumni, and the diverse peoples of Alaska Provide high quality undergraduate education for traditional and non-traditional students, as stated in the UAF 2005 Strategic Plan.

Indicator: Increase students' satisfaction with the level of instructional effectiveness as measured by Noel-Levitz Student Satisfaction Survey. [Note: Instructional effectiveness assesses students' academic experience, the curriculum and the campus' overriding commitment to academic excellence, and covers such areas as variety of courses, effectiveness of faculty, adjuncts, and graduate teaching assistants (TAs).]

Create faculty/staff handbooks. Address assessment issues, job classification, and inconsistent employee evaluation practices.

Leadership for Alaska's people and institutions

Serve as a world leader in arctic research and related graduate education, as stated in the UAF 2005 Strategic Plan.

Indicator: Increase doctoral degree production to 40 Ph.D. graduates per year to become a Doctoral/Research-Extensive University in the Carnegie classification by 2010.

Indicator: Increase external funding of research in arctic biology, climate change, resource development, fisheries and ocean science, geosciences, and the atmospheric sciences by 10 percent by 2005.

Excellence in programs and services

Serve as an academic gateway to the study of North Pacific and circumpolar northern land and seas, as stated in the UAF 2005 Strategic Plan.

Indicator: Increase the number of UAF students participating in exchange programs in the circumpolar north by 10 percent by 2005.

Indicator: Increase the number of faculty who carry out academic activities in other circumpolar nations by 5 percent by 2005.

Indicator: Increase the number of international students at UAF from circumpolar northern nations.

Address space issues to ensure that there is adequate instructional, research, and office space.

Accessibility for all Alaskans

Serve as the premiere higher educational center for Alaska Natives, as stated in the UAF 2005 Strategic Plan.

Indicator: Bring the proportion of certificates and degrees awarded to Alaska Native students to reflect proportional enrollments at the institution.

Dedication to serving community needs

Improve the responsiveness of undergraduate education to student and community needs, as stated in the UAF 2005 Strategic Plan.

Stewardship of Alaska's resources

Serve as a model to demonstrate how gender, racial, and cultural diversity can strengthen a university and society, as stated in the UAF 2005 Strategic Plan.

Indicator: Increase the proportion of new faculty hires from under-represented minority populations.

Key Component Issues for FY2003 – 2004

UA LEADS

Unity in promoting communication and collaboration.

Accountability to students, faculty, staff, alumni, and the diverse peoples of Alaska.

Leadership for Alaska's people and institutions.

Excellence in programs and services.

Accessibility for all Alaskans.

Dedication to serving community needs.

Stewardship of Alaska's resources.

Unity in promoting communication and collaboration

Assist National Farmers Union in identifying agricultural issues in Alaska - Agriculture Forestry Experiment Station (AFES)

Improve understanding of global climate variability and education outreach - AFES

Preparation of an electronic cultural atlas - AFES

Impact analysis for natural resource development in Alaska - AFES

Examine human vulnerability to wildfire - AFES

Study ecosystem integrity in interior Alaska's national parks - AFES

High-performance computing help fisheries make decisions, including the best responses — to oil spills in Prince William Sound and Shelikof Strait - Arctic Region Supercomputing Center (ARSC)

Arctic Region Supercomputing Center and other scientists are exploring new ways to display massive data sets and visualizations of natural phenomena in large-scale/virtual reality venues - ARSC

Moderate resolution imaging spectroradiometer reception from satellites allows state agencies and industry to better manage natural resources – Geophysical Institute (GI)

New weather instrument installed near the top of Mount McKinley by the U.S. and Japan, and used by the National Park Service – International Arctic Research Center (IARC)

Focus on Pacific salmon in the U.S. Global Ecosystem Dynamics Northeast Pacific Program examines oceanic survival of species as a function of coastal influences. - Institute of Marine Science (IMS)

Partnership with British Petroleum, U.S. Department of Energy, three universities and the School of Mineral Engineering developing new natural gas to liquids technology - Petroleum Development Laboratory (PDL)

Joint research with Japan on gas pipeline integrity in permafrost - PDL

Accountability to students, faculty, staff, alumni, and the diverse peoples of Alaska

Production of *Aurora Alive* contributes to middle school multimedia science curriculum. – GI

Leadership for Alaska’s people and institutions

Regional economic modeling for rural Alaska - AFES

Reindeer production on the Seward Peninsula – AFES

A management plan for a research/demonstration forest in Alaska - AFES

Wild salmon risk management in Bristol Bay - AFES

Fuel load analysis of the Anchorage Bowl - AFES

Train scholars, policymakers, and managers to address issues of regional sustainability – Institute of Arctic Biology (IAB)

Research demonstrate that muskox nutrition allows optimization of production of qiviut - IAB

Provisioned spatio-temporal patterns of Steller sea lion populations in Alaska to help determine commercial fishing quotas - IMS

Collaboration with Alaska and federal agencies to provide early warning for potential reactor accidents from Russian nuclear powers plants - IMS

Evaluation of trace metals and hydrocarbons in the inner shelf sediments of the Beaufort Sea as it relates to petroleum development in the area - IMS

Assessment of subsistence and commercial food supply in the event of radionuclide leaks from Amchitka Island - IMS

Excellence in programs and services

Creation of aviation safety program using digital elevation data to show the Alaska terrain and flight path restrictions – GI and ARSC

Provide support for international, national, and campus global climate models to evaluate long-term changes in permafrost, climate, and habitability - ARSC

Real-time ionospheric models predict space weather conditions and protect satellites - ARSC

High-speed camera captured shock-like waveforms in front of a meteor, making substantial contributions to understanding meteoric phenomena - GI

Atmospheric scientists are developing an in-flight icing simulation for real-time data for Alaska’s aviators and forecasters - GI

Establishment of the UAF Office of Research Integrity to facilitate the responsible and ethical conduct of research – Office of Sponsored Programs (OSP)

Publication of the UAF Researcher’s Guide Book - OSP

Accessibility for all Alaskans

ARSC is exploring new ways for humans to interact with computers – ARSC

Dedication to serving community needs

Supercomputers aid in the simulation of tsunami-caused inundation of Alaska coasts - ARSC

Evaluate production practices and cultivars of vegetables, including potatoes – AFES

Control, monitor, and forecast seed-borne late blight in potatoes – AFES

Horticultural plant production in Alaska - AFES

Alternative agronomic crops for the subarctic - AFES

New crops and markets for Alaska - AFES

Establish forage crops in a no-till production system - AFES

Evaluate various opportunities for flaked products from pink salmon – Fisheries Industrial Technology Center (FITC)

Develop Surimi-based products for school food service programs – FITC

Co-development with industry of engineered fish protein powder – FITC

Aid in safety and quality determinations for salmon caviar products - FITC

Alaska Earthquake Information Center and the US Geological Survey have enlarged the strong-motion seismic network in Anchorage, Fairbanks, and other towns - GI

Evaluate mercury and methylmercury in Bering Sea fish demonstrates they are safe for consumption - IMS

Study of salmon embryos as indicators of the effects of total dissolved solids on aquatic ecosystems - IMS

Evaluate the presence and effects of metals contaminants in arctic food chains - IMS

Stewardship of Alaska's resources

Re-vegetation monitoring on abandoned mine lands - AFES

Identify, monitor, and manage forest biodiversity in Alaska - AFES

Determine growth and yield of northern species - AFES

Ecosystem management for establishing woody plants on disturbed lands - AFES

Develop greater value from the byproducts of seafood processing in Alaska - FITC

Evaluate long-term impacts of oil spills in the Beaufort Sea - IAB

Evaluate surveys for establishing biological escapement goals for salmon - IAB

Reconstruct historic sockeye salmon populations in the Gulf of Alaska to gain insight into current trends - IAB

Investigators revealed that Alaska glaciers are responsible for 9 percent of global sea level rise this last century, higher than previously estimated - GI

IARC and Japanese agencies are developing a forest fire detection system for Alaska - IARC

Provide information on the environmental cues for spawning herring and in-season fisher management - IMS

Provide information on the size of maturity of walleye pollock in the eastern Bering Sea - IMS

Obtain preliminary finds on the influence of environmental factors on fish growth variability in the southeastern Bering Sea

- IMS

Evaluate hydrocarbon sources in Kachemak Bay sediments provides baselines for identification of sources and predictions of decomposition rates - IMS

Research supported by industry aids in forecasting the abundance of Pacific salmon - IMS

Develop necessary information to guide the sustainable development of offshore gold placers in the Nome district. – Mineral Industry Research Laboratory

Major Component Accomplishments in 2002

Unity in promoting communication and collaboration

ARSC installed a Cray SX-6 and an IBM Regatta during FY02 and continues to operate a 272-processor Cray T3E, a 32-processor Cray SV1ex, and a 200-processor IBM SP. By virtue of these assets and in-house expertise, ARSC has developed and maintained diverse partnerships with government and private organizations.

ARSC acquired a high-end access grid node at UAF. It allows UAF participation in national communication venues in support of research and education.

The Institute of Arctic Biology's Alaska Native Health Research Center will investigate weight, nutrition, and health in Alaska Natives using a thematic focus on genetic, dietary, and cultural-behavioral parameters.

Leadership for Alaska's people and institutions

The Marine Advisory Program is leading an effort with UAA and UAS to assist salmon fishermen in job training, direct marketing, and restructuring the industry.

IMS scientists build understanding to remove restrictions related to declines in Steller sea lions, marine ecosystem function and natural changes over time. Their findings demonstrate the Gulf of Alaska shows early signs of recovery.

IARC established its first mooring in the Canadian Basin and Laptev Sea to gather data on the Arctic Ocean and predict the future evolution of the arctic environment.

IAB provides research logistics for arctic researchers through a cooperative agreement with the National Science Foundation for research at Toolik Lake.

The Institute of Northern Engineering was chosen to be a partner in a new Federal Aviation Administration Air Transportation Center of Excellence for General Aviation.

ARSC and GI develop an aviation safety visualization of the airspace over the state of Alaska for the use by both militarily and civilian pilots.

U.S. Department of Energy funds provides funding and site management for the Alaska Energy Testing and Development Laboratory. The first RFP attracted more than 60 proposals, involved over 100 industrial, federal, state agencies and funded \$3 million of research.

Excellence in programs and services

Bruce Finney (IMS) has received wide recognition for his findings about the relationships between past climate and its effects on salmon populations. This is helping resources managers predict future impacts of climate change.

IARC researchers completed a diagnostic intercomparisons of models of the Arctic Ocean that were published in American Geophysical Union's EOS.

The National Science Foundation awards Terry Chapin (IAB) a graduate training program in regional resilience and adaptation. That program will train scholars, policy makers, and managers to address issues of regional sustainability.

Terry Chapin (IAB) was named to the American Academy of Arts and Sciences.

The Office of Sponsored Programs and Provost's Office further developed and expanded its undergraduate research competition.

The Office of Sponsored Programs hired expertise to forge better links between research and undergraduate education and community outreach.

James Gardner (GI) received the 2002 Wagner Medal from the International Association of Volcanology and Chemistry of the Earth's interior.

Accessibility for all Alaskans

IARC, through the science and math enrichment program brought middle-school students, teachers, and community members to UAF from Noatak and Galena.

GI and IARC completed the "Aurora Alive" CD, a science education outreach project.

Dedication to serving community needs

Fisheries Industrial Technology Center (FITC) scientists found fishmeal made from byproducts of fish processing is equal in quality to meals made from whole fish.

FITC researchers are evaluating methods and shelf-life guidelines to use flaked pink salmon in various value-added products.

Marine Advisory Program helps dozens of shellfish farmers with permitting and compliance and provides technical expertise in growing and marketing.

The developing Coastal Alaska Observing System (CAOS) of the Institute of Marine Science will provide continuous observations of ocean circulation and ecosystems and, through modeling, will forecast storm events, commercial and recreation fishing opportunities, and other circumstances that will benefit boaters and fishermen.

IARC conducted nineteen workshops to initiate the coordination of national and international research programs.

IAB's new center for Alaska Native health research, funded by the National Institutes of Health at \$11.2 million will provide information related to genetic risk factors for obesity and diabetes in Alaska Native peoples.

IAB's new biomedical research infrastructure network, funded by the National Institute of Health at \$6 million will help understand how contaminants affect plants and animals of arctic food chains, including humans.

GI and ARSC researchers have developed a real-time ionospheric model to predict space weather conditions allowing predictions of significant deflections in electromagnetic waves. This is important to GPS and other similar technologies.

GI and ARSC researchers simulate tsunami initiation, propagation, and run-up in coastal regions of Alaska.

Stewardship of Alaska's resources

FITC has developed new opportunities for flaked products from pink salmon; surimi-based products for school food service programs; developed new properties for engineered fish protein powder; improved the safety and quality of salmon caviar products; and developed marketable byproducts from seafood processing.

IMS oceanographers are gaining a better understand of climate variability and climate change on the distribution, abundance, and production of plankton, fish and other organisms in the Gulf of Alaska through the multi-agency, international Global Ocean Ecosystem Dynamics (GLOBEC) program.

Six IMS scientists are participating in an international deep sea study of the Arctic Ocean.

AFES has provided natural resource analysis related to spruce bark beetle damage; re-vegetation of mined areas; and the impacts of natural resource development in Alaska.

Statutory and Regulatory Authority

No statutes and regulations.

Fairbanks Organized Research
Component Financial Summary

All dollars in thousands

	FY2002 Actuals	FY2003 Authorized	FY2004 Governor
Non-Formula Program:			
Component Expenditures:			
71000 Personal Services	48,048.8	44,783.2	51,147.2
72000 Travel	4,731.8	4,235.1	4,084.6
73000 Contractual	29,455.2	32,294.3	33,210.9
74000 Supplies	7,166.2	7,708.7	5,948.2
75000 Equipment	5,428.7	3,983.6	2,902.3
76000 Land/Buildings	558.0	0.0	0.0
77000 Grants, Claims	1,304.5	838.0	963.1
78000 Miscellaneous	959.5	11,526.2	14,279.8
Expenditure Totals	97,652.7	105,369.1	112,536.1
Funding Sources:			
1002 Federal Receipts	47,984.6	48,770.7	55,974.0
1003 General Fund Match	726.1	1,737.4	1,271.7
1004 General Fund Receipts	13,461.0	10,943.8	11,066.9
1007 Inter-Agency Receipts	5,727.7	5,174.4	3,000.0
1010 University of Alaska Interest Income	0.2	0.0	0.0
1025 Science & Technology Endowment Income	876.7	0.0	0.0
1038 U/A Student Tuition/Fees/Services	0.0	0.0	0.0
1039 U/A Indirect Cost Recovery	9,260.7	8,276.7	0.0
1048 University Restricted Receipts	19,615.7	28,151.1	35,273.8
1174 UA Intra-Agency Transfers	0.0	0.0	5,949.7
1176 Science and Technology Endowment Fund	0.0	2,315.0	0.0
Funding Totals	97,652.7	105,369.1	112,536.1

Fairbanks Organized Research

Proposed Changes in Levels of Service for FY2004

Maintaining a solid foundation

The development of new research facilities on the Fairbanks campus (the West Ridge Research Building for near-term occupation, and providing the basis for a future biology/information/computation building) will provide essential laboratory, office and teaching space for strategic growth in areas of biotechnology, biomedicine, information, and computational sciences.

Further development of the Office of Research Integrity will include a compliance officer to aid in coordinating environmental health and safety with research and its compliance to federal regulations. Newly developed educational modules related to the ethical conduct of research will aid faculty, staff and students in their research pursuits.

Growing programs responsive to state needs

The Geographic Information Network for Alaska (GINA) will integrate geospatial information and satellite imagery into the university’s service, education, and research missions. This project offers the capacity to aid in monitoring and management of the State’s natural resource basis as well as provide for disaster prevention and management (e.g., ice damming of rivers during spring breakup, fire hazard prediction), and education.

The sea-air-land modeling and observing network is evolving to provide real-time forecasts of marine circulation and weather as it relates to maritime and aviation safety, hazard response, and ecosystem predictions. It will include assessment of current and future variability of the coastal terrestrial and marine ecosystems and the geophysical environment and will be linked with K-12, undergraduate, and graduate programs, as well as outreach educational programs.

Serving a growing number of Alaskans

The development of meaningful UAF biomedical research programs (including EPSCoR, BRIN, COBRE, and SNRP) has provided needed infrastructure and capacity to expand health and medical research that will be meaningful to the residents of Alaska. The sea-air-land modeling and observing network will provide classical education as well as continuing science education and outreach programs to Alaska communities with an emphasis on Alaska Native communities.

- EPSCoR – Experimental Programs to Stimulate Competitive Research
- BRIN – Biomedical Research Infrastructure Network
- COBRE – Center of Biomedical Research Excellence
- SNRP – Special Neuroscience Research Program

Summary of Component Budget Changes

From FY2003 Authorized to FY2004 Governor

All dollars in thousands

	<u>General Funds</u>	<u>Federal Funds</u>	<u>Other Funds</u>	<u>Total Funds</u>
FY2003 Authorized	12,681.2	48,770.7	43,917.2	105,369.1
Adjustments which will continue current level of service:				
-UofA transfer Ak Higher Education Crafts & Trades Employees Salary Incr Systemwide 45-3-0003	58.8	0.0	14.9	73.7
-UofA transfer United Academics Salary Incr Systemwide 45-3-0004	165.2	125.6	82.0	372.8

	<u>General Funds</u>	<u>Federal Funds</u>	<u>Other Funds</u>	<u>Total Funds</u>
-UofA transfer Non Bargaining Salary Incr Systemwide 45-3-0006	341.2	355.5	178.6	875.3
-UofA transfer Fixed Costs and Staff Benefit Increases to Components 45-3-0007	0.0	1,322.2	201.1	1,523.3
-UofA Base Adjustments 45-3-0008	-907.8	0.0	-5,305.0	-6,212.8
-UofA Base Adjustments 45-3-0008	0.0	5,400.0	7,449.7	12,849.7
Proposed budget decreases:				
-Lost ASTF Funding	0.0	0.0	-2,315.0	-2,315.0
FY2004 Governor	12,338.6	55,974.0	44,223.5	112,536.1

Fairbanks Organized Research

Personal Services Information

	Authorized Positions		Personal Services Costs	
	<u>FY2003</u> <u>Authorized</u>	<u>FY2004</u> <u>Governor</u>		
Full-time	488	503	Annual Salaries	26,821,727
Part-time	42	23	Premium Pay	0
Nonpermanent	0	0	Annual Benefits	8,031,364
			Labor Pool(s)	18,283,900
			<i>Less 4.04% Vacancy Factor</i>	<i>(2,147,706)</i>
Totals	530	526	Total Personal Services	50,989,285

Position Classification Summary

Job Class Title	Anchorage	Fairbanks	Juneau	Others	Total
Assistant To	0	1	0	0	1
[No valid job title]	0	16	0	0	16
Able Seaperson	0	3	0	0	3
Accountant	0	3	0	0	3
Accounting Tech	0	1	0	0	1
Accounting Technician	0	10	0	1	11
Administrative Assis	0	2	0	0	2
Administrative Assistant	0	17	0	2	19
Administrative Clerk	0	0	0	2	2
Analyst	0	0	0	1	1
Applications Special	0	1	0	0	1
Assistant Director	0	1	0	0	1
Assistant Director (Admin)	0	1	0	0	1
Assistant Manager	0	1	0	0	1
Assistant Prof	0	1	0	0	1
Assistant Professor	0	29	1	4	34
Assistant To	0	2	0	0	2
Assistant to (Nonexempt)	0	1	0	0	1
Assistant To (Nonexempt)	0	1	0	0	1
Associate Professor)	0	1	0	0	1
Associate Director	0	1	0	0	1
Associate Director (Admin)	0	1	0	0	1
Associate Professor	0	19	1	3	23
Chief Scientist	0	1	0	0	1
Compositor	0	1	0	0	1
Coordinator	0	1	0	0	1
Coordinator (Exempt)	0	10	0	0	10
Coordinator (Nonexempt)	0	5	0	0	5
Coordinator (Non-exempt)	0	1	0	0	1
Crafts & Trades I	0	2	0	3	5
Crafts & Trades II	0	6	0	0	6
Crafts & Trades III	0	5	0	0	5
Crafts & Trades III (CT3)	0	1	0	1	2
Data Base Specialist (Exempt)	0	1	0	0	1
Data Base Specialist	0	1	0	0	1
Data Base Specialist (N-exempt)	0	1	0	0	1
Data Control Clerk	0	1	0	0	1
Data Specialist	0	2	0	0	2
Director	0	1	0	0	1
Director (Academic)	0	5	0	0	5
Director (Admin)	0	6	0	0	6
Director(Admin/ Non Executive)	0	1	0	0	1

Job Class Title	Anchorage	Fairbanks	Juneau	Others	Total
Drafter	0	1	0	0	1
Editorial Assistant	0	1	0	0	1
Engineer	0	5	0	1	6
Executive Officer	0	6	0	0	6
Executive Secretary	0	1	0	0	1
Facilitator	0	2	0	0	2
Field Operations Assistant	0	1	0	0	1
Field Operations Supervisor	0	1	0	0	1
First Mate	0	0	0	1	1
Fiscal Officer	0	2	0	0	2
Graphics Artist (Exempt)	0	1	0	0	1
Human Resource Generalist	0	2	0	0	2
Information Officer	0	1	0	0	1
Instructor	0	1	0	0	1
IS Manager 1	0	1	0	0	1
IS Manager 2	0	0	0	1	1
IS Manager 3	0	3	0	0	3
IS Manager 4	0	2	0	0	2
IS Net Technician 6	0	3	0	0	3
IS Net Technician 7	0	1	0	0	1
IS Ops Technician 3	0	1	0	0	1
IS Ops Technician 3	0	8	0	1	9
IS Ops Technician 4	0	2	0	0	2
IS Professional 1	0	3	0	0	3
IS Professional 2	0	6	0	0	6
IS Professional 3	0	30	0	1	31
IS Professional 4	0	19	0	0	19
IS Professional 5	0	2	0	0	2
IS Programmer 3	0	1	0	0	1
ISv Professional 3	0	1	0	0	1
Lab Assistant	0	5	0	1	6
Lab Technician	0	5	0	1	6
Launch Officer	0	1	0	0	1
Library Assistant	0	3	0	0	3
Library Technician	0	1	0	0	1
Maint Service Worker	0	0	0	1	1
Maint Service Worker III	0	1	0	0	1
Maint Service Worker III (MSW3)	0	0	0	2	2
Maint Service Worker III MSW3	0	0	0	1	1
Maint Service Worker IV (MSW4)	0	1	0	0	1
Maint Svcs Worker IV (MSW4)	0	1	0	0	1
Manager	0	15	0	2	17
Marine Chief Engineer	1	0	0	1	2
Marine Engineer First Asst	0	0	0	1	1
Master (Ship)	0	0	0	1	1
Office Manager	0	2	0	0	2
Personnel/Payroll Tech	0	1	0	0	1
Post Doc Fellowship	0	1	0	0	1
Post Doc. Fellowship	0	1	0	0	1
Post Doctoral Fellow	0	4	0	0	4
Professor	0	37	4	5	46
Professor SP-OR	0	1	0	0	1
Program Analyst I	0	1	0	0	1
Program Development Spec	0	1	0	0	1
Program Director	0	1	0	0	1
Program Manager	0	1	0	0	1
Programmer	0	3	0	0	3
Project Engineer	0	3	0	0	3

Job Class Title	Anchorage	Fairbanks	Juneau	Others	Total
Property Officer	0	1	0	0	1
Public Relations Coordinator	0	0	1	0	1
Publication Info Specialist	0	1	0	0	1
Purchasing Clerk	0	1	0	0	1
Quality Control Engineer	0	1	0	0	1
Research Asst Professor	0	1	0	0	1
Research Professor	0	1	0	0	1
Research Analyst	0	8	0	0	8
Research Assistant	0	2	0	1	3
Research Assoc Professor	0	4	0	0	4
Research Associate	0	21	0	1	22
Research Associate Professor	0	1	0	0	1
Research Associate	0	1	0	0	1
Research Asst Professor	0	1	0	0	1
Research Faculty	0	2	0	0	2
Research Professor	1	5	0	0	6
Research Technician	0	15	0	1	16
Sci Ctr Manager ASF	0	1	0	0	1
Seismic Data Manager	0	1	0	0	1
Steward	0	0	0	1	1
Superintendent	0	1	0	0	1
Supervisor	0	1	0	0	1
Supervisor (Exempt)	0	7	0	1	8
Supervisor (Nonexempt)	0	2	0	0	2
Supervisor (Non-Exempt)	0	1	0	0	1
Support Svcs Specialist	0	1	0	0	1
System Analyst	0	1	0	0	1
System Programmer	0	1	0	0	1
Systems Analyst	0	1	0	0	1
Systems Programmer	0	1	0	0	1
Systems Software Engineer	0	2	0	0	2
Systems Software Engr	0	1	0	0	1
Systems/Software Engineer	0	3	0	0	3
Technical Secretary	0	3	0	0	3
Technician	0	13	0	3	16
Totals	2	470	7	46	525