

State of Alaska FY2019 Governor's Operating Budget

Department of Natural Resources Geological & Geophysical Surveys Component Budget Summary

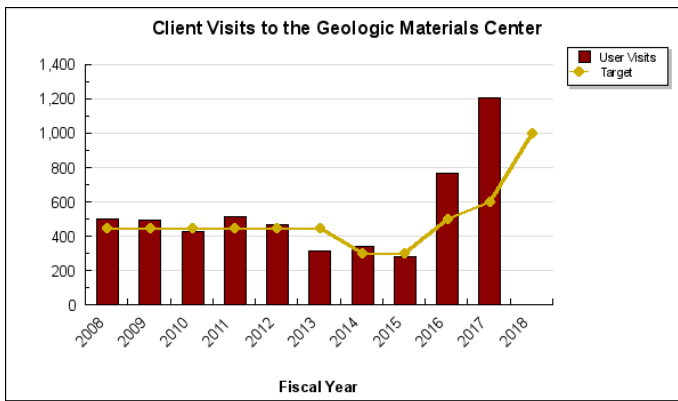
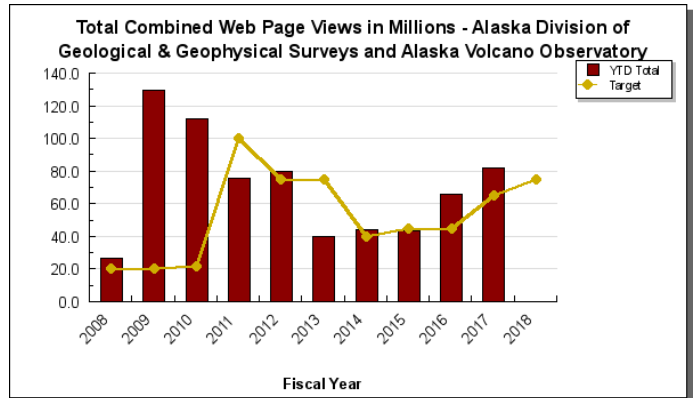
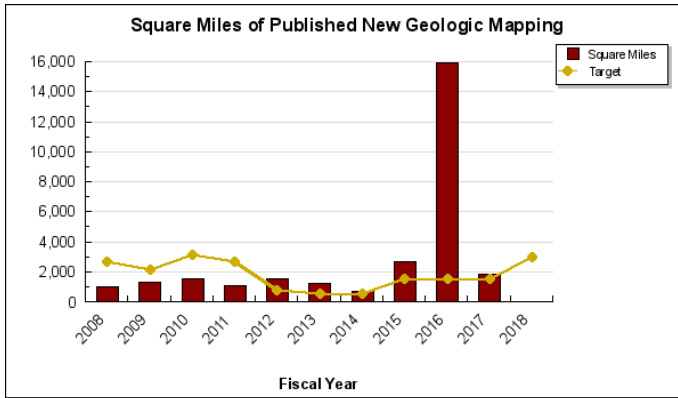
Component: Geological & Geophysical Surveys

Contribution to Department's Mission

Conduct geological and geophysical surveys to determine the potential of Alaskan land for production of metals, minerals, fuels, and geothermal resources, the potential geologic hazards to buildings, roads, bridges, and other installations and structures; and conduct such other surveys and investigations as will advance knowledge of the geology of the state. (AS 41.08)

Results

(Additional performance information is available on the web at <https://omb.alaska.gov/results>.)



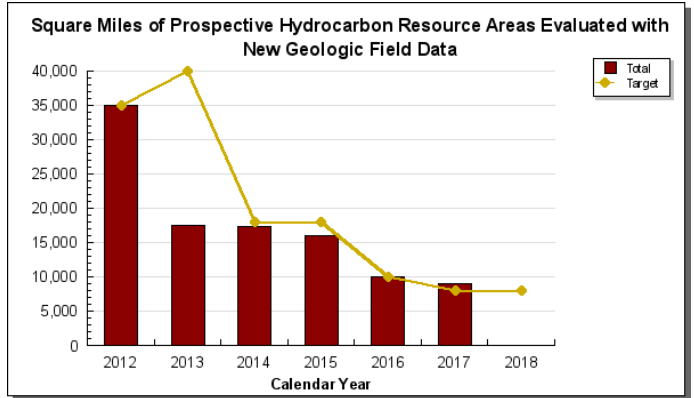
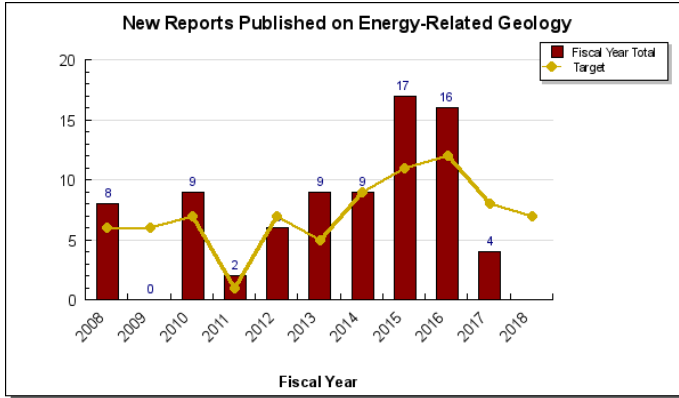
Core Services

- Produce timely and reliable new energy-related geologic information in areas of poor geologic understanding and high energy-resource potential
- Produce timely and reliable new minerals-related geological and geophysical information in areas of limited information and high mineral-resource potential
- Produce timely and reliable new information on geologic hazards in areas at risk of casualties, economic losses, and infrastructure failure from natural disasters
- Provide timely delivery of geological and geophysical information to industry, government, and the public in support of resource exploration, development, and pre-disaster hazard mitigation for continued economic growth and public safety
- Preserve the state's archive of representative geologic materials from across the state and provide improved public access to the non-proprietary sample inventory in support of resource exploration, land management, and geologic education

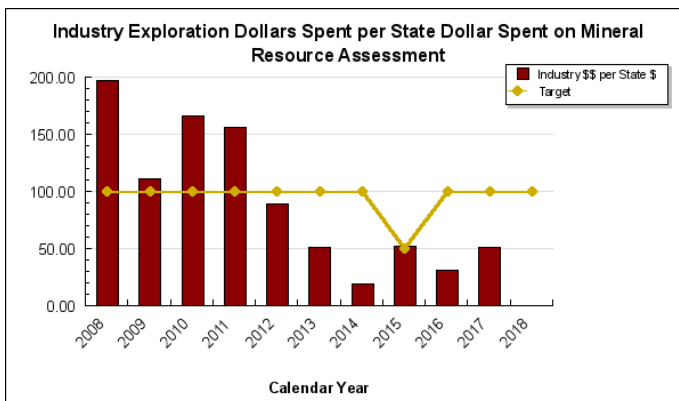
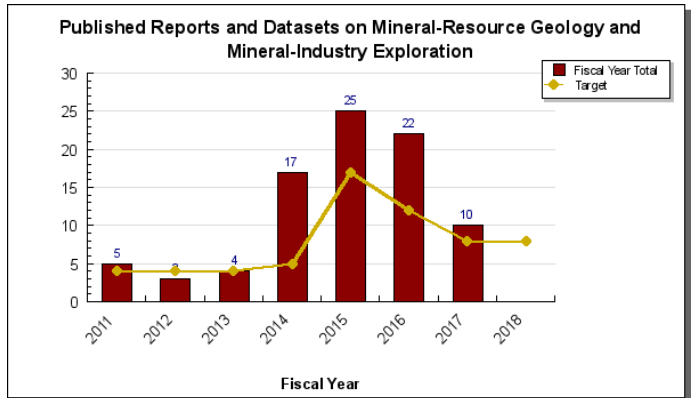
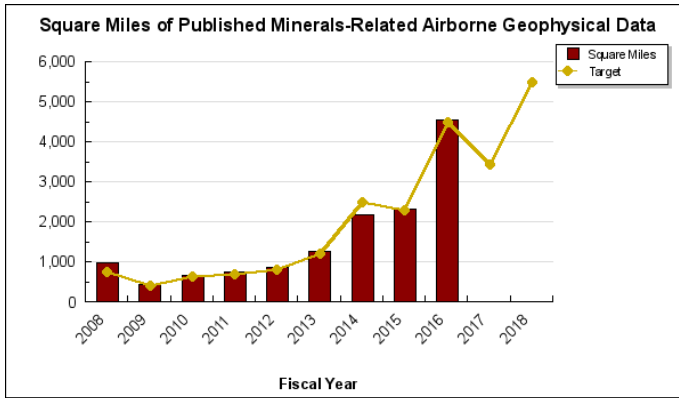
Measures by Core Service

(Additional performance information is available on the web at <https://omb.alaska.gov/results>.)

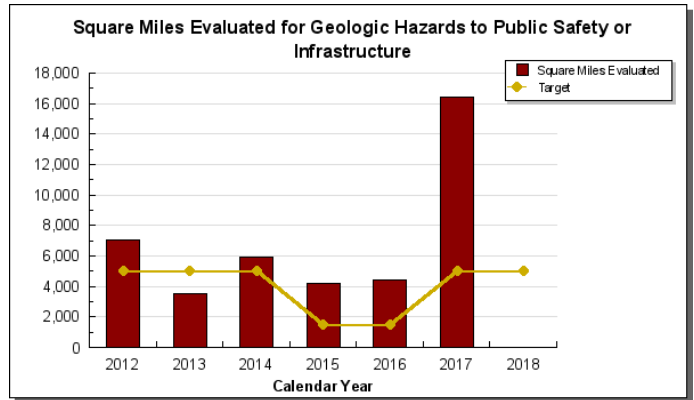
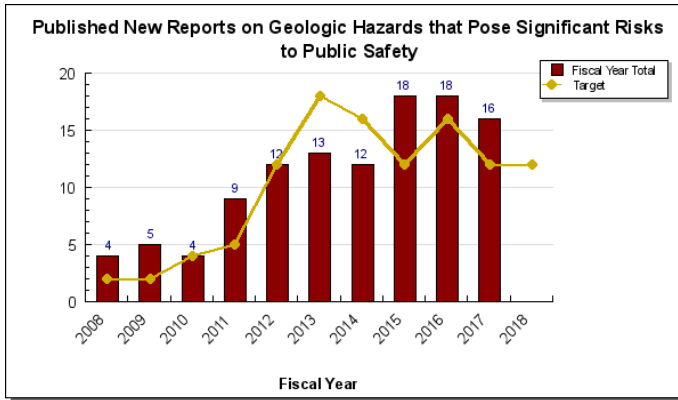
1. Produce timely and reliable new energy-related geologic information in areas of poor geologic understanding and high energy-resource potential



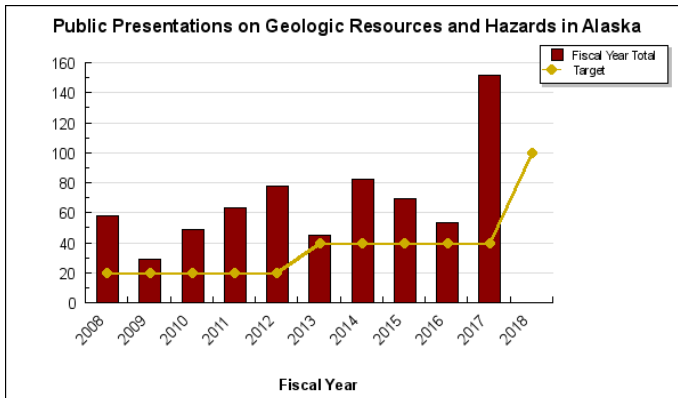
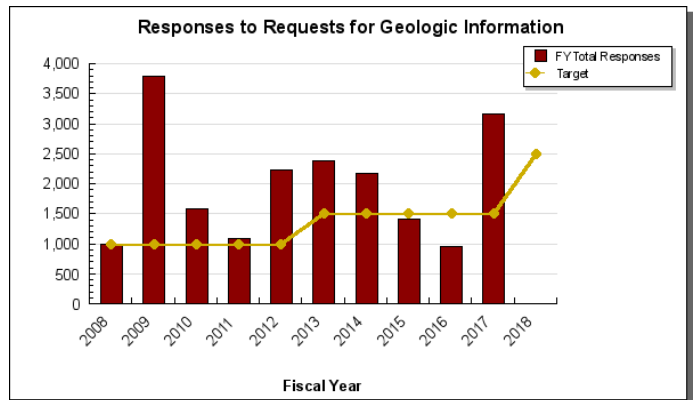
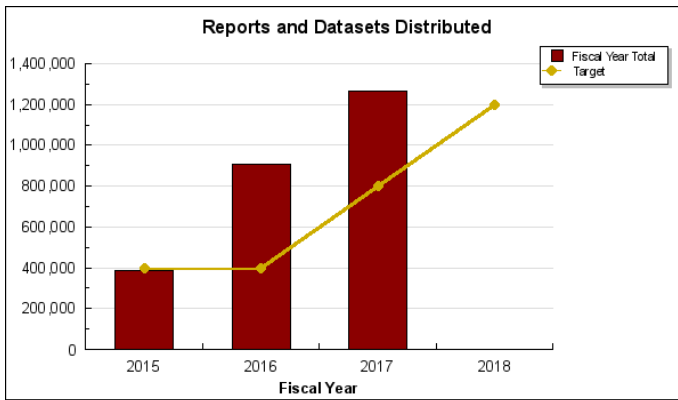
2. Produce timely and reliable new minerals-related geological and geophysical information in areas of limited information and high mineral-resource potential



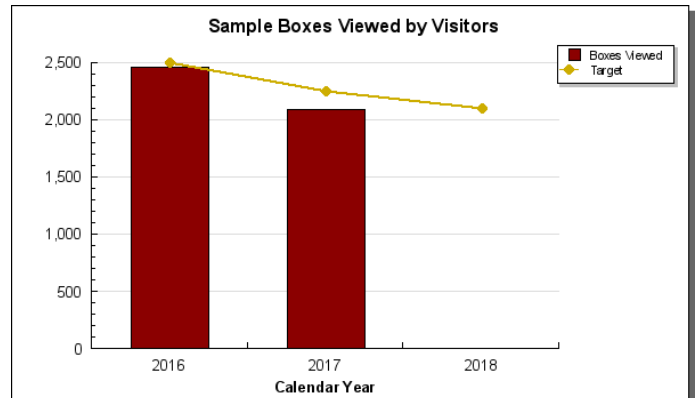
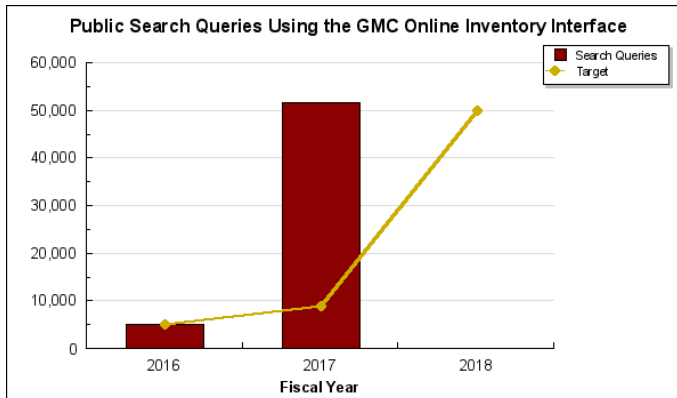
3. Produce timely and reliable new information on geologic hazards in areas at risk of casualties, economic losses, and infrastructure failure from natural disasters



4. Provide timely delivery of geological and geophysical information to industry, government, and the public in support of resource exploration, development, and pre-disaster hazard mitigation for continued economic growth and public safety



5. Preserve the state's archive of representative geologic materials from across the state and provide improved public access to the non-proprietary sample inventory in support of resource exploration, land management, and geologic education



Major Component Accomplishments in 2017

Conducted successful field evaluations for petroleum and mineral resources, and geologic hazards, which included focused topical studies of rock units with significant hydrocarbon potential, gold and copper resources in eastern Alaska, as well as and field work in support of the in-state natural gas pipeline and projects evaluating avalanches, landslides, permafrost, hydrology, coastal flooding and erosion, and active faults.

Published 37 new geologic maps and reports, distributed 247 hard-copy publications, served 908,033 digital data and publication files (a 10% increase from FY2016) via free downloads from the Division of Geological and Geophysical Surveys (DGGS) website (dggs.alaska.gov). DGGS responded to more than 3,169 geologic information requests, and recorded nearly 29.7 million web page views (a 26% increase from FY2016). DGGS ended the year with more than 10,000 followers on Twitter, 600 subscribers to the division’s RSS feed, and more than 65,000 visits to the DGGS Facebook page.

Completed detailed geologic mapping and geochemical sampling in the Tok River area. Field work in summer 2016 covered 480 square miles of the eastern Alaska Range just south of Tok. DGGS documented 20 mineral occurrences not previously part of the public record, and following publication of the state-funded airborne geophysical survey and geochemical datasets, industry staked about 76,500 acres of claims on state land in the area.

DGGS Minerals Section conducted a 5,500 square mile fixed-wing magnetic survey in the Porcupine River area for the U.S. Geological Survey’s Minerals Program. Additionally, the Minerals Section managed a detailed airborne magnetic survey for the Icy Cape area, near Yakutat, as part of the Alaska Mental Health Trust Land Office Icy Cape Gold and Industrial Heavy Minerals project.

The DGGS Coastal Hazards Program continues to establish flooding/erosion monitoring stations and collect new data to measure the impacts of storms on Alaska’s western coast. We have developed novel methods using low-tech and low-cost options that facilitate observations of flooding and erosion at the local level. The DGGS program manager visited 17 communities to install monitoring sites and meet with local governments.

DGGS continues to manage the DNR portion of the federally funded Tsunami Hazards Mitigation Program. Inundation maps showing areas that could be affected by future potential tsunami were published for King Cove, Cold Bay, Nikolski, Chignik, Chignik Lagoon, and Sand Point, and coseismic permanent flooding maps were published for Unalaska and Akutan.

The DGGS Climate & Cryosphere Hazards Program launched a new NASA-funded citizen science project that uses crowdsourcing to obtain measurements of snow depth in order to improve snow distribution models in Alaska. These snow models are critical for assessing avalanche hazards to communities, infrastructure, and backcountry travelers.

DGGS-AVO staff continue to play a lead role in monitoring and communication of volcanic unrest and activity, managing information flow both within the observatory and out to the public. Bogoslof volcano consumed much of the AVO's staff time since the volcano began erupting in December 2016 (over 60 explosive events). AVO staff participated in seismic and remote sensing watches, answering emails and phone calls from the public, and accurately and efficiently distributing volcanic activity information through the DGGS-managed AVO website (with more than 52 million visits in FY2017), Facebook, and Twitter sites.

Using a federal grant, DGGS developed a database of geologic photographs and loaded ~5,500 legacy photos from Gil Mull's (retired DGGS geologist) collection. Many locations captured in this collection figure prominently in the framework geology of the North Slope and were documented by a geologist who played a central role in the discovery of Prudhoe Bay oil field.

There were 1,204 visitors to the Geologic Materials Center (GMC) in FY2017, which exceeded visits to the facility in FY2015 and FY2016 combined. GMC staff also provided 36 facility tours to the general public, industry, academia, and government agencies.

DGGS Energy Section staff led a core workshop focusing on the reservoir potential of the Nanushuk Formation in the eastern NPRA and on state lands immediately east of the Colville River. Workshop was attended by over 40 geologists from the oil and gas industry.

Key Component Challenges

Limited resources restrict field activities and challenge the division's ability to meet many of its statutory responsibilities, including to determine the potential of Alaskan land for production of metals, minerals and fuels (AS 41.08.020); to respond to industry requests for information and systematically collect evaluate and archive mineral and energy resources data (AS 41.08.017); to collect, evaluate, and distribute geologic data on seismic events, identify potential seismic hazards, and inform public officials and industry about potential seismic hazards (AS 41.08.020).

With the advent of adopting a fee-for-service model, along with distributing seismic tax credit data at the Geologic Materials Center (GMC), increased administrative tasks will challenge geological staff's ability to curate the collection and serve visitors.

Reductions to interagency coordination from a reduced presence at conferences and meetings challenges the division's ability to engage with, and attract potential explorers of the state's natural resources, and to coordinate with federal and other state agencies to attract external funding.

DGGS is challenged to provide the needed geologic information about energy resources for use by rural communities.

Limited progress in improving the quality, completeness and usability of statewide geologic datasets on mineral potential challenges the division's ability to raise Alaska's attractiveness for exploration investment relative to other political jurisdictions, and to stimulate mineral development.

Supplying pre-planning information on geologic hazards and potential climate effects in advance of infrastructure and community development across the state remains a key challenge.

Ensuring awareness of the available geological information, and the value derived from incorporating geologic information in decision making.

Significant Changes in Results to be Delivered in FY2019

Accelerate publication of recently acquired geologic data, focusing on airborne geophysics and sample geochemistry for the Strategic and Critical Minerals Assessment program to help realize the potential for these commodities in highly prospective areas of the state.

Focus on publication of recently acquired petroleum geology data in the Cook Inlet region, re-initiate North Slope petroleum geology fieldwork, and continue mineral resource assessments in the Richardson and Tanacross areas of eastern Alaska. These reports will help evaluate oil and gas potential from conventional and unconventional resource

plays and attracts new investment from industry and investigate underexplored extensions of the Delta mineral belt of volcanogenic massive-sulfide (VMS) deposits.

Evaluate construction materials, geologic hazards, and water resources in areas of current and potential infrastructure development associated with natural resource exploration and economic development.

Strengthen partnerships with federal agencies and local communities to provide scientific assessments of natural hazards, such as landslides, coastal erosion, and tsunami, to help augment the safety and well-being of potentially affected areas and residents and deliver pertinent information to city planners and community leaders.

Enhance services and access to geologic materials and geophysical data through the implementation of new policies and fees, and deployment of new equipment at the new GMC.

Continue emphasis on publication of legacy data and projects, making information already collected publicly available.

Continue efforts to publish online reports, maps, and digital datasets available for download and focus less on physically printed media.

Statutory and Regulatory Authority

AS 41.08

Contact Information
<p>Contact: Steve Masterman, Director Phone: (907) 451-5007 Fax: (907) 451-5223 E-mail: steve.masterman@alaska.gov</p>

Geological & Geophysical Surveys Personal Services Information				
Authorized Positions			Personal Services Costs	
	FY2018 Management Plan	FY2019 Governor		
Full-time	36	36	Annual Salaries	3,507,853
Part-time	1	1	Premium Pay	23,286
Nonpermanent	9	8	Annual Benefits	1,896,472
			<i>Less 1.05% Vacancy Factor</i>	<i>(56,811)</i>
			Lump Sum Premium Pay	0
Totals	46	45	Total Personal Services	5,370,800

Position Classification Summary					
Job Class Title	Anchorage	Fairbanks	Juneau	Others	Total
Admin Asst III	0	1	0	0	1
Administrative Officer II	0	1	0	0	1
Analyst/Programmer IV	1	2	0	0	3
Chief Geologist	0	1	0	0	1
Division Operations Manager	0	1	0	0	1
Geological Scientist I	0	1	0	0	1
Geologist I	0	4	0	0	4
Geologist II	0	2	0	0	2
Geologist III	1	4	0	0	5
Geologist IV	1	11	0	0	12
Geologist V	1	2	0	0	3
Gis Analyst II	0	1	0	0	1
Gis Analyst III	0	1	0	0	1
Micro/Network Spec II	0	1	0	0	1
Micro/Network Tech I	0	1	0	0	1
Natural Resource Tech II	0	1	0	0	1
Petroleum Geologist I	0	1	0	0	1
Publications Spec I	0	1	0	0	1
Student Intern	1	3	0	0	4
Totals	5	40	0	0	45

Component Detail All Funds
Department of Natural Resources

Component: Geological & Geophysical Surveys (1031)
RDU: Fire Suppression, Land & Water Resources (602)

Non-Formula Component

	FY2017 Actuals	FY2018 Conference Committee	FY2018 Authorized	FY2018 Management Plan	FY2019 Governor	FY2018 Management Plan vs FY2019 Governor	
71000 Personal Services	4,981.0	5,510.0	5,510.0	5,353.6	5,370.8	17.2	0.3%
72000 Travel	124.9	91.0	91.0	91.0	91.0	0.0	0.0%
73000 Services	1,434.2	2,250.4	2,250.4	2,328.6	2,328.6	0.0	0.0%
74000 Commodities	437.8	461.7	461.7	539.9	539.9	0.0	0.0%
75000 Capital Outlay	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
77000 Grants, Benefits	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
78000 Miscellaneous	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
Totals	6,977.9	8,313.1	8,313.1	8,313.1	8,330.3	17.2	0.2%
Fund Sources:							
1002Fed Rcpts (Fed)	1,423.1	2,100.2	2,100.2	2,100.2	2,104.5	4.3	0.2%
1004Gen Fund (UGF)	4,439.9	3,749.8	3,749.8	3,749.8	3,558.8	-191.0	-5.1%
1005GF/Prgm (DGF)	1.2	329.0	329.0	329.0	529.0	200.0	60.8%
1007I/A Rcpts (Other)	377.4	461.2	461.2	461.2	462.1	0.9	0.2%
1061CIP Rcpts (Other)	652.9	1,465.5	1,465.5	1,465.5	1,468.2	2.7	0.2%
1108Stat Desig (Other)	83.4	207.4	207.4	207.4	207.7	0.3	0.1%
Unrestricted General (UGF)	4,439.9	3,749.8	3,749.8	3,749.8	3,558.8	-191.0	-5.1%
Designated General (DGF)	1.2	329.0	329.0	329.0	529.0	200.0	60.8%
Other Funds	1,113.7	2,134.1	2,134.1	2,134.1	2,138.0	3.9	0.2%
Federal Funds	1,423.1	2,100.2	2,100.2	2,100.2	2,104.5	4.3	0.2%
Positions:							
Permanent Full Time	38	36	36	36	36	0	0.0%
Permanent Part Time	1	1	1	1	1	0	0.0%
Non Permanent	12	10	10	9	8	-1	-11.1%

Change Record Detail - Multiple Scenarios with Descriptions
Department of Natural Resources

Component: Geological & Geophysical Surveys (1031)
RDU: Fire Suppression, Land & Water Resources (602)

Scenario/Change Record Title	Trans Type	Totals	Personal Services	Travel	Services	Commodities	Capital Outlay	Grants, Benefits	Miscellaneous	Positions		NP
										PFT	PPT	
***** Changes From FY2018 Conference Committee To FY2018 Authorized *****												
FY2018 Conference Committee												
ConfCom		8,313.1	5,510.0	91.0	2,250.4	461.7	0.0	0.0	0.0	36	1	10
1002 Fed Rcpts		2,100.2										
1004 Gen Fund		3,749.8										
1005 GF/Prgm		329.0										
1007 I/A Rcpts		461.2										
1061 CIP Rcpts		1,465.5										
1108 Stat Desig		207.4										
Subtotal		8,313.1	5,510.0	91.0	2,250.4	461.7	0.0	0.0	0.0	36	1	10
***** Changes From FY2018 Authorized To FY2018 Management Plan *****												
Delete Vacant Geologist IV (10-N13094)												
PosAdj		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	-1
Delete position connected to a capital project that has been completed and will not be extended. The funding will be used for other capital projects.												
Delete (10-N13094) Geologist IV, range 21, Fairbanks, Non-Permanent												
Align Authority to Comply with Vacancy Factor Guidelines												
LIT		0.0	-156.4	0.0	78.2	78.2	0.0	0.0	0.0	0	0	0
Through the deletion of an expired position and new employees hired at lower steps, funds are available to transfer from personal services to contractual and commodities to assist with increased technology costs.												
Subtotal		8,313.1	5,353.6	91.0	2,328.6	539.9	0.0	0.0	0.0	36	1	9
***** Changes From FY2018 Management Plan To FY2019 Governor *****												
FY2019 Salary and Health Insurance Increases												
SalAdj		17.2	17.2	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
1002 Fed Rcpts		4.3										
1004 Gen Fund		9.0										
1007 I/A Rcpts		0.9										
1061 CIP Rcpts		2.7										
1108 Stat Desig		0.3										
Salary and Health Insurance Increases: \$17.2												
Calculate FY2019 increase to GGU Health Insurance from \$1389 to \$1432 per member per month.												

Change Record Detail - Multiple Scenarios with Descriptions
Department of Natural Resources

Component: Geological & Geophysical Surveys (1031)
RDU: Fire Suppression, Land & Water Resources (602)

Scenario/Change Record Title	Trans Type	Totals	Personal Services	Travel	Services	Commodities	Capital Outlay	Grants, Benefits	Miscellaneous	Positions		NP
										PFT	PPT	
Replace General Fund with Program Receipt Authority Utilizing New Revenue from Seismic Data												
	FndChg	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
1004 Gen Fund		-200.0										
1005 GF/Prgm		200.0										
<p>This fund source change will utilize new revenue generated by fees for services, products and data at the Geologic Material Center in Anchorage.</p> <p>The Lt. Governor signed new fee regulations into place on October 9, 2017 and the division will begin collecting fees from these new regulations in November, 2017. Revenue from the sale of seismic data is difficult to estimate at this time but it is possible an additional fund source change in FY2020 could be supported.</p> <p>This fund source change uses revenue from the natural resource industries to fund activities that support increased natural resource development.</p>												
Delete Vacant Long-Term Non-Perm Administrative Assistant I (10-N17013)												
	PosAdj	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	-1
<p>This position was created to assist with an increased number of federal grants which have not yet materialized; it can be deleted at this time. When this position was added to the budget, the expectation was federal funding would be available to support this position which has not occurred. Due to other grants that have materialized, the federal funding will be retained to fund other grants.</p> <p>Delete (10-N17013) Administrative Assistant I, range 12, Fairbanks, Non-Perm</p>												
Totals		8,330.3	5,370.8	91.0	2,328.6	539.9	0.0	0.0	0.0	36	1	8

Personal Services Expenditure Detail
Department of Natural Resources

Scenario: FY2019 Governor (14641)
Component: Geological & Geophysical Surveys (1031)
RDU: Fire Suppression, Land & Water Resources (602)

PCN	Job Class Title	Time Status	Retire Code	Barg Unit	Location	Salary Sched	Range / Step	Comp Months	Split / Count	Annual Salaries	COLA	Premium Pay	Annual Benefits	Total Costs	UGF Amount
10-0270	Micro/Network Tech I	PT	A	GP	Fairbanks	203	14A / B	12.0		16,551	0	0	14,637	31,188	31,188
10-0279	Micro/Network Spec II	FT	A	GP	Fairbanks	203	20J	12.0		86,052	0	0	48,405	134,457	80,674
10-1607	Natural Resource Tech II	FT	A	GP	Fairbanks	203	12G	12.0		47,712	0	0	34,553	82,265	82,265
10-1875	Geologist IV	FT	A	GP	Anchorage	200	21D / E	12.0		78,144	0	0	45,548	123,692	74,215
10-2008	Geologist III	FT	A	GP	Fairbanks	203	19D / E	12.0		71,584	0	0	43,178	114,762	80,333
10-2016	Geologist IV	FT	A	GP	Fairbanks	99	21L / M	12.0		101,213	0	0	53,883	155,096	108,567
10-2030	Analyst/Programmer IV	FT	A	GP	Fairbanks	203	20D / E	12.0		76,757	0	0	45,047	121,804	0
10-2035	Geologist II	FT	A	GP	Fairbanks	203	17C / D	12.0		59,490	0	0	38,808	98,298	68,809
10-2040	Division Operations Manager	FT	A	SS	Fairbanks	203	24F / J	12.0		112,202	0	0	59,369	171,571	171,571
10-2046	Geological Scientist I	FT	A	SS	Fairbanks	99	22N	12.0		114,013	0	0	60,023	174,036	121,825
10-2058	Geologist V	FT	A	SS	Anchorage	200	22D / E	12.0		88,036	0	0	50,638	138,674	138,674
10-2060	Geologist V	FT	A	SS	Fairbanks	99	22P	12.0		121,544	0	0	62,744	184,288	165,859
10-2061	Geologist I	FT	A	GP	Fairbanks	203	15B / C	12.0		49,858	0	0	35,328	85,186	0
10-2062	Gis Analyst III	FT	A	GP	Fairbanks	203	19G	12.0		77,232	0	0	45,218	122,450	73,470
10-2064	Geologist III	FT	A	GP	Fairbanks	203	19F / G	12.0		75,902	0	0	44,738	120,640	84,448
10-2085	Geologist IV	FT	A	GP	Fairbanks	203	21J	12.0		92,124	0	0	50,599	142,723	0
10-2100	Admin Asst III	FT	A	GP	Fairbanks	203	15L	12.0		65,532	0	0	40,991	106,523	106,523
10-2117	Geologist V	FT	A	SS	Fairbanks	99	22M / N	12.0		112,714	0	0	59,554	172,268	0
10-2122	Geologist IV	FT	A	GP	Fairbanks	203	21F / G	12.0		86,528	0	0	48,577	135,105	54,042
10-2124	Geologist II	FT	A	GP	Fairbanks	203	17D / E	12.0		63,088	0	0	40,108	103,196	72,237
10-2133	Geologist IV	FT	A	GP	Fairbanks	203	21J / K	12.0		93,867	0	0	51,228	145,095	101,567
10-2175	Publications Spec I	FT	A	GP	Fairbanks	203	13B / C	12.0		44,376	0	0	33,347	77,723	62,178
10-2217	Administrative Officer II	FT	A	SS	Fairbanks	99	19K / L	12.0		83,896	0	0	49,142	133,038	133,038
10-2223	Analyst/Programmer IV	FT	A	GP	Fairbanks	99	20M	12.0		98,271	0	0	52,820	151,091	90,655
10-2224	Geologist IV	FT	A	GP	Fairbanks	203	21E / F	12.0		84,709	0	0	47,920	132,629	79,577
10-2225	Geologist IV	FT	A	GP	Fairbanks	203	21K	12.0		95,112	0	0	51,678	146,790	88,074
10-2226	Geologist IV	FT	A	GP	Fairbanks	203	21B / C	12.0		76,092	0	0	44,806	120,898	60,449
10-2227	Geologist IV	FT	A	GP	Fairbanks	203	21J / K	12.0		92,498	0	0	50,734	143,232	100,262
10-2229	Geologist IV	FT	A	GP	Fairbanks	99	21L / M	12.0		101,213	0	0	53,883	155,096	77,548
10-2231	Analyst/Programmer IV	FT	A	GP	Anchorage	200	20E / F	12.0		76,820	0	0	45,069	121,889	85,322
10-2232	Geologist III	FT	A	GP	Fairbanks	99	19M / N	12.0		89,842	0	0	49,774	139,616	97,731
10-2234	Geologist III	FT	A	GP	Anchorage	200	19K	12.0		80,664	0	0	46,458	127,122	127,122
10-2237	Geologist IV	FT	A	GP	Fairbanks	203	21G / J	12.0		91,815	0	0	50,487	142,302	113,842
10-2238	Gis Analyst II	FT	A	GP	Fairbanks	203	17G	12.0		67,584	0	0	41,732	109,316	60,124
10-4228	Chief Geologist	FT	A	XE	Fairbanks	N03	27	12.0		137,171	0	0	67,727	204,898	204,898
10-4248	Geologist IV	FT	A	GP	Fairbanks	203	21J	12.0		92,124	0	0	50,599	142,723	71,362
10-I019	Student Intern	NP	N	XE	Fairbanks	N03	0A /	12.0		37,260	0	6,142	4,948	48,350	0
10-I023	Student Intern	NP	N	XE	Anchorage	N00	0 /	12.0		36,180	0	6,007	4,809	46,996	0

Note: If a position is split, an asterisk (*) will appear in the Split/Count column. If the split position is also counted in the component, two asterisks (**) will appear in this column. [No valid job title] appearing in the Job Class Title indicates that the PCN has an invalid class code or invalid range for the class code effective date of this scenario.

Personal Services Expenditure Detail
Department of Natural Resources

Scenario: FY2019 Governor (14641)
Component: Geological & Geophysical Surveys (1031)
RDU: Fire Suppression, Land & Water Resources (602)

PCN	Job Class Title	Time Status	Retire Code	Barg Unit	Location	Salary Sched	Range / Step	Comp Months	Split / Count	Annual Salaries	COLA	Premium Pay	Annual Benefits	Total Costs	UGF Amount
10-I025	Student Intern	NP	N	XE	Fairbanks	N03	0 /	12.0		52,380	0	6,547	6,718	65,645	0
10-I026	Student Intern	NP	N	XE	Fairbanks	N03	0A /	12.0		36,900	0	4,590	4,730	46,220	46,220
10-N11004	Geologist III	NP	N	GP	Fairbanks	203	19A	12.0		63,264	0	0	26,254	89,518	0
10-N11030	Geologist I	NP	N	GP	Fairbanks	203	15A	12.0		47,717	0	0	24,057	71,774	0
10-N17006	Geologist I	NP	N	GP	Fairbanks	203	15A	12.0		47,717	0	0	24,057	71,774	0
10-N17007	Geologist I	NP	N	GP	Fairbanks	203	15A	12.0		47,717	0	0	24,057	71,774	0
10-N17013	Administrative Assistant I	NP	A	GG	Fairbanks	203	12A	12.0		0	0	0	0	0	0
10-X013	Petroleum Geologist I	FT	A	XE	Fairbanks	N03	26	12.0		136,388	0	0	67,492	203,880	142,716
													Total Salary Costs:	3,507,853	
													Total COLA:	0	
													Total Premium Pay:	23,286	
													Total Benefits:	1,896,472	
													Total Pre-Vacancy:	5,427,611	
													Minus Vacancy Adjustment of 1.05%:	(56,811)	
													Total Post-Vacancy:	5,370,800	
													Plus Lump Sum Premium Pay:	0	
													Personal Services Line 100:	5,370,800	

	Total Positions	New	Deleted
Full Time Positions:	36	0	0
Part Time Positions:	1	0	0
Non Permanent Positions:	8	0	1
Positions in Component:	45	0	1

Total Component Months: 540.0

PCN Funding Sources:	Pre-Vacancy	Post-Vacancy	Percent
1002 Federal Receipts	988,553	978,206	18.21%
1004 General Fund Receipts	3,257,386	3,223,291	60.02%
1007 Interagency Receipts	271,536	268,694	5.00%
1061 Capital Improvement Project Receipts	829,843	821,157	15.29%
1108 Statutory Designated Program Receipts	80,293	79,452	1.48%
Total PCN Funding:	5,427,611	5,370,800	100.00%

Note: If a position is split, an asterisk (*) will appear in the Split/Count column. If the split position is also counted in the component, two asterisks (**) will appear in this column. [No valid job title] appearing in the Job Class Title indicates that the PCN has an invalid class code or invalid range for the class code effective date of this scenario.

Line Item Detail (1676)
Department of Natural Resources
Travel

Component: Geological & Geophysical Surveys (1031)

Line Number	Line Name		FY2017 Actuals	FY2018 Management Plan	FY2019 Governor
2000	Travel		124.9	91.0	91.0
Object Class	Servicing Agency	Explanation	FY2017 Actuals	FY2018 Management Plan	FY2019 Governor
2000 Travel Detail Totals			124.9	91.0	91.0
2000	In-State Employee Travel	Field projects, directors meetings, training	82.3	65.0	65.0
2001	In-State Non-Employee Travel	Seismic Board Travel	6.3	6.0	6.0
2002	Out of State Employee Travel	Meetings, trainings, and conferences	38.8	13.0	13.0
2005	Moving Costs	New hire relocation	7.7	7.0	7.0
2006	Other Travel Costs	Reimbursed FED Third Party Travel	-10.2	0.0	0.0

Line Item Detail (1676)
Department of Natural Resources
Services

Component: Geological & Geophysical Surveys (1031)

Line Number	Line Name		FY2017 Actuals	FY2018 Management Plan	FY2019 Governor
3000	Services		1,434.2	2,328.6	2,328.6
Object Class	Servicing Agency	Explanation	FY2017 Actuals	FY2018 Management Plan	FY2019 Governor
3000 Services Detail Totals			1,434.2	2,328.6	2,328.6
3000	Education Services	Membership, training fees, and conference registration	20.9	19.5	19.5
3001	Financial Services		1.4	1.4	1.4
3003	Information Technology	Software licensing	66.2	66.5	66.5
3004	Telecommunications		26.7	30.0	30.0
3006	Delivery Services		14.7	5.0	5.0
3008	Utilities	Electric, Gas, Water	12.8	10.7	10.7
3009	Structure/Infrastructure/Land	Surveys, Contracts and professional services associated with the collection field data collection.	192.1	920.5	920.5
3010	Equipment/Machinery	Helicopter, fixed wing aircraft, office and equipment maintenance contracts	767.7	919.5	919.5
3011	Other Services	Professional contracting services, annual report, and publication services	74.1	31.9	31.9
3012	Inter-Agency Federal Indirect Rate Allocation	NatRes - Administrative Services (424) Federal indirect	93.5	90.0	90.0
3016	Inter-Agency Economic Development	Admin - Department-wide UAF - Methanine & ALLIS	54.8	95.4	95.4
3016	Inter-Agency Economic Development	Univ - Department-wide Pending Projects	24.1	51.6	51.6
3021	Inter-Agency Mail	Admin - Department-wide	0.3	0.3	0.3
3022	Inter-Agency Human Resources	Admin - Department-wide	1.8	1.8	1.8

Line Item Detail (1676)
Department of Natural Resources
Services

Component: Geological & Geophysical Surveys (1031)

Object Class		Servicing Agency	Explanation	FY2017 Actuals	FY2018 Management Plan	FY2019 Governor
3000 Services Detail Totals				1,434.2	2,328.6	2,328.6
3023	Inter-Agency Building Leases	Admin - Department-wide		59.2	60.0	60.0
3024	Inter-Agency Legal	Law - Department-wide	Regulation Review	0.1	0.5	0.5
3027	Inter-Agency Financial	Admin - Department-wide	IRIS Financial, Payroll and Alder services	4.0	4.0	4.0
3037	State Equipment Fleet	Trans - Department-wide		19.8	20.0	20.0

Line Item Detail (1676)
Department of Natural Resources
Commodities

Component: Geological & Geophysical Surveys (1031)

Line Number	Line Name		FY2017 Actuals	FY2018 Management Plan	FY2019 Governor
4000	Commodities		437.8	539.9	539.9
Object Class	Servicing Agency	Explanation	FY2017 Actuals	FY2018 Management Plan	FY2019 Governor
4000 Commodities Detail Totals			437.8	539.9	539.9
4000	Business	Toner, ink cartridges, paper, books, educational material, maps, satellite imagery, work stations, office chairs, ergonomic accommodations, computers, copiers, scanners, external hard drives, laptops and monitors	408.6	509.4	509.4
4002	Household/Institutional	Approved food purchases for field survival kits and board meetings, cleaning supplies	0.3	0.5	0.5
4004	Safety	Firearms, bear spray, ammunition, helicopter helmets hard hats, and vests	5.2	5.0	5.0
4020	Equipment Fuel	Snowmobile, ATV and boat fuel	23.3	25.0	25.0
4022	Commodity Transfer		0.4	0.0	0.0

Revenue Detail (1681)
Department of Natural Resources

Component: Geological & Geophysical Surveys (1031)

Revenue Type (OMB Fund Code) Revenue Source	Component	Comment	FY2017 Actuals	FY2018 Management Plan	FY2019 Governor
5002 Fed Rcpts (1002 Fed Rcpts)			1,423.1	2,100.2	2,104.5
5010 Federal Natural Resources - Miscellaneous Grants			1,423.1	2,100.2	2,104.5
5005 GF/Prgm (1005 GF/Prgm)			1.2	329.0	529.0
5109 Program Receipts General Government - Publication Fees			1.2	329.0	529.0
5007 I/A Rcpts (1007 I/A Rcpts)			377.4	461.2	462.1
5301 Inter-Agency Receipts			0.0	461.2	462.1
5301 Inter-Agency Receipts	Admin - Department-wide	Lease credits	50.0	0.0	0.0
5301 Inter-Agency Receipts	M&VA - Department-wide	Tsunami modeling	10.7	0.0	0.0
5301 Inter-Agency Receipts	NatRes - Geological & Geophysical Surveys (1031)	Indirect rate charges	43.4	0.0	0.0
5301 Inter-Agency Receipts	NatRes - Oil & Gas (439)	Multiple projects	49.1	0.0	0.0
5301 Inter-Agency Receipts	Univ - Department-wide	Methane and frozen debris projects	224.2	0.0	0.0
5061 CIP Rcpts (1061 CIP Rcpts)			652.9	1,465.5	1,468.2
5351 Capital Improvement Project Inter-Agency			652.9	1,465.5	1,468.2
5108 Stat Desig (1108 Stat Desig)			83.4	207.4	207.7
5206 Statutory Designated Program Receipts - Contracts			83.4	207.4	207.7
6004 Gen Fund (1004 Gen Fund)			9.2	0.0	0.0
6046 General Fund - Prior Year Reimbursement Recovery			7.2	0.0	0.0
6047 General Fund - Miscellaneous			2.0	0.0	0.0

Inter-Agency Services (1682)
Department of Natural Resources

Component: Geological & Geophysical Surveys (1031)

				FY2017 Actuals	FY2018 Management Plan	FY2019 Governor
Component Totals				257.6	323.6	323.6
With Department of Natural Resources				93.5	90.0	90.0
With Department of Administration				120.1	161.5	161.5
With University of Alaska				24.1	51.6	51.6
With Department of Law				0.1	0.5	0.5
With Department of Transportation/Public Facilities				19.8	20.0	20.0
Object Class	Servicing Agency	Explanation		FY2017 Actuals	FY2018 Management Plan	FY2019 Governor
3012	Inter-Agency Federal Indirect Rate Allocation	NatRes - Administrative Services (424)	Federal indirect	93.5	90.0	90.0
3016	Inter-Agency Economic Development	Admin - Department-wide	UAF - Methanine & ALLIS	54.8	95.4	95.4
3016	Inter-Agency Economic Development	Univ - Department-wide	Pending Projects	24.1	51.6	51.6
3021	Inter-Agency Mail	Admin - Department-wide		0.3	0.3	0.3
3022	Inter-Agency Human Resources	Admin - Department-wide		1.8	1.8	1.8
3023	Inter-Agency Building Leases	Admin - Department-wide		59.2	60.0	60.0
3024	Inter-Agency Legal	Law - Department-wide	Regulation Review	0.1	0.5	0.5
3027	Inter-Agency Financial	Admin - Department-wide	IRIS Financial, Payroll and Alder services	4.0	4.0	4.0
3037	State Equipment Fleet	Trans - Department-wide		19.8	20.0	20.0