

Part 1 – Agency Profile

Agency Overview

The Idaho Geological Survey is the lead state agency for the collection, interpretation, and dissemination of geologic and mineral data for Idaho. The agency has served the state since 1919 and prior to 1984 was named the Idaho Bureau of Mines and Geology. The agency is staffed by about 9 state-funded FTEs and 20-25 externally funded temporary and part-time employees.

Members of the Idaho Geological Survey staff acquire geologic information through field and laboratory investigations and through cooperative programs with other governmental and private agencies. The Idaho Geological Survey's geologic mapping program is the primary applied research function of the agency. The Survey's Digital Mapping Laboratory is central to compiling, producing, and delivering new digital geologic maps. Other main Idaho Geological Survey programs include geologic hazards, hydrology, mining, mine safety training, abandoned and inactive mines inventory, and earth science education outreach. As Idaho grows, demand is increasing for geologic information related to population growth, mineral-, energy-, and water-resources, landslides and earthquakes.

Core Functions/Idaho Code

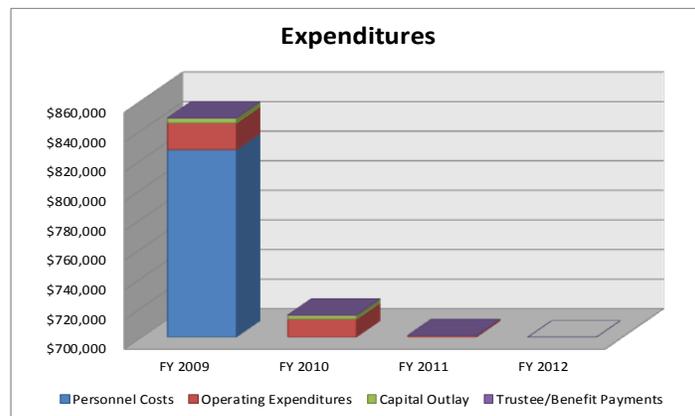
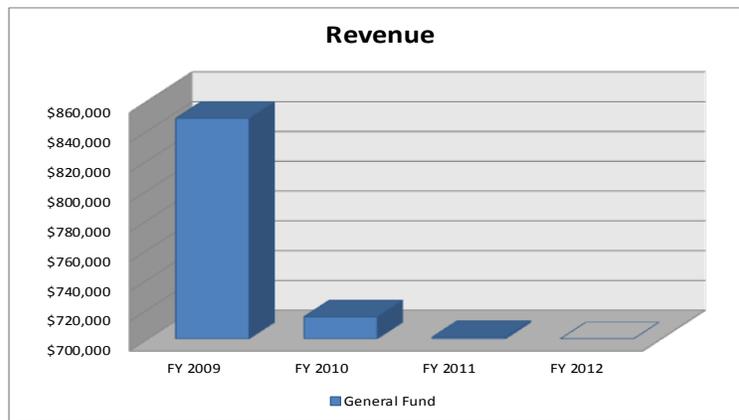
Idaho Code Title 47, Chapter 2, defines the authority, administration, advisory board members, functions and duty of the Idaho Geological Survey. The section contents are:

- **Section 47-201:** Creates the Idaho Geological Survey to be administered as special program at the University of Idaho. Specifies the purpose as the lead state agency for the collection, interpretation and dissemination of geologic and mineral information. Establishes a survey advisory board and designates advisory board members and terms.
- **Section 47-202:** Provides for an annual meeting of the advisory board, and location of the chief office at the University of Idaho. Directs that the director of the Idaho Geological Survey report to the President of the University through the Vice President for Research. Specifies for the appointment of a state geologist.
- **Section 47-203:** Defines the duty of the Idaho Geological Survey to conduct statewide studies in the field and in the laboratory and to prepare and publish reports on the geology, hydrology, geologic hazards and mineral resources of Idaho. Provides for establishment of a publication fund. Allows the Survey to seek and accept funded projects from, and to cooperate with, other agencies. Allows satellite offices at Boise State University and Idaho State University.
- **Section 47-204:** Specifies the preparation, contents, and delivery of a Survey Annual Report.

Idaho Geological Survey

Revenue and Expenditures:

Revenue	FY 2009	FY 2010	FY 2011	FY 2012
General Fund	\$ 848,100	\$ 714,800	\$701,100	\$671,800
Total	\$ 848,100	\$ 714,800	\$701,100	\$671,800
Expenditure	FY 2009	FY 2010	FY 2011	FY 2012
Personnel Costs	\$ 826,800	\$ 693,600	\$685,900	\$625,115
Operating Expenditures	18,006	18,609	\$15,200	\$22,812
Capital Outlay	3,294	2,591	0	\$23,873
Trustee/Benefit Payments	0	0	0	0
Total	\$848,800	\$ 714,800	\$701,100	\$671,800



Profile of Cases Managed and/or Key Services Provided

Cases Managed and/or Key Services Provided	FY 2009	FY 2010	FY 2011	FY 2012
Square Miles of Geological Mapping	684	577	988	916
Number of Educational Programs for Public Audiences	30	20	23	15
Number of Geologic Reports and Presentations	110	119	77	90
Number of Web-Site Viewers	396,318	493,582	452,405	540,774
Number of Grants and Contracts	26	27	15	22

Performance Highlights:

- The Idaho Geological Survey again ranked at or near the top of all STATEMAP funding awards from the National Cooperative Geologic Mapping Program from 2008 through 2012. The number of square miles mapped depends on the scale (detail) of the quadrangle. Digital geologic web maps have a wide range of uses and are the most popular survey products.
- A new geologic map of Idaho in digital format is now completed, reviewed, and ready for publication in FY2013. The previous state geologic map is more than thirty years old. This new version incorporates new research, technology, and age dating. The map also features a spectacular shaded-relief base.
- Announcement of new discoveries of oil and gas in SW Idaho have drastically increased the requests for oil and gas files and drill log information. The survey developed a web-based Google Map application to search the oil and gas file information.
- The Idaho Geological Survey completed the second year of a substantial three-year grant to contribute to the National Geologic Geothermal Data Program.
- The survey completed a study to assess geologic potential for CO₂ sequestration in Idaho.
- Global interest from the mineral industry continues in Idaho's traditional mining products as well as undeveloped rare-earth elements (Rare-earth elements include minerals critical to manufacturing computer processors and batteries).
- The survey completed a two-year study of the geology and hydrogeologic setting of the Mayfield area, Ada and Elmore counties, sponsored by the Idaho Department of Water Resources.
- A two-year study of aggregate characteristics funded by the Idaho Transportation Department is in the second field season.
- Nearly all survey products are now available on the website. More than a half million users visited the Idaho Geological Survey website during the year.

Part II – Performance Measures

Performance Measure	2009	2010	2011	2012	Benchmark
Number of Published Reports on Geology/Hydrology/Hazards/Mineral Resources	47	39	48	48	45
Cumulative Percent of Idaho's Area Covered by Modern Geologic Mapping	31.4	32.1	34.0	35.2	36.4
Externally Funded Grant and Contract Dollars	\$468,971	\$545,800	\$548,704	\$635,580	\$531,085
Number of Website Products Delivered/Used	242,544	205,519	220,102	202,490	201,463

Performance Measure Notes:

To meet the needs of modern users, the Idaho Geological Survey has shifted its publication strategy toward digital products delivered through the Internet. Nearly 100% of the survey products are now available on the website.

For More Information Contact

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