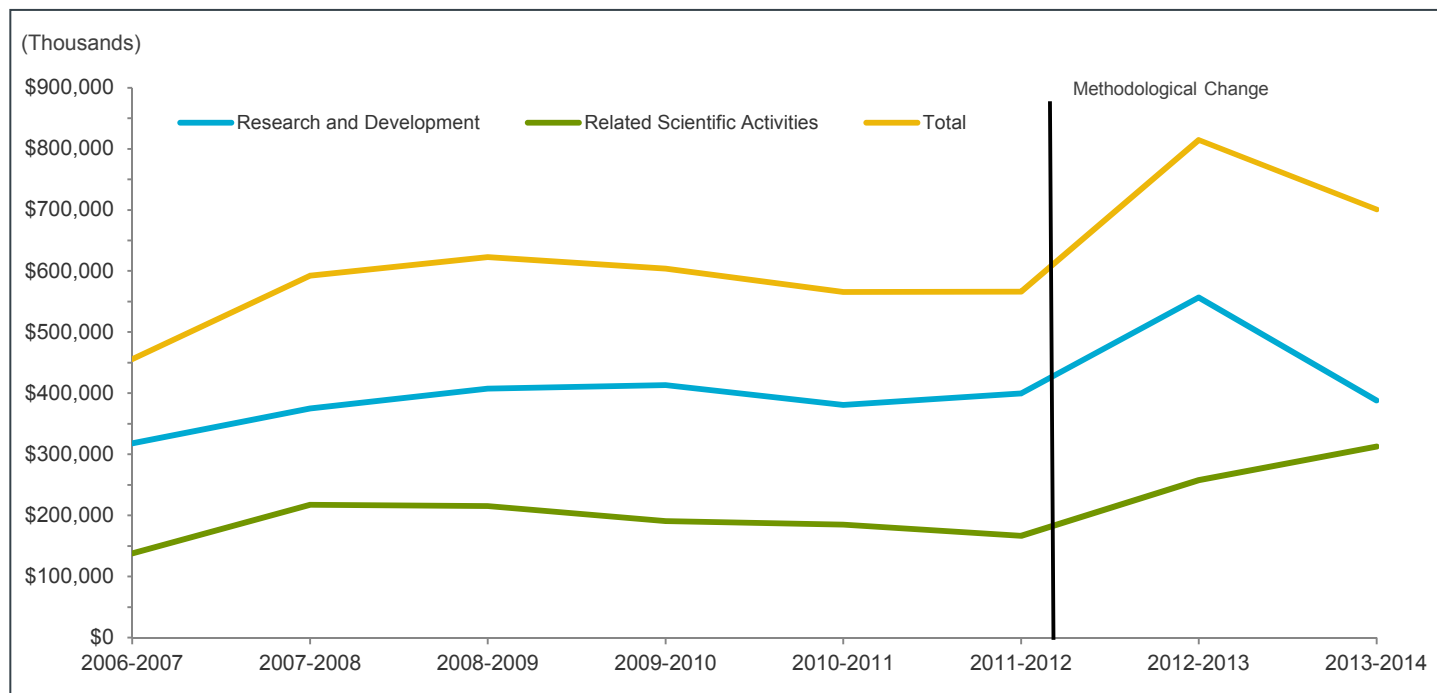


Alberta Official Statistics

Total Scientific Activities Expenditure/Research Investments of the Government of Alberta

- Since 2011-2012, the scientific activities expenditure information has been collected, managed and analyzed by Alberta Innovation and Advanced Education in the ministerial survey “Government of Alberta Research Investments Survey (GARI)”.
- Research expenditures include expenditures on both research and experimental development (R&D) and activities closely related to R&D, referred to as related scientific activities (RSA).
- Sixteen ministries and four Alberta Innovates corporations participating in the survey reported an overall of \$700.9 million research investments/scientific activities expenditures in 2013-2014, of which \$388.3 million (55.4%) was spent on R&D and \$312.6 million (44.6%) was spent on RSA. Of the total research expenditures, \$626.0 million or 89.3% was dedicated to natural sciences and \$74.9 million or 10.7% was spent on social sciences.
- In 2013-2014, the total reported research investments dropped by \$113.5 million (13.9%) from \$814.4 million in 2012-2013. The reported decline of \$154.1 million by Energy is the major contributor to this decrease.
- For more details, see the Government of Alberta’s Research Investments Survey Report 2013-2014.

Total Scientific Activities Expenditure/Research Investments of the Government of Alberta



Sources: Statistics Canada, Scientific Activities Report; Innovation and Advanced Education, Government of Alberta, Government of Alberta’s Research Investments Report

Metadata is an important component of the Alberta Official Statistics.

Use this form to record the metadata associated with the information product to be published. Please complete each field in as much detail as possible. Keep in mind that the audience will include members of the general public with no prior training or knowledge of the information you are presenting.

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All mandatory fields are marked with a star*.

Descriptions for each field are provided at the bottom of the document.

Title*	Total Scientific Activities Expenditure/ Research Investments of the Government of Alberta	
Alternative Title		
Creator*	Advanced Education	
Category* Select one or more	Government, Information and Communications Technology, Science and Technology	
	Aboriginal Peoples Agriculture Business Performance and Ownership Business, Consumer and Property Services Children and Youth Construction Crime and Justice Culture and Leisure Economic Accounts Education, Training and Learning Energy Environment Ethnic Diversity and Immigration Families, Households and Housing Government Health	Income, Pensions, Spending and Wealth Information and Communications Technology International Trade Labour Languages Manufacturing Population and Demography Prices and Price Indexes Reference Retail and Wholesale Science and Technology Seniors Society and Community Statistical Methods Transportation Travel and Tourism
Abstract*	This Alberta Official Statistic describes the total government spending towards scientific activities from 2006-2007 to 2013-2014.	
Full Description*	This Alberta Official Statistic describes the total government research expenditure towards scientific activities from 2006-2007 to 2013-2014. It includes both research and experimental development (R&D) and activities closely related to R&D, referred to as related scientific activities (RSA).	
Time Coverage YYYY-MM-DD – YYYY-MM-DD	2006-04-01 to 2014-03-31	

Spatial Coverage Select one or more	Alberta Alberta Canada Provinces Territories Inter-Provincial Economic Regions (ER) Regional Health Authorities (RHA) Selected Cities Census Agglomerations (CA) Census Metropolitan Areas (CMA) Metropolitan Influenced Zones (MIZ) Rural Areas (RA) Statistical Area Classification (SAC) Health Continuum Zones	
Data Source	Statistics Canada, Scientific Activities Report; Innovation and Advanced Education, Government of Alberta, Government of Alberta's Research Investments Survey Report	
Risk Considerations	Adapted from Statistics Canada, Scientific Activities Survey. This does not constitute an endorsement by Statistics Canada on this product. This information resource is subject to the Open Government Licence – Alberta.	
Product Format* (i.e. file format)	CSV	
Usage Considerations*	<p>These data cover those expenditures towards scientific activities which involve the generation, dissemination and initial application of new scientific and technological knowledge. Investments for scientific activities are comprised of research and development and also related science activities, which are reported annually by Government of Alberta ministries and related entities in the Ministry of Innovation and Advanced Education (IAE) report.</p> <p>Statistics Canada, under contract with Alberta Innovation and Advanced Education (formerly Enterprise and Advanced Education), collected the research and development and related scientific activity data from the Government of Alberta departments and related entities for the years up to 2010-2011.</p> <p>Starting from 2011-2012, IAE conducts the Government of Alberta Research Investment Survey (GARI) to collect data on research expenditures towards scientific activities from corresponding Government of Alberta departments and related entities. While the same definition is applied in GARI, accurate data depend on the responding officers' understanding of survey definitions and intelligent judgement. As a result, year-over-year figure comparison should be used with caution.</p>	
Supporting Documents	Government of Alberta's Research Investments Survey Report 2013-2014.	
Related Products		
Content Owner* Select one option	Advanced Education Aboriginal Relations Agriculture and Rural Development Culture Education Energy Enterprise and Advanced Education Environment and Sustainable Resource Development Health Human Services Infrastructure International and Intergovernmental Relations Justice and Solicitor General Municipal Affairs Service Alberta Tourism, Parks and Recreation Transportation Treasury Board and Finance	

Date Created* (YYYY-MM-DD)	2015-07-09	
Date Modified (YYYY-MM-DD)	2015-07-09	
Generation Frequency Select one option	Annually	
	Weekly Monthly Quarterly Semi-annually (every 6 months)	Yearly Every 5 years Other (specify frequency)
Keywords* Separate search terms with commas	Research investments towards scientific activities, Alberta Official Statistic, AOS	
Pre-populated by OSI for your convenience		
Sensitivity*	Unrestricted	
Interpretation Contact*	OSI.Support@gov.ab.ca	
Content Publisher*	Alberta Official Statistics	
Product Type*	Fact Sheet	
Product Format*	CSV	
For OSI Use Only		
Metadata ID		
User Supports	928	
File Name	GOA_Total_Scientific_Expenditures_CSV_v2.0_2015-07-09.csv	
GOA Open Licence	Yes	

Metadata Guidance

Abstract*	<p>(Mandatory) Brief statement describing the contents of the dataset.</p> <p>Notes: Abstract has a limit of 255 characters and cannot contain the following special characters: < > / % \$ # &*</p> <p>Do not repeat the Title in the Abstract.</p>
Alternate Title	Any form of a title used as a substitute name or additional search parameters for the fact sheet.
Category*	(Mandatory) Main topic of the dataset.
Content Owner*	<p>(Mandatory) Providing organization (ministry) with the authority to compile and supply the dataset for dissemination.</p> <p>Notes: Content Owner identifies the defined authority responsible for the supply and accuracy of the dataset and for determining user access prior to public distribution.</p> <p>The Content Owner is often the Content Creator.</p>
Content Publisher*	(Mandatory) Organization responsible for publishing a dataset as authorized and provided by the Content Owner.
Creator*	(Mandatory) Organization or ministry primarily responsible for creating or compiling the original content of the dataset.
Data Source	Reference citing the specific data set, metadata set, database, or metadata repository from which the data is available.
Date Created*	(Mandatory) Date when the intellectual content of the dataset is created or compiled. Use one of the following formats: YYYY/MM/DD or YYYY/MM or YYYY
Date Modified	Date when the content of the dataset (but not its metadata) is changed.
Full Description*	<p>(Mandatory) Concise but detailed narrative explaining the contents and potential usage of the dataset. Do not copy the Abstract.</p> <p>Note: Hyperlinks may be added to increase the clarity and understanding.</p>
Generation Frequency	Interval at which the dataset will be updated.
Interpretation Contact*	(Mandatory) Individual or organizational contact point for further information about a dataset and/or its metadata.
Keywords*	(Mandatory) Terms assigned to the dataset to enhance search functionality.
Product Format*	(Mandatory) Format or formats used to publish and archive the dataset.
Product Type*	Business template design or structure used in the presentation and publication of the dataset.
Related Products	List of datasets and other publications derived from the same data source as the dataset described.
Risk Considerations	Description of any issues that might impact distribution of a dataset or the protection of its content. For example, attribution to a third party such as Statistics Canada may be necessary depending on licensing restrictions.
Sensitivity*	GOA security designation that identifies the minimal level of protection assigned to the dataset. All datasets to be released to the public are "Unrestricted". (Ref: Government of Alberta's information Security Classification (ISC) February 2005).
Spatial Coverage	Geographical area or spatial extent covered by the content of the dataset.

Supporting Documents	References to publications that provide additional technical details about the dataset. Includes links to provide wider context for interpretation.
Time Coverage	Time frame covered by the data contained in the dataset. Can include single or multiple dates (YYYY-MM-DD) or date ranges (YYYY-MM-DD – YYYY-MM-DD). Separate multiple dates or date ranges with a semicolon. If it is not possible or appropriate to specify the exact day, cite only the month (YYYY-MM).
Title*	(Mandatory) Full, formal name for the dataset. A meaningful title describes the content of the dataset, geographical extent (such as Canada AB), and the time coverage.
Usage Considerations*	(Mandatory) Description of factors that support the effective interpretation and use of the data in the dataset. Provides users with explicit information on the appropriate use(s) of data within the limitations imposed by the definition of main concepts, scope, coverage, collection and compilation methodology.
