

# Inventory of Environmental Health Related Databases

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Prepared for the First Nations Environmental  
Health Innovation Network

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## **INTRODUCTION**

This document is an inventory of environmental health related databases that was prepared for the First Nations Environmental Health Innovation network. The Inventory of Environmental Health Related Databases will be used to support the activities of the First Nations Environmental Health Innovation Network. The Inventory of Environmental Health Related Databases is a “living document” and as such, it will be expanded over time.

Information for the Inventory of Environmental Health Related Databases was compiled exclusively from information that was publicly available on the internet between November 2 and November 21, 2007. All information included in the Inventory has been excerpted directly from websites so as to portray information in the manner depicted by database holders or custodians. A website link has been provided for each database where more information about the database can be obtained. Some website links provide direct access to databases while others provide instructions for accessing databases. A small number of websites provided for databases may refer to other database inventory documents.

## **CATEGORIES OF ENVIRONMENTAL HEALTH RELATED DATABASES**

Databases related to environmental health are listed alphabetically and are categorized by the following broad categories:

- First Nations – databases that are unique to First Nations. First Nations databases cover all four broad categories of air quality, food, housing and water;
- Air Quality – databases that focus on either indoor or outdoor air quality;
- Food – databases that focus on food;
- Housing – databases that focus on housing;
- Water – databases that focus on fresh or salt water;
- General – databases that have aspects of three or more database categories.

Most databases included in the Inventory are related in some way to human health; however the motivations for the database may be ecological in nature and exist to capture information on the effects of pollutants on the natural environment. As such contaminants have direct implications to human health; and those databases have been included in this inventory.

A small number of databases provide information on the location of certain groups or individuals such as environmental experts and Tribal Councils.

Almost all databases included in the Inventory are Canadian in origin, and a small number international but are also relevant to Canada.

## **DEFINING DATABASE**

For the purposes of this Inventory, a database was considered to be information collected for the purposes of surveillance, monitoring, and a repository of research, subject matter information or legislation.

## **DATABASE SEARCH METHODOLOGY**

The methodology used to search for and identify environmental health related databases included the following:

A review of the following two existing inventories to identify environmental health related databases:

- Inventory of National Rural Health and Related Databases:  
<http://www.laurentian.ca/Laurentian/Home/Departments/CRaNHR/data+sources.htm>;
- Health Canada Inventory of Federal, Provincial and Territorial Environmental and Occupational Health Data Sources and Surveillance Activities<sup>1</sup>: [http://www.hc-sc.gc.ca/ewh-semt/pubs/eval/inventory-repertoire/index\\_e.html](http://www.hc-sc.gc.ca/ewh-semt/pubs/eval/inventory-repertoire/index_e.html)

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<sup>1</sup> Inventory of Injury Data Sources and Surveillance Activities. A Project of the Injury Surveillance Sub-group of the Health Surveillance Working Group. Centre for Surveillance Coordination, Population and Public Health Branch, Health Canada, 130 Colonnade Road, Ottawa, Ontario, K1A 0K9. (Contact person: Alan Hotte)

Review of the Statistics Canada website by subject: Aboriginal, Environmental, Health, and Families, Households and Housing to identify relevant databases;

Key word searches for “database”, “dataset”, “surveillance” and “inventory” in the following websites (where search options were not available, websites were reviewed more thoroughly to identify databases) to identify relevant databases:

- First Nations websites including:
  - National Aboriginal Health Organization: <http://www.naho.ca/english/>;
  - Assembly of First Nations: <http://www.afn.ca/>;
  - Métis National Council: <http://www.metisnation.ca/>;
  - Aboriginal Canada Portal: [www.aboriginalcanada.gc.ca/](http://www.aboriginalcanada.gc.ca/);
  - National Aboriginal Housing Association: [www.aboriginalhousing.org](http://www.aboriginalhousing.org);
  - Union of British Columbia Indian Chiefs: <http://www.ubcic.bc.ca/>;
  - Chiefs of Ontario: <http://www.chiefs-of-ontario.org/>;
  - Assembly of Manitoba Chiefs: <http://www.manitobachiefs.com>
  
- Federal government departments, agency and service websites including:
  - Agriculture and Agri-Foods Canada <http://www.agr.gc.ca/>
  - Canada Mortgage and Housing Corporation: <http://www.cmhc-schl.gc.ca/>
  - Canadian Environmental Assessment Agency: <http://www.ceaa.gc.ca/>
  - Canadian Food Inspection Agency: <http://www.inspection.gc.ca/>
  - Canadian Nuclear Safety Commission: <http://www.nuclearsafety.gc.ca>
  - Environment Canada: <http://www.ec.gc.ca>
  - Fisheries and Oceans Canada: <http://www.dfo-mpo.gc.ca>
  - Health Canada: <http://www.hc-sc.gc.ca/>
  - Health Canada First Nations and Inuit Health Branch: [http://www.hc-sc.gc.ca/fnih-spni/index\\_e.html](http://www.hc-sc.gc.ca/fnih-spni/index_e.html)
  - Indian and Northern Affairs Canada: <http://www.ainc-inac.gc.ca>
  - Meteorological Service of Canada: <http://www.msc-smc.ec.gc.ca/>
  - Natural Research Council of Canada: <http://www.nrc-cnrc.gc.ca>
  - Natural Resources Canada: <http://www.nrcan-rncan.gc.ca/com/>
  - Public Health Agency of Canada: <http://www.phac-aspc.gc.ca/>
  - Water Survey of Canada: <http://www.wsc.ec.gc.ca/>
  
- Relevant provincial governmental websites including:
  - Ministries/departments of environment;
  - Ministries/departments of Aboriginal affairs; and
  - Ministries/departments of housing

Key word searches in Google to identify relevant databases using combinations of the following terms and words;

- First Nations database;
- First Nations environmental health database;
- First Nations environmental health surveillance;
- First Nations surveillance;
- Environmental health database;
- Environmental Health Inventory;
- Environmental health surveillance;
- Water database;



- Water quality database;
- Water monitoring database;
- Air quality database;
- Indoor air quality database;
- First Nations housing database;
- Housing database;
- Housing inventory;
- Food database;
- Nutrition database;
- Traditional foods database;
- Country foods database;

### **INFORMATION PROVIDED FOR EACH DATABASE**

Where available, the following information has been compiled for each database:

- Database name;
- Database holder/custodian;
- Description/Purpose of the Database (this information was excerpted directly from websites);
- Terms for accessing the database, including contact information for the database custodian where this information is available;
- Costs for accessing the database (this information is not always available);
- Website address for further information

### **LIMITATIONS OF THE INVENTORY**

The Inventory of Environmental Health Related Databases is a compilation of information available on the internet. Consequently, it is unlikely to be an exhaustive inventory of all environmental health related databases in Canada. The inventory was focused on federal and provincial databases; however it is likely that municipal and regional databases exist.

Research for the Inventory did not include searches for databases that may be held by academic institutions, individual First Nations, individual Tribal Councils and Non-Government Organizations. It is likely that some of these may also hold environmental health related databases that could be included in the inventory.

Individual academic and government-sponsored studies were not reviewed to identify study databases. These studies may also provide valuable sources of environmental health related databases.

## ENVIRONMENTAL HEALTH RELATED DATABASES – FIRST NATIONS

Database Name	Database Holder	Category	Description/Purpose	Terms for Accessing Database Information	Costs for Accessing Database Information	Website Address for Further Information
<b>ABORIGINAL CANADA PORTAL</b>		All	<p>The Aboriginal Canada Portal (ACP) is your single window to First Nations, Inuit and Métis on-line resources, contacts, information, and government programs and services in Canada. The Aboriginal Canada Portal is a partnership between Government departments and the Aboriginal community that allows better quality service and information delivery and to the degree possible, ensures that the site continues to evolve with a user-friendly and useful manner. The goal of the site is to continue to evolve into a virtual forum in which:</p> <ul style="list-style-type: none"> <li>all Aboriginal stakeholders (Aboriginal peoples, organizations and government policy and program developers) may locate, discuss and share information, views, services, successes and issues amongst one another; and</li> <li>act as a central gateway to increase the awareness of Aboriginal Peoples history, heritage, traditions and Aboriginal community successes among Aboriginal Peoples and non-Aboriginal Canadians.</li> </ul>	Call toll free at 1-888-399-0111	None	<a href="http://www.aboriginalcanada.gc.ca/acp/site.nsf/en/index.html">http://www.aboriginalcanada.gc.ca/acp/site.nsf/en/index.html</a>
<b>ABORIGINAL PEOPLES SURVEY</b>	Statistics Canada	Housing	<p>The Aboriginal Peoples Survey (APS) provides data on the social and economic conditions of Aboriginal people in Canada. Its specific purpose was to identify the needs of Aboriginal people focusing on issues such as health, language, employment, income, schooling, housing, and mobility. The survey was designed and implemented in partnership with national Aboriginal organizations.</p>	<ul style="list-style-type: none"> <li>Internet access for general information;</li> <li>A public version of the file is available through the Data Liberation Initiative (DLI)</li> <li>Access to information through the DLI is available to faculty and students at universities that have paid a subscription fee.</li> </ul>	Subscription fee	<a href="http://www.statcan.ca/cgi-bin/imdb/p2SV.pl?Function=getSurvey&amp;SDDS=3250&amp;lang=en&amp;db=IMDB&amp;dbg=f&amp;adm=8&amp;dis=2">http://www.statcan.ca/cgi-bin/imdb/p2SV.pl?Function=getSurvey&amp;SDDS=3250&amp;lang=en&amp;db=IMDB&amp;dbg=f&amp;adm=8&amp;dis=2</a>
<b>ABORIGINAL POPULATION PROFILE (SPECIALIZED CENSUS DATA)</b>	Statistics Canada	Housing	<p>Provides a specific statistical overview based on a number of variables and/or groups of variables for the Aboriginal identity population for various communities in Canada where the Aboriginal identity population is at least 250 persons.</p> <p>This product will be released in two phases. The first portion of information will be disseminated with the official Aboriginal release on January 15, 2008 and will include data releases up to and including the Aboriginal release. The final portion will follow the last release of</p>	<ul style="list-style-type: none"> <li>Internet access for general information;</li> <li>A public version of the file is available through the Data Liberation Initiative;</li> <li>Access to information through the DLI is available to faculty and students at universities that have paid a subscription fee.</li> </ul>	Subscription fee	<a href="http://www12.statcan.ca/english/census06/reference/previous/aboriginal-profiles.cfm">http://www12.statcan.ca/english/census06/reference/previous/aboriginal-profiles.cfm</a>

			Income (2nd quarter 2008). The product will include approximately 200 data lines. A mapping feature is available for viewing the location of a community within Canada.			
<b>AMERICAN INDIAN TRIBAL PORTAL</b>	US Environmental Protection Agency	All	The American Indian Environmental Office developed this tribal portal to help American Indian communities and supporters locate tribal related information within EPA and other government agencies.	Available on the internet	None	<a href="http://www.epa.gov/tribalportal/">http://www.epa.gov/tribalportal/</a>
<b>ARCTIC CONTAMINANTS DATABASE</b>	Health Canada	Food, Water	<p>The purpose of the Arctic Contaminants Database is to monitor tissue (blood, breast milk) levels of environmental contaminants in Arctic populations.</p> <p>The Arctic Contaminants Database contains data on environmental contaminants in tissues of arctic residents. Data types: bio-monitoring; toxicological; blood and breast milk concentrations of contaminants (e.g., organochlorine pesticides, PCBs, lead, mercury, cadmium). Data elements: geographic location in Arctic Canada; year; demographic breakdown (e.g., age, sex, ethnic group (Inuit, Dene/Metis, Caucasian, Other).</p>	<p>Data are available to Arctic communities and authorized personnel at Health Canada and the Dept of Indian Affairs and Northern Development (guidelines on access are in place). Data can be made available to researchers in the 8 circumpolar countries; policy-makers (e.g., Council of Arctic Ministers); the Secretariat of the Arctic Monitoring and Assessment Program (AMAP) (Copenhagen, Denmark).</p> <p><b>Contact:</b>            Jay Van Oostdam            Senior Epidemiological Advisor            Toxic Substances Division            Environmental Contaminants Bureau            Safe Environments Programme            Healthy Environments and Consumer Safety Branch            Health Canada            Environmental Health Centre, Tunney's Pasture            Ottawa, ON            Tel: (613) 941-3570            E-mail: <a href="mailto:Jay_Van_Oostdam@hc-sc.gc.ca">Jay_Van_Oostdam@hc-sc.gc.ca</a></p>	Not stated	<a href="http://www.hc-sc.gc.ca/ewh-semt/pubs/eval/inventory-repertoire/water_e.html">http://www.hc-sc.gc.ca/ewh-semt/pubs/eval/inventory-repertoire/water_e.html</a>
<b>ASSET CONDITION REPORT SYSTEM INSPECTION DATABASE</b>	Indian and Northern Affairs Canada	Water	<p>A sub system of the Capital Asset Management System (CAMS). An ACRS inspection of the water system is to be performed once every three (3) years by a qualified person (as defined in the Guide for Annual Inspections of First Nations Drinking Water Systems) to assess:</p> <ul style="list-style-type: none"> <li>• Condition of the asset, adequacy of operating and maintenance efforts, and needs for additional maintenance work;</li> <li>• Performance of the treatment process (in terms of monitored water quality parameters);</li> <li>• Potential for microbiological contamination of the water works and identification of operational and physical improvements to mitigate this potential; and</li> <li>• Adequacy of operator competency, overall risks, and conformity</li> </ul>	Access is available to INAC, First Nations, Bands, Tribal Councils, Public Works and Government Services Canada	Not stated	

			with this document. ARCS stores the results of asset inspections that are carried out on 33% of the inventory annually. Asset remediation/recapitalization needs to be identified during inspections to correct deficiencies are also stored in the system			
<b>ATLAS OF URBAN ABORIGINAL PEOPLES</b>	Canada Research Chair on Identity and Diversity (Dr. Evelyn J. Peters, University of Saskatchewan)	Housing	This Atlas of Urban Aboriginal Peoples attempts to make some information about Aboriginal people in urban areas in Canada available to a wide audience. The initial phase maps Aboriginal settlement patterns in large cities and their changes over time, using a data base created from Census information collected by Statistics Canada. Information about the social and economic characteristics of urban Aboriginal populations will be added as they become available. The Atlas is part of the research on Aboriginal people and cities associated with the Canada Research Chair on Identity and Diversity: The Aboriginal Experience held by Dr. Evelyn J. Peters at the University of Saskatchewan. There are some unique challenges associated with using Census data on Aboriginal people. Different Census definitions affect population size, characteristics and change over time. Users are therefore encouraged to read the short text that explains some of these challenges and the ways data are used in these maps.	Available on the internet.	None	<a href="http://gismap.usask.ca/website/web_atlas/AOUAP/">http://gismap.usask.ca/website/web_atlas/AOUAP/</a>
<b>CAPITAL ASSET MANAGEMENT SYSTEM (INAC)</b>	Indian and Northern Affairs Canada	Housing, Water	The Capital Assets Management System (CAMS) was developed in 1988 under the authority of Treasury Board to enable regions and headquarters to capture and manage asset information for the operation and maintenance of infrastructure activity. Whenever a new asset is built or acquired with funds from INAC, records of the asset are tracked in CAMS. This information is also updated regularly in order to track the condition of assets and manage them appropriately throughout their life expectancy.  CAMS is comprised of three sub systems which collect some information directly from the First Nations and some from other sources. The sub systems are: the Capital Asset Inventory System (CAIS), the Asset Condition Reporting System (ACRS), the Capital Management Database (CMDB).	Access is available to INAC, First Nations, Bands, Tribal Councils, Public Works and Government Services Canada	Not stated	
<b>CINE ARCTIC NUTRIENT FILE</b>	CINE		CINE's Arctic nutrient file is a centralized web based food composition data base providing access to nutrient information on traditional food (country food) for Canada's Indigenous Peoples. CINE's nutrient file is unique because nutrient data of traditional food (country food) has never been assembled into one central website. The database is useful to Canadian and foreign researchers as it will facilitate dietary analyses and provide information to help with their research.	Available on the internet.	None	<a href="http://www.mcgill.ca/cine/resources/nutrient/">http://www.mcgill.ca/cine/resources/nutrient/</a>
<b>EAGLE PROJECT'S</b>	Assembly of First Nations/ Chiefs of	All	The EAGLE Project was a unique environmental health research project that began in 1990 and ended in 2000. This partnership between the Assembly of First Nations, Health	Study information is available on the Chiefs of Ontario website: <a href="http://www.chiefs-of-">http://www.chiefs-of-</a>	None	<a href="http://www.chiefs-of-ontario.org/">http://www.chiefs-of-ontario.org/</a>

<b>CONTAMINANTS IN HUMAN TISSUES SAMPLING PROGRAM</b>	Ontario/ Health Canada Partnership	Canada and First Nations in the Great Lakes basin examined the effects of contaminants on the health and well-being of the Great Lakes aboriginal population.	<a href="http://ontario.org/environment/docs/CHTfin2.pdf">ontario.org/environment/docs/CHTfin2.pdf</a>	<p>During the course of the Contaminants in Human Tissue program, 26 different First Nations in the Great Lakes basin participated in the sampling process. The CHT was based on voluntary donation of blood and hair samples from participants. Voluntary provision of samples was decided as the preferred method, over random selection of participants, due to the invasive nature of blood and hair sampling. It was felt by the project coordinators that random participation would not provide the number of samples required in this program. Blood and hair samples were obtained by a nurse and/ or medical technologist. At the time of sampling, participants were also requested to complete a survey which examined eating patterns of freshwater fish and wild game (eating patterns survey). The eating patterns survey (EPS), served to quantify the frequency and amounts of country foods, such as wild game and freshwater fish, consumed by participants.</p> <p>There were 528 participants who provided blood and serum samples and 393 participants who provided hair samples for the CHT program.</p>		
<b>FIRST NATIONS IN CANADA</b>	Indian and Northern Affairs Canada	All	This dataset was developed to provide general location of First Nations.	Available on the internet.	None	<a href="http://geodiscover.cgdi.ca/gdp/search?action=fullMetadata&amp;entryId=28086&amp;entryLang=en&amp;entryType=productCollection">http://geodiscover.cgdi.ca/gdp/search?action=fullMetadata&amp;entryId=28086&amp;entryLang=en&amp;entryType=productCollection</a>
			This dataset presents the location of First Nations in Canada. Each point actually represents the location of the most populated Indian reserve associated with the First Nation. The layer was produced based off of data extracted from the Canada Land Administrative Boundaries (CLAB).	<p><b>Contact:</b> Tom Duncan Government of Canada, Indian and Northern Affairs Canada, Corporate Information Management Directorate Rm 952, 25 Eddy Street Les Terrasses de la Chaudière Gatineau, Quebec, Canada K1A 0H4 Phone number: 819-953-1687 Fax number: 819-934-5992 Email: <a href="mailto:duncant@ainc-inac.gc.ca">duncant@ainc-inac.gc.ca</a></p>		
<b>FIRST NATIONS NATIONAL HOUSING MANAGERS ASSOCIATION</b>	First Nations National Housing Managers Association	Housing	The database of First Nation Housing Manager Members.	Access is limited to members of the First Nations National Housing Managers Association.	See website	<a href="http://www.fnnhma.com/home.php">http://www.fnnhma.com/home.php</a>
				<p><b>Contact:</b> 100 Centrepointe Drive</p>		

<p><b>DATABASE OF FIRST NATION HOUSING MANAGER MEMBERS</b></p>	<p>First Nations and Inuit Health Branch</p>	<p>Housing, Air Quality</p>	<p>The purpose of this national database is to develop a system to capture environmental information on facilities in First Nations communities. This will concern various aspects of environmental health (see below). The system will also have the capacity to produce reports by the environmental health officers in the field.</p> <p>The reporting system will contain national data on indoor and outdoor air quality; drinking water quality; other water quality; soil contaminants; food contaminants; housing conditions in First Nations communities; and sanitation in food establishments and public buildings. Personal data: individuals' names, telephone numbers, addresses. Geolocator: address.</p>	<p>Ottawa, ON K2G 6B1 Tel: (613) 224-8500 Fax: (613) 723-9720 <a href="mailto:info@fnhma.com">info@fnhma.com</a></p>	<p>Not stated</p>	<p><a href="http://www.hc-sc.gc.ca/ewh-semt/pubs/eval/inventory-repertoire/hers_e.html">http://www.hc-sc.gc.ca/ewh-semt/pubs/eval/inventory-repertoire/hers_e.html</a></p>
<p><b>HEDGEHOG ENVIRONMENTAL REPORTING SYSTEM</b></p>	<p>Indian and Northern Affairs Canada</p>	<p>Housing, Water</p>	<p>The INAC Electronic Service Delivery (ESD) web page initiative facilitates the collection and sharing of information with First Nations and Tribal Councils and presents a significant opportunity to improve the data collection process.</p> <p>The Housing and Infrastructure Assets (H&amp;IA) web-site and database tracks the number of housing units and conditions, and the adequacy of basic community services including water and sewer services, solid waste disposal, road access and electrification. First Nations may update the data and view the previous year's data through the website. On an annual basis, H&amp;IA data is loaded into CAMS.</p> <p>The purpose of ESD is to move from paper-based data collection to the exchange of electronic data. Eventually, ESD will eliminate the need for regions to input the data manually and could improve the timeliness of data submissions as First Nations are able to update the information throughout the year rather than at the year-end.</p> <p>Participation by First Nations and Tribal Councils is strictly voluntary.</p>	<p><b>Contact:</b> Christian Noel Senior Advisor, Mould &amp; Housing / Environmental Health First Nations and Inuit Health Branch (FNIHB) Health Canada 171 Slater St. Ottawa, ON K1A 0L3 Tel: (613) 957-9503 E-mail address: <a href="mailto:christian_noel@hc.sc.gc.ca">christian_noel@hc.sc.gc.ca</a></p>	<p>Not stated</p>	<p><a href="http://pse2-esd2.ainc-inac.gc.ca/housing/housing_onstage_frame.asp">http://pse2-esd2.ainc-inac.gc.ca/housing/housing_onstage_frame.asp</a></p>

*Environmental Health Related Databases Identified for the First Nations Environmental Health Innovation Network*

<b>HOUSING IN CANADA ONLINE (HiCO)</b>	Canada Mortgage and Housing Corporation	Housing	<p>Housing in Canada Online (HiCO) is an interactive tool that incorporates a selection of CMHC's data on housing conditions and core housing need in 2001, 1996, and 1991. In contrast to the fixed content of the Data Tables, HiCO enables you to choose the data you wish to explore. With HiCO, you determine the components of the data to be shown or hidden. You can conduct your own analyses of housing conditions and create tables that highlight the relationships, variables, and geographic areas that are of interest to you.</p> <p>HiCO identifies whether households live in dwellings that meet CMHC's housing standards and, if not, whether they are in core housing need. Analyses can be conducted across a range of household characteristics. In addition to showing the number of households with particular combinations of characteristics, HiCO also includes information on the average incomes and housing costs of those households.</p> <p>HiCO data are available for a large number of geographic areas, including all Regional Municipalities, Census Metropolitan Areas, and Census Agglomerations.</p> <p>HiCO now includes data for off-reserve Aboriginal housing conditions, derived from the 2001 and 1996 Censuses. This new data allows for the comparison of housing conditions of Aboriginal and non-Aboriginal households. Gaps can be examined over time by key characteristics such as household type, income and shelter costs.</p>	Available on the internet.	None	<a href="http://www.cmhc.gc.ca/en/corp/about/cahoob07/cahoob002.cfm">http://www.cmhc.gc.ca/en/corp/about/cahoob07/cahoob002.cfm</a>
<b>INFORMATION CENTRE ON ABORIGINAL HEALTH</b>	National Aboriginal Health Organization	All	<p>The Information Centre on Aboriginal Health The Information Centre on Aboriginal Health (ICAH), a service provided by the National Aboriginal Health Organization. ICAH is a database of information on bibliographic and Web-based resources, programs and services, health careers, and scholarships and bursaries. The goal of ICAH is to provide information that supports NAHO's objectives:</p> <ul style="list-style-type: none"> <li>• To improve and promote Aboriginal health through knowledge-based activities.</li> <li>• To promote an understanding of the health issues affecting Aboriginal Peoples.</li> <li>• To facilitate and promote research on Aboriginal health and develop research partnerships.</li> <li>• To foster the participation of Aboriginal Peoples in delivery of health care.</li> <li>• To affirm and protect Aboriginal traditional healing practices.</li> </ul> <p>The Information Centre on Aboriginal Health (ICAH), is a central database of Aboriginal health information.</p>	The ICAH is a 'virtual' library that provides, wherever possible, links to information that is free on the Internet.	None	<a href="http://www.ica.ca/content/en/?text=1">http://www.ica.ca/content/en/?text=1</a>
<b>NATIONAL ABORIGINAL</b>	Six Nations Geo Systems	All	<p>The National Aboriginal Document Database web site can be used for research projects such as documenting land claims, or for studying independent Statutes and Acts, Treaties and Court</p>	Available on the internet.	None	<a href="http://epe.lac-bac.gc.ca/100/205/301/ic/cdc/aboriginaldocs/index.html">http://epe.lac-bac.gc.ca/100/205/301/ic/cdc/aboriginaldocs/index.html</a>

<b>DOCUMENTS DATABASE</b>			Decisions. This information can be used for research by any or all levels of education (e.g. elementary up to university level). Content also includes links to additional information sites for First Nations in Canada and Native American sites in the United States.	Six Nations Geo Systems P.O. Box 460 Ohsweken, Ontario N0A 1M0  Tel: (519) 445-2822 Fax: (519) 445-2463		
<b>NATIVE AMERICAN ETHNOBOTANY DATABASE</b>	University of Michigan, Dearborne	Food	The Native American Ethnobotany Database is a database of foods, drugs, dyes and fibres of Native American Peoples, Derived from Plants.	<a href="mailto:sagobig6@web.net">sagobig6@web.net</a> Available on the internet.	None	<a href="http://herb.umd.umich.edu/">http://herb.umd.umich.edu/</a>
<b>PROJECTIONS OF THE ABORIGINAL POPULATIONS, CANADA, PROVINCES AND TERRITORIES</b>	Statistics Canada	All	This statistical program develops population projections according to specific identity groups: the North American Indian population, the Métis or the Inuit, for Canada, the provinces and territories, from 2001 to 2017. For the North American Indians, future numbers were calculated for the urban parts of all census metropolitan areas (CMAs), urban areas outside CMAs, rural areas, and reserves. For the Métis, places of residence were grouped into urban parts of CMAs, urban areas outside CMAs, and rural areas, which also comprise reserves. Because of their relatively small size, the Inuit population was projected separately for urban and rural locations only. The projections are based on various assumptions on the components of population growth and differential demographic behaviours.  These projections are useful to decision makers in their planning of programs related to aboriginal issues and northern development. The projections are also intended for researchers, students as well as any other person interested in the evolution and future direction of the aboriginal people in Canada.	<a href="mailto:dmoerman@umich.edu">dmoerman@umich.edu</a> <ul style="list-style-type: none"> <li>Internet access for general information;</li> <li>A public version of the file is available through the Data Liberation Initiative;</li> <li>Access to information through the DLI is available to faculty and students at universities that have paid a subscription fee.</li> </ul>	Subscription fee applies	<a href="http://www.statcan.ca/cgi-bin/imdb/p2SV.pl?Function=getSurvey&amp;SDDS=5131&amp;lang=en&amp;db=IMDB&amp;dbg=f&amp;adm=8&amp;dis=2">http://www.statcan.ca/cgi-bin/imdb/p2SV.pl?Function=getSurvey&amp;SDDS=5131&amp;lang=en&amp;db=IMDB&amp;dbg=f&amp;adm=8&amp;dis=2</a>
<b>SCIENTIFIC LITERATURE RELEVANT TO THE ENVIRONMENTAL HEALTH OF NATIVE AMERICANS, ALASKAN NATIVES, AND SUBSISTENCE</b>	Agency for Toxic Substances and Disease Registry (CDC Atlanta)	Food	A listing of journal articles, government reports, and other information resources pertaining to the unique environmental concerns and needs of the Native American and Alaskan peoples. Much of this information is also relevant to subsistence use of plants and animals harvested from the wild, as well as from residential gardens.  This listing is derived from literature and internet searches. Each addition is reviewed beforehand, to ensure that it will provide valuable, objective information.  <b>Note:</b> In the future, the ATSDR hopes to replace this page by an interface to a database. This will allow much better browsing through our selections. Until then, please use the "find" or "search" function to	Available on the internet.  <b>Contact:</b> Joanne Cox, <a href="mailto:JDCox@cdc.gov">JDCox@cdc.gov</a>	None	<a href="http://www.atsdr.cdc.gov/ofp/native_peoples.html">http://www.atsdr.cdc.gov/ofp/native_peoples.html</a>



<b>HUNTER/GATHERERS</b>			search for articles of interest.			
<b>STATISTICAL PROFILE OF THE HEALTH OF FIRST NATIONS IN CANADA</b>	Health Canada, FNIHB	Housing	<p>The report provides a snapshot of the health status of First Nations in Canada. Figures show that some aspects of First Nations health are improving, such as longer life expectancy and reduced mortality rates. At the same time, there are areas of concern, such as the high rate of tobacco use and a high incidence of injury.</p> <p>In keeping with Aboriginal approaches to 'wellness'-- which encompass physical, social, emotional and spiritual spheres -- the report also contains a section on non-medical factors that affect health. Some of these factors are education, employment, housing conditions, water quality and sewage treatment.</p>	<p>Requests for access to the national public data file can be made to the First Nations Information Governance Committee (FNIGC). Access to regional reports can be obtained through the regional organizations. Data release is guided by the Code of Research Ethics and Publication and Access Protocol of the FNIGC.</p> <p>Print copies are available by contacting Health Canada.</p> <p><b>Contact:</b>                  Health Information and Analysis Division                  Strategic Policy, Planning and Analysis                  First Nations and Inuit Health Branch                  Health Canada                  Jeanne Mance Building, Tunney's Pasture                  Postal Locator 1921D                  Ottawa, Ontario                  K1A 0L3                  Fax: (613) 948-2110                  E-mail: <a href="mailto:fnihb_stats@hc-sc.gc.ca">fnihb_stats@hc-sc.gc.ca</a></p>	None	<a href="http://www.hc-sc.gc.ca/fnih-spni/pubs/gen/stats_profil_e.html">http://www.hc-sc.gc.ca/fnih-spni/pubs/gen/stats_profil_e.html</a>
<b>TRIBAL COUNCILS, CANADA</b>	Indian and Northern Affairs Canada	All	<p>This dataset was developed to provide location of tribal councils.</p> <p>This dataset presents the location of tribal council offices in Canada. These points were derived from the address of the tribal councils.</p>	<p>Available on the internet.</p> <p><b>Contact:</b>                  Tom Duncan                  Government of Canada, Indian and Northern Affairs Canada, Corporate Information Management Directorate                  Rm 952, 25 Eddy Street Les Terrasses de la Chaudière                  Gatineau, Quebec, Canada                  K1A 0H4                  Phone number: 819-953-1687                  Fax number: 819-934-5992                  Email: <a href="mailto:duncant@ainc-inac.gc.ca">duncant@ainc-inac.gc.ca</a></p>	None	<a href="http://www.ainc-inac.gc.ca/ps/igs/tcp_e.html">http://www.ainc-inac.gc.ca/ps/igs/tcp_e.html</a>
<b>VIRTUA</b>	Indian and Northern Affairs	All	<p>Virtua is the Indian and Northern Affairs Canada (INAC) Library Portal. Virtua provides access to INAC libraries, and to many special research collections both inside and outside the department (INAC).</p> <p>Employees who are registered with the library can log on using their library barcode as their patron ID and password to search Virtua and other library databases, as well as access their library account information and request items.</p>	<p>Guests to the portal can access the Virtua database only.</p> <p>To register, contact one of these libraries:                  Departmental Library, Headquarters                  Telephone: (819) 997-0799                  Fax : (819) 953-5491                  Email: <a href="mailto:library@ainc-inac.gc.ca">library@ainc-inac.gc.ca</a></p>	Not stated	<a href="http://www.ainc-inac.gc.ca/pr/lib/virtua/intr_e.html">http://www.ainc-inac.gc.ca/pr/lib/virtua/intr_e.html</a>

For further information on using Virtua, you can contact the Departmental Library's Research Desk at (819) 997-0811 or [reference@ainc-inac.gc.ca](mailto:reference@ainc-inac.gc.ca).

BC Region Library  
Telephone: (604) 775-7214, (604) 775-5769  
Fax: (604) 775-7149 (Att.: Library)  
Email: [bcregionlibrary@ainc-inac.gc.ca](mailto:bcregionlibrary@ainc-inac.gc.ca)

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## ENVIRONMENTAL HEALTH RELATED DATABASES – AIR QUALITY

Database Name	Database Holder	Category	Description/Purpose	Terms for Accessing Database Information	Costs for Accessing Database Information	Website Address for Further Information
<b>ALBERTA AMBIENT AIR DATA MANAGEMENT SYSTEM (AAADMS)</b>	Alberta Environment	Air Quality	<p>The Alberta Ambient Air Data Management System (AAADMS), , more commonly known as the CASA Data Warehouse, is a central repository for ambient air quality data collected in Alberta.</p> <p>Data contained on the CASA Data Warehouse Web site is archived data and may be at least one-month old. To access archived air quality data, click on the Data Reports Icon or click on "Data Reports" to the left of this page. Data is available in graphical or tabular formats. Data can be downloaded into comma-separated-variable files and imported into a spreadsheet program</p>	<p>Available on the internet.</p> <p>Contact: <a href="mailto:webmaster@casadata.org">webmaster@casadata.org</a></p>	None	<p><a href="http://www.casadata.org/">http://www.casadata.org/</a></p> <p><a href="http://www3.gov.ab.ca/env/air/AmbientAirMonitoring/historicalaqdata.html">http://www3.gov.ab.ca/env/air/AmbientAirMonitoring/historicalaqdata.html</a></p>
<b>CANADIAN AIR AND PRECIPITATION MONITORING NETWORK</b>	Meteorological Service of Canada	Air Quality, Water	The Canadian Air and Precipitation Monitoring Network is a non-urban air quality monitoring network with siting criteria designed to ensure that the measurement locations are regionally representative (not affected by local sources of air pollution). Scientists involved with the measurement of atmospheric pollution in urban centres would consider most CAPMoN sites to be remote and pristine. There are currently 28 measurement sites in Canada and 1 in the U.S.A.	<p>Some information is available on the internet.</p> <p><b>Contact:</b> Mr. D. MacTavish, CAPMoN Manager Meteorological Service of Canada Environment Canada 4905 Dufferin St Toronto, Ontario, M3H 5T4 Tel: 416-739-4450 Fax: 416-739-5704 e-mail: <a href="mailto:dave.mactavish@ec.gc.ca">dave.mactavish@ec.gc.ca</a></p>	Not stated	<a href="http://www.msc.ec.gc.ca/capmon/index_e.cfm">http://www.msc.ec.gc.ca/capmon/index_e.cfm</a>
<b>CANADIAN TOBACCO USE MONITORING SURVEY</b>	Health Canada	Air Quality	The Canadian Tobacco Use Monitoring Survey (CTUMS) was developed to provide Health Canada and its partners with timely, reliable, and continual data on tobacco use and related issues. The survey's primary objective is to track changes in smoking status and amount smoked, especially for 15-24-year-olds, who are most at risk for taking up smoking.	<p>Available on the internet.</p> <p><b>Contact:</b></p>	None	<a href="http://www.hc-sc.gc.ca/hl-vs/tobac-tabac/research-recherche/stat/ctums-esutc/index_e.html">http://www.hc-sc.gc.ca/hl-vs/tobac-tabac/research-recherche/stat/ctums-esutc/index_e.html</a>
<b>CHRONIC RESPIRATORY SURVEILLANCE SYSTEM</b>	Health Canada	Air Quality	<p>Information gathered, on a one-time basis, facilitates the monitoring, analysis and interpretation of chronic respiratory mortality and hospitalization trends in Canada, the provinces, territories, and health regions. Also included are data linked to both patient information and physician treatment practice information related to asthma prevention and control.</p> <p>Surveillance data on mortality, hospital utilization (e.g., admissions and discharges), risk factors, and epidemiology of chronic respiratory</p>	<p>Analyses of data are available for HC, provincial and territorial authorities, NGOs and health professional organizations to plan and implement strategies for the reduction of asthma morbidity and mortality among patients, or the improvement physician education on asthma management, thereby enhancing patients' health outcomes.</p>	Not specified	<a href="http://www.hc-sc.gc.ca/ewh-semt/pubs/eval/inventory-repertoire/respiratory_e.html">http://www.hc-sc.gc.ca/ewh-semt/pubs/eval/inventory-repertoire/respiratory_e.html</a>

diseases; also patient and treatment information on asthma. Data types: epidemiological; health outcomes; hospital admission and discharges; risk factors; medical procedures; pathological.

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<p><b>ENVIRONMENTAL DATA MANAGEMENT SYSTEM</b></p>	<p>Manitoba Conservation</p>	<p>Air Quality</p>	<p>The purpose of the Environmental Data Management System is to compile ambient air quality data from air monitoring stations in Manitoba and to generate summary statistics based on these data.</p> <p>The database contains provincial and local/municipal data on outdoor air quality in Manitoba. Data types; air borne contaminant levels. Geolocators: longitudinal/latitudinal coordinates.</p>	<p>Access is limited to air quality analysts in the Air Quality Section of Manitoba Conservation; the database is password protected. There is a data-sharing agreement with Environment Canada (EC National Air Pollution Surveillance).</p>	<p>Not stated</p>	<p><a href="http://www.hc-sc.gc.ca/ewh-semt/pubs/eval/inventory-repertoire/edms_e.html">http://www.hc-sc.gc.ca/ewh-semt/pubs/eval/inventory-repertoire/edms_e.html</a></p>
<p><b>ENVIRONMENTAL MONITORING COMPANY (EMC) SYSTEM MANAGER CENTRAL DATA MANAGEMENT SYSTEM</b></p>		<p>Air Quality</p>	<p>The purpose of the database is to compile ambient air quality data from air monitoring stations in Manitoba and to generate summary statistics based on these data.</p> <p>The database contains provincial and local/municipal data on outdoor air quality in Manitoba. Data types; air borne contaminant levels. Geolocators: longitudinal/latitudinal coordinates.</p>	<p>Access is limited to air quality analysts in the Air Quality Section of Manitoba Conservation; the database is password protected. There is a data-sharing agreement with Environment Canada (EC National Air Pollution Surveillance).</p>	<p>Not stated</p>	<p><a href="http://www.hc-sc.gc.ca/ewh-semt/pubs/eval/inventory-repertoire/emc_e.html">http://www.hc-sc.gc.ca/ewh-semt/pubs/eval/inventory-repertoire/emc_e.html</a></p>
<p><b>Contacts:</b></p>	<p>Jean Van Dusen          Air Quality Specialist</p>					

(MANITOBA)						
<b>HOUSEHOLDS AND THE ENVIRONMENT SURVEY</b>	Statistics Canada	Air Quality, Water	<p>The goal of the Households and the Environment Survey is to gain a better understanding of the impact of current household practices and behaviours on our environment and on nature in general, including air, water and soils. Conducted for the first time in 1991, HES was repeated twice, in 1994 and 2006. Statistics Canada will launch the fourth edition of this survey in October 2007.</p> <p>The questions deal with the daily activities of the members of the household: energy and water consumption, recycling, composting, use of pesticides, and daily commuting. Other questions deal with household appliances, heating, and air conditioning. The survey also looks at air and water quality in and around the home.</p>	<p>Manitoba Conservation 160-123 Main Street Winnipeg, MB R3C 1A5 Tel: (204) 945-1671 E-mail: <a href="mailto:jvandusen@gov.mb.ca">jvandusen@gov.mb.ca</a> Bert Krawchuk Air Quality Analyst [Address same as above] Tel: (204) 945-7044 E-mail: <a href="mailto:bkrawchuk@gov.mb.ca">bkrawchuk@gov.mb.ca</a></p>	<ul style="list-style-type: none"> <li>• Internet access for general information;</li> <li>• A public version of the file is available through the Data Liberation Initiative;</li> <li>• Access to information through the DLI is available to faculty and students at universities that have paid a subscription fee.</li> </ul>	<p>Subscription fee applies.</p> <p><a href="http://www.statcan.ca/cgi-bin/imdb/p2SV.pl?Function=getSurvey&amp;SDDS=3881&amp;lang=en&amp;db=IMDB&amp;dbf=f&amp;adm=8&amp;dis=2">http://www.statcan.ca/cgi-bin/imdb/p2SV.pl?Function=getSurvey&amp;SDDS=3881&amp;lang=en&amp;db=IMDB&amp;dbf=f&amp;adm=8&amp;dis=2</a></p>
	<b>iCAPTURE CENTRE DATABASES</b>	James Hogg iCAPTURE, St. Paul's Hospital, Vancouver	Air Quality	<p>The iCAPTURE Centre data warehouse will be composed of multiple relational databases of information that will be integrated in such a way so as to maximize discovery-driven and hypothesis-driven cardiovascular, pulmonary and blood vessel research, and will minimize dependence on the nature of specific questions being asked by the individual researchers. The warehouse will be composed of genomic, proteomic as well as phenotypic and epidemiological databases each of which will be designed and optimized to maximize query capabilities and provide flexibility for future customizations. The data models of each respective data repository will be designed with iterative consultation with the "data collectors" as well as the end "data users". It will also be designed taking into consideration the integration requirements with sister databases and the overall spectrum of queries that will be asked by the end-user.</p> <p>This architecture will not only allow us to efficiently and continually add additional information, but will also allow for accession of the data warehouse. It will facilitate the development and deployment of intelligent or automated systems and rapidly identify networks of associations between various types and fields of data. These systems will become crucial for exploiting the strength of the iCAPTURE data warehouse once it has reached optimal capacity.</p>	<p>iCAPTURE is currently under construction.</p> <p><b>Contact:</b> <a href="mailto:info@mrl.ubc.ca">info@mrl.ubc.ca</a> St. Paul's Hospital Rm 166 - 1081 Burrard St. Vancouver, British Columbia V6Z 1Y6 Tel: 604.806.8346 Fax: 604.806.8351</p>	<p>Not stated</p>

<p><b>INDOOR AIR POLLUTION AND EXPOSURE DATABASE</b></p>	<p>World Health Organization/UC Berkley</p>	<p>Air Quality, Housing</p>	<p>This Access database on indoor air pollution, commissioned by WHO and developed by researchers at the University of California at Berkeley, aims to provide the scientific community with an overview of measured household indoor air pollution levels in about 250 communities around the world. Researchers can review and analyze findings within and across studies, and can either query the database directly or export the files into a statistical programme for in-depth analysis.</p> <p>The database is available as Access 2000 and Access 1997 on the UC Berkeley web site.</p>	<p>Available on the internet.</p> <p><b>Contact:</b> Kirk Smith University of California at Berkeley <a href="mailto:krksmith@berkeley.edu">krksmith@berkeley.edu</a></p>	<p>None</p>	<p><a href="http://www.who.int/indoorair/health_impacts/databases_iap/en/index.html">http://www.who.int/indoorair/health_impacts/databases_iap/en/index.html</a></p> <p><a href="http://ehs.sph.berkeley.edu/hem/page.asp?id=32">http://ehs.sph.berkeley.edu/hem/page.asp?id=32</a></p>
<p><b>INDOOR AIR QUALITY EMISSION SIMULATION TOOL (IA-QUEST)</b></p>	<p>National Research Council of Canada</p>	<p>Air Quality, Housing</p>	<p>National Research Council Canada (NRC/IRC) launched a series of projects called "Consortium of Material Emissions and Indoor Air Quality Modeling (CMEIAQ)" with the overall goal of developing guidelines for indoor material selection and ventilation strategies to meet specific indoor air quality requirements. One of the major outcomes of the project was an Indoor Air Quality Emission Simulation Tool (IA-QUEST).</p>	<p>Available on the internet.</p> <p><b>Contact:</b> Dr. Doyun Won 613-993-9538 <a href="mailto:Doyun.Won@nrc-cnrc.gc.ca">Doyun.Won@nrc-cnrc.gc.ca</a></p>	<p>None</p>	<p><a href="http://irc.nrc-cnrc.gc.ca/ie/iaq/iaquest_e.html">http://irc.nrc-cnrc.gc.ca/ie/iaq/iaquest_e.html</a></p>
<p><b>INVENTAIRE DES ÉMISSIONS ATMOSPHÉRIQUES (INVSRC) (INVENTORY OF ATMOSPHERIC EMISSIONS, QUÉBEC)</b></p>	<p>Atmospheric Quality Service (Service de la qualité de l'atmosphère), Québec Ministry of the Environment</p>	<p>Air Quality</p>	<p>The purpose of the database is to store inventory data on atmospheric emissions of a variety of airborne contaminants.</p> <p>The database contains provincial data on atmospheric emissions of contaminants from industrial and other sources in Québec. Monitoring station activities are classified by sector of activity. Data elements: atmospheric emission samples; atmospheric emission factors; assessment of results and mathematical model. Geolocators: municipal codes, postal codes, longitudinal / latitudinal coordinates. Approximately 25,000 data records are generated annually</p>	<p>Access is limited to employees of the Atmospheric Quality Service (Service de la qualité de l'atmosphère). Password protocols or director' lines are in place to limit utilizing or divulging data on environmental quality.</p> <p><b>Contact</b> Gérard Houle Engineer Ministère de l'Environnement du Québec 675 Boulevard René Lévesque Est, 9th Floor P.O. Box 71 Québec, QC G1R 5V7 Tel: (418) 521-3950 (ext. 4972) E-mail: <a href="mailto:gerard.houle@menv.gouv.qc.ca">gerard.houle@menv.gouv.qc.ca</a></p>	<p>Not stated</p>	<p><a href="http://www.mddep.gouv.qc.ca/air/inventaire/inventaire_emissions.htm">http://www.mddep.gouv.qc.ca/air/inventaire/inventaire_emissions.htm</a></p>
<p><b>INVENTORY OF CANADIAN CARDIOVASCULAR DISEASES DATABASES</b></p>	<p>Public Health Agency of Canada</p>	<p>Air Quality</p>	<p>The purpose of the Inventory of Canadian Cardiovascular Diseases Databases is to house information on cardiovascular disease (CVD) databases and resources in Canada, directing users to links to data resources and expertise (but direct access is not provided to the database itself). Each database included in the inventory is mainly national in orientation, routinely collects data, and assists in identifying sources of information for use in the Heart and Stroke Surveillance System and in providing information on additional centres of knowledge on CVD. Analysis of the content of these databases will reveal any gaps in CVD data collection in Canada which may then be</p>	<p>Available on the internet.</p> <p><b>Contact:</b> Seema Nagpal Disease Intervention Division Centre for Chronic Disease Prevention and Control Population and Public Health Branch Health Canada Tel: (613) 941-1293</p>	<p>None</p>	<p><a href="http://www.phac-aspc.gc.ca/ccdpc-cpcmc/cvd-mcv/ccdb/index.html">http://www.phac-aspc.gc.ca/ccdpc-cpcmc/cvd-mcv/ccdb/index.html</a></p>

			redressed.				Fax: (613) 954-8286 E-mail: <a href="mailto:Seema_nagpal@hc-sc.gc.ca">Seema_nagpal@hc-sc.gc.ca</a>
			The Inventory contains information on CVD databases and resources, and centres of knowledge on CVD. Data elements: purpose, geographic coverage, number of cases, recording period, update frequency, data availability, strengths, weaknesses, and contact information.				
<b>NATIONAL AIR POLLUTION SURVEILLANCE NETWORK (NAPS)</b>	Environment Canada, Analysis and Air Quality Division	Air Quality	The National Air Pollution Surveillance (NAPS) Network was established in 1969 as a joint program of the federal and provincial governments to monitor and assess the quality of the ambient air in Canadian urban centres.  Air quality data for sulphur dioxide (SO <sub>2</sub> ), carbon monoxide (CO), nitrogen dioxide (NO <sub>2</sub> ), ozone (O <sub>3</sub> ) and total suspended particulates (TSP) are measured at over 152 stations in 55 cities in the ten provinces and two territories. Various statistics derived from the measurements and comparisons with the National Air Quality Objectives prescribed under the Canadian Environmental Protection Act are published in annual data reports.  In addition to the criteria pollutants, the Division, with the assistance from provincial and municipal NAPS network cooperating agencies, carries out a number of other monitoring activities to support priority national air issues.	Some information is available on the internet.	Not stated	<a href="http://www.etc-cte.ec.gc.ca/naps/index_e.html">http://www.etc-cte.ec.gc.ca/naps/index_e.html</a>	<b>Contact:</b> ENVIRONMENTAL SCIENCE AND TECHNOLOGY CENTRE 335 River Road, Ottawa, ON K1A 0H3 Tel. (613) 991-5633 Fax. (613) 998-0004
<b>NATIONAL POLLUTANT RELEASE INVENTORY</b>	Environment Canada	Air Quality	The National Pollutant Release Inventory (NPRI) is a legislated, nation-wide, publicly-accessible inventory of pollutants released, disposed of and recycled by facilities in Canada. Facilities which meet reporting requirements are required to report to the NPRI under the Canadian Environmental Protection Act, 1999 (CEPA 1999).  Information on releases to air collected by the NPRI is included in the national emissions inventory of Criteria Air Contaminants (CACs). This inventory also includes emission estimates for facilities that are not required to report to the NPRI, and non-facility emission sources such as forest fires, motor vehicles and residential fuel combustion.	Available on the internet.	None	<a href="http://www.ec.gc.ca/pdb/npri/npri_home_e.cfm">http://www.ec.gc.ca/pdb/npri/npri_home_e.cfm</a>	<b>Contact:</b> National Pollutant Release Inventory Environment Canada 9th Floor, Place Vincent Massey 351 St. Joseph Blvd. Gatineau, QC K1A 0H3 Tel: (819) 953-1656 Fax: (819) 994-3266 E-mail: <a href="mailto:NPRI@ec.gc.ca">NPRI@ec.gc.ca</a>
<b>RESPIRATORY VIRUS DETECTION SURVEILLANCE SYSTEM</b>	Public Health Agency of Canada	Air Quality, Housing	The Respiratory Virus Detection Surveillance System reports on respiratory viruses in Canada. Each week, selected laboratories report numbers of tests performed and numbers positive for Influenza, Respiratory Syncytial Virus, Parainfluenza, and Adenovirus to the Immunization and Respiratory Infections Division (IRID), Public Health Agency of Canada.	Available on the internet.	None	<a href="http://www.phac-aspc.gc.ca/bid-bmi/dsd-dsm/rvdi-divr/index.html">http://www.phac-aspc.gc.ca/bid-bmi/dsd-dsm/rvdi-divr/index.html</a>	<b>Contact:</b>

## ENVIRONMENTAL HEALTH RELATED DATABASES – FOOD

Database Name	Database Holder	Category	Description/Purpose	Terms for Accessing Database Information	Costs for Accessing Database Information	Website Address for Further Information
<b>CANADIAN COMMUNITY HEALTH SURVEY - NUTRITION</b>	Statistics Canada	Food	The main objective of this cycle of the Canadian Community Health Survey (CCHS) is to gather information at the provincial level on the overall nutritional status of the Canadian population.	<ul style="list-style-type: none"> <li>Internet access for general information;</li> <li>Access to information through the DLI is available to faculty and students at universities that have paid a subscription fee.</li> </ul>	Subscription fee	<a href="http://www.statcan.ca/cgi-bin/imdb/p2SV.pl?Function=getSurvey&amp;SDDS=5049&amp;lang=en&amp;db=IMDB&amp;dbg=f&amp;adm=8&amp;dis=2">http://www.statcan.ca/cgi-bin/imdb/p2SV.pl?Function=getSurvey&amp;SDDS=5049&amp;lang=en&amp;db=IMDB&amp;dbg=f&amp;adm=8&amp;dis=2</a>
<b>CHEMICAL HEALTH HAZARD ASSESSMENT TRACKING SYSTEM</b>	Health Canada	Food	<p>The Chemical Health Hazard Assessment Tracking System collects national and provincial data on food contaminants.</p> <p>The tracking system is for internal use only. (This is not a database <i>per se</i>; CHHAD uses internal submission/risk assessment tracking systems to retrieve past assessments and files on specific compounds).</p>	<p>Evaluators are the main users of the tracking system. Security protocols restricting access to this database are in place.</p> <p><b>Contact:</b> Genevieve Moreau Toxicologist Evaluator Chemical Health Hazard Assessment Division Food Directorate Health Products and Foods Branch Health Canada F. Banting Bldg., Tunney's Pasture Ottawa, ON K1A 0L2 Tel: (613) 952-5986 E-mail: <a href="mailto:genevieve_moreau@hc-sc.gc.ca">genevieve_moreau@hc-sc.gc.ca</a></p>	Not applicable	<a href="http://www.hc-sc.gc.ca/ewh-semt/pubs/eval/inventory-repertoire/water_e.html">http://www.hc-sc.gc.ca/ewh-semt/pubs/eval/inventory-repertoire/water_e.html</a>
<b>COMPREHENSIVE RECORD AND INFORMATION SYSTEM FOR PESTICIDES (BRITISH COLUMBIA)</b>	British Columbia Ministry of Water, Land & Air Protection	Food	The purpose of CRISP is to track the use of pesticides in British Columbia. Data is collected on domestic, industrial, and farm pesticides.	<p>Ministry employees are the main users of the information in the database.</p> <p><b>Contact:</b> Corey Bell SITE, SWIS, and CRISP Database Administrator BC Ministry of Water, Land &amp; Air Protection P.O. Box 9342, Stn Prov Govt Victoria, BC V8W 9M1 Tel: (250) 387-9754</p>	Not stated	<a href="http://www.hc-sc.gc.ca/ewh-semt/pubs/eval/inventory-repertoire/crisp_e.html">http://www.hc-sc.gc.ca/ewh-semt/pubs/eval/inventory-repertoire/crisp_e.html</a>



<p><b>ECOLOGICAL MONITORING AND ASSESSMENT NETWORK DATA MANAGEMENT SYSTEM</b></p>	<p>Environment Canada</p>	<p>Food, Water</p>	<p>The EMAN Data Management System is an on-line tool for partners to enter, access, view, manage, search and share data related to the EMAN standardized ecosystem monitoring protocols.</p> <p>This new system will allow you to enter data on-line directly into a comprehensive database. It will enable the Coordinating Office and all of the EMAN partners, for the first time, to be able to access, integrate and analyze EMAN data from across Canada simply and effectively. The system is being built modularly and is currently functioning for the following protocols:</p> <ul style="list-style-type: none"> <li>• the EMAN terrestrial vegetation biodiversity monitoring protocol</li> <li>• Tree Health</li> <li>• the Road Call Count</li> <li>• Backyard Survey</li> </ul> <p>In the long term, the system will accommodate all of the EMAN Ecosystem Monitoring protocols (available from <a href="http://www.eman-rese.ca/eman/ecotools/protocols/terrestrial/">http://www.eman-rese.ca/eman/ecotools/protocols/terrestrial/</a>)</p>	<p>E-mail: <a href="mailto:corey.bell@gems3.gov.bc.ca">corey.bell@gems3.gov.bc.ca</a></p> <p>Available on the internet.</p> <p>None</p> <p><b>Contact:</b> Marlene Doyle <a href="mailto:marlene.doyle@ec.gc.ca">marlene.doyle@ec.gc.ca</a> Tel: (905) 336-4418.</p>	<p><a href="http://www.eman-rese.ca/eman/datamange.html">http://www.eman-rese.ca/eman/datamange.html</a></p>
<p><b>ENVIRONMENTAL FATE DATABASE</b></p>	<p>Syracuse Research Corporation</p>	<p>Food, Water</p>	<p>This computerized database, developed and maintained at SRC under the direction of Dr. Philip Howard, serves the following purposes:</p> <ul style="list-style-type: none"> <li>• To allow rapid access to all available fate data on a given chemical without having to resort to expensive, time consuming, and inefficient primary literature searches;</li> <li>• To identify critical gaps in the available information to facilitate planning of research needs; and</li> <li>• To provide a data source for constructing structure-activity correlations for degradability and transport of chemicals in the environment.</li> </ul> <p>The EFDB is a tremendous aid in identifying persistent chemical classes, as well as physical or chemical properties that may correlate to particular behavior in the environment. The EFDB is comprised of several interrelated files, DATALOG, CHEMFATE, BIOLOG, and BIODEG. These databases share a CAS# file containing over 20,000 chemicals with preferred name and formula, and a bibliographic file containing full references on over 36,000 articles cited.</p>	<p>Access is available for purchase, see website</p>	<p>See website <a href="http://www.syrres.com/esc/efdb_info.htm">http://www.syrres.com/esc/efdb_info.htm</a></p>
<p><b>GLOBAL PESTICIDES RELEASE DATABASE</b></p>	<p>Environment Canada</p>	<p>Food, water</p>	<p>In recognition of the increasingly urgent needs of the national and international community for accurate and complete usage, emission and residue data for pesticides, the Modelling &amp; Integration Research Division of Air Quality Research Branch, Meteorological Service of Canada (MSC), Environment Canada, established the Global Pesticides Release Database (GloPeRD). GloPeRD provides high-quality gridded emission and residue data of persistent organochlorine pesticides, such as HCH, DDT, toxaphene, with different scales and resolutions.</p>	<p>These datasets can be used by scientific, industrial, educational, and policy-making communities.</p>	<p>Not stated <a href="http://www.msc-smc.ec.gc.ca/data/gloperd/index_e.cfm">http://www.msc-smc.ec.gc.ca/data/gloperd/index_e.cfm</a></p>

**Contact:**

<b>HABITATWIZARD</b>	British Columbia Ministry of Environment	Food	<p>Scientific Authority: Dr. Yi-Fan Li Email address: <a href="mailto:yi-fan.li@ec.gc.ca">yi-fan.li@ec.gc.ca</a></p> <p>HabitatWizard is a map-based tool created for government, industry, environmental professionals and interested users to spatially access detailed fish and fish habitat information over the internet.</p> <p>HabitatWizard links to provincial databases, providing information on fish observations, fish ranges, stream and lake physical information, aerial photography, the watershed atlas, fish stocking records and bathymetric mapping for over 2,500 lakes.</p>	Available on the internet.	None	<a href="http://www.env.gov.bc.ca/habwiz/">http://www.env.gov.bc.ca/habwiz/</a>
<b>NATIONAL CONTAMINANTS INFORMATION SYSTEM</b>	Department of Fisheries and Oceans Canada	Food	<p>The NCIS is a computerized warehouse of information on toxic chemicals in fish, other aquatic life and their habitats. It was built to help manage the growing base of data and information.</p> <p>The NCIS recognizes that different people have different information needs. Some require administrative information about projects and people. For these, the NCIS maintains a Directory containing information about projects, and the people involved in them. Other people need access to summary information about archived data. For these, there is the Inventory of data holdings describing where, when and what data and information exist. Finally, some people require the observations themselves. For these, there exist the Archives.</p>	Access to the data is restricted; requests for access must be approved by a regional data manager of the Marine Environmental Data Service, Fisheries and Oceans Canada.	Not stated	<a href="http://www.meds-sdmm.dfo-mpo.gc.ca/meds/Prog_Nat/NCIS/homemain_e.htm">http://www.meds-sdmm.dfo-mpo.gc.ca/meds/Prog_Nat/NCIS/homemain_e.htm</a>
<b>NATIONAL ENTERIC SURVEILLANCE PROGRAM</b>	National Microbiology Laboratory (Public Health Agency of Canada)	Food, Water	<p>The NESP is a national surveillance program designed to provide timely analysis and reporting of laboratory confirmed enteric disease cases in Canada. The NESP has been in operation since April 1997 and provides weekly reports to stakeholders across the country.</p> <p>NESP attempts to provide an up-to-date picture of the current status of major enteric infectious diseases in the human population such as <i>Salmonella</i>, <i>Campylobacter</i>, <i>Shigella</i>, <i>Vibrio</i>, <i>Verotoxigenic E. coli</i>, <i>Yersinia</i> and more recently intestinal parasitic organisms such as <i>Giardia</i>, <i>Cryptosporidium</i>, <i>Entamoeba</i> and <i>Cyclospora</i> as well as enteric viruses such as Norovirus and Rotavirus.</p> <p>The program is jointly administered by the National Laboratory for Enteric Pathogens (NLEP), National Microbiology Laboratory (NML) and the Division of Enteric, Foodborne and Waterborne Diseases, Centre for Infectious Disease Prevention and Control (CIDPC).</p> <p>Stakeholders include directors and staff of provincial health laboratories as well as federal and provincial epidemiologists, researchers and other public health professionals.</p>	Broad information available on the internet.	Not stated	<a href="http://nml-lnm.gc.ca/english/NESP.htm">http://nml-lnm.gc.ca/english/NESP.htm</a>

<b>NATIONAL LAND AND WATER INFORMATION SERVICE</b>	Agriculture and Agri-Foods Canada	Food, Water	<p>The National Land and Water Information Service is an Internet-based service being developed over the next four years to provide on-line access to agri-environmental information to help Canadians make responsible land-use decisions. The federal government is investing \$100.1 million to implement the new service.</p> <p>The first phase of project implementation began in May 2005, following formal approval by Treasury Board. When the project is completed in 2009, the National Land and Water Information Service will be recognized as Canada's source of information, analysis and interpretation of agri-environmental data on land use, soil, water, climate and biodiversity to assist land-use decision makers. These land-use decision makers include governments, community groups, researchers, producers and industry.</p>	<p>Available on the internet.</p> <p><b>Contact:</b>                  Assistant Deputy Minister Project Leader:                  Dr. Susan M. Till                  Project Manager: Karl Theil                  Director, Client Relations: Julie Leese                  Service Manager: Michael Maguire</p>	None	<a href="http://www.agr.gc.ca/nlwis-snite/index_e.cfm?page=intro">http://www.agr.gc.ca/nlwis-snite/index_e.cfm?page=intro</a>
<b>PEST MANAGEMENT REGULATORY AGENCY PUBLIC REGISTRY</b>	Pest Management Regulatory Agency (Health Canada)	Food	<p>PMRA's primary objective is to prevent unacceptable risks to people and the environment from the use of pest control products.</p> <p>One of the mandates in the new Pest Control Products Act is to increase transparency in the pesticide registration system. A key mechanism for meeting this mandate is the Public Registry. The Public Registry is a collection of non-confidential information on pesticides or the pesticide regulatory system. All publically available information on currently registered pesticides is available here. The Public Registry is made up of the following components:</p> <ul style="list-style-type: none"> <li>• Product Information</li> <li>• Regulatory and Policy Documents</li> <li>• Public Involvement</li> </ul>	<p>Available on the internet.</p> <p><b>Contact:</b>                  Pest Management Regulatory Agency                  2720 Riverside Drive                  Ottawa, Ontario                  A.L. 6606D2                  K1A 0K9                  Tel: 1-800-267-6315                  Fax: (613) 736-3798</p>	None	<a href="http://pmra-arla.gc.ca/english/pubreg/productinformation-e.html">http://pmra-arla.gc.ca/english/pubreg/productinformation-e.html</a>
<b>REFERENCE LISTING OF ACCEPTED CONSTRUCTION MATERIALS, PACKAGING MATERIALS AND NON-FOOD CHEMICAL PRODUCTS (DATABASE)</b>	Canadian Food Inspection Agency	Food	<p>The Reference Listing of Accepted Construction Materials, Packaging Materials and Non-Food Chemical Products is now available as a database (except pesticides).</p> <p>This is a current list of materials and non-food chemicals which have been found by the CFIA to be acceptable for use in establishments operating under the authority of the Agency. The primary purpose of this publication is to provide a ready reference for both inspection personnel and representatives of the managerial staff of establishments, to indicate acceptance status for products intended for use in establishments.</p>	<p>Available on the internet.</p> <p><b>Contact:</b>                  Consumer Product Safety Bureau                  Product Safety Programme                  Health Canada,                  Macdonald Building – Floor: 4                  123 Slater Street                  Address Locator 3504D                  Ottawa, Ontario, K1A 0K9                  Tel: 613-957-4467                  Fax: 613-952-3039</p>	None	<a href="http://active.inspection.gc.ca/scripts/fssa/reference/reference.asp?lang=e">http://active.inspection.gc.ca/scripts/fssa/reference/reference.asp?lang=e</a>

## ENVIRONMENTAL HEALTH RELATED DATABASES – HOUSING

Database Name	Database Holder	Category	Description/Purpose	Terms for Accessing Database Information	Costs for Accessing Database Information	Website Address for Further Information
<b>CENSUS OF POPULATION</b>	Statistics Canada	Housing	The census is designed to provide information about people and housing units in Canada by their demographic, social and economic characteristics. In Canada, the census is the only reliable source of detailed data for small groups (such as lone-parent families, ethnic groups, industrial and occupational categories and immigrants) and for areas as small as a city neighbourhood or as large as the country itself. Because the Canadian census is collected every five years and the questions are similar, it is possible to compare changes that have occurred in the make-up of Canada's population over time.	<ul style="list-style-type: none"> <li>Internet access for general information;</li> <li>A public version of the file is available through the Data Liberation Initiative;</li> <li>Access to information through the DLI is available to faculty and students at universities that have paid a subscription fee.</li> </ul>	Subscription fee	<a href="http://www12.statcan.ca/english/census/Index.cfm">http://www12.statcan.ca/english/census/Index.cfm</a>
<b>COMMUNITY WELL-BEING INDEX DATABASE</b>	Indian and Northern Affairs Canada	Housing	<p>The Community Well-Being (CWB) Index is a means of examining the well-being of individual Canadian communities. Various indicators of socio-economic well-being, including education, income, housing, and labour force activity, were derived from the 2001 Census of Canada and combined to give each community a well-being "score" between 0 and 1.</p> <p>This database contains the 2001 CWB scores of every community in Canada for which data were available from the 2001 census, and which had a population of at least 65 persons in 2001. Scores for each of the four components of the CWB are also included, except for those smaller communities affected by income suppression rules.</p>	Researchers interested in working with the CWB data may download the '.csv' version of the database. This comma-delimited text file can be opened in most spreadsheet programs.	Not stated	<a href="http://www.ainc-inac.gc.ca/pr/ra/cwb/db_e.pdf">http://www.ainc-inac.gc.ca/pr/ra/cwb/db_e.pdf</a> <a href="http://www.ainc-inac.gc.ca/pr/ra/pub4_e.html">http://www.ainc-inac.gc.ca/pr/ra/pub4_e.html</a>
<b>GENERAL SOCIAL SURVEY - FAMILY, SOCIAL SUPPORT AND RETIREMENT</b>	Statistics Canada	Housing	<p>The two primary objectives of the General Social Survey (GSS) are: to gather data on social trends in order to monitor changes in the living conditions and well being of Canadians over time; and to provide information on specific social policy issues of current or emerging interest.</p> <p>This survey collects data on family, social support and retirement for Canadians aged 45 years and over. The purpose of this survey is to better understand the needs and experiences of these Canadians by examining key transitions related to their families, care giving and receiving, work and retirement.</p>	<ul style="list-style-type: none"> <li>Internet access for general information;</li> <li>A public version of the file is available through the Data Liberation Initiative;</li> <li>Access to information through the DLI is available to faculty and students at universities that have paid a subscription fee.</li> </ul>	Subscription fee	<a href="http://www.statcan.ca/cgi-bin/imdb/p2SV.pl?Function=getSurvey&amp;SDDS=4502&amp;lang=en&amp;db=IMDB&amp;dbg=f&amp;adm=8&amp;dis=2">http://www.statcan.ca/cgi-bin/imdb/p2SV.pl?Function=getSurvey&amp;SDDS=4502&amp;lang=en&amp;db=IMDB&amp;dbg=f&amp;adm=8&amp;dis=2</a>
<b>HOUSING AGAIN</b>	Multiple	Housing	Housing Again, is a site dedicated to putting affordable housing back on the public agenda.	Available on the internet	None	<a href="http://housingagain.web.ca/index.html">http://housingagain.web.ca/index.html</a>



## ENVIRONMENTAL HEALTH RELATED DATABASES – WATER

Database Name	Database Holder	Category	Description/Purpose	Terms for Accessing Database Information	Costs for Accessing Database Information	Website Address for Further Information
<b>BIOCHEM: DATABASE OF BIOLOGICAL AND CHEMICAL OCEANOGRAPHIC DATA</b>	Department of Fisheries and Oceans Canada	Water	<p>Never heard of BioChem? Come and find out why this huge biological and chemical initiative is so important and how it can help the scientific community in monitoring the global warming. Thousands of water samples are taken monthly and then put at the disposal of canadian scientists to improve the accuracy of the weather forecast and to broaden our knowledge of the oceans. As we speak, discrete and plankton data are the major sources of information gathered but this is likely to change in a near future for BioChem because the scientists want to take advantage of every drop of water they get out of the oceans to build the largest scientific data source ever</p> <p><b>Please note DFO Requested Citation:</b>                      Department of Fisheries and Oceans Canada, 2006                      BioChem: database of biological and chemical oceanographic data.  <a href="http://www.meds-sdmm.dfo-mpo.gc.ca/biochem/Biochem_e.htm">http://www.meds-sdmm.dfo-mpo.gc.ca/biochem/Biochem_e.htm</a>                      Version 8 (2005).</p>	<p>The BioChem application is available to anyone with a legitimate requirement for the information.</p> <p>Users must register a user name and password for the query application.</p>	None	<a href="http://www.meds-sdmm.dfo-mpo.gc.ca/biochem/Biochem_e.htm">http://www.meds-sdmm.dfo-mpo.gc.ca/biochem/Biochem_e.htm</a>
<b>CCME WATER QUALITY INDEX</b>	Canadian Council of Ministries of the Environment	Water	<p>The CCME Water Quality Index (WQI) is similar to the UV Index we check before spending the day in the sun, or an air quality index in smog season. It provides a snapshot of water quality.</p> <p>Water quality experts in Canada look at many different kinds of information that is quite complex and technical. The WQI provides the non-expert with a way of understanding the overall water quality. The number produced by the Index means that water quality can be compared from one community to another.</p> <p>It is important to remember that the WQI alone should not be used to make hasty decisions to clean up a water body. For instance, should an impairment to the water quality of a system be noticed, this is an indication that further investigation is needed into the potential problem area.</p> <p>Rankings are provided for individual water bodies of excellent, good, fair, marginal or poor. The CCME WQI includes evaluation of many of the different items that are used to evaluate water, such as acidity, fecal coliform, dissolved oxygen and so on.</p> <p>The CCME Water Quality Index is a means to provide consistent procedures for Canadian jurisdictions to report water quality information to both management and the public. It was developed by a</p>	<p>Some information is available on the internet.</p> <p><b>Contacts:</b>                      Les Swain, British Columbia Ministry of Water, Land and Air Protection - <a href="mailto:Les.Swain@gems7.gov.bc.ca">Les.Swain@gems7.gov.bc.ca</a></p> <p>Sarah Depoe, Alberta Agriculture, Food and Rural Development - <a href="mailto:Sarah.Depoe@gov.ab.ca">Sarah.Depoe@gov.ab.ca</a></p> <p><i>For contacts in other jurisdictions see website</i></p>	See website	<a href="http://www.ccme.ca/sourcetotap/wqi.html">http://www.ccme.ca/sourcetotap/wqi.html</a>

<b>C-ENTERNET</b>	Public Health Agency of Canada	Water, Food	<p>sub-committee established under the CCME Water Quality Guidelines Task Group.</p> <p>C-EnterNet is a multi-partner initiative facilitated by the Public Health Agency of Canada. It is meant to support activities that will reduce the burden of enteric disease, by comprehensive sentinel site surveillance implemented through local public health units. This initiative will result in effective evaluation and development of policies related to the safety of food and water. Its approach is in line with leading-edge work in public health, as called for in Canada by the recent Haines (meat safety), Naylor (SARS outbreak) and O'Connor (water safety) reports, the Auditor General and the Pan-Canadian Public Health Network; in the United States, by the Centers for Disease Control and Prevention (CDC); in Australia, by the Department of Health and Ageing; and in the European Union, by the Integrated Approach to Food Safety. Such work focuses on the necessity of collaboration among jurisdictions and of integration of efforts, new communication networks, rigorous systematization, and involvement of local public health units to inform policy at the local, regional and national levels.</p>	Broad information available on the internet.	Not stated	<a href="http://www.phac-aspc.gc.ca/c-enternet/index.html">http://www.phac-aspc.gc.ca/c-enternet/index.html</a>
<b>CANADA AND NEWFOUNDLAND/LABRADOR AQUA LINK (CANAL)</b>	Environment Canada	Water	<p>CANAL, the Canada and Newfoundland/Labrador Aqua Link is a web site which was built in partnership with the Newfoundland and Labrador Department of Environment and Conservation. Focused on the public delivery of ambient water quality information, the site provides dynamic access to station descriptions, data and metadata for over 100 shared water quality stations throughout Newfoundland and Labrador.</p>	Available on the internet.	None	<a href="http://map.ns.ec.gc.ca/canal/root/main/">http://map.ns.ec.gc.ca/canal/root/main/</a>
<b>CANADIAN NATIONAL ATMOSPHERIC CHEMISTRY DATABASE AND ANALYSIS SYSTEM (NATCHEM)</b>	Meteorological Service of Canada.	Water	<p>The National Atmospheric Chemistry Database (NAtChem) is a data archival and analysis facility operated by the Meteorological Service of Canada.</p> <p>The purpose of the NAtChem database is to enhance atmospheric research through the archival and analysis of North American air and precipitation chemistry data. Such research includes investigations into the chemical nature of the atmosphere, atmospheric processes, spatial and temporal patterns, source-receptor relationships and long range transport of air pollutants.</p> <p>The NAtChem Database contains air and precipitation chemistry data from many major regional-scale networks in North America. To contribute to NAtChem, networks must operate for a period of at least two years, must have wide area coverage, and must have regionally-representative sites (rural and background).</p>	<p><b>Contact:</b>  <b>Bob Vet</b>, Head, Data Management and Quality Assurance Section          Phone: (416) 739-4853</p>	Not Stated	<a href="http://www.msc-smc.ec.gc.ca/natchem/team_e.html">http://www.msc-smc.ec.gc.ca/natchem/team_e.html</a>

The NAtChem Database consists of 4 smaller databases.

<b>DRINKING WATER INFORMATION MANAGEMENT SYSTEM (ONTARIO)</b>	Ontario Ministry of Environment	Water	<p>Purpose of the Drinking Water Information Management System (DWIMS) is to collect and store drinking water quality data to support standards development in the Drinking Water Surveillance Program (DWSP) and for audit water samples collected when MOE inspects municipal waterworks in Ontario; to define contaminant levels and trends; to assess emerging contaminants; and to monitor the efficiency of water treatment processes.</p> <p>The DWIMS contains water quality data on concentrations of environmental contaminants; and analytical results for a variety of chemical (e.g., pesticides) and radiological parameters (most of the parameters listed in the Ontario Drinking Water Standards, as well as for parameters which are not regulated in Ontario). Data types included are: chemical, radiological, and water facilities in Ontario. Provincial and local/municipal level data. Data elements: Waterworks information, such as waterworks name, number, address, contacts, water source(s), treatment information, and sample site(s).</p>	<p>The main users of the database information are MOE staff, such as Standards Development Branch, regional water inspectors, and Laboratory Services Branch, who can access the data directly via the MOE Intranet to the DWIMS web site to run reports that query the DWIMS database for information. A username account and password are required for access; access can also be restricted to read-only.</p> <p>External MOE users, such as the federal Ministries of Health and of Environment, consultants, academia, and the public, cannot access the data directly but must request the data from MOE. Others: Direct access to the data is only available if an individual can access the MOE Intranet and if the appropriate software and plug-ins are installed to gain access to the DWIMS web site to run reports.</p> <p><b>Contacts:</b> Patrick Cheung Drinking Water Specialist Drinking Water Surveillance Program Ontario Ministry of the Environment 125 Resources Road Etobicoke, ON M9P 3V6 Tel: (416) 235-6236 E-mail: <a href="mailto:cheungpa@ene.gov.on.ca">cheungpa@ene.gov.on.ca</a> Nazma Khan DWIMS Database Administrator [Address same as above] Tel: (416)-235-6250 E-mail: <a href="mailto:khanna@ene.gov.on.ca">khanna@ene.gov.on.ca</a></p>	Not stated	<a href="http://www.hc-sc.gc.ca/ewh-semt/pubs/eval/inventory-repertoire/dwims_e.html">http://www.hc-sc.gc.ca/ewh-semt/pubs/eval/inventory-repertoire/dwims_e.html</a>
<b>DRINKING WATER INFORMATION SYSTEM (ONTARIO)</b>	Ontario Ministry of Environment	Water	<p>The Drinking Water Information System (DWIS) is designed to collect important information regarding the state of the province's drinking water.</p>	<p>At this time DWIS is only available for Ministry staff and Laboratories with a user ID who are reporting an Adverse Water Quality Incident or submitting other data.</p>	Not stated	<a href="http://www.ene.gov.on.ca/environet/DWIS/index.htm">http://www.ene.gov.on.ca/environet/DWIS/index.htm</a>
<b>ENVIRODAT:</b>	Environment Canada	Water	<p>The purpose of ENVIRODAT is to provide a national repository for water quality data collected in Canada, including five databases</p>	<p>Database development is in progress.</p>	Not stated	



<b>NATIONAL ENVIRONMENTAL QUALITY DATABASE</b>		<p>corresponding to the Directorates five regions: Atlantic, Quebec, Ontario, Prairie and Northern, and Pacific and Yukon.</p> <p>ENVIRODAT includes results of field and laboratory analysis from 10,000 locations across Canada including rivers, lakes, groundwater and precipitation. Over 1,500 different analytical codes are used in the database.</p>	<p><b>Contact:</b> Chris Lochner 351 St. Joseph Blvd Gatineau, Quebec, Canada K1A 0H3</p> <p>Tel: 819-934-2712</p>		
<b>ENVIRONMENTAL DATA STORE (ONTARIO)</b>	<p>Ontario Ministry of the Environment</p>	<p>Water</p> <p>The Environmental Data Store serves as a repository for all data on surface water sample analyses done by the Ontario Ministry of the Environment, including surface water monitoring data.</p> <p>The database contains monitoring data on Ontario surface water quality, and data on industrial hazards relating to water quality. Data types: contaminant levels in media; bio-monitoring data; biological, microbiological, and chemical data. There are data on approximately 300,000 surface water samples from about 10,000 sample locations, and 6,000,000 test results. Geolocators: longitudinal / latitudinal coordinates; UTM.</p>	<p>Scientists and technical staff in the Ontario Ministry of the Environment are the main users of the database information; users must have database user ID and password to log in and access the database from OPS's wide area network only. No one else has direct access to the data. Protocols or guidelines restricting the use or disclosure of the data fall presumably under Ontario Freedom of Information legislation. Reports.</p> <p><b>Contacts</b> Duncan Boyd Supervisor, Surface Water Monitoring Environmental Monitoring and Reporting Branch Ontario Ministry of the Environment 125 Resources Road Etobicoke, ON M9P 3V6 Tel: (416) 235-6221 E-mail: <a href="mailto:Duncan.Boyd@ene.gov.on.ca">Duncan.Boyd@ene.gov.on.ca</a> Jan Proboszcz Database Administrator Environmental Sciences and Standards Science Division Environmental Monitoring and Reporting Branch Ontario Ministry of the Environment [Address same as above] Tel: (416)-235-6020 E-mail: <a href="mailto:probosja@ene.gov.on.ca">probosja@ene.gov.on.ca</a></p>	<p>Not stated</p>	<p><a href="http://www.hc-sc.gc.ca/ewh-semt/pubs/eval/inventory-repertoire/eds_e.html">http://www.hc-sc.gc.ca/ewh-semt/pubs/eval/inventory-repertoire/eds_e.html</a></p>
<b>ENVIRONMENTAL MONITORING SYSTEM (BRITISH COLUMBIA)</b>	<p>Ministry of Water, Land and Air Protection, Environmental Protection Division</p>	<p>Water, Air Quality</p> <p>The Environmental Monitoring System (EMS) is a data repository. The system was designed to capture data results from physical /chemical, biological and toxicological analyses performed on water, air, solid waste discharges and ambient monitoring throughout the province as well as related quality assurance data. Samples are collected by ministry staff and permittees under the Environmental Management Act and analyzed by public and private laboratories. EMS is an Oracle/Unix based application using client/server technology. This</p>	<p>Ministry staff throughout British Columbia are the main users of the data, and access is password protected. There is no direct access by external parties.</p> <p><b>Contact:</b> Ute Muller Application Support Analyst</p>	<p>Not stated</p>	<p><a href="http://www.env.gov.bc.ca/air/wamr/ems_internet/edt_faqs.html">http://www.env.gov.bc.ca/air/wamr/ems_internet/edt_faqs.html</a></p> <p><a href="http://www.hc-sc.gc.ca/ewh-semt/pubs/eval/inventory-repertoire/ems_e.html">http://www.hc-sc.gc.ca/ewh-semt/pubs/eval/inventory-repertoire/ems_e.html</a></p>

			technology enables users to interact with a less complicated and more responsive GUI (Graphical User Interface) application, which provides 'point and click' functionality, as well as extensive on-line help.	Business and Information Services Division Ministry of Sustainable Resource Management P.O. Box 9364, Stn Prov Govt Victoria, BC V8W 9M3 Tel: (250) 356-1924 E-mail: <a href="mailto:emshelp@gems5.gov.bc.ca">emshelp@gems5.gov.bc.ca</a>		
<b>UNITED NATIONS GLOBAL ENVIRONMENT MONITORING SYSTEM (GEMS)</b>	United Nations Global Environment Monitoring System (GEMS) Water Programme	Water	<p>The United Nations Global Environment Monitoring System (GEMS) Water Programme is dedicated to providing environmental water quality data and information of the highest integrity, accessibility and interoperability. These data are used in water assessments and capacity building initiatives around the world.</p> <p>GEMStat is designed to share surface and ground water quality data sets collected from the GEMS/Water Global Network, including over 2,700 stations, two million records, and over 100 parameters.</p> <p>GEMS/Water is hosted by Canada at the National Water Research Institute (NWRI) and operates under the auspices of the United Nations Environment Programme. Maintained at National Water Research Institute is the GEMS/Water data warehouse, GEMStat.</p>	Available on the internet.	None	<p><a href="http://www.gemstat.org/">http://www.gemstat.org/</a></p> <p><a href="http://www.nwri.ca/gems-e.html">http://www.nwri.ca/gems-e.html</a></p>
<b>GREAT LAKES ENVIRONMENTAL DATABASE</b>	United States Environmental Protection Agency	Water, Air	<p>The Great Lakes National Program Office (GLNPO) collects environmental data on a wide variety of constituents in water, biota, sediment, and air. Long after the studies are completed, the data remain and must be managed. Central to the data management effort is a computerized relational database system to house Lake Michigan Mass Balance and other project results. That system, the Great Lakes Environmental Database (GLENDa), was developed to provide data entry, storage, access and analysis capabilities to meet the needs of mass balance modelers and other potential users of Great Lakes data.</p> <p>Development of GLENDa began in 1993 with a logical model based on the modernized STORET concept and requirements analysis. This was followed in 1994-1995 with the development of field and laboratory reporting requirements, preliminary reference tables, and the initial creation of the physical tables. Recent years have seen the completion of the physical database and most reference tables, the creation of software tools to access the database, and the creation and use of upload routines to load Lake Michigan Mass Balance data.</p>	Available on the internet.	None	<p><a href="http://www.epa.gov/glnpo/monitoring/data_proj/glenda/index.html">http://www.epa.gov/glnpo/monitoring/data_proj/glenda/index.html</a></p> <p><a href="http://www.epa.gov/glnpo/monitoring/data_proj/glenda/query_index.html">http://www.epa.gov/glnpo/monitoring/data_proj/glenda/query_index.html</a></p>
<b>GROUND WATER INFORMATION SYSTEM (ALBERTA)</b>	Alberta Environment	Water	This Geographical Information System (GIS) site contains a database of approximately 500,000 records with nearly 5,000 new drilling reports added annually. The database also contains information about individual water well drilling reports, chemical analysis reports up to the end of 1986, springs, flowing shot holes, test holes, and pump tests conducted on the wells	Available on the internet.	None	<a href="http://www3.gov.ab.ca/env/water/groundwater/index.html">http://www3.gov.ab.ca/env/water/groundwater/index.html</a>

<p><b>HEALTH CANADA DRINKING WATER MONITORING MANAGEMENT SYSTEM</b></p>	<p>Health Canada</p>	<p>Water</p>	<p>The program gives access to water data as far back as 1987 in a bilingual format</p>	<p>or by phone: (780) 427-2770</p>	<p>Access to the database is password protected, however the following have access:</p> <ul style="list-style-type: none"> <li>• EHO</li> <li>• CBWM</li> <li>• Public Works Managers</li> <li>• CHR</li> <li>• Water Plant Operator</li> <li>• Circuit Rider Trainers</li> <li>• Tribal Councils</li> <li>• Consultants and Contractors on demand</li> </ul>	<p>Not stated</p>	<p><a href="https://www.eau-water.ca/index_en.html">https://www.eau-water.ca/index_en.html</a></p>
<p><b>MUNICIPAL INFORMATION MANAGEMENT SYSTEM (NEWFOUNDLAND)</b></p>	<p>Newfoundland and Labrador Information Technology Division, Department of Municipal and Provincial Affairs</p>	<p>Water</p>	<p>The purpose of the Municipal Information Management system is to store drinking water quality data relating to Newfoundland's local/municipal public water supplies.</p> <p>The database contains provincial regional data on drinking water quality parameters. Data types: biological, bacteriological, chemical, geographic, and demographic. Data elements: chemical parameter data on arsenic, lead, uranium, pH, copper, etc; E.coli levels, total coliform levels in drinking water, chlorine-2 residual levels, and 'boil water' advisory reasons. Also data on treatment system operators: name, address (city, postal code), telephone number. Geolocators: municipal codes.</p>	<p>The main users of the information in the database are health and environment officials, including medical officers of health; also the Municipal and Provincial Affairs Dept. Access is limited to inspectors, managers, water collection technicians, health officers and environmental staff.</p>	<p><b>Contacts:</b>  Darryl Johnson  Environmental Health Analyst  Health and Community Services,  Newfoundland  P.O. Box 8700  St. John's, NL A1B 4J6  Tel: (709) 729-3422  E-mail: <a href="mailto:djohnson@gov.nf.ca">djohnson@gov.nf.ca</a></p> <p>Jack Balram  Manager, Information Technology  Health and Community Services,  Newfoundland  Tel: (709) 729-1051</p>	<p>Not stated</p>	<p><a href="http://www.hc-sc.gc.ca/ewh-semt/pubs/eval/inventory-repertoire/mims_e.html">http://www.hc-sc.gc.ca/ewh-semt/pubs/eval/inventory-repertoire/mims_e.html</a></p>
<p><b>NATIONAL WATER DATA ARCHIVE</b></p>	<p>Environment Canada</p>	<p>Water</p>	<p>HYDEX is a relational database that contains inventory information on the various streamflow, water level, and sediment stations (both active and discontinued) in Canada. This database contains information about the stations themselves such as; location, equipment, and type(s) of data collected.</p> <p><u>HYDAT</u> is a relational database that contains the actual computed data for the stations listed in HYDEX. These data include: daily and monthly means of flow, water levels and sediment concentrations (for</p>	<p>CD-ROM is available for purchase from Environment Canada.</p>	<p>Price for complete off-the-shelf CD-ROM sent by mail: \$100 + \$15 shipping + GST</p>	<p><a href="http://www.wsc.ec.gc.ca/products/hydat/main_e.cfm?cna_re=archive_e.cfm">http://www.wsc.ec.gc.ca/products/hydat/main_e.cfm?cna_re=archive_e.cfm</a></p>	

sediment sites). For some sites, peaks and extremes are also recorded. The data are collected by the regional offices and updated in the national database once per year. This update generally occurs in the mid-summer for the previous year (e.g. summer 1996 for 1995 data). Each year, Environment Canada produces a National HYDAT CD-ROM which provides access to the [National Water Data Archive](#). The archive contains daily, monthly, and instantaneous data for streamflow, water level, and sediment data for over 2500 active and 5500 discontinued hydrometric monitoring stations across Canada.

<b>NATURAL RESOURCES INFORMATION CENTRE (BRITISH COLUMBIA)</b>	Integrated Land Ministry of Agriculture and Lands, Management Bureau	Water	The Natural Resource Information Centre provides a window to data sources provided by various ministries and agencies from the Natural Resource Sector. The focus is on spatial and attribute data and associated applications that allow display and interaction with the data. The Integrated Land Management Bureau (ILMB) has the mandate to provide client-focused, high quality, integrated Crown land and resource management and information services to British Columbians. ILMB has developed this website as a first step towards making information accessible to clients without having to go to many different sites to find the source. This website will be enhanced in future to provide more options for selecting and working with natural resource information.	Available on the internet.	Not stated	<a href="http://ilmbwww.gov.bc.ca/infocenter/about_nric.html">http://ilmbwww.gov.bc.ca/infocenter/about_nric.html</a>
<b>NEW BRUNSWICK WATER QUALITY DATABASE</b>	New Brunswick Department of Environment and Local Government	Water	The New Brunswick Water Quality Database is a surface fresh water quality database. It contains information relating to fecal indicators, chemistry including nutrients and major ions, temperature and dissolved oxygen. The New Brunswick Water Quality Database is used to monitor baseline trends and determine assimilative capacity.	Some information is available on the internet.	None	<a href="http://www.gnb.ca/0009/0371/0007/0001-e.asp">http://www.gnb.ca/0009/0371/0007/0001-e.asp</a>
<b>NOVA SCOTIA WELLS LOG DATABASE</b>	Nova Scotia Environment and Labour	Water	The Nova Scotia Well Logs Database was recently upgraded and released in January 2005. The database provides information on approximately 97,000 public and domestic water wells, dating from 1940 to 2004. For each water well, the database includes information on the well location, geology and well construction, including the well depth and yield.	Information about the database and supporting user manual are available on the internet.	The database is available from the Environment and Labour office in Bedford (phone: 902-424-7773) for a price of \$100.	<a href="http://www.gov.ns.ca/enla/water/welldatabase.asp">http://www.gov.ns.ca/enla/water/welldatabase.asp</a>
<p><b>Contact:</b>                  Nova Scotia Environment and Labour                  PO Box 697                  5151 Terminal Road                  Halifax, Nova Scotia B3J 2T8                  Tel: 902-424-5300                  Fax: 902-424-0503</p>						

*Environmental Health Related Databases Identified for the First Nations Environmental Health Innovation Network*

<b>PUBLIC AND GROUND WATER DATA ACCESS (PRINCE EDWARD ISLAND)</b>	Prince Edward Island Environment, Energy and Forestry	Water	The water data available has generally been collected by departmental staff to provide both baseline and issue specific information to the department and to the general public. Often this data has been contained within public data reports or consultants' reports but until now has not been easily accessed by the general public outside of these reports. The data available in this system includes both historical data and data being collected as part of current monitoring programs. Some of the parameters are from field instruments and others are laboratory analyses of grab water samples. Current analyses of water samples are completed by the Provincial Analytical Laboratories, a SCC accredited facility.	Available on the internet.	None	<a href="http://web3.gov.pe.ca/waterdata/tool.php3">http://web3.gov.pe.ca/waterdata/tool.php3</a>
<b>SASKATCHEWAN ENVIRONMENTAL MANAGEMENT SYSTEM (SEEMS)</b>	Saskatchewan Environment	Water	The purpose of SEEMS is to manage provincial drinking water quality data and information.  SEEMS contains provincial and local/municipal data on drinking water quality and other water quality. Data types: contaminant levels in media; bio-monitoring data; biological, microbiological, chemical, toxicological, geographic. Geolocators: municipal codes; legal land description; longitudinal / latitudinal coordinates. Data elements: Waterworks permits to operate, inspection results, and water quality laboratory results.	The main users of the information in the database are Saskatchewan Environment staff and the general public through its public webpage; also other provincial government agencies. Staff enter the system through a web browser and unique password; public access information is via a separate webpage.	None	<a href="http://www.hc-sc.gc.ca/ewh-semt/pubs/eval/inventory-repertoire/seems_e.html">http://www.hc-sc.gc.ca/ewh-semt/pubs/eval/inventory-repertoire/seems_e.html</a>  <a href="http://www.saskh2o.ca/">http://www.saskh2o.ca/</a>
<b>WATER QUALITY DATABASE (NEWFOUNDLAND AND LABRADOR)</b>	Water Resources Management Division Newfoundland Department of the Environment	Water	Includes data on drinking water quality parameters and water quality testing results (at tap and at source, both before and after) from sampled communities in Newfoundland. There are approximately 300 quarterly samples. Data types: primarily chemical data (40 chemical parameters for drinking water). Periodic sampling of water supply sources with a focus on tap water quality monitoring. Geographic information: enumeration area, census division and subdivision. Geolocators: The Water Resources Management Division is in the process of including georeferencing in the database; some entries already have municipal codes.	Data are fully accessible to government bodies, various agencies, and the general public.	None	<a href="http://www.hc-sc.gc.ca/ewh-semt/pubs/eval/inventory-repertoire/water_e.html">http://www.hc-sc.gc.ca/ewh-semt/pubs/eval/inventory-repertoire/water_e.html</a>  <a href="http://www.env.gov.nl.ca/env/waterres/Surfacewater/Drinking/DrinkingWater.asp">http://www.env.gov.nl.ca/env/waterres/Surfacewater/Drinking/DrinkingWater.asp</a>
				Data are accessible via the Internet.		
				<b>Contacts:</b> Martin Goebel, P.Eng. Director Water Resources Management Division Department of the Environment Government of Newfoundland Confederation Bldg West, 4th floor		

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## ENVIRONMENTAL HEALTH RELATED DATABASES – GENERAL

Database Name	Database Holder	Category	Description/Purpose	Terms for Accessing Database Information	Costs for Accessing Database Information	Website Address for Further Information
<b>CANADIAN ENVIRONMENTAL ASSESSMENT REGISTRY</b>	Canadian Environmental Assessment Agency	All	<p>The Canadian Environmental Assessment Registry contains information about projects undergoing environmental assessment under the Canadian Environmental Assessment Act.</p> <p>The Registry aims to help the public find information and records related to environmental assessments (EA) conducted under the Act. It also provides timely notice about the start of an EA and opportunities for public participation.</p>	<p>Available on the internet.</p> <p><b>Contact:</b> Canadian Environmental Assessment Agency 22nd Floor, Place Bell 160 Elgin Street Ottawa ON K1A 0H3 Tel.: 613-957-0700 Fax: 613-957-0862</p>	None	<a href="http://www.ceaa-acee.gc.ca/050/index_e.cfm">http://www.ceaa-acee.gc.ca/050/index_e.cfm</a>
<b>CANADIAN ENVIRONMENTAL SUSTAINABILITY INDICATORS DATABASE</b>	Environment Canada/Statistics Canada/Health Canada	All	<p>Canadians' health and their social and economic well-being are fundamentally linked to the quality of their environment. Recognizing this, in 2004 the Government of Canada committed to establishing national indicators of freshwater quality, air quality and greenhouse gas emissions. The goal of these new indicators is to provide Canadians with more regular and reliable information on the state of their environment and how it is linked with human activities.</p> <p>Environment Canada, Statistics Canada and Health Canada are working together to develop and communicate these indicators. Reflecting the joint responsibility for environmental management in Canada, this effort has benefited from the co-operation and input of the provinces and territories.</p> <p>The indicators in this first annual report are as follows: The air quality indicator tracks Canadians' exposure to ground-level ozone—a key component of smog and one of the most common and harmful air pollutants to which people are exposed. The greenhouse gas emissions indicator tracks the annual releases of the six greenhouse gases that are the major contributors to climate change. The indicator comes directly from the greenhouse gas inventory report prepared by Environment Canada for the United Nations Framework Convention on Climate Change and the Kyoto Protocol.</p> <p>The freshwater quality indicator reports the status of surface water quality at selected monitoring sites across the country. For this first report, the focus of the indicator is on the protection of aquatic life, such as plants, invertebrates and fish.</p>	<p>Broad information is available on the internet.</p> <p><b>Contact:</b> Environment Accounts and Statistics Division Statistics Canada Ottawa, Ontario K1A 0T6 Telephone: (613) 951-0297 Fax: (613) 951-0634 Email: <a href="mailto:environ@statcan.ca">environ@statcan.ca</a></p>	See website	<a href="http://www.statcan.ca/english/freepub/16-251-XIE/16-251-XIE2005000.htm">http://www.statcan.ca/english/freepub/16-251-XIE/16-251-XIE2005000.htm</a>

<p><b>CANADIAN HEALTH MEASURES SURVEY</b></p>	<p>Statistics Canada</p>	<p>All</p>	<p>The Canadian Health Measures Survey is a national survey that collects information from Canadians about their general health and lifestyles. Through interviews and the collection of some physical measurements, the survey will help us estimate the number of Canadians potentially at risk of developing certain diseases. It will also enable us to determine relationships between disease risk factors and health status, to explore emerging public health issues and to evaluate new measurement technologies.</p>	<p>Contact Statistics Canada.</p>	<p>Not stated</p>	<p><a href="http://www.statcan.ca/english/survey/household/measures/intro.htm">http://www.statcan.ca/english/survey/household/measures/intro.htm</a></p>
			<p>The Canadian Health Measures Survey will measure environmental exposures and lifestyle habits that are related to health and disease. This type of information cannot be found in hospital records or medical files. It has to be collected through physical measures of health.</p>			
			<p>The survey will be conducted in two phases: an interview at the household and a visit to a nearby mobile clinic. At the household, a Statistics Canada interviewer will ask general questions about health and lifestyle. At the clinic, fully trained health professionals will take direct physical measurements of health. First, anthropometric measures will be collected (such as height, weight, waist circumference). Second, we will measure cardiovascular fitness, muscular strength, endurance and flexibility. In this part of the survey, Statistics Canada will also collect blood and urine samples to measure cardiovascular health, nutritional status, infectious disease markers and environmental exposure to contaminants, such as lead. The information gathered through direct measures of health is essential to evaluate the true extent of problems associated with such major health concerns as obesity, hypertension and cardiovascular disease.</p>			
<p><b>CANADIAN INTEGRATED PUBLIC HEALTH SURVEILLANCE</b></p>	<p>Public Health Agency of Canada</p>	<p>All</p>	<p>CIPHS brings together a strategic alliance of public health and information technology professionals working collaboratively to build an integrated suite of computer and database tools specifically for use by Canadian public health professionals. These custom tools are being designed to support the systematic collection and collation of health surveillance data as a by-product of the normal work of public health professionals. The data will be used to support evidence-based public health decisions.</p>	<p>Broad information is available on the internet.</p>	<p>Not stated</p>	<p><a href="http://www.phac-aspc.gc.ca/php-ppsp/ciphs_e.html">http://www.phac-aspc.gc.ca/php-ppsp/ciphs_e.html</a></p>
			<p>CIPHS main components are the Public Health Information System (iPHIS) and the Laboratory Data Management System (LDMS).</p>			
<p><b>CANADIAN PERINATAL SURVEILLANCE</b></p>	<p>Public Health Agency of Canada</p>		<p>The Canadian Perinatal Surveillance System (CPSS) is part of Health Canada's initiative to strengthen national health surveillance capacity. The CPSS is an ongoing national health surveillance program delivered through the Maternal and Infant Health Section in the Public Health Agency of Canada (PHAC). Its mission is to contribute to improved</p>	<p>Available on the internet.</p>	<p>None</p>	<p><a href="http://www.phac-aspc.gc.ca/rhs-ssg/overview-apercu_e.html">http://www.phac-aspc.gc.ca/rhs-ssg/overview-apercu_e.html</a></p>
				<p><b>Contact:</b> Canadian Perinatal Surveillance System Maternal and Infant Health Section</p>		



<b>SYSTEM</b>			health for pregnant women, mothers and infants in Canada. The CPSS is guided by a multidisciplinary and multisectoral Steering Committee that provides guidance to the Maternal and Infant Health Section with respect to the development and operation of the CPSS. Steering Committee members include expert representatives of national health professional associations, the provincial and territorial governments, consumer and advocacy groups and federal government departments, as well as Canadian and international experts in perinatal health and epidemiology.	Health Surveillance & Epidemiology Division		
			The CPSS is based on the concept of health surveillance as a systematic, ongoing process that provides timely, relevant information about trends and patterns in the health status of a population and the factors that influence health status. The components of surveillance are data collection, expert analysis and interpretation, and response (communication of information for action).	Jeanne Mance Building # 19, 10th Floor, A.L. 1910C Tunney's Pasture Ottawa, Ontario K1A 0K9 e-mail: <a href="mailto:CPSS@hc-sc.gc.ca">CPSS@hc-sc.gc.ca</a> Internet: <a href="http://www.phac-aspc.gc.ca/rhs-ssg/">www.phac-aspc.gc.ca/rhs-ssg/</a>		
	Health Canada	All	The goal of this surveillance program, which collects information from a variety of databases, is to provide timely, reliable cancer statistics for use in publications and to respond to information requests; to monitor national cancer incidence, prevalence and mortality, using temporal geographic and high-risk population information, survival analysis, and projections; and to establish a nationwide and world class population-based cancer surveillance network.	Access to the data is restricted to Health Canada surveillance personnel.	Not stated	<a href="http://www.hc-sc.gc.ca/ewh-sent/pubs/eval/inventory-repertoire/cancercase_e.html">http://www.hc-sc.gc.ca/ewh-sent/pubs/eval/inventory-repertoire/cancercase_e.html</a>
<b>CANCER CASE SURVEILLANCE SYSTEM</b>			The Cancer Case Surveillance System collects data on cancer incidence, prevalence, and mortality, risk factors, epidemiology; hospital admission and discharge data; demographic data; geographic data. Geolocators: postal code; metropolitan area.	<b>Contact:</b> Robert Semenciw Surveillance and Risk Assessment Division Centre for Chronic Disease Prevention & Control Population and Public Health Branch Health Canada Tel: (613) 957-1768 Fax: (613) 941-2057 E-mail: <a href="mailto:Robert_Semenciw@hc-sc.gc.ca">Robert_Semenciw@hc-sc.gc.ca</a>		
	Natural Resources Canada	All	The Climate Change Impacts and Adaptation site provides information on the activities of the Program and links to useful information about climate impacts and adaptation both in Canada and globally. Information about projects funded by the program is accessible through the Climate Change Impacts and Adaptation Project Database.	Available on the Internet.	None	<a href="http://adaptation.nrcan.gc.ca/projdb/index_e.php">http://adaptation.nrcan.gc.ca/projdb/index_e.php</a>
<b>CLIMATE CHANGE IN CANADA – IMPACTS AND ADAPTATIONS PROJECT DATABASE</b>				<b>Contact:</b> Pamela Kertland Government of Canada, Natural Resources Canada, Earth Sciences Sector, Climate Change Impacts & Adaptation Directorate 601 Booth Street, 1st Floor, Room 115 Ottawa, Ontario, Canada K1A 0E8 Phone number: 613-943-0650 Fax number: 613-947-0126 Email: <a href="mailto:adaptation@nrcan.gc.ca">adaptation@nrcan.gc.ca</a>		
<b>DATABASE OF CLIMATE</b>	Northern Climate ExChange	All	The Northern Climate ExChange is a clearinghouse of climate change information for Northern Canada. Our mandate is to provide independent information, develop shared understanding and promote action on climate change.	Available on the internet	None	<a href="http://yukon.taiga.net/nce/infosources/">http://yukon.taiga.net/nce/infosources/</a>

CHANGE INFORMATION SOURCES						
<b>DIRECTORY OF SUBSTANCES AND THEIR EFFECTS DATABASE</b>	Royal Society of Chemistry	All	A web-based database based on the second edition of The Dictionary of Substances and their Effects (DOSE) published by the Royal Society of Chemistry. DOSE contains data on chemicals of environmental concern. DOSE Database is searchable by chemical name, formula, CAS Registry number, and keyword. Each entry includes information on chemical and physical properties, toxicity, environmental fate, legislation, etc	Available for purchase via the internet.	Fees apply	<a href="http://www.rsc.org/Publishing/CurrentAwareness/index.asp">http://www.rsc.org/Publishing/CurrentAwareness/index.asp</a>
<b>EARTH'S ENVIRONMENTAL EXPERTS DATABASE</b>	Aquatronics Ltd, a specialist aquatic survey and EIA consultancy based in the UK	All	<p>The 3E Database is sponsored and managed by Aquatronics Ltd, a specialist aquatic survey and EIA consultancy based in the UK. Aquatronics Ltd aims to find the best experts for contracts, wherever they are in the world. The 3E Database is a partial solution to that aim. Aquatronics Ltd specialise in ecological surveys of aquatic habitats and EIAs of projects that may impact on rivers, estuaries and coastal waters.</p> <p>The 3E Database contains details of experts and specialists in the following areas:</p> <p>Acoustics, Biology, Chemistry, Chemicals, Climate, Conservation, Contamination, Development, Ecology, Ecological Surveys, Economics, Energy, Engineering, Environment, Environmental Impact Assessment (EIA), Environmental Auditing, Fisheries, Forestry, Geography, Geology, GIS, Hazard &amp; Risk, Hydrology, Landscape, Modelling, Noise, Oceanography, Oil Spills, Oil Spill Contingency Planning, Pollution, Remote Sensing, Resources, Restoration, Sediments, Sensitivity Mapping, Sewage, Sociology, Sustainable Use, Taxonomy, Toxicology, Recycling, Waste, Water, Wetlands and Wildlife.</p>	Available on the internet	None	<a href="http://www.3eltd.com/db/isearch.epl">http://www.3eltd.com/db/isearch.epl</a>
<b>ENVIRONMENTAL CANCER RISK SURVEILLANCE SYSTEM</b>	Environment Canada	All	<p>The Environmental Cancer Risk Surveillance system stores data used to assess the risk of cancer from environment-related factors, and monitors known environmental risk factors. The goal is to establish a nationwide, population-based cancer risk assessment surveillance system and to ensure effective use of the data by providing national, provincial, and community-level information on cancer determinants. This information supports the development of policies (e.g., standards) and the implementation of recommended preventive measures.</p> <p>The ECRSS includes data on environmental risk factors for cancer (e.g., chlorination by-products); environmentally induced cancers; and cancer risk assessment. Data types: environmental; epidemiological; clinical; behavioural; risk factors.</p>	<p><b>Contacts</b>            Ken Johnson            Surveillance and Risk Assessment Division            Centre for Chronic Disease Prevention and Control            Population and Public Health Branch            Health Canada            Tel: (613) 957-0339            Fax: (613) 941-2057            E-mail: <a href="mailto:Ken_LCDC_Johnson@hc-sc.gc.ca">Ken_LCDC_Johnson@hc-sc.gc.ca</a>            Anne-MarieUgnat            [Affiliation same as above]            Tel: (613) 941-8498            Fax: (613) 941-2057</p>	Not stated	<a href="http://www.hc-sc.gc.ca/ewh-semt/pubs/eval/inventory-repertoire/cancerrisk_e.html">http://www.hc-sc.gc.ca/ewh-semt/pubs/eval/inventory-repertoire/cancerrisk_e.html</a>

<b>DAIN METADATABASE OF INTERNET RESOURCES FOR ENVIRONMENTAL CHEMICALS</b>	University of Kassel	All	This resource is designed to help you finding relevant databases for environmental chemicals worldwide. You can search our database by name or by subject. The subject search provides several structured search formats.	E-mail: <a href="mailto:Anne-Marie_Ugnat@hc-sc.gc.ca">Anne-Marie Ugnat@hc-sc.gc.ca</a>	Available on the internet.	None	<a href="http://www.wiz.uni-kassel.de/dain/">http://www.wiz.uni-kassel.de/dain/</a>
<b>ENVIRONMENTAL MONITORING INVENTORY DATABASE</b>	Environment Canada	Water, Food, Air Quality	The goal of the Environmental Monitoring Inventory Database is to create an inventory of all the environmental monitoring activities conducted by Environment Canada in order to generally improve the management of toxic substances by the federal government.  The inventory includes databases which monitor outdoor air quality, water quality (excluding drinking water), soil contaminants, domestic, industrial and farm pesticides, hazardous waste, contaminated sites, and climate and weather hazards. There are also data on wildlife programs and water quantity programs. Geolocators: geo-coordinates.	Access is currently limited to a small group of Environment Canada staff, but will eventually be made publicly available through the Internet.  <b>Contacts:</b> Donald (Don) Andersen Science Liaison and Integration Office Environmental Quality Branch Environment Canada Tel: (819) 953-7919 E-mail: <a href="mailto:Donald.Andersen@ec.gc.ca">Donald.Andersen@ec.gc.ca</a> Sandra Luz [Affiliation same as above] Tel: (819) 997-2721 E-mail: <a href="mailto:Sandra.Luz@ec.gc.ca">Sandra.Luz@ec.gc.ca</a>	Access is currently limited to a small group of Environment Canada staff, but will eventually be made publicly available through the Internet.	Not stated	<a href="http://www.hc-sc.gc.ca/ewh-semt/pubs/eval/inventory-repertoire/emi_e.html">http://www.hc-sc.gc.ca/ewh-semt/pubs/eval/inventory-repertoire/emi_e.html</a>
<b>FICHER DES TUMEURS DU QUÉBEC</b>	Direction générale de la santé publique, Ministère de la Santé et des Services Sociaux (MSSS)	All	The database is a centralized system used to collect data on all new cancer cases reported annually in the province of Québec. The data are used for cancer surveillance, program evaluation, and epidemiologic research.  The database contains provincial, regional, and municipal data on all new cancer cases reported annually in the Québec population. Data types: epidemiologic, geographic, demographic. Person-level data with identifiers. Personal data: surname and given name, identification number, health insurance number, medical file number, name of father, name of mother, date of birth, sex, RCC identification, place of birth, unique identification number assigned by the Canadian Cancer Registry. Geolocators: municipal codes, postal codes, CLSC of residence (RSS-CLSC), hospital code, care section, CLSC of the hospital.	The main users of the information in the database are participants / interveners in the Québec health and social services network, regional public health branches, and university and hospital-based researchers. Only those responsible for upkeep of the databank have direct access to data. Protocol for use or release of the data falls under the regulations of the Commission d'accès à l'information du Québec.  <b>Contact:</b> Michel Beaupré Pilote d'orientation Direction générale de la santé publique Ministère de la Santé et des Services Sociaux 1075, chemin. Ste-Foy, 3 <sup>ième</sup> étage Québec, QC G1S 2M1 Tel: (418) 266-6739 E-mail: <a href="mailto:michel.beaupre@msss.gouv.qc.ca">michel.beaupre@msss.gouv.qc.ca</a>	The main users of the information in the database are participants / interveners in the Québec health and social services network, regional public health branches, and university and hospital-based researchers. Only those responsible for upkeep of the databank have direct access to data. Protocol for use or release of the data falls under the regulations of the Commission d'accès à l'information du Québec.	Not stated	<a href="http://www.hc-sc.gc.ca/ewh-semt/pubs/eval/inventory-repertoire/fichier_e.html">http://www.hc-sc.gc.ca/ewh-semt/pubs/eval/inventory-repertoire/fichier_e.html</a>  <a href="http://msssa4.msss.gouv.qc.ca/santpub/tumeurs.nsf/cat?OpenView">http://msssa4.msss.gouv.qc.ca/santpub/tumeurs.nsf/cat?OpenView</a>

<b>GIS FOR PUBLIC HEALTH PRACTICE</b>	Public Health Agency of Canada	All	<p>To increase the GIS capacity of public health professionals in Canada the Office of Public Health Practice provides GIS services tailored to their needs. We work with Canadian public health professionals at federal, provincial/territorial, regional, and local levels, as well as non-government organizations (NGOs) and academic research groups. To support the spatial information needs of evidence-based public health planning and research in areas such as chronic and infectious disease prevention and control, health promotion, surveillance, emergency preparedness and response, and pandemic outbreaks we offer:</p> <ul style="list-style-type: none"> <li>• No cost access to data</li> <li>• Intuitive and easy to use tools</li> <li>• Support and training</li> <li>• Partnership and collaboration</li> </ul> <p>In addition to national support and collaboration, we undertake research relevant to Canadian Public Health GIS and foster links to the international Public Health GIS community.</p>	Broad information is available on the internet.	None	<p><a href="http://www.phac-aspc.gc.ca/php-ppsp/gis_e.html">http://www.phac-aspc.gc.ca/php-ppsp/gis_e.html</a></p> <p><a href="http://www.phac-aspc.gc.ca/php-ppsp/pdf/2005_brochure_gis_e.pdf">http://www.phac-aspc.gc.ca/php-ppsp/pdf/2005_brochure_gis_e.pdf</a></p>
<b>GREENHOUSE GAS INVENTORY</b>	Environment Canada	All	<p>As a signatory to the United Nations Framework Convention on Climate Change (UNFCCC) Canada is obliged to submit an inventory of its GHG emissions on an annual basis.</p> <p>Using an internationally agreed-to format, the Inventory monitors six gases: carbon dioxide (CO<sub>2</sub>) methane (CH<sub>4</sub>), nitrous oxide (N<sub>2</sub>O), sulphur hexafluoride (SF<sub>6</sub>), perfluorocarbons (PFCs) and hydrofluorocarbons (HFCs) and provides an analysis of the factors underlying the trends in emissions since 1990. Emissions and removals are grouped into six sectors: Energy; Industrial Processes; Solvent and Other Product Use; Agriculture; Land Use, Land-Use Change and Forestry, and: Waste.</p>	<p>Available on the internet.</p> <p><i>Note: this database is currently in the process of being upgraded and access has been temporarily suspended (November 13, 2007).</i></p> <p><b>Contact:</b> Greenhouse Gas Division, Environment Canada Place Vincent Massey, 19th Floor 351, St. Joseph Boulevard Gatineau, QC K1A 0H3 Email: <a href="mailto:ghg@ec.gc.ca">ghg@ec.gc.ca</a></p>	None	<p><a href="http://www.ec.gc.ca/pdb/ghg/inventory_e.cfm">http://www.ec.gc.ca/pdb/ghg/inventory_e.cfm</a></p> <p><a href="http://www.ec.gc.ca/pdb/ghg/query/index_e.cfm">http://www.ec.gc.ca/pdb/ghg/query/index_e.cfm</a></p>
<b>INTEGRATED RISK INFORMATION SYSTEM (IRIS)</b>	US Environmental Protection Agency	All	<p>IRIS is a database of human health effects that may result from exposure to various substances found in the environment. IRIS was initially developed for EPA staff in response to a growing demand for consistent information on chemical substances for use in risk assessments, decision-making and regulatory activities. The information in IRIS is intended for those without extensive training in toxicology, but with some knowledge of health sciences.</p>	<p>Available on the internet.</p> <p><b>Contact:</b> U.S. EPA Risk Information Hotline at Tel: (202)566-1676, Fax: (202)566-1749, <a href="mailto:hotline.iris@epa.gov">hotline.iris@epa.gov</a>.</p>	None	<p><a href="http://www.epa.gov/iris/">http://www.epa.gov/iris/</a></p>
				<p>IRIS Hotline c/o EPA Docket Center, Mail Code 28221T EPA-West Building 1301 Constitution Avenue NW Washington, DC 20005</p>		

<b>LOTUS NOTES R5 DATABASE (BRITISH COLUMBIA)</b>	Multiple	Food, Air Quality, Water	<p>The purpose of this database is to collect and store data on environmental inspections and permit approvals.</p> <p>The database contains provincial data on indoor air quality, drinking water quality, other water quality, food contaminants, hazardous waste, contaminated sites, and human waste. Geolocators: municipal codes, postal codes, longitudinal or latitudinal coordinates, land title, legal description.</p>	<p>The main users of the information in the database are administrative support personnel, officers, managers, vendors, and Health Space Solutions.</p>	Not stated	<a href="http://www.hc-sc.gc.ca/ewh-semt/pubs/eval/inventory-repertoire/lotus_e.html">http://www.hc-sc.gc.ca/ewh-semt/pubs/eval/inventory-repertoire/lotus_e.html</a>
<b>MAPPING FEDERAL-PROVINCIAL MINING KNOWLEDGE</b>	Natural Resources Canada, Minerals and Metals Sector	All	<p>Thematic mapping allows data visualization and provides a better understanding of the data using spatial distribution. The Mapping Federal-Provincial Mining Knowledge web site is a tool where it is possible to visualize and overlay different layers of information. The themes used include: Nova Scotia mineral occurrences, smelters, aboriginal communities, promising new mines (1999-2002), exploration projects, producing mines (1999), deposits, resource-dependent communities, ecumene, geological provinces, and watersheds.</p> <p>Note: Users will see a difference between number of map layers offered on the English and French web sites. Development of layers is continuing.</p>	<p><b>Contact:</b> Kosta Kokkinos Government of Canada, Natural Resources Canada, Minerals and Metals Sector, Minerals and Mining Statistics Division 580 Booth St., 9th floor Ottawa, Ontario, Canada K1A 0E4 Tel: 613-996-8209 Fax: 613-992-5565 Email: <a href="mailto:kkokkino@nrcan.gc.ca">kkokkino@nrcan.gc.ca</a></p>	Contact Natural Resources Canada	<a href="http://mmsd1.mms.nrcan.gc.ca/maps/">http://mmsd1.mms.nrcan.gc.ca/maps/</a>
<b>National ENVIRONMENTAL MONITORING OF RADIONUCLIDES</b>	Health Canada	Food, Air Quality, Water	<p>The purpose of this database is to record and maintain data on radionuclides in environmental and food samples from across the country. This database is a health surveillance system with the aim of minimizing radiation exposure in Canadians.</p> <p>The database includes national data on radionuclides (ionizing radiation) in outdoor air, precipitation, drinking water, and in food. Data types: contaminant levels in media; radiological; geographic.</p>	<p>Only staff in the Environmental Radiation Hazards Division (Health Canada) have direct access to the data. The main users of the information in the database are staff in the Division's National Monitoring Section. Security protocols restricting access to the database are in place; a user name and password are required.</p>	Not stated	<a href="http://www.hc-sc.gc.ca/ewh-semt/pubs/eval/inventory-repertoire/radionuclides_e.html">http://www.hc-sc.gc.ca/ewh-semt/pubs/eval/inventory-repertoire/radionuclides_e.html</a>
<p><b>Contacts:</b> Sonia Johnson Head, National Monitoring Section Environmental Radiation Hazards Division Radiation Protection Bureau Safe Environments Programme Healthy Environments and Consumer Safety Branch Health Canada 775 Brookfield Rd.</p>						

				Ottawa, ON K1A 1C1 Tel: (613) 954-6677 E-mail: <a href="mailto:sonia_johnson@hc-sc.gc.ca">sonia_johnson@hc-sc.gc.ca</a> Wendy Hunt Technologist, National Monitoring Section [Address same as above] Tel: (613) 954-6663 E-mail: <a href="mailto:wendy_hunt@hc-sc.gc.ca">wendy_hunt@hc-sc.gc.ca</a>		
<b>MAJOR CHRONIC DISEASE SURVEILLANCE ON-LINE</b>	Public Health Agency of Canada	All	This website provides the most current major chronic diseases statistics in Canada. You will be able to look at trends in major chronic diseases mortality by province and territory, by age group, over time, and for many different chronic diseases. Both graphs and tables will be displayed and instructions will be available for downloading the information to your personal computer.	Available on the internet.	None	<a href="http://dsol-smed.phac-aspc.gc.ca/dsol-smed/mcd-smcm/index.html">http://dsol-smed.phac-aspc.gc.ca/dsol-smed/mcd-smcm/index.html</a>  <a href="http://www.phac-aspc.gc.ca/dsol-smed/">http://www.phac-aspc.gc.ca/dsol-smed/</a>
<b>NOTIFIABLE DISEASES ON-LINE</b>	Public Health Agency of Canada	All	Notifiable Diseases On-Line is a web based application developed by the Centre for Infectious Disease Prevention and Control of the Public Health Agency of Canada to enhance dissemination of surveillance data collected on notifiable diseases in Canada. The application contains information on the number of cases reported for several of the notifiable diseases as well as their rate in the population. The data are available for each province and territory for each year starting at 1989 up to the end of 2004.	Available on the internet.	None	<a href="http://dsol-smed.phac-aspc.gc.ca/dsol-smed/ndis/index_e.html">http://dsol-smed.phac-aspc.gc.ca/dsol-smed/ndis/index_e.html</a>
<b>NATIONAL PCB INVENTORY</b>	Environment Canada	All	Environment Canada has been mandated by the Canadian Council of Ministers of the Environment (CCME) since 1989 to prepare an annual summary report on the status of the national PCB inventory.	Available on the internet.  <b>Contact:</b> WASTE REDUCTION AND MANAGEMENT DIVISION Public and Resources Sectors Directorate Place Montcalm, 70 Crémazie St., 6th floor Gatineau, Québec, K1A 0H3 (819) 997-3377	None	<a href="http://www.ec.gc.ca/wmd-dgd/default.asp?lang=En&amp;n=13426772-1">http://www.ec.gc.ca/wmd-dgd/default.asp?lang=En&amp;n=13426772-1</a>
<b>NATIONAL POPULATION HEALTH SURVEY: HOUSEHOLD COMPONENT – CROSS-SECTIONAL</b>	Statistics Canada	All	The NPHS collects information related to the health of the Canadian population and related socio-demographic information. It is composed of three components: the Household, the Health Institutions, and the North components.  The objectives of the NPHS are to: <ul style="list-style-type: none"> <li>• aid in the development of public policy by providing measures of the level, trend and distribution of the health status of the population;</li> <li>• provide data for analytic studies that will assist in understanding the determinants of health;</li> <li>• collect data on the economic, social, demographic, occupational and environmental correlates of health;</li> <li>• increase the understanding of the relationship between health</li> </ul>	<ul style="list-style-type: none"> <li>• Internet access for general information;</li> <li>• A public version of the file is available through the Data Liberation Initiative;</li> <li>• Access to information through the DLI is available to faculty and students at universities that have paid a subscription fee.</li> </ul>	Subscription fee applies	<a href="http://www.statcan.ca/cgi-bin/imdb/p2SV.pl?Function=getSurvey&amp;SDDS=3236&amp;lang=en&amp;db=IMDB&amp;dbg=f&amp;adm=8&amp;dis=2">http://www.statcan.ca/cgi-bin/imdb/p2SV.pl?Function=getSurvey&amp;SDDS=3236&amp;lang=en&amp;db=IMDB&amp;dbg=f&amp;adm=8&amp;dis=2</a>

<p><b>NATIONAL POPULATION HEALTH SURVEY: HOUSEHOLD COMPONENT – LONGITUDINAL</b></p>	<p>Statistics Canada</p>	<p>All</p>	<p>status and health care utilization, including alternative as well as traditional services;</p> <ul style="list-style-type: none"> <li>• provide information on a panel of people who will be followed over time to reflect the dynamic process of health and illness;</li> <li>• provide the provinces and territories and other clients with a health survey capacity that will permit supplementation of content or sample;</li> <li>• allow the possibility of linking survey data to routinely collected administrative data such as vital statistics, environmental measures, community variables, and health services utilization.</li> </ul> <p>This survey became part of the Canadian Community Health Survey (number 3226) for reference year 2000.</p>	<p>The objectives of the NPHS are to:</p> <p>aid in the development of public policy by providing measures of the level, trend and distribution of the health status of the population;</p> <ul style="list-style-type: none"> <li>• provide data for analytic studies that will assist in understanding the determinants of health;</li> <li>• collect data on the economic, social, demographic, occupational and environmental correlates of health;</li> <li>• increase the understanding of the relationship between health status and health care utilization, including alternative as well as traditional services;</li> <li>• provide information on a panel of people who will be followed over time to reflect the dynamic process of health and illness;</li> <li>• provide the provinces and territories and other clients with a health survey that will permit supplementation of content or sample (due to the longitudinal nature of NPHS the sample option is no longer available; CCHS is now providing this possibility);</li> <li>• allow the possibility of linking survey data to routinely collected administrative data such as vital statistics, environmental measures, community variables, and health services utilization.</li> </ul>	<ul style="list-style-type: none"> <li>• Internet access for general information;</li> <li>• A public version of the file is available through the Data Liberation Initiative;</li> <li>• Access to information through the DLI is available to faculty and students at universities that have paid a subscription fee.</li> </ul>	<p>Subscription fee applies</p>	<p><a href="http://www.statcan.ca/cgi-bin/imdb/p2SV.pl?Function=getSurvey&amp;SDDS=3225&amp;lang=en&amp;db=IMDB&amp;dbg=f&amp;adm=8&amp;dis=2">http://www.statcan.ca/cgi-bin/imdb/p2SV.pl?Function=getSurvey&amp;SDDS=3225&amp;lang=en&amp;db=IMDB&amp;dbg=f&amp;adm=8&amp;dis=2</a></p>
<p><b>NATIONAL SEALED SOURCE REGISTRY/SEALED SOURCE TRACKING SYSTEM</b></p>	<p>Canadian Nuclear Safety Commission</p>	<p>All</p>	<p>The Canadian Nuclear Safety Commission manages Canada’s national inventory of high-risk radioactive sealed sources. The National Sealed Source Registry (NSSR) helps the CNSC track the locations of all high-risk radioactive sealed sources in Canada and increases the security and safety of those sources.</p> <p>The Sealed Source Tracking System (SSTS) is an electronic add-on to the NSSR that provides licensees with a more convenient and efficient way to report any movement of sealed sources.</p>	<p>Only CNSC licensees who are authorized to possess high-risk sealed sources can use this system. These licensees must obtain an authorization code from their CNSC licensing officer.</p>	<p>Not stated</p>	<p><a href="http://www.nuclearsafety.gc.ca/eng/resource/e_services/ssts/">http://www.nuclearsafety.gc.ca/eng/resource/e_services/ssts/</a></p>	

<b>SPATIAL DATA WAREHOUSE</b>	Health Canada	All	<p>High-risk sealed sources contain potentially dangerous radioactive material. If these sealed sources are misused, misplaced or abandoned, injuries and fatalities can occur.</p> <p>Closely monitoring the movement of sealed sources through a national registry complies with the International Atomic Energy Agency's (IAEA) Code of Conduct on the Safety and Security of Radioactive Sources. This Code aims to enhance the safety and security of radioactive sources internationally.</p> <p>The Geographic information System (GIS) infrastructure developed by Health Canada's Centre for Surveillance Coordination (CSC) supports the spatial information needs of CSC projects, epidemiologists, regional surveillance and public health programs, etc. Does not collect any data, but purchases datasets from, e.g., Statistics Canada, and loads them into the warehouse. These datasets must have a geographic reference (e.g., postal code).</p> <p>The information may be used to visualize and analyze notifiable disease reports, infectious outbreaks, risks, research issues, and desired effects of program interventions, by linking data from different surveillance databases and public health information systems where their common reference points are geographic locations. GIS layers population demographics, political and administrative boundaries and environmental factors on a series of maps to support evidence-based planning.</p> <p>The Spatial Data Warehouse contains datasets from other sources (e.g., Statistics Canada), which include data on notifiable diseases, risks, research issues, and desired effects of program interventions</p>	<p>Access to the data is restricted to individuals designated in the Network for Health Surveillance in Canada, and requires authorization from the GIS infrastructure. User authentication is controlled through F Secure SSH. An OGD (Open Geospatial Datastore Interface) or OGC plug-in for the GIS software is required to communicate with the warehouse and allow for downloading of data. An end-user agreement restricts use and disclosure of data.</p> <p><b>Contacts</b>          David A. Lewis          Research and Technology Division          Centre for Surveillance Coordination          Population and Public Health Branch          Health Canada          Tel: (613) 946-0451          Fax: (613) 957-6218          E-mail : <a href="mailto:David_A_Lewis@hc-sc.gc.ca">David_A_Lewis@hc-sc.gc.ca</a>          Kara Lintell          [Affiliation same as above]          Tel: (613) 946-4816          Fax: (613) 957-6218          E-mail: <a href="mailto:Kara_Lintell@hc-sc.gc.ca">Kara_Lintell@hc-sc.gc.ca</a></p>	Not stated	<a href="http://www.hc-sc.gc.ca/ewh-semt/pubs/eval/inventory-repertoire/sdw_e.html">http://www.hc-sc.gc.ca/ewh-semt/pubs/eval/inventory-repertoire/sdw_e.html</a>
<b>STATE OF THE ENVIRONMENT INFOBASE</b>	Environment Canada	All	<p>The State of the Environment (SOE) Infobase was originally developed in 1996 as an interactive and convenient mechanism for presenting a number of environmental reporting products and tools, including The State of Canada's Environment — 1996 and Canada's National Environmental Indicators Series 2003. The Infobase grew and developed to include one-window access to federal State of Environment Reports and other environmental information tools and products. The Knowledge Integration Strategies Division, within Environment Canada, houses the Infobase and initiates some of the programs presented on the site or collaborates with many other partners</p>	<p>Available on the internet.</p> <p><b>Contact:</b>          Knowledge Integration Strategies Division          Environment Canada          70 Crémazie Street, 7th floor          Gatineau, Quebec K1A 0H3          Fax: (819) 994-5738          soeadmin@ec.gc.ca.</p>	None	<a href="http://www.ec.gc.ca/soer-ree/English/about.cfm">http://www.ec.gc.ca/soer-ree/English/about.cfm</a>



to provide the information and tools that are presented here. The Infobase is the means by which the Office conveys scientific information on the environment in an understandable way and in a form that can be useful to the public, policy-makers, researchers, and educators and students. The Knowledge Integration Strategies Division undertakes and sponsors research and development on new ways of aggregating, selecting, and presenting information that are relevant and meaningful.

The work is part of the total environmental information system, including environmental monitoring and research in the environmental sciences, which comprise the critical source-material. Knowledge Integration Strategies Division works closely with environmental scientists and environmental monitoring programs to ensure there is feedback and that the indicators, reports and tools are based on the best available understanding, data, and information. The work housed and presented here is also related to a range of other environmental and sustainability reporting and indicator programs in Canada and internationally.

**TOOL FOR THE REDUCTION AND ASSESSMENT OF CHEMICAL AND OTHER ENVIRONMENTAL IMPACTS (TRACI)**

US  
Environmental Protection Agency

All

The U.S. EPA has developed TRACI, the Tool for the Reduction and Assessment of Chemical and other environmental Impacts to assist in impact assessment for Sustainability Metrics, Life Cycle Assessment, Industrial Ecology, Process Design, and Pollution Prevention.

To develop TRACI, impact categories were selected, available methodologies were reviewed, and categories were prioritized for further research. During the impact assessment methodology research phase, consistency with previous modeling assumptions (especially of the U.S. EPA) was important for every category. The human health cancer and non-cancer categories were heavily based on the assumptions made for the U.S. EPA Risk Assessment Guidance for Superfund and the U.S. EPA's Exposure Factors Handbook. For categories such as acidification and smog formation, detailed US empirical models, such as those developed by the US National Acid Precipitation Assessment Program and the California Air Resources Board, allowed the inclusion of the more sophisticated location specific approaches and location specific characterization factors. When there was no EPA precedent, assumptions and value choices were minimized by the use of midpoints.

Available on the internet.

None

<http://www.epa.gov/nrmrl/std/sab/traci/>

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