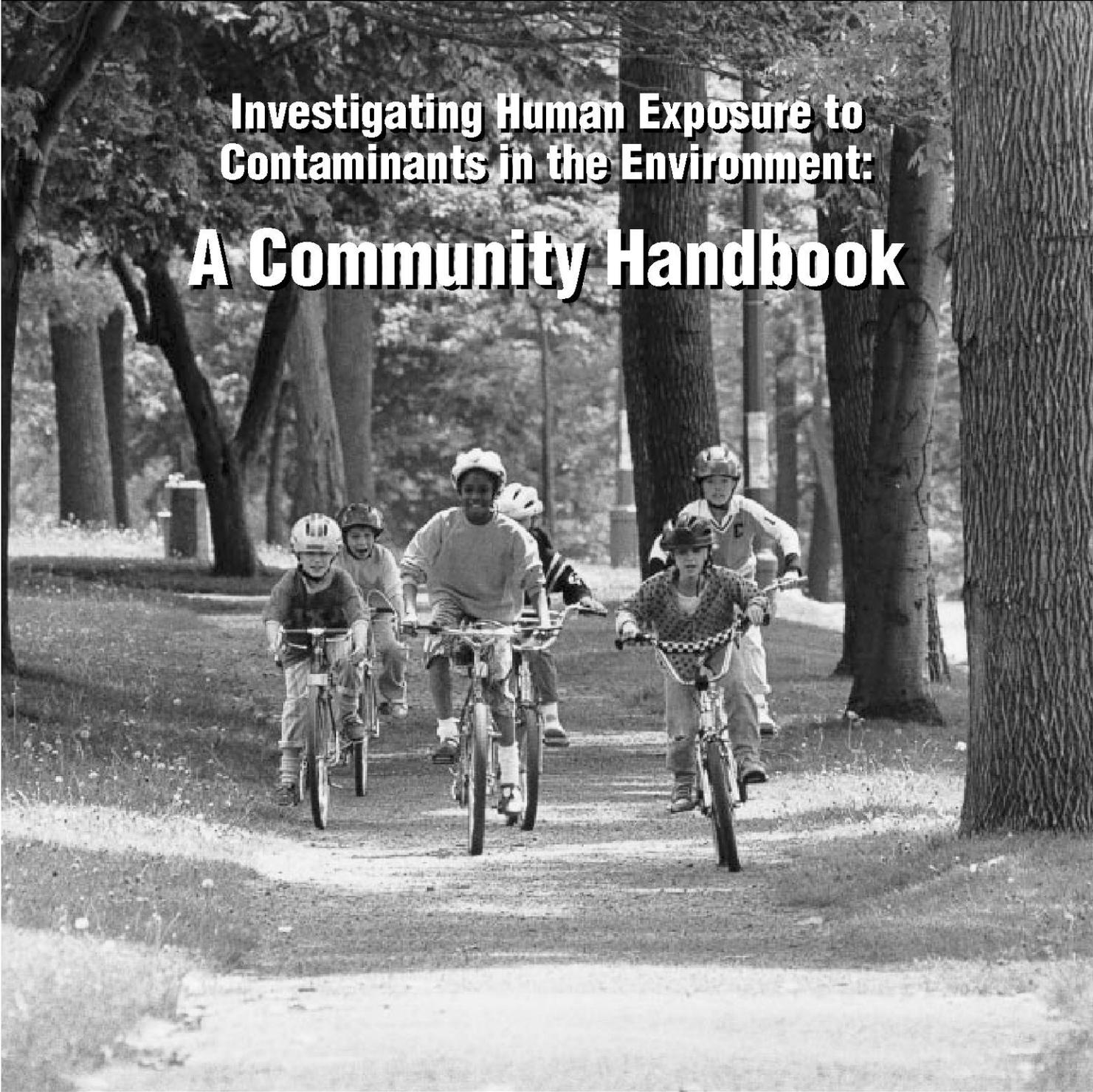




Health
Canada

Santé
Canada

A black and white photograph of a group of children riding bicycles on a dirt path in a park. The children are wearing helmets and are smiling. The path is lined with trees, and the background is slightly blurred, suggesting a natural outdoor setting.

Investigating Human Exposure to Contaminants in the Environment: A Community Handbook

This document has been divided into a series of files for easier downloading from our web site.

Part 4 of 4

Canada

Investigating Human Exposure to
Contaminants in the Environment:

A Community Handbook

PART C: INFORMATION SOURCES

1. SELECTED BIBLIOGRAPHY

The Ontario Ministry of Environment and Energy (OMOEE) publishes the Guide to Eating Ontario Sport Fish every two years. The guide contains consumption advice on species from different locations throughout Ontario. The guide is available from fishing licence outlets, fishing and hunting stores, beer stores or any Ontario Ministry of Natural Resources or OMOEE office. For more information call 1-800-820-2716.

1.1 Great Lakes

Biennial Reports of the Water Quality Board and the Science Advisory Board to the International Joint Commission. International Joint Commission, United States and Canada, Windsor.

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Toxic Chemicals in the Great Lakes and Associated Effects. 1991. Volumes I, II and Synopsis. Environment Canada, Department of Fisheries and Oceans and Health and Welfare Canada. Catalogue number: En 37-95/1990-1E (Volumes I and II), En 37-94/1990E (Synopsis).

1.2 Environmental Contaminants and Human Health - General

Health Canada. Health Protection Branch: Issues.

1989. *Lead and Human Health*;

1989. *Aluminum and Human Health*;

1989. *PCBs and Human Health*;

1990. *Dioxins and Furans*;

1991. *Food Chemical Contaminants - Assessing Health Risks*;

1992. *Smog and Your Health*;

1993. *Recreational Water Quality*.

Health Canada. 1993. *Health Risk Determination: The Challenge of Health Protection*. Health Protection Branch. Catalogue number: H49-40/1993E.

Health and Welfare Canada. 1992. *A Vital Link: Health and the Environment in Canada*. Health and Welfare Canada. Catalogue number: H21-112/1992E.

Amdur M.O., Doull J, Klaassen C.D. (eds). 1991. *Casarett and Doull's Toxicology: The Basic Science of Poisons*, 4th ed. Pergamon Press, New York.

Last, J. 1987. *Public Health and Human Ecology*. Appleton and Lange, Norwalk, Conn..

Health Canada - Publications of the Federal Department of Health (guide) 1994 is available from:

Health Canada - Publications
Mailstop 0913 A
Brooke Claxton Building
Tunney's Pasture
Ottawa, Ontario K1A 0K9
Tel: (613) 954-5995

1.3 Assessing Human Exposure

Agency for Toxic Substances and Diseases Registry (ATSDR). 1990. *Clues to Unravelling the Association Between Illness and Environmental Exposure*. Continuing Education Institute, American Public Health Association.

Agency for Toxic Substances and Diseases Registry (ATSDR). 1992. *Public Health Assessment Guidance Manual*. Lewis Publishers, Michigan.

Environmental Epidemiology Training Project, Environmental Epidemiology and Toxicology Branch, California Department of Health Services. 1990. *Investigating Non-Infectious Disease Clusters*.

Environmental Protection Office, Department of Public Health, City of Toronto. 1991. *Determining the Human Health Risks of Environmental Chemicals*.



Health Canada. *Investigating Human Exposure to Contaminants in the Environment: A Handbook for Exposure Calculations*. 1995. Great Lakes Health Effects Program, Health Protection Branch.

National Research Council. 1983. *Risk Assessment in the Federal Government - Managing the Process*. National Academy Press, Washington, D.C.

Office of Management and Information Systems, Department of Management and Budget, State of Michigan. 1985. *Citizen's Guide for Community Health Studies*. Prepared for the Michigan Toxic Substance Control Commission.

Paustenbach D. J. (ed.). 1989. *The Risk Assessment of Environmental and Human Health Hazards: A Textbook of Case Studies*. John Wiley and Sons, Toronto.

1.4 Community Action

Barnsley J. 1992. *Research for Change: Participatory Action Research for Community Groups*. Women's Research Centre, Vancouver.

International Institute of Concern for Public Health. 1994. *Health 2000: A Guide for the Community Seeking to Undertake a Health Survey*. Toronto.

Legator M.S. and Strawn S.F. (eds.). 1993. *Chemical Alert! A Community Action Handbook*. University of Texas Press, Austin.

2. RESOURCES AND CONTACTS

2.1 Federal Government

Atmospheric Environment Service
Environment Canada
4905 Dufferin Street
Downsview, Ontario M3H 5T4
Tel: (416) 739-4826

Health Statistics Division
Statistics Canada
R.H. Coats Building
Tunney's Pasture
Ottawa, Ontario K1A 0T6
Tel: (613) 951-1746 (Information Enquiries)

Canadian Wildlife Service
Environment Canada
Place Vincent Massey
351 St Joseph Blvd.
Hull, Quebec K1A 0H3
Tel: (819) 997-1095

Environmental Radiation Hazards Division
Radiation Protection Bureau
Health Canada
775 Brookfield Road, Confederation Heights
Ottawa, Ontario K1A 1C1
Tel: (613) 954-6671

Great Lakes Environment Office
Conservation and Protection
Environment Canada
25 St. Clair Avenue East, Suite 600
Toronto, Ontario M4T 1M2
Tel: (416) 973-8632

Great Lakes Health Effects Program
Health Canada
Main Building, Room 1108
Tunney's Pasture, 0301 A1
Ottawa, Ontario K1A 0K9
Tel: (613) 957-1876

Food Directorate
Health Canada
Health Protection Building
Tunney's Pasture
Ottawa, Ontario K1A 0L2
Tel: (613) 957-1821

Laboratory Centre for Disease Control
Health Canada
LCDC Building
Tunney's Pasture
Ottawa, Ontario K1A 0L2
Tel: (613) 957-0316

Monitoring and Criteria Division (Hazardous
Wastes)
Bureau of Chemical Hazards
Health Canada
Room 126, Environmental Health Centre
Tunney's Pasture
Ottawa, Ontario K1A 0L2
Tel: (613) 957-3128

Pesticides Information Division
Agriculture and Agri-Food Canada
59 Camelot Drive
Nepean, Ontario K1A 0Y9
Tel: 1-800-267-6315 (Pesticides Information
Call-Line)

Workplace Hazardous Materials Information
Systems (WHMIS)
Product Safety Bureau
Health Canada
17th floor, Zone 2
Place du Portage, Phase 1
50 Victoria Street
Hull, Quebec K1A 0C9
Tel: (819) 953-2035

2.2 Provincial Government (Ontario)

Environmental Health and Toxicology Unit
Ontario Ministry of Health
5700 Yonge Street, 8th floor
North York, Ontario M2M 4K2
Tel: (416) 327-7427

Great Lakes Section
Ontario Ministry of Environment and Energy
125 Resources Road
Etobicoke, Ontario M9P 3V6
Tel: (416) 235-6222

Hazardous Contaminants Coordination
Branch
Ontario Ministry of Environment and Energy
135 St. Clair Avenue West
Toronto, Ontario M4V 1P5
Tel: (416) 323-5095

Ontario Ministry of Environment and Energy
Public Inquiries Centre
135 St. Clair Avenue West, 1st floor
Toronto, Ontario M4V 1P5
Tel: (416) 323-4231 or 1-800-565-4923

Ontario Ministry of Natural Resources
Public Information Centre
900 Bay Street, Room 1-M73
McDonald Block
Toronto, Ontario M7A 2C1
Tel: (416) 314-2000

2.3 Municipal Government

Local Commissioner of Planning and Public Works

Address: _____

Tel: _____

Local Environment Office

Address: _____

Tel: _____

Address: _____

Tel: _____

Local Sewage Treatment Plant

Address: _____

Tel: _____

Other Local Contacts

Address: _____

Tel: _____

2.4 Academic Institutions

Institute of Environment and Health

1. McMaster University
Dept. of Geography
1280 Main Street West
Hamilton, Ontario L8S 4K1
Tel: (905) 525-9140 x 27344
2. University of Toronto
Haultain Building
170 College Street, Room 204
Toronto, Ontario M5S 1A4
Tel: (416) 978-6925

Queen's University
Department of Community Health and
Epidemiology
Abramsky Hall, 3rd floor
Kingston, Ontario K7L 3N6
Tel: (613) 545-2901

Ryerson Polytechnical University
School of Environmental Health
350 Victoria Street
Toronto, Ontario M5B 2K3
Tel: (416) 979-5154

University of Guelph
Faculty of Environmental Sciences
Blackwood Hall, Room 101
Guelph, Ontario N1G 2W1
Tel: (519) 824-4120

2.5 Agencies and Associations

Agency for Toxic Substances and Diseases
Registry (USA)
Department of Health and Human Services
1600 Clifton Road
Atlanta, Georgia 30333
Tel: (404) 639-6206

Canadian Centre for Occupational
Health and Safety
250 Main Street East
Hamilton, Ontario L8N 1H6
Tel: (1-800) 263-8466

University of Ottawa
Faculty of Medicine
Department of Community Medicine
451 Smyth Road, Room 3231C
Ottawa, Ontario K1H 8M5
Tel: (613) 787-6480

University of Toronto
Institute for Environmental Studies
170 College Street, Haultain Building
Toronto, Ontario M5S 1A4
Tel: (416) 978-2994

University of Waterloo
Faculty of Environmental Studies
Waterloo, Ontario N2L 3G1
Tel: (519) 885-1211 x 3463

University of Western Ontario
Faculty of Medicine
Department of Family Medicine
Kresge Building, Room K101
London, Ontario N6A 5C1
Tel: (519) 661-2037

York University
Faculty of Environmental Studies
355 Lumbers Building
4700 Keele Street
North York, Ontario M3J 1P3
Tel: (416) 736-5252

Canadian Environmental Law Association
517 College Street, Suite 401
Toronto, Ontario M6G 4A2
Tel: (416) 960-2284

Canadian Institute for Health Information
250 Ferrand Drive, 5th floor
Box 3900
Don Mills, Ontario M3C 2T9
Tel: (416) 429-0464



Canadian Institute of Public
Health Inspectors
38 Auriga Drive, Suite 201
Nepean, Ontario K2E 8A5
Tel: (613) 224-7568

Canadian Public Health Association
1565 Carling Avenue, Suite 400
Ottawa, Ontario K1Z 8R1
Tel: (613) 725-3769

Great Lakes Pollution Prevention Centre
265 North Front Street, Suite 112
Sarnia, Ontario N7T 7X1
Tel: (519) 337-3423 or 1-800-667-9790

International Commission on Radiological
Protection (ICRP)

The documents of ICRP are published as the
Annals of ICRP and are available from:

Review Journals
Pergamon Press plc
Headington Hill Hall
Oxford, OX3 0BW U.K.
Tel: 0865 794141

International Institute of Concern for Public
Health

710 - 264 Queen's Quay West
Toronto, Ontario M5J 1B5
Tel: (416) 260-0575

International Joint Commission
Great Lakes Regional Office
100 Ouellette Avenue, 8th floor
Windsor, Ontario N9A 6T3
Tel: (519) 256-7821

Lung Association
573 Queen Street East, Suite 201
Toronto, Ontario M5A 4L3
Tel: (416) 864-1112

National Radiation Protection Board (NRPB)
Information Officer
Chilton, Didcot, Oxon, OX11 0RQ U.K.
Tel: 0235 831600

National Technical Information Service
(U.S.A.)
U.S. Department of Commerce
5285 Port Royal Road
Springfield, Virginia 22161 USA
Tel: (703) 487-4650

Ontario Cancer Treatment and Research
Foundation
620 University Avenue, 15th floor
Toronto, Ontario M5G 2L7
Tel: (416) 971-9800

Ontario College of Family Physicians
Standing Committee on Environment and
Health
2630 Skymark Avenue
Mississauga, Ontario L4W 5A4
Tel: (905) 629-1600

Ontario Public Health Association
468 Queen Street East, Suite 202
Toronto, Ontario M5A 1T7
Tel: (416) 367-3313 or 1-800-267-6817

2.6 Environmental Groups and Networks

Canadian Environmental Network
P.O. Box 1289, Station B
Ottawa, Ontario K1P 5R3
Tel: (613) 563-2078

Canadian Network for Environmental
Educators and Communicators (EECOM)
P.O. Box 1514
Antigonish, Nova Scotia B2G 2L8
Tel: (902) 863-5984

Great Lakes United
76 University Avenue West
Windsor, Ontario N9A 6M6
Tel: (519) 255-7141

Greenpeace
185 Spadina Avenue, 6th floor
Toronto, Ontario M5T 2C6
Tel: (416) 345-8408

Ontario Environment Network
27 Douglas Street
Guelph, Ontario N1H 2S7
Tel: (519) 837-2565

Ontario Healthy Communities Coalition
415 Yonge Street, Suite 1202
Toronto, Ontario M5B 2E7
Tel: (416) 408-4841 or 1-800-766-3418

Ontario Public Interest Research Group
(OPIRG)
455 Spadina Avenue, Room 201
Toronto, Ontario M5S 2G5
Tel: (416) 978-7770

Pollution Probe
12 Madison Avenue
Toronto, Ontario M5R 2S1
Tel: (416) 926-1907

Women and Environments, Education and
Development (WEED)
736 Bathurst Street
Toronto, Ontario M5S 2R4
Tel: (416) 516-2600

2.7 Remedial Action Plans

Carol Sackville-Duyvelshoff
Provincial Co-chair, RAP Steering Committee
Water Resources Branch
40 St. Clair Avenue West, 11th floor
Toronto, Ontario M4V 1M2
Tel: (416) 314-4157

Danny Epstein
Federal Chair, RAP Steering Committee
25 St. Clair Avenue East, 3rd floor
Toronto, Ontario M4T 1M2
Tel: (416) 973-5432

Gail Krantzberg
Provincial Co-chair, RAP Steering Committee
Program Development Branch
40 St. Clair Avenue West, 11th floor
Toronto, Ontario M4V 1M2
Tel: (416) 314-7973

| Area of Concern | Coordinator |
|--|--|
| Peninsula Harbour Thunder Bay St Marys River | Jake Vander Wal Ministry of Environment and Energy Northwestern Region Lake Superior RAP Office 1194 Dawson Road RR #12, S8, C16 Thunder Bay, Ontario P7B 5E3 Tel: (807) 768-1854 |
| Jackfish Bay | Jim Murphy Ministry of Environment and Energy Thunder Bay District Office 435 James Street South, Suite 331 P.O. Box 5000 Thunder Bay, Ontario P7E 6E3 Tel: (807) 475-1689 |
| Nipigon Bay | Ken Cullis Ministry of Natural Resources North Central Region Lake Superior RAP Office 1194 Dawson Road RR #12, S8, C16 Thunder Bay, Ontario P7B 5E3 Tel: (807) 768-1826 |

| | |
|---------------------|---|
| Spanish River | <p>Jan Linqvist Ministry of Environment and Energy Northeastern Region Sudbury Regional Office 199 Larch Street, 11th floor Sudbury, Ontario P3E 5P9 Tel: (705) 670-3238</p> |
| Severn Sound | <p>Keith Sherman Wye Marsh Wildlife Centre P.O. Box 100 Midland, Ontario L4R 4K6 Tel: (705) 526-7809</p> |
| Collingwood Harbour | <p>Gail Krantzberg Program Development Branch 40 St. Clair Avenue West, 11th floor Toronto, Ontario M4V 1M2 Tel: (416) 314-7973</p> |
| St.Clair River | <p>Gary Johnson Ministry of Environment and Energy 1094 London Road Sarnia, Ontario N7F 1P1 Tel: (519) 383-3794</p> |
| Detroit River | <p>Mike Santavy Ministry of Environment and Energy 1094 London Road Sarnia, Ontario N7F 1P1 Tel: (519) 336-4030</p> |
| Wheatley Harbour | <p>Doug Huber Ministry of Environment and Energy Southwestern Region London Regional Office 985 Adelaide Street South London, Ontario N6E 1V3 Tel: (519) 661-2261</p> |
| Niagara River | <p>Belinda Koblik-Berger Ministry of Environment and Energy West-Central Region P.O. Box 2112 119 King Street West, 12th floor Hamilton, Ontario L8N 3Z9 Tel: (905) 521-7834</p> |

| | |
|---------------------------------------|---|
| Hamilton Harbour | Louise Knox Hamilton Harbour RAP Office Environment Canada, NWRI 867 Lakeshore Road P.O. Box 5050 Burlington, Ontario L7R 4A6 Tel: (905) 336-6279 |
| Metro Toronto | Ed Sado Ministry of Environment and Energy Central Region 4 th floor, 7 Overlea Blvd. Toronto, Ontario M4H 1A8 Tel: (416) 424-3000 |
| Port Hope Harbour | Environment Canada Environmental Protection 25 St. Clair Avenue East, 7 th floor Toronto, Ontario M4T 1M2 Tel: (416) 973-1060 |
| Bay of Quinte - St. Lawrence River | Rick Kirk Ministry of Environment and Energy Kingston Regional Office 133 Dalton Avenue, P.O. Box 820 Kingston, Ontario K7L 4X6 Tel: (613) 549-4000 |

2.8 Public Health Units - Ontario

Algoma Health Unit
Medical Officer of Health
6th floor, Civic Centre
99 Foster Drive
Sault Ste. Marie, Ontario P6A 5X6
Tel: (705) 759-5287

Brant County Health Unit
Medical Officer of Health
194 Terrace Hill Street
Brantford, Ontario N3R 1G7
Tel: (519) 753-7377

Bruce-Grey-Owen Sound Health Unit
Medical Officer of Health
920 First Avenue West
Owen Sound, Ontario N4K 4K5
Tel: (519) 376-9420

Durham Regional Health Unit
Medical Officer of Health
Suite 210
1615 Dundas Street East
Whitby, Ontario L1N 2L1
Tel: (905) 723-8521

Eastern Ontario Health Unit
Medical Officer of Health
1000 Pitt Street
Cornwall, Ontario K6J 5T1
Tel: (613) 933-1375

East York Health Unit
East York Civic Centre
850 Coxwell Avenue
East York, Ontario M4C 5R1
Tel: (416) 461-8136

Elgin-St. Thomas Health Unit
Medical Officer of Health
99 Edward Street
St. Thomas, Ontario N5P 1Y8
Tel: (519) 631-9900

Etobicoke Health Unit (City of)
Medical Officer of Health
Etobicoke City Hall
399 The West Mall
Etobicoke, Ontario M9C 2Y2
Tel: (416) 394-8300

Haldimand-Norfolk Regional Health Unit
Medical Officer of Health
365 West Street, P.O. Box 247
Simcoe, Ontario N3Y 4L1
Tel: (519) 426-6170

Haliburton, Kawartha, Pine Ridge
District Health Unit
Medical Officer of Health
200 Rose Glen Road
Port Hope, Ontario L1A 3V6
Tel: (905) 885-9100

Halton Regional Health Department
Medical Officer of Health
1151 Bronte Road
Oakville, Ontario L6M 3L1
Tel: (905) 825-6060

Hamilton-Wentworth Regional Department of
Public Health Services
Medical Officer of Health
25 Main Street West, P.O. Box 897
Hamilton, Ontario L8N 3P6
Tel: (905) 546-3500

Hastings and Prince Edward Counties Health
Unit
Medical Officer of Health
179 North Park Street
Belleville, Ontario K8P 4P1
Tel: (613) 966-5500

Huron County Health Unit
Medical Officer of Health
Huronview Building
Hwy 4, Box 1120
Clinton, Ontario NOM 1L0
Tel: (519) 482-3416

Kent-Chatham Health Unit
Medical Officer of Health
435 Grand Avenue West
P.O. Box 1136
Chatham, Ontario N7M 5L8
Tel: (519) 352-7270

Kingston, Frontenac and Lennox and
Addington Health Unit
Medical Officer of Health
221 Portsmouth Avenue
Kingston, Ontario K7M 1V5
Tel: (613) 549-1232

Lambton Health Unit (Sarnia)
160 Exmouth Street
Point Edward, Ontario N7T 7Z6
Tel: (519) 383-8331

Leeds, Grenville and Lanark District
Health Unit
Medical Officer of Health
458 Laurier Blvd.
Brockville, Ontario K6V 7A3
Tel: (613) 345-5685

Middlesex-London Health Unit
Medical Officer of Health
50 King Street
London, Ontario N6A 5L7
Tel: (519) 663-5317

Muskoka-Parry Sound Health Unit
Medical Officer of Health
10 Pine Street
Bracebridge, Ontario P1L 1N3
Tel: (705) 645-4471

Niagara Regional Area Health Unit
Medical Officer of Health
573 Glenridge Avenue
St. Catharines, Ontario L2T 4C2
Tel: (905) 688-3762

North Bay and District Health Unit
Medical Officer of Health
101 McIntyre Street West, P.O. Box 450
North Bay, Ontario P1B 8J1
Tel: (705) 474-1400

North York Health Unit (City of)
Medical Officer of Health
5100 Yonge Street
North York, Ontario M2N 5V7
Tel: (416) 395-7700

Northwestern Health Unit
Medical Officer of Health
21 Wolsley Street
Kenora, Ontario P9N 3W7
Tel: (807) 468-3147

Ottawa-Carleton Regional Health Unit
Medical Officer of Health
495 Richmond Road
Ottawa, Ontario K2A 4A4
Tel: (613) 722-2328

Oxford County Board of Health
Medical Officer of Health
410 Buller Street
Woodstock, Ontario N4S 4N2
Tel: (519) 539-6121

Peel Regional Health Unit
Medical Officer of Health
199 County Court Blvd.
Brampton, Ontario L6W 4P3
Tel: (905) 791-9400

Perth District Health Unit
Medical Officer of Health
653 West Gore Street
Stratford, Ontario N5A 1L4
Tel: (519) 271-7600

Peterborough County-City Health Unit
Medical Officer of Health
10 Hospital Drive
Peterborough, Ontario K9J 8M1
Tel: (705) 743-1000

Porcupine Health Unit
Medical Officer of Health
169 Pine Street South
P.O. Box 2012
Timmins, Ontario P4N 8B7
Tel: (705) 267-1181

Renfrew County and District Health Unit
Medical Officer of Health
7 International Drive
Pembroke, Ontario K8A 6W5
Tel: (613) 732-3629

Scarborough Health Department (City of)
Medical Officer of Health
160 Borough Drive
Scarborough, Ontario M1P 4N8
Tel: (416) 396-7454

Simcoe County District Health Unit
Medical Officer of Health
15 Sperling Drive
Barrie, Ontario L4M 6K9
Tel: (705) 721-7330

Sudbury and District Health Unit
Medical Officer of Health
1300 Paris Crescent
Sudbury, Ontario P3E 3A3
Tel: (705) 522-9200

Thunder Bay District Health Unit
Medical Officer of Health
999 Balmoral Street
Thunder Bay, Ontario P7B 6E7
Tel: (807) 625-5900

Timiskaming Health Unit
Medical Officer of Health
221 Whitewood Avenue
P.O. Box 1240
New Liskeard, Ontario P0J 1P0
Tel: (705) 647-4305

Toronto Health Unit (City of)
Medical Officer of Health
7th floor, East Tower
100 Queen Street West
Toronto, Ontario M5H 2N2
Tel: (416) 392-7401

Waterloo Health Unit
Medical Officer of Health
99 Regina Street South
Waterloo, Ontario N2J 4V3
Tel: (519) 883-2000

Wellington-Dufferin-Guelph Health Unit
Medical Officer of Health
205 Queen Street East
Fergus, Ontario N9M 1T2
Tel: (519) 843-2460

Windsor-Essex County Health Unit
Medical Officer of Health
1005 Ouellette Avenue
Windsor, Ontario N9A 4J8
Tel: (519) 258-2146

York Health Unit (City of)
Medical Officer of Health
2700 Eglinton Avenue West
Toronto, Ontario M6M 1V1
Tel: (416) 394-2436

York Regional Health Department
Medical Officer of Health
17250 Yonge Street
P.O. Box 147
Newmarket, Ontario L3Y 6Z1
Tel: (905) 895-4511

3. ON-LINE DATABASES

These databases are on computer. To be able to use them, you will need a computer that can communicate with the main database computer. Some public libraries and most university libraries have the necessary equipment and connections to search at least some of these databases for you. For the very scientific databases, the university libraries are better able to handle your information needs. If they cannot do the search, librarians can usually find out who can. For assistance with health statistics databases, try the Medical Officer of Health and the Ontario Ministry of Health.

Most searches will cost money. The more specific you can be about the information you need, the shorter the search and the lower the cost. Again, librarians usually have good ideas on how to reduce your costs.

| Data Base Name | Description |
|---------------------------|---|
| Biosis Previews | Contains citations from Biological Abstracts. |
| CAB Abstracts | A comprehensive file of agricultural and biological information. |
| CA Search | Contains bibliographic data, keyword phrases and index entries for all documents covered by the Chemical Abstracts Services. |
| CESARS | The Chemical Evaluation Search and Retrieval System is jointly produced by the Michigan Department of Natural Resources and the Ontario Ministry of Environment and Energy. It contains toxicological data on approximately 250 chemicals with up to 120 data items on each, covering physical and chemical properties, toxicity, carcinogenicity, mutagenicity, teratogenicity and environmental fate. |
| Chemical Safety Newsbase | Information on the hazardous and potentially hazardous effects of chemicals and processes encountered by workers in industry and laboratories. It also covers microbiological and radiation hazards encountered in the workplace. |
| CRIS/USDA | Information on U.S. federal- and state-supported research in agriculture, food and nutrition, forestry and related fields. |
| Drug Information Fulltext | Information on stability, chemistry and pharmacokinetics of drugs, as well as on their action, use, dosage and administration. The file also covers compatibility and interactions of drugs and cautions of use. |

| Data Base Name | Description |
|--|--|
| EiCompendex Plus | Contains abstracts from the world's significant literature of engineering and technology. |
| EMBASE | Contains abstracts and citations of articles on human medicine and drugs. |
| Enviroline | Contains index and abstract coverage of literature on all aspects of the environment. |
| Environmental Bibliography | Covers fields of general human ecology, atmospheric studies, energy, land resources, water resources, nutrition and health. |
| International Pharmaceutical Abstracts | Information on all phases of development and use of drugs and on professional pharmaceutical practice. |
| INIS | The International Nuclear Information System contains more than 1.2 million citations to the literature on the peaceful applications of nuclear science, including medical aspects. Topics include medicine, health, safety and environment, and industrial applications of radioisotopes and radiation. |
| IRIS | The Integrated Risk Information System registry contains toxicological and regulatory information on more than 400 chemicals with more added to the database each year. |
| MEDLINE/MEDLARS | Covers articles on every aspect of biomedicine. |
| Pollution Abstracts | References to environment-related literature on pollution, its sources and its control. |
| NIOSH/TIC | Covers all aspects of occupational safety and health. |
| NTIS | Contains results of U.S. government-sponsored research, development and engineering. |
| RIEN | The Great Lakes Health Effects Research and Information Exchange Network (RIEN) database describes over 800 health effects studies completed or under way in the Great Lakes basin. Contact: SUNY College of Environmental Science and Forestry, 24 Bray Hall, Syracuse, NY 13210, Tel: (315) 470-6720. |
| RTECS | The Registry of Toxic Effects of Chemical Substances (RTECS) contains toxicity data for over 100,000 chemical substances. |

| | |
|---------|--|
| SEDBASE | Full text database that critically analyses the published drug side effect literature on drugs currently in use. |
| TOXLINE | Covers the adverse effects of chemicals, drugs and physical agents on living systems. |

4. SOURCES OF FUNDING INFORMATION

Canadian Directory to Foundations

This directory is published by the Canadian Centre for Philanthropy which operates a resource centre containing this directory and many other sources of information on funding. The address is:

Canadian Centre for Philanthropy
1329 Bay Street
Toronto, ON M5R 2C4
Tel: (416) 515-0764

Environmental Grantmaking Foundations

This publication describes U.S. and Canadian foundations that fund environmental projects. It is published by the:

Environmental Data Resources Institute
P.O. Box 22770
Rochester, New York 14692
Tel: (716) 473-3090
(800) 724-1857
Cost: \$91.50 U.S.

5. A COMPUTER PROGRAM FOR HEALTH INVESTIGATORS

The Epi Info computer programs developed by the World Health Organization and the Center for Disease Control in Atlanta provide public-domain software for word processing, and management, organization and analysis of health data. Version 6 of the program, released in June 1994, can produce and use hypertext (active text), and has a configurable pull-down menu, additional statistics and other improvements over previous versions.

A 600-page manual is included on the disks and is available in printed form. Copies of Epi Info and a companion program for geographic mapping (Epi Map) are available from:

USD, inc.
2075A West Park Place
Stone Mountain, GA 30087
U.S.A.
Tel: (404) 469-4098
Fax: (404) 469-0681

There are charges for Epi Info and Epi Map.

Epi Info and Epi Map are available on the worldwide Internet at the following address:

Site: FTP.CDC.GOV
User ID: Anonymous
Directory for Epi Info: /PUB/EPI/EPIINFO
Directory for Epi Map: /PUB/EPI/EPIMAP

The compressed files occupy 3-4 megabytes for each product.

