

# Sources and Resources for Community Information Development

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## *Introduction*

This document is a compendium of resources which are nearly all currently freely available on the Internet which concern the measurement of the well-being or sustainability of a community, region or even nation in order to evaluate the potential impact or need of a program or policy.

The three principal areas covered in this inventory are those reports or resources pertaining to the quantitative evaluations of a community's (or even nation's) Quality of Life; Environmental Health or Sustainable Development; and Health Status. Some more specific subtopics are also covered, such as aboriginal, gender, and mental health issues; social capital; and determining the priorities for development or environmental health of forestry-dependent regions in particular.

It consists of hundreds of annotated links to various manuals, reports, studies, tables, or other types of readings on projects which have either developed, applied, or assessed Community-, Neighbourhood-, Regional-, National-, or International-level measures or indicators<sup>1</sup> to those topics. It also lists many "portal" sites which feature their own links to such resources. Although it concentrates on Canadian resources as much as possible (many of which are available both in English and in French, with the links for both often being provided), it also draws extensively on items produced in the United States, the United Kingdom, and many other countries.

Its main target audience is Community Economic Development (CED) practitioners wanting to find existing models and resources to learn how to use concrete measures to establish a need for their own programs, assess their impacts, or advocate for some policy change. Its secondary audience is researchers and policy makers, who may want to keep abreast of the field or help the practitioners develop better assessment tools. In addition, the general public may also be interested in finding out about and seeing some of the scores of reports which are now available on the state of different communities', ecosystems', populations', and nations' well-being.

These target audiences have guided both the selection of the materials included within and their subsequent organization in a number of ways. First, assuming that the CED organizations are community- rather than academically- based and are as cash-strapped as most small, service-oriented Canadian nonprofits are, the focus here has been almost exclusively on locating the **free** resources available online, rather than on identifying the print literature which is generally only available for purchase or in university libraries. Only a few hardcopy resources have been included, where they seemed apt to be especially helpful to practitioners. Considering the relatively short 'shelf-life' of most internet materials, however, this has also meant that most of the materials included here have been published since 2000. Nevertheless, for those who want to consult older works or delve deeper into the academic literature, there is plenty to work with here, because many of the portal sites listed below explicitly reference such works (especially the annotated bibliographies<sup>2</sup>), as do a great many of the scholarly reviews.

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<sup>1</sup> "Indicator – specific, descriptive items of information that are used to track changes in a condition or function of a community, agency, or family," from, *Scales, From A to Y: Almost Everything You Wanted to Know but Were Afraid to Ask*, by the CSBG (Community Services Block Grant) Monitoring and Assessment Task Force Scales and Ladders Committee September, 1999, online at [www.roma1.org/files/rtr/scalesA-Ybw.pdf](http://www.roma1.org/files/rtr/scalesA-Ybw.pdf)

<sup>2</sup> There are several of these included here (just search for "annotated bibliography" in this document), including *Social Indicators: An Annotated Bibliography on Trends, Sources and Developments (1960-1998)*, by Stephen Gasteyer and Cornelia Butler Flora, North Central Regional Center For Rural Development, Iowa State University, 1998, online at [www.ag.iastate.edu/centers/rdev/indicators/sitemap.html](http://www.ag.iastate.edu/centers/rdev/indicators/sitemap.html)

Given the sheer volume of items, the materials in each part have been organized according to three main groupings in order to expedite the end-users' searches. The more practical, 'how-to' literature appears first. This is followed by a myriad of examples of reports or sources of information from researchers which have actually provided concrete measures of the health or welfare of some population or region(s), for the practitioners to draw on, or for researchers, policy makers or the general public to consult. The more theoretical items which review such measurement studies or analyze how they were done or could be done better, appear last.

Finally, as noted, the focus here is on concrete measures or indicator-related resources primarily for those interested in establishing the baseline states of affairs (or "benchmarks") of a region, setting the targets for desired changes, and tracking the outcomes for community-level or regional programs. A fair number of regional, provincial, national, and international projects and sources using indicators have also been included, not only to serve as sources of comparable data for local community-level projects, but also to provide instruction on the perils, pitfalls, and lessons learned on the way to developing indicator-based assessments. But there are three related areas which each have a comparable amount of literature on them (if not vastly more), which have only been covered in passing, if at all. One addresses what constitutes an adequate quality of life at the *individual* level (which is particularly relevant to the medical and disabilities literature); this area has pretty much been completely omitted here. The others involve applying benchmarks and indicators at either the *organizational* level (comparing one firm's efficiency or costs in a given performance area such as human resources to an industry standard, e.g. – an area often known simply as 'benchmarking'), or at the *governmental* level (tracking the performance of large Ministries or entire Governments – the area known as results- or performance-based management or accountability). The organizational benchmarking literature has also been excluded here, and there is only a smattering of the available literature included on measuring government performance. For a recent paper which knits several of these areas together, however, see *Performance Measurement, Development Indicators, & Aboriginal Economic Development*, by Mike Lewis and R.A. Lockhart for the Centre for Community Enterprise, April, 2002, on this site at [www.cedworks.com/cgibin/loadpage.cgi?571+OBMmain.html#contents](http://www.cedworks.com/cgibin/loadpage.cgi?571+OBMmain.html#contents)

## **Acknowledgements**

The preparation of this inventory was aided considerably by a number of similar projects:

- 1) *The United States of America: Developing Key National Indicators*, by Martha Farnsworth Riche, the former Director of the US Census Bureau, for the Forum on National Performance Indicators, hosted by the General Accounting Office in Washington, D.C., Feb. 27, 2003 (online at [www.gao.gov/mpi/usadkni.pdf](http://www.gao.gov/mpi/usadkni.pdf));
- 2) "Identifying the Current Status of Indicator Work in BC: A Research Project," an unpublished draft report created by James Strain of Royal Roads University for The Center for Community Enterprise in 2002, and a bibliography from the Center's own *Community Resilience Manual* (available at [www.cedworks.com/bookstore/toolsandtechniques.html](http://www.cedworks.com/bookstore/toolsandtechniques.html))
- 3) the "Key References" compiled by the Neighborhood Indicators/Community Data Working Group, in Grand Rapids, Michigan, <http://faculty.gvsu.edu/hoffmanm/nicdwg/reference.html>
- 4) various other portal sites listed herein.

## ***Part 1: Resources for those wanting to assess the well-being of their communities or the Impacts of Economic Development Programs***

### **Section 1: Guides or Resources Geared more to Practitioners**

#### **Introductory Articles or Tip Sheets on Selecting Community-Level Indicators**

*Creating Community Capacity to Use Indicators*, by David Murphey, of the Vermont Agency of Human Services, a paper prepared for the Conference, "Key Indicators of Child Well-Being: Completing the Picture," June 14-15, 2001, Washington, DC, online at [www.ahs.state.vt.us/0106CreatingCommunityCapacity.htm](http://www.ahs.state.vt.us/0106CreatingCommunityCapacity.htm) and see also his *Growing an Outcomes-Based Culture with Communities*, a presentation to a Meeting of the Health and Human Services State Grantees: Advancing States' Indicator Initiatives, May 30-June 1, 2001, [www.ahs.state.vt.us/0106OutcomesCulture.htm](http://www.ahs.state.vt.us/0106OutcomesCulture.htm)

*Developing Indicators and Benchmarks*, by the National Guide to Sustainable Municipal Infrastructure, a project of the Federation of Canadian Municipalities and the National Research Council, Dec. 2002, although geared more to cities to develop roads and sewers, is a good introduction to the topic [www.infraguide.ca/docs/DevelopingIndicatorsandBenchmarks.pdf](http://www.infraguide.ca/docs/DevelopingIndicatorsandBenchmarks.pdf)

*Indicators of Community Sustainability*, by David S. Liebl, Dana R. Fisher, *et al.*, University of Wisconsin-Extension, Jan. 1998, [www.uwex.edu/ces/ag/sus/html/indicators\\_of\\_cs.html](http://www.uwex.edu/ces/ag/sus/html/indicators_of_cs.html) part of their Sustainable Community Development Manual, [www.uwex.edu/ces/ag/sus/index.html](http://www.uwex.edu/ces/ag/sus/index.html)

*Means, Ends, Indicators: Performance Measurement in the Public Sector*, Policy Brief No. 3., [www.iog.ca/publications/policybrief3.pdf](http://www.iog.ca/publications/policybrief3.pdf) by Mark Schacter, Institute on Governance, Ottawa, April 1999.

*Selecting Performance Indicators*, one of the Performance Monitoring and Evaluation TIPS by the USAID Center for Development Information and Evaluation. 1996 [www.usaid.gov/pubs/usaid\\_eval/ascii/pnaby214.txt](http://www.usaid.gov/pubs/usaid_eval/ascii/pnaby214.txt)

*Using Social Indicators in Community Development – Workshop Proceedings*, the summary of a session from the CDI [Community Development Institute] 2002 (an annual continuing education series put on by SPARC-BC, the Social Planning and Research Council of British Columbia, in Vancouver), online at [www.sparc.bc.ca/supportitems/social\\_indicat\\_cdi\\_02\\_notes.pdf](http://www.sparc.bc.ca/supportitems/social_indicat_cdi_02_notes.pdf)

*The What and Why of Indicators*, by J. Dumanski, (Agriculture and Agri-Food, Ottawa, Canada) and C. Pier (World Bank, Washington D.C., USA), abstracted from a 1996 conference presentation Application of the pressure-state-response framework for the land quality indicators (LQI) programme; online at [www.cquest.utoronto.ca/env/env200y/ESSAY02/indicators.htm](http://www.cquest.utoronto.ca/env/env200y/ESSAY02/indicators.htm)

## **Guides on How to Assess the Impacts of Projects, or Reviews of such Guides**

*Basic Impact Assessment At Project Level*, by the Enterprise Development Impact Assessment Information Service (EDIAIS), a program of the Institute for Development Policy and Management (IDPM), of Manchester University, and Women In Sustainable Enterprise Development Ltd. in the U.K., June 2001. This 36 page tutorial on how to evaluate the impacts of a CED project is online along with two related manuals, *Strategic Impact Assessment and Enterprise Development* and *From Impact Assessment to Sustainable Strategic Learning*, at [www.enterprise-impact.org.uk/overview/index.shtml](http://www.enterprise-impact.org.uk/overview/index.shtml) See also the 38 page *Impact assessment: an overview*, by Colin Kirkpatrick, David Hulme, Linda Mayoux, Caroline Pinder, Tertia Gavin and Clive George, online at [www.enterprise-impact.org.uk/pdf/CoreText.pdf](http://www.enterprise-impact.org.uk/pdf/CoreText.pdf) (or in MS Word at [www.enterprise-impact.org.uk/word-files/CoreText.doc](http://www.enterprise-impact.org.uk/word-files/CoreText.doc) ) They also offer many other evaluation and planning resources at [www.enterprise-impact.org.uk/informationresources/toolbox.shtml](http://www.enterprise-impact.org.uk/informationresources/toolbox.shtml)

The *Canadian Outcomes Research Institute* [www.hmrp.net/CanadianOutcomesInstitute](http://www.hmrp.net/CanadianOutcomesInstitute) based in Calgary specializes in training human services organizations how to do outcome based evaluations. It offers a number of downloadable tutorials which collectively form a manual and some links, at [www.hmrp.net/CanadianOutcomesInstitute/Resources.htm](http://www.hmrp.net/CanadianOutcomesInstitute/Resources.htm) as well as some web-based software and a database for organizations to share their benchmark data, in its HOMES-Muttart Research Project and the HOMES Database, which is supported by the Muttart Foundation [www.hmrp.net/CanadianOutcomesInstitute/HMRP.htm](http://www.hmrp.net/CanadianOutcomesInstitute/HMRP.htm)

*Community Action Resources for Inuit, Métis, and First Nations: a Toolbox* by Health Canada, in five parts, circa 1998, including Toolbox, Assessing Needs, Planning, Finding Resources, Making it Happen, and Evaluating, [www.hc-sc.gc.ca/hecs-sesc/cds/publications/index.htm#public\\_aboriginal](http://www.hc-sc.gc.ca/hecs-sesc/cds/publications/index.htm#public_aboriginal) Also available in French at [www.hc-sc.gc.ca/hecs-sesc/sca/publications/index.htm#public\\_aboriginal](http://www.hc-sc.gc.ca/hecs-sesc/sca/publications/index.htm#public_aboriginal)

*The Community Toolbox*, by the University of Kansas, especially *Chapter 3. Assessing Community Needs and Resources* [http://ctb.lsi.ukans.edu/tools/EN/chapter\\_1003.htm](http://ctb.lsi.ukans.edu/tools/EN/chapter_1003.htm) and Ch. 1, sect. 5: *Our Evaluation Model: Evaluating Comprehensive Community Initiatives* [http://ctb.ku.edu/tools/en/sub\\_section\\_main\\_1007.htm](http://ctb.ku.edu/tools/en/sub_section_main_1007.htm)

*Enjoying Research? A 'How-To' Manual on Needs Assessment* , and the *Statistics Booklet*, by Diane Abby-Livingston and David S. Abbey, for the Recreation branch of the Ontario Ministry of Tourism and Recreation, 1982, available from the Leisure Information Site [www.lin.ca/lin/resource/html/sp0070.htm](http://www.lin.ca/lin/resource/html/sp0070.htm)

*The Essentials of Survey Research and Analysis – A Workbook for Community Researchers*, by Ronald Jay Polland, Ph.D, for the Adolescent Pregnancy Prevention program of the Grant, Duval County Health Department, Texas (?), 1998, available online in separate chapters at [www.freenet.tlh.fl.us/~polland/qbook.html](http://www.freenet.tlh.fl.us/~polland/qbook.html)

*Evaluation made Very easy, Accessible and Logical*, by K. Farell, M. Kratzmann, S. McWilliam, N. Robinson, S. Saunders, J. Ticknor, and K. White, Dalhousie University 2002. As The Health Communication Unit at the Centre for Health Promotion, University of Toronto notes (see

reference below), this was “created as part of a graduate course at Dalhousie University in measurement and evaluation...to provide an accessible, user-friendly evaluation resource guide for community-based organizations. Basic definitions, frameworks, and examples from community, academic and internet resources are included.” A large, 1.5 mg file online at [www.medicine.dal.ca/acewh/eng/reports/EVAL.pdf](http://www.medicine.dal.ca/acewh/eng/reports/EVAL.pdf)

*Evaluating the Impact of Development Projects on Poverty: A Handbook for Practitioners*, by Judy L. Baker, LCSPP/PRMPO, for The World Bank, Washington, DC May 2000. Available in pieces at [www.worldbank.org/poverty/library/impact.htm](http://www.worldbank.org/poverty/library/impact.htm) (also in Spanish and Russian) or in one installment at: [www.worldbank.org/poverty/library/impact.pdf](http://www.worldbank.org/poverty/library/impact.pdf)

*The Evaluation Tool Kit*, a lengthy resource by The Western Valley Development Authority, a CED agency in Nova Scotia, online in five parts at [www.wvda.com/en/etk/index.html](http://www.wvda.com/en/etk/index.html)

The *Evaluation Tool kit series* by HRDC (Human Resources Development Canada). Available at <http://www11.hrdc-drhc.gc.ca/pls/edd/toolkit.list> (in English) or (in French at [http://www11.hrdc-drhc.gc.ca/pls/edd/toolkit.list\\_fr?p\\_site=EDD](http://www11.hrdc-drhc.gc.ca/pls/edd/toolkit.list_fr?p_site=EDD) ) Features four reports: *AHRDA [Aboriginal Human Resources Development Agreements] – Capacity Self-Assessment; Evaluation Tool Kit – Focus Groups; Quasi-Experimental Evaluation; The Design of Summative Evaluations for the Employment Benefits and Support Measures (EBSM); and User Guide on Contracting HRDC Evaluation Studies.*

*Evaluation Resources*, a set of annotated links by The Health Communication Unit at the Centre for Health Promotion, University of Toronto [www.thcu.ca/infoandresources/evaluation\\_resources.htm](http://www.thcu.ca/infoandresources/evaluation_resources.htm) which included many downloadable documents of their own, as well as links to other associations, manuals, listservs, and more.

*Getting Focused, Getting Real: Measuring Success in Asset - Based Community Development; and Evaluating Asset-Based Community Development: Measuring the Success of IDA, Microlending and Affordable Housing Programs*, by Edward T. Jackson (and Tatyana Teplova, for the latter), an Associate Professor of Public Administration and International Affairs, and Director of the Centre for the Study of Training, Investment and Economic Restructuring, at Carleton University, prepared for the Voluntary Sector Evaluation Research Project, Centre for Voluntary Sector Research and Development, Carleton University and the University of Ottawa, and the Canadian Centre for Philanthropy, Ottawa, 2002 and 2003. These are fairly brief reviews of what is involved in measuring the impacts of some CED projects, with links to local and international projects which have done so, and examples of some methods. They are both available online at [www.vserp.ca/research.html](http://www.vserp.ca/research.html)

*Guidelines for Impact Monitoring in Economic and Employment Promotion Projects with Special Reference to Poverty Reduction Impacts*, by Martina Vahlhaus and Thomas Kuby, for GTZ (Deutsche Gesellschaft für Technische Zusammenarbeit), an agency of the German government, in Eschborn, March 2001 Available in two parts (*Part I: Why Do Impact Monitoring? - A Guide*, 38 pp., and *Part II: How to Introduce and Carry Out Impact Monitoring – Tips, Methods and Instruments*, 84 pp.) at [www.gtz.de/forum\\_armut/english/c05.htm](http://www.gtz.de/forum_armut/english/c05.htm) For more detail, including worksheets and tutorials on statistical methods, see also the 182 page *Guidelines*

*for Impact Monitoring & Assessment in Microfinance Programs* by Birgit Schäfer of Hohenheim University, also for this agency, published in Sept. 2001, at [www.gtz.de/themen/economic-development/download/guidelines-in-microfinance-programmes.pdf](http://www.gtz.de/themen/economic-development/download/guidelines-in-microfinance-programmes.pdf)

The *Handbook for Conducting a Community Assessment*, by the Social Research Unit, Community and Social Development, City of Calgary, originally published Dec. 1997, and still available in hardcopy for \$10 from [http://calgaryonlinestore.com/detail.asp?prod\\_id=40](http://calgaryonlinestore.com/detail.asp?prod_id=40) but also online in many sections at [www.calgary.ca/cweb/gateway/gateway.asp?GID=395&CID=0&URL=http%3A%2F%2Fcontent%2Ecalgary%2Eca%2FCCA%2FCity%2BHall%2FBusiness%2BUnits%2FCommunity%2BStrategies%2FPublications%2FCommunity%2BAssessment%2BHandbook%2Findex%2Ehtm](http://www.calgary.ca/cweb/gateway/gateway.asp?GID=395&CID=0&URL=http%3A%2F%2Fcontent%2Ecalgary%2Eca%2FCCA%2FCity%2BHall%2FBusiness%2BUnits%2FCommunity%2BStrategies%2FPublications%2FCommunity%2BAssessment%2BHandbook%2Findex%2Ehtm)

*Integrating Qualitative and Quantitative Approaches in Program Evaluation*, by Vijayendra Rao and Michael Woolcock, for The World Bank, Washington, DC, Aug. 2002; chapter 8 of their forthcoming Toolkit, "Techniques and Tools for Evaluating the Poverty Impact of Economic Policies." [http://poverty.worldbank.org/files/12930\\_chapter8.pdf](http://poverty.worldbank.org/files/12930_chapter8.pdf)

The *Learning Evaluation And Planning (L.E.A.P.) Support Manual: Guidance notes and tools for trainers and support workers*, by Alan Barr, the Scottish Community Development Centre, 2002, online at [www.scdc.org.uk/leap/support\\_manual.pdf](http://www.scdc.org.uk/leap/support_manual.pdf) is meant as a companion to their hardcopy works available at: [www.scdc.org.uk/leap\\_index.htm](http://www.scdc.org.uk/leap_index.htm)

The *Measures for Community Research* database [www.aspenmeasures.org](http://www.aspenmeasures.org) of The Roundtable on Comprehensive Community Initiatives for Children and Families of The Aspen Institute, in Washington DC, "includes descriptions of primary data collection instruments, such as survey instruments, interview protocols, and self-assessment guides," and sometimes the survey instruments themselves are available for download.

*Measuring Impact: A Guide to Resources*, by Susan Wainwright, National Council of Voluntary Organisations (NCVO), London, UK, Jan. 2003, a 30-page overview of the strengths and weaknesses of several outcome research manuals or studies geared to the nonprofit sector, includes a good bibliography [www.scvo.org.uk/research/reports/Measuring\\_impact-a\\_guide\\_to\\_resources.pdf](http://www.scvo.org.uk/research/reports/Measuring_impact-a_guide_to_resources.pdf)

*Measuring Results in Community Development: An Exploration of Participation and Network Capacity Domains*, by Brenda Simpson and Cesar Cala, for the Alexandra Community Health Centre, Calgary, Oct. 2001. A description is at: [www.thealex.ca/publications\\_measuringresults.html](http://www.thealex.ca/publications_measuringresults.html) and the actual report is at: [www.thealex.ca/publications/Measuring\\_Results\\_In\\_Community\\_Development.pdf](http://www.thealex.ca/publications/Measuring_Results_In_Community_Development.pdf)

See also his more scholarly 2003 paper with Shaohua Chen, *Hidden Impact? Ex-Post Evaluation of an Anti-Poverty Program*, for the topic of this discussion applied to an actual case, in China, at [http://poverty.worldbank.org/files/14038\\_hidden\\_impact.pdf](http://poverty.worldbank.org/files/14038_hidden_impact.pdf)



*Measuring the Impact of the Nonprofit Sector*, an anthology edited by Patrice Flynn and Virginia A. Hodgkinson (N.Y.: Kluwer Academic/Plenum Publishers, 2002), available for purchase from [www.wkap.nl/prod/b/0-306-46547-7](http://www.wkap.nl/prod/b/0-306-46547-7) and described at [www.flynnresearch.com/measuimp.html](http://www.flynnresearch.com/measuimp.html)

*Outcome Mapping: A Method for Reporting on Results Facilitation Manual for IDRC (Draft)*, by Sarah Earl and Fred Carden, of the International Development Research Centre Evaluation Unit (Sept. 1999), part of the documents presented at *Telecentre Evaluation: A Global Perspective: Report of an International Meeting on Telecentre Evaluation at Far Hills Inn, Québec, Canada - September 28-30, 1999*, online at [www.idrc.ca/telecentre/evaluation/nn/01\\_TOC.html](http://www.idrc.ca/telecentre/evaluation/nn/01_TOC.html) See also the *Understanding the Role of Community Telecentres in Development – A Proposed Approach to Evaluation* report by Anne Whyte, which applies a similar framework to the concrete case of a calling centre CED project.

*Program Evaluation Resources / Links*: [www.smartprogramevaluation.com/HTML/Links/social-science-program-evaluation.html](http://www.smartprogramevaluation.com/HTML/Links/social-science-program-evaluation.html)

*Pathways to a Healthy Community: Indicators and Evaluation Tool Kit*, by the Ontario Healthy Communities Coalition, in Toronto. Discusses 19 evaluation and indicator tools used in North America, with a User's Guide detailing how to select the tool most appropriate one to their needs, how to obtain copies of the various tools, with an annotated bibliography of other tools and resources, and an annotated list of evaluation/indicator web sites and a list of local contacts for folks working on evaluation/indicator initiatives around Ontario. In two parts at [www.healthycommunities.on.ca/resources/pathways/index.html](http://www.healthycommunities.on.ca/resources/pathways/index.html)

*A Review of Impact Assessment Tools*, by Anton Simanowitz, for Imp-Act, in Brighton, UK, Sept. 2001; a 35 page working paper reviewing the pros and cons of various toolkits geared to assessing the outcomes of job promotion or micro-credit programs in international development. Available online at [www.microfinancegateway.org/download/Toolsreview2001.doc](http://www.microfinancegateway.org/download/Toolsreview2001.doc)

The Roundtable on Comprehensive Community Initiatives for Children and Families of The Aspen Institute, in Washington DC has several publications available for download or purchase from [www.aspeninstitute.org/Programt3.asp?bid=1247](http://www.aspeninstitute.org/Programt3.asp?bid=1247)

- *New Approaches to Evaluation Community Initiatives, Vol. 1: Concepts, Methods, and Contexts*, edited by James P. Connell, Anne C. Kubisch, Lisbeth B. Schorr, and Carol H. Weiss (1995); and *Vol. 2: Theory, Measurement, and Analysis*, edited by Karen Fulbright-Anderson, Anne C. Kubisch, and James P. Connell (1998)
- *Voices from the Field: Learning from the Early Work of Comprehensive Community Initiatives* (1997)
- *Voices from the Field II: Reflections on Comprehensive Community Change*, by Anne C. Kubisch, Patricia Auspos, Prudence Brown, Robert Chaskin, Karen Fulbright-Anderson, and Ralph Hamilton (2002)

*Sustainable Measures* (formerly Hart Environmental Data) a consulting firm in North Andover, MA, offers free Indicator Training materials, a searchable Database of indicators, Explanations

of indicators and sustainability, and a List of online and print resources, at [www.sustainablemeasures.com](http://www.sustainablemeasures.com)

The *Voluntary Sector Evaluation Research Project* (VSERP), [www.vserp.ca](http://www.vserp.ca) a partnership between the Centre for Voluntary Research and Development at Carleton University, the Canadian Centre for Philanthropy, the United Way of Canada - Centraide Canada, Volunteer Canada, YMCA Canada, CCAF-FCVI Inc., the Max Bell Foundation, Community Foundations Canada, and the Philanthropic Foundations Canada, features an annotated databases of resources and reports on evaluation at <http://datasource.vserp.ca/vserp/resources.lasso>

The World Bank's *Poverty Net Document Library* has many abstracts and downloadable papers on evaluating community development and poverty reduction programs, such as some of those listed above at: <http://poverty.worldbank.org/library/topic/3373>

### **Manuals on how to conduct Community-Level Assessments for Economic Development Projects**

*Assessing Quality of Life and Living Conditions to Guide National Policy*, edited by Michael R. Hagerty, Joachim Vogel, Valerie Møller, Volume 11 of the *Social Indicators Research Series* published by Kluwer Academic publishers in Holland, July 2002. This is a fairly costly (\$127-US plus shipping for the hardcopy version, and \$159 for the electronic version) 432 page book whose contents are shown on its publishers page at [www.wkap.nl/prod/b/1-4020-1100-8](http://www.wkap.nl/prod/b/1-4020-1100-8) and at the *Academic Research only available in Journals or Books* section appearing below.

*Community Level Outcomes – An Overview of Measuring Incremental Change Using Scales [and] Determining Return-On-Investment*, by Eleanor Hunnemann and Frederick Richmond, of Positive Outcomes, in Harrisburg, PA, 1997, a Results—Oriented Management and Accountability (ROMA) Training Program provided to the Missouri Community Services Block Grant Colloquium Truman State University; Kirksville, Missouri June 17 and 18, 1997. [www.roma1.org/documents/MO/CommLevelOutcomeModule.PDF](http://www.roma1.org/documents/MO/CommLevelOutcomeModule.PDF)

There are many other resources available for those engaged in results-based accountability (i.e., entailing outcome measures) programs geared to helping low income people become more self-sufficient, through the *ROMA: Results Oriented Management and Accountability* clearinghouse site, at [www.roma1.org](http://www.roma1.org) such as *Community Scales: A Ladder to the Twenty First Century*, a working paper from the CSBG (the Community Services Block Grant) MATF Committee on Scales & Ladders to the CSBG Monitoring and Assessment Task Force, July 1, 1997 (also by Positive Outcomes, at [www.roma1.org/files/rtr/communityScale.pdf](http://www.roma1.org/files/rtr/communityScale.pdf)) and *Scales, From A to Y: Almost Everything You Wanted to Know but Were Afraid to Ask*, by the CSBG Monitoring and Assessment Task Force Scales and Ladders Committee September, 1999, online at [www.roma1.org/files/rtr/scalesA-Ybw.pdf](http://www.roma1.org/files/rtr/scalesA-Ybw.pdf)

*Community Quality of Life: How to Carry Out a Community Quality of Life Project – A Community Quality of Life Manual*, by the Quality of Life Research Unit, University of Toronto, described at and available for purchase from [www.utoronto.ca/qol/manual.htm](http://www.utoronto.ca/qol/manual.htm)

*Connecting People to Work: A Technical Guidebook for Using Data Analysis and Mapping as Tools to Develop Local Strategies*, by Jim Vandermillen, for the Community Development Training Institute (CDTI), a charity associated with the National Community Development Association in Washington, DC, c. 1997, [www.ncdaonline.org/cdti/guidebook\\_introduction.htm](http://www.ncdaonline.org/cdti/guidebook_introduction.htm)

*Everything You Want To Know About Indicators*, and the *Sustainable Community Indicators Trainer's Workshop*, training materials provided by Maureen Hart of the Sustainable Measures consultancy in North Andover, MA, 1998 [www.sustainablemeasures.com/Indicators/index.html](http://www.sustainablemeasures.com/Indicators/index.html)

*First Nation Self-Evaluation of Community Programs: A Guidebook on Performance Measurement*, by the Department of Indian Affairs and Northern Development, Corporate Services, Departmental Audit and Evaluation Branch, October, 1998. Discusses *why* a First Nation may consider developing a community program performance framework; *what* the features of good performance frameworks are; *how* to develop one in a step-by-step process; and offers optional tools to support the process of developing a community program performance framework. Online at [www.ainc-inac.gc.ca/pr/pub/ae/sp/97-13\\_e.html](http://www.ainc-inac.gc.ca/pr/pub/ae/sp/97-13_e.html) Also available in French at [www.ainc-inac.gc.ca/pr/pub/ae/sp/97-13\\_f.html](http://www.ainc-inac.gc.ca/pr/pub/ae/sp/97-13_f.html)

*Gathering and Using Community-Level Indicators* (Chapter 31, Section 9) *Community Assessment, Agenda Setting, and Choice of Broad Strategies* (Chapters 3 - 5) part of the *Community Toolbox* [http://ctb.ku.edu/tools/en/tools\\_toc.htm](http://ctb.ku.edu/tools/en/tools_toc.htm) by the University of Kansas; the first section mentioned is at [http://ctb.ku.edu/tools/en/section\\_1371.htm](http://ctb.ku.edu/tools/en/section_1371.htm) and the latter begins at [http://ctb.ku.edu/tools/en/chapter\\_1003.htm](http://ctb.ku.edu/tools/en/chapter_1003.htm)

*A Guide to Implementation and Benchmarking for Rural Communities* (April 1998), and *Instruction Manual for the Community Development Benchmarking System*, version 4 (June 2000), by the USDA Rural Development Office of Community Development, available from the U.S. Department of Agriculture at <http://ocdweb.sc.egov.usda.gov/info.asp?cid=20>

*A guide for developing neighbourhood plans*, a 60-page manual by Manitoba Intergovernmental Affairs and the City of Winnipeg's Planning, Property and Development Department - Planning and Land Use Division, March 2002 [www.winnipeg.ca/ppd/pdf\\_files/Nhbd\\_guide.pdf](http://www.winnipeg.ca/ppd/pdf_files/Nhbd_guide.pdf)

*Local quality of life counts: a handbook for a menu of local indicators of sustainable development*, by the UK Environment Ministry, July 2001, online in many html parts from the new UK Government Sustainable Development site at [www.sustainable-development.gov.uk/indicators/local/localind/index.htm](http://www.sustainable-development.gov.uk/indicators/local/localind/index.htm)

*Prove it: measuring the effect of neighbourhood renewal on local people*, by Perry Walker, Julie Lewis, Sanjiv Lingayah and Florian Sommer, the New Economics Foundation (NEF), London, UK, Jan. 2000. A 75-page handbook which "describes a method for measuring the effect of community projects on local people, on the relationships between them and on their quality of life [which] involves local people in both choosing the indicators and collecting data," which has been field-tested at 16 sites. It is available for free from NEF online at [www.neweconomics.org/gen/uploads/doc\\_208200094213\\_ProveIt.doc](http://www.neweconomics.org/gen/uploads/doc_208200094213_ProveIt.doc) There is also a 2-page backgrounder on it at [www.neweconomics.org/gen/uploads/ProveIt%201.pdf](http://www.neweconomics.org/gen/uploads/ProveIt%201.pdf)

*National Neighborhood Indicators Partnership* (NNIP) reports, by the National Neighborhood Indicators Partnership: “a collaborative effort by the Urban Institute [in Washington, DC] and local partners to further the development and use of neighborhood-level information systems in local policymaking and community building.” These and other reports are freely available for download from [www.urban.org/nnip/publications.html](http://www.urban.org/nnip/publications.html)

- *Building Community Capacity To Use Information: A Framework*, by Terri J. Bailey (Oct. 1997)
- *Building Community Capacity to Use Information: Four Training Options from the Experience of the National Neighborhood Indicators Partnership*, by Terri J. Bailey, Dec. 2000.
- *Building and Operating Neighborhood Indicators Systems: A Guidebook*, edited by G. Thomas Kingsley (March 1999) [www.urban.org/nnip/pdf/guidebk.pdf](http://www.urban.org/nnip/pdf/guidebk.pdf)
- *Catalog of Administrative Data Sources*, by Claudia J. Coulton, with Lisa Nelson and Peter Tatian (from *Mapping Your Community: Using Geographic Information to Strengthen Community Initiatives*, by G. Thomas Kingsley, Claudia J. Coulton, Michael Barndt, David S. Sawicki, and Peter Tatian. Washington, D.C.: U.S. Department of Housing and Urban Development, Oct. 1997)
- *Neighborhood Indicators: Taking Advantage of the New Potential*, by G. Thomas Kingsley (1998)
- *Public Assistance Records: A Source For Neighborhood Indicators*, by Claudia J. Coulton (Sept. 1999)
- *Vital Records: A Source for Neighborhood Indicators*, by Claudia J. Coulton (Nov. 1998)

*Neighborhood Sustainability Indicators Guidebook: How To Create Neighborhood Sustainability Indicators in Your Neighborhood*, by Ken Meter, Crossroads Resource Center, Minneapolis, for the Urban Ecology Coalition, Feb. 1999. [www.igc.org/crossroads/guide.pdf](http://www.igc.org/crossroads/guide.pdf)

*Social Inclusion Partnership (PPA) Indicators and Typology*, by the PPA (Priority Partnership Areas) Monitoring and Evaluation Unit, Geddes Centre for Planning Research, School of Town and Regional Planning, University of Dundee, Scotland, Nov. 1998  
[www.trp.dundee.ac.uk/research/geddes/monitor/indicat.htm](http://www.trp.dundee.ac.uk/research/geddes/monitor/indicat.htm) and the *SIP (Social Inclusion Partnership) Monitoring and Evaluation Manual*, June 1997  
[www.trp.dundee.ac.uk/research/geddes/monitor/plan.htm](http://www.trp.dundee.ac.uk/research/geddes/monitor/plan.htm)

*Sustainability Starts in Your Community: A Community Indicators Guide*, by Mathis Wackernagel and Kim Rodgers of Redefining Progress and Jan Thomas and Charlotte Youngblood of Earth Day Network, San Francisco, April 2002, online at [www.redefiningprogress.org/publications/ciguide.pdf](http://www.redefiningprogress.org/publications/ciguide.pdf) A previous edition was *The Community Indicators Handbook*, by Tyler Norris, Alan AtKisson, *et al.*, for Redefining Progress, 1997; its introduction is online at [www.communityinitiatives.com/indicats.html](http://www.communityinitiatives.com/indicats.html)

The *Urban Indicators Tool Kit* by United Nations Commission on Human Settlements (UNCHS Habitat) [www.unchs.org/guo/gui/index.html](http://www.unchs.org/guo/gui/index.html) and the *Urban Indicators Tool Kit Guide* [www.unchs.org/guo/gui/guide.html](http://www.unchs.org/guo/gui/guide.html) is an indicators system entailing 30 key indicators and nine qualitative data, considered to be the minimum data required for reporting on shelter and urban development consistent with the UN resolutions. There is also a searchable Human Settlements Statistical Database at [www.unchs.org/guo/hsdb4/hsdb4.asp](http://www.unchs.org/guo/hsdb4/hsdb4.asp)

*What Do We Want to Know? Selecting Indicators*, by Linda Mayoux for the Enterprise Development Impact Assessment Information Service, a program of the Institute for Development Policy and Management (IDPM), of Manchester University (England), and Women In Sustainable Enterprise Development Ltd., available in several formats from [www.enterprise-impact.org.uk/informationresources/toolbox/selectingindicators.shtml](http://www.enterprise-impact.org.uk/informationresources/toolbox/selectingindicators.shtml) See also their other Toolbox manuals such as *Thinking it Through - Using Diagrams in Impact Assessment*; *Common Methods in Impact Assessment*; and *Social Accounting - a Method for Assessing the Impact of Enterprise Development Activities?* Available at [www.enterprise-impact.org.uk/informationresources/toolbox.shtml](http://www.enterprise-impact.org.uk/informationresources/toolbox.shtml)

### **Portal Sites or Databases on Community or Sustainability Indicators Projects**

*California Community Indicators Projects' Taxonomy*, developed on June 8th, 1998, at the California Community Indicators Meeting hosted by Redefining Progress, in San Francisco. Lists several dozen projects with the contact information then available. Available at [www.redefiningprogress.org/publications/pdf/CI\\_Taxonomy.pdf](http://www.redefiningprogress.org/publications/pdf/CI_Taxonomy.pdf)

*Community Indicator Projects*, part of the *Local Government Guide to the Internet: Online Resources for Communities*, by Priscilla Salant and Christy Dearien for the University of Kentucky Rural Studies program, circa 2000. [www.rural.org/lgg/Ch15\\_CommIndic.html](http://www.rural.org/lgg/Ch15_CommIndic.html)

*Community-Level Indicators: Another way of measuring community health...* a site by Allen Cheadle at the School of Public Health at the University of Washington has an introduction to the topic, links to *Academic Literature* and *Projects using community-level indicators*, and a sampling of health promotion related indicators at <http://faculty.washington.edu/cheadle/cli>

*Community-Level Indicators for Understanding Health and Human Services Issues: A Compendium of Selected Indicator Systems and Resource Organizations*, by Deborah Gibbs and Brett Brown, for the U.S. Department of Health and Human Services, September 2000, <http://aspe.hhs.gov/progsys/Community/index.htm>

*Compendium: A global directory to indicator initiatives*, by the International Institute for Sustainable Development (IISD), Environment Canada, Redefining Progress, the World Bank and the United Nations Division for Sustainable Development, updated by the IISD, Environment Canada and the International Sustainability Indicators Network (ISIN), in 2002. [www.iisd.org/measure/compendium](http://www.iisd.org/measure/compendium) This integrates the former *Community Indicator Projects on the Web* database by Redefining Progress of San Francisco, from Sept. 1999.

*Data and Resource Links* by The United Way of America, State of Caring Index at <http://national.unitedway.org/stateofcaring/datalinks.cfm> and [http://national.unitedway.org/stateofcaring/tools\\_other.cfm](http://national.unitedway.org/stateofcaring/tools_other.cfm)

The *International Sustainability Indicators Network* [www.sustainabilityindicators.org](http://www.sustainabilityindicators.org) has annotated lists and links to *Communities working on Sustainability Indicators* and *Other groups working on Sustainability Indicators* and more via their Resources page at [www.sustainabilityindicators.org/resources/Resources.html](http://www.sustainabilityindicators.org/resources/Resources.html)

*Inventories & Indicators* [www.sustainable.org/creating/indicators.html](http://www.sustainable.org/creating/indicators.html) a “Creating Community Topic Area” by the Sustainable Communities Network in based in Washington, DC. See also their *Case Study Map & Index* section at [www.sustainable.org/casestudies/studiesindex.html](http://www.sustainable.org/casestudies/studiesindex.html) which features “profiles of innovative projects and programs ... that integrate environmental, economic and social goals...as well as numerous links to web sites that describe a wealth of other initiatives,” for each state that you click on, and use its search facility to show items from its “New Resources for Sustainable Communities” newsletter articles discussing various new indicator projects around the continent.

*Key National Performance Indicators Selected Bibliography*, an annotated bibliography presented by the U.S. General Accounting Office (GAO) for the Forum on National Performance Indicators, in Washington, D.C., Feb. 27, 2003. [www.gao.gov/npi/KNPI%20Final%20Bib.pdf](http://www.gao.gov/npi/KNPI%20Final%20Bib.pdf) See also *The United States of America: Developing Key National Indicators*, by Martha Farnsworth Riche, the former Director of the US Census Bureau, which also has a large bibliography of national and international reports and several pages of links or bookmarks of its own (most of which have been incorporated here) [www.gao.gov/npi/usadkni.pdf](http://www.gao.gov/npi/usadkni.pdf)

*Links – Take a Web Tour of Internet Resources on Community Indicator and Data Sharing Projects*, [www.iasc.on.ca/Links.asp](http://www.iasc.on.ca/Links.asp) an annotated inventory of about a dozen Canadian, U.S, and British projects (most of them also contained here), compiled by the Independent Accreditation Services Corp. in Mississauga, ON, a consulting firm which also drafted a two-part feasibility report for an indicators project in Peel, online at [www.iasc.on.ca/Reports.asp](http://www.iasc.on.ca/Reports.asp)

*Local Level State of the Environment & State of the Community Reporting in Canada*, [www.geog.utoronto.ca/CommunityReporting/index.htm](http://www.geog.utoronto.ca/CommunityReporting/index.htm) includes the *Local SOE [State of the Environment] & SOC [State of the Community] Reporting in Canada: Database*, compiled by Virginia Maclaren of the Department of Geography and Program in Planning at the University of Toronto, [www.geog.utoronto.ca/CommunityReporting/EnterDatabase.htm](http://www.geog.utoronto.ca/CommunityReporting/EnterDatabase.htm) with 70 reports in the database [38 SOE and 32 SOC] from 24 Canadian communities from 1993 to 2001, and summaries of each of them, and many reports on same (synthesizing the types of indicators, or reporting the number of reports using each type of indicator).

*Measuring Impact: An Annotated Bibliography*, by the INDEPENDENT SECTOR in Washington, DC, lists publications on Methodological Issues, Social Indicators, and Impact Assessment relevant to the nonprofit sector, but only seems current as of about 1996.

The *Municipalities and the Urban Lens* section of Gilles Séguin's Canadian Social Research Links portal at [www.canadiansocialresearch.net/municipal.htm](http://www.canadiansocialresearch.net/municipal.htm) lists quite a number of Canadian and international projects and organizations engaged in this type of work.

The *Neighborhood Environmental Indicators Project*, [www.neip.org](http://www.neip.org) a portal site by the Pacific Institute for Studies In Development, Environment, and Security in Oakland, California, lists Indicators [projects] in Other Cities, and General Indicators Information [organizations] via [www.neip.org/resources/resources.htm](http://www.neip.org/resources/resources.htm)

*Other Communities with Similar Projects*, by the Larimer County [Colorado] Index of Community Well-being, 2002 [www.co.larimer.co.us/compass/about\\_other.htm](http://www.co.larimer.co.us/compass/about_other.htm)

*Other Sites' Sustainable & Livable Communities Links Pages*, a portal by EcoIQ.com ('Smart Choices Aligning Economics and Ecology') in Cupertino, California [www.ecoiq.com/onlineresources/center/listoflinks/sustainability/communities](http://www.ecoiq.com/onlineresources/center/listoflinks/sustainability/communities)

*Resource Links*, compiled by the Community Research Network, a coalition of nonprofit and government agencies in Louisville, KY [www.crndata.org/links.htm](http://www.crndata.org/links.htm)

*A Sampling of Community-and Citizen-Driven Quality of Life/Societal Indicator Projects*, a background report by Barbara Legowski, for The Quality of Life Indicators Project by the Canadian Policy Research Networks based in Ottawa, 2000, [www.cprn.org/corp/qolip/files/scc\\_e.pdf](http://www.cprn.org/corp/qolip/files/scc_e.pdf)

*Social Indicators: An Annotated Bibliography on Trends, Sources and Developments (1960-1998)*, by Stephen Gasteyer and Cornelia Butler Flora, North Central Regional Center For Rural Development, Iowa State University, 1998, navigable by section via [www.ag.iastate.edu/centers/rdev/indicators/contents.html](http://www.ag.iastate.edu/centers/rdev/indicators/contents.html) or [www.ag.iastate.edu/centers/rdev/indicators/sitemap.html](http://www.ag.iastate.edu/centers/rdev/indicators/sitemap.html) or downloadable all at once via [www.ag.iastate.edu/centers/rdev/indicators/Indicators1.PDF](http://www.ag.iastate.edu/centers/rdev/indicators/Indicators1.PDF)

The *Social Indicators Launchpad* [www.ccsd.ca/lp.html](http://www.ccsd.ca/lp.html) compiled by the Canadian Council on Social Development (CCSD) in Ottawa, links to dozens of indicator projects. See also their main social indicators page [www.ccsd.ca/soc\\_ind.html](http://www.ccsd.ca/soc_ind.html) for links to their conference proceedings, and a bibliography.

*Sustainability Projects in Other Cities and Areas*, compiled by the Sustainability Indicators Project of Bastrop, Caldwell, Hays, Travis, and Williamson Counties [Texas] online at [www.centex-indicators.org/links\\_cities.html](http://www.centex-indicators.org/links_cities.html) and see their links on other resources at [www.centex-indicators.org/links.html](http://www.centex-indicators.org/links.html)

## **Section 2: Case Studies or Reports with Data on Community or Regional Level Indicators Initiatives in Particular Countries, Provinces, or Types of Communities**

### **Canadian Projects**

Note, because of the thoroughness of the first two sites listed below, this inventory will generally concentrate on recent or ongoing Canadian community indicators projects, taking place since 2000. For older projects, see the Maclaren database cited immediately below, which contains projects from Alberta, British Columbia, New Brunswick, and Ontario, and a few state of the environment reports from Québec and Saskatchewan.

### **Pan-Canadian projects or Portal Sites**

The *Local SOE & SOC Reporting in Canada: Database*, compiled by Virginia Maclaren of the Department of Geography and Program in Planning at the University of Toronto, [www.geog.utoronto.ca/CommunityReporting/EnterDatabase.htm](http://www.geog.utoronto.ca/CommunityReporting/EnterDatabase.htm) has 70 reports in its database (38 SOE [State of the Environment] and 32 SOC [State of the Community]) from 24 Canadian communities from 1993 to 2001, with summaries of each of them, and many small reports on them (synthesizing the types of indicators, or reporting the number of reports using each type of indicator, e.g.). The more Environmentally oriented reports are listed with the links for their summaries at [www.geog.utoronto.ca/CommunityReporting/SOEs summaries.htm](http://www.geog.utoronto.ca/CommunityReporting/SOEs summaries.htm) and the State of the Community reports and the 4 to 6 page summaries of them are listed at [www.geog.utoronto.ca/CommunityReporting/SOC summaries.htm](http://www.geog.utoronto.ca/CommunityReporting/SOC summaries.htm) There is a good deal of overlap in the types of indicators used in both sets of reports, however.

A portal site listing and describing a number of more environmentally oriented Canadian projects is the *Sustainability Report*, a Program of the York Centre for Applied Sustainability at York University, in its *Sustainability Reports Across Canada – Local Reports* section at [www.sustreport.org/resource/local.html](http://www.sustreport.org/resource/local.html) and the interactive *Sustainability Reporting: A Cross-Canada Survey* section at [www.sustreport.org/resource/reports.html](http://www.sustreport.org/resource/reports.html) It only appears to be current as of 2000, however, so many of the links will not work..

The CMHC *COMLE (Community Oriented Model of the Lived Environment)* project by the Canada Mortgage and Housing Corporation. This was a pilot program in the 1990s with a new survey instrument or scale they developed, and piloted in four cities: Greater Moncton, Toronto, Quebec and Fort McMurray. It is discussed in a number of places:

- *Developing Quality of Life Indicators in Canadian Municipalities*, a CMHC research bulletin (*Research and Development Highlights, Socio-Economic Series*, Issue 10, April 1993) online in a flawed file at [www.cmhc-schl.gc.ca/publications/en/rh-pr/socio/socio010.pdf](http://www.cmhc-schl.gc.ca/publications/en/rh-pr/socio/socio010.pdf)
- “Identifying the Quality of Life in Your Community, Quality of Life Indicators,” a short article by D.H. Sherwood *et al.* in *Plan Canada*, Nov. 1993, pp. 11-15 (this is the journal of the Canadian Institute of Planners, homepage [www.cip-icu.ca](http://www.cip-icu.ca))
- *Quality of life indicators: a pilot test of the community oriented model of the lived environment*, by David H. Sherwood, a 100 page report issued by the Centre for Future Studies in Housing and Living Environments. Ottawa, 1996 [ISBN 0-660-16946-0, Cat. No. NH15-172/1997E] which might be available for purchase from Canada Mortgage and



Housing Corporation, CMHC Information Products, Suite 1000, 700 Montreal Road K1A 0P7. Ph.: 1-800-668-2642. Outside Canada call 1-613-748-2003 or fax 1-613-748-2016 (see Document Delivery: [www.cmhc-schl.gc.ca/en/library/rerese/rerese\\_001.cfm](http://www.cmhc-schl.gc.ca/en/library/rerese/rerese_001.cfm) )

- “Urban Spaces and Quality of Life: Moving Beyond Normative Approaches,” an article by Gilles Sénécal of INRS-Urbanisation, Culture et Société, Université du Québec in *PRI (Policy Research Initiatives) Horizons*, vol. 5, no. 1, circa 2001, online at [http://policyresearch.gc.ca/page.asp?pagenm=v5n1\\_art\\_06](http://policyresearch.gc.ca/page.asp?pagenm=v5n1_art_06)
- “Indicators that count: Measuring population health at the community level,” by Trevor Hancock Ron Labonté, and R. Edwards, in the *Canadian Journal of Public Health/ Revue canadienne de santé publique*, 90 (Supplement 1): S22-S26, 1999, an issue which is available from the Institute of Health Promotion Research at UBC at [www.ihpr.ubc.ca/pdfs/90sup1.pdf](http://www.ihpr.ubc.ca/pdfs/90sup1.pdf)
- Quality of Life in Greater Moncton: 1996, a summary of their project by Virginia Maclaren or her team as part of the *Local SOE & SOC Reporting in Canada: Database*, at [www.geog.utoronto.ca/CommunityReporting/PDFfiles/SOCsummaries/MonctonSOC.pdf](http://www.geog.utoronto.ca/CommunityReporting/PDFfiles/SOCsummaries/MonctonSOC.pdf)

*The FCM Quality of Life Reporting System: Second Report [on] Quality of Life in Canadian Communities*, by the of the Federation of Canadian Municipalities, Ottawa, March 2001; the report is at [www.fcm.ca/english/communications/qol2001.pdf](http://www.fcm.ca/english/communications/qol2001.pdf) and there is a backgrounder on it at [www.fcm.ca/english/communications/march27back-e.htm](http://www.fcm.ca/english/communications/march27back-e.htm) The report is also available in French, [www.fcm.ca/french/communications/qol2001-f.pdf](http://www.fcm.ca/french/communications/qol2001-f.pdf) Many of the cities involved (Vancouver, Burnaby, Calgary, Edmonton, Regina, Saskatoon, Winnipeg, Windsor, London, Waterloo, Sudbury, Toronto, Hamilton, Halton, Peel, York, Ottawa and Halifax) also have their local versions available on each city’s main government site. (E.g., Vancouver has a presentation at [www.city.vancouver.bc.ca/commsvcs/socialplanning/initiatives/fcm/Fcmvan.PDF](http://www.city.vancouver.bc.ca/commsvcs/socialplanning/initiatives/fcm/Fcmvan.PDF)) A third version is expected some time in 2003. The first version, the *Quality of Life Reporting System* was released in 1999, and is also still available online at: [www.fcm.ca/pdfs/fcmeng.pdf](http://www.fcm.ca/pdfs/fcmeng.pdf) and there’s a backgrounder on it at [www.fcm.ca/english/communications/backgrounder.html](http://www.fcm.ca/english/communications/backgrounder.html)

But see also *An Evaluation of the Federation of Canadian Municipalities Quality of Life Reporting System*, a critique of its measures by the Community-University Institute for Social Research, at the University of Saskatchewan, circa 2000, and released for download in 2003 from [www.usask.ca/cuistr/Publications/Janzen%20PDF%20Feb%2003%202003.pdf](http://www.usask.ca/cuistr/Publications/Janzen%20PDF%20Feb%2003%202003.pdf)

Many of the Social Planning Councils across the country produce regular reports on poverty and other quality of life issues in their communities, drawing mainly in Statistics Canada data from the Census or other surveys. Some of these are in the Maclaren database, above, and several are listed below. To locate other SPCs, see the *Social Planning Councils Contact Information and Web Links* compiled by the Canadian Council on Social Development in Ottawa for a partial list at [www.ccsd.ca/subsites/spclist.htm](http://www.ccsd.ca/subsites/spclist.htm) and the Social Planning Network of Ontario has links at <http://spo.laurentian.ca/frames.html?links> The Social Planning and Research Council of BC has also compiled a contact list of dozens of organizations involved in social planning in BC alone at: [www.sparc.bc.ca/supportititems/spn\\_summer2002\\_contact\\_list.pdf](http://www.sparc.bc.ca/supportititems/spn_summer2002_contact_list.pdf) However, even if the local SPCs have websites, the relevant reports often are not online, either because many of them don’t have much IT capacity to keep their sites up, or they have to sell their publications on a cost-recovery basis.

## Alberta projects

*The City of Calgary, Community Strategies Department* has quite an active research department tracking a variety of social and economic matters, not only for the city as a whole but various demographics and communities within it, most of it based on Statistics Canada data, but some arising from its own surveys. Most are available online (some also in hardcopy) and are listed at <http://content.calgary.ca/CCA/City+Hall/Business+Units/Community+Strategies/Publications/Publications.htm> For example, its “Community Social Statistics” let users find key demographic and income data for various neighbourhoods within Calgary, at <http://content.calgary.ca/CCA/City+Hall/Business+Units/Community+Strategies/Community+Social+Statistics/Community+Social+Statistics.htm> and its *Indices of Community Well-Being for Calgary Community Districts* features a variety of census data from 1986, 1991, and 1996 <http://content.calgary.ca/CCA/City+Hall/Business+Units/Community+Strategies/Publications/Indices+of+Community+Well-Being/Indices+of+Community+Well-Being.htm> and its *Social Indicators for Calgary*, first released in 1996, are updated periodically <http://content.calgary.ca/CCA/City+Hall/Business+Units/Community+Strategies/Research+Services/Research+Services.htm>

There is also an independent project by Sustainable Calgary, a coalition started by the Arusha Centre, a local community development organization. They organized workshops where over 2000 Calgarians selected a total of 36 health, economic, social, and environmental indicators to enlarge the narrower set of economic indicators used in the city’s decision-making. They’ve produced two *State of Our City* reports to date at [www.sustainablecalgary.ca/projects/sooc](http://www.sustainablecalgary.ca/projects/sooc) There is a brief account of an ongoing project and some indicators of Calgarians satisfaction with their quality of life from 2001 at [www.sustainablecalgary.ca/related/soc.may2.pdf](http://www.sustainablecalgary.ca/related/soc.may2.pdf)

The *Dover Community Sustainability Project* by the Dover Community Association had a quality of life assessment project about this area of Calgary supported by the Calgary Foundation which is described at [www.sustainablecalgary.ca/related](http://www.sustainablecalgary.ca/related) where there is a link to the 40 report on it from Dec. 2001 [www.sustainablecalgary.ca/related/Dover.pdf](http://www.sustainablecalgary.ca/related/Dover.pdf)

Both Calgary and Edmonton also participate in the Federation of Canadian Municipalities Quality of Life surveys. Calgary has a presentation on its 2002 findings at [www.calgary.ca/DocGallery/BU/community/fcm\\_quality\\_life.pdf](http://www.calgary.ca/DocGallery/BU/community/fcm_quality_life.pdf)

The Edmonton Social Planning Council has produced a semi-annual LIFE (Local Indicators for Excellence) report of 15 health, environmental, economic, and social indicators that measure the quality of life and social health in the city. See [www.edmspc.com/publications.html#edlife](http://www.edmspc.com/publications.html#edlife) to order them, and it has also produced many more reports and fact sheets measuring various facets of the quality of life for the city or some of its sub-populations, which are also listed on that page. (E.g., concerning youth, there is *The Centre of Excellence for Child and Youth Centred Prairie Communities, Edmonton-Site, Stage One Research Report*, by Philip O’Hara and Sarah Dawrant, Nov. 2002 [www.edmspc.com/documents/COE%20first%20stage.pdf](http://www.edmspc.com/documents/COE%20first%20stage.pdf) ). The Maclaren database also summarizes one of these earlier LIFE studies at [www.geog.utoronto.ca/CommunityReporting/PDFfiles/SOCsummaries/EdmontonSOC.pdf](http://www.geog.utoronto.ca/CommunityReporting/PDFfiles/SOCsummaries/EdmontonSOC.pdf)

The City of Edmonton summarizes some of the findings of the 1999 FCM report alongside those of some the earlier LIFE report's findings, in the 2000 Social Plan at [www.gov.edmonton.ab.ca/comm\\_services/strategic\\_services/ContentsFiles/04%20%20Quality%20of%20Life%20Cov.pdf](http://www.gov.edmonton.ab.ca/comm_services/strategic_services/ContentsFiles/04%20%20Quality%20of%20Life%20Cov.pdf) And in its "Indicator Analysis" presentation from Sept. 2002, it addresses the indicators and scope of the third FCM survey (which is expected soon) [www.edmonton.ca/socialplan/documents/IndicatorAnalysisPresentationSept23.pdf](http://www.edmonton.ca/socialplan/documents/IndicatorAnalysisPresentationSept23.pdf) It also has a more baseline data and a fuller discussion of the indicators it is concerned about in the 76-page "Community Services Quality of Life Measures - Community Outcome Measures," March 2003 [www.edmonton.ca/socialplan/documents/CommunityServicesOutcomeIndicators.pdf](http://www.edmonton.ca/socialplan/documents/CommunityServicesOutcomeIndicators.pdf) and there are other document in the "Projections and Indicators" section of its Social Plan series at [www.edmonton.ca/socialplan/list\\_OneSection.asp?ID=7](http://www.edmonton.ca/socialplan/list_OneSection.asp?ID=7)

The *Pembina Institute for Appropriate Development*, in Drayton Valley and Calgary, Alberta (and an Ottawa office, as well) has a series of 28 background reports on their development of individual GPI (Genuine Progress Indicator) indicators and applying them to Alberta, at [www.pembina.org/publications\\_display.asp?category=3](http://www.pembina.org/publications_display.asp?category=3) such as *The Alberta GPI Blueprint: The Genuine Progress Indicator (GPI) Sustainable Well-Being Accounting System* (2001) [www.pembina.org/pdf/publications/gpi\\_blueprint.pdf](http://www.pembina.org/pdf/publications/gpi_blueprint.pdf) both by Mark Anielski.

### **British Columbia projects**

The *BC Check-Up* [www.bccheckup.com](http://www.bccheckup.com) is an annual report first produced by the Chartered Accountants of British Columbia in 1999, intended to offer "a comprehensive profile of British Columbia as a place in which to live, work, and invest." Subsequent versions have added more indicators (which are now on Income; Health; Education; Poverty; Safety; Employment Opportunity; Labour Force Compensation; Working Conditions; Employment Equity; Labour Market Stability; and several Investment related ones: Construction Costs; Labour Costs; Export Prices; After Tax Profits; Debt to GDP Ratio), and include comparisons to Alberta, Ontario, and the national average, concerning indicators. Much of the data is from Statistics Canada.

The City of Kamloops has rather cleverly engaged the unpaid services of the students of an Urban Planning seminar at the University of British Columbia to help it come up with a sustainability plan and possibly some tailor made quality of life surveys patterned after the Federation of Canadian Municipalities' reports. The course began this Sept. 2003, and is called Plan 548G (6), Applied Planning: Neighbourhoods, Livability and Sustainability – Kamloops, BC, and offered through the School of Community & Regional Planning by Andrew Tucker; the syllabus was online at [www.scarp.ubc.ca/courses/plan548G.pdf](http://www.scarp.ubc.ca/courses/plan548G.pdf)

The *Communities in Action Reports*, by the United Way of the Lower Mainland, in Burnaby, B.C., Jan. 2002, feature profiles of several communities near Vancouver using a series of economic and social indicators. The *Community Profile Snapshot - Maple Ridge, Pitt Meadows & Katzie Community* is at [www.uwlm.ca/communitiesinaction/Maple\\_report.html](http://www.uwlm.ca/communitiesinaction/Maple_report.html) where there are links to other four series. See also the *Community Impact Profile for Surrey/White Rock* prepared by John Talbot & Associates, hosted by the Surrey Public Library at [www.spl.surrey.bc.ca/CommunityInfo/CommunityImpactProfile/defaultpage.htm](http://www.spl.surrey.bc.ca/CommunityInfo/CommunityImpactProfile/defaultpage.htm)

“Competitiveness” and Well-Being in British Columbia and Washington State, by Donna Vogel, the Canadian Centre for Policy Alternatives – BC Office, June 2001, a special issue of their newsletter, *In Search of the Good Life*, compares the two regions using a variety of criteria in addition to just their average incomes and amount of taxes they pay. Available at [www.policyalternatives.ca/bc/wa-bc.pdf](http://www.policyalternatives.ca/bc/wa-bc.pdf) and see the main BC provincial [www.policyalternatives.ca/bc](http://www.policyalternatives.ca/bc) and national CCPA [www.policyalternatives.ca/index.html](http://www.policyalternatives.ca/index.html) sites for similar pieces on an ongoing basis.

The *District of Sechelt* on the Sunshine Coast a little north of Vancouver has a *Report Card for a Sustainable Community* from Oct. 2002 with three sub-reports with various indicators: the Economic Goals, Social Goals, and Environmental Goals, which are all available for download from the right-hand side of [www.district.sechelt.bc.ca/aboutus/features/rcsustaincomm.php](http://www.district.sechelt.bc.ca/aboutus/features/rcsustaincomm.php)

The *Nuxalk First Nation Community Profile: Bella Coola, BC*, by Rhonda Carriere of the Simon Fraser University Community Economic Development Centre, Jan. 1999, is a benchmarking study of a community’s social, economic and environmental circumstances prior to a CED initiative; online at [www.sfu.ca/cedc/forestcomm/fbackfile/communities/bccp.htm](http://www.sfu.ca/cedc/forestcomm/fbackfile/communities/bccp.htm)

*Progress Nanaimo* and the *Official Community Plan* by the City of Nanaimo on Vancouver Island, BC, [www.city.nanaimo.bc.ca/c\\_strategic/ocp.asp](http://www.city.nanaimo.bc.ca/c_strategic/ocp.asp) has been a multi-stage process of selecting and reporting on at least 27 indicators on its land use, heritage, and environmental conditions. The 1998 baseline report is at [www.city.nanaimo.bc.ca/c\\_strategic/pdf/goals.pdf](http://www.city.nanaimo.bc.ca/c_strategic/pdf/goals.pdf) and a narrative of the social planning process with links to relevant reports is (such as *The Case For Change: A Social Development Strategy For Nanaimo Discussion Paper*, prepared for the Social Development Strategy Steering Committee) is at [www.city.nanaimo.bc.ca/c\\_strategic/social.asp](http://www.city.nanaimo.bc.ca/c_strategic/social.asp)

*Quality of Life In the Fraser Valley: Working Paper, Regional Growth Strategy*, by the Fraser Valley Regional District in Chilliwack and Deroche, B.C., Nov., 1999, a 55-page report which sets out a framework for assessing their future infrastructure services, online at [www.fvrd.bc.ca/growth/Word\\_Pro\\_-\\_QoL\\_Draft\\_Working\\_Paper\\_Nov\\_1999.pdf](http://www.fvrd.bc.ca/growth/Word_Pro_-_QoL_Draft_Working_Paper_Nov_1999.pdf) They have related technical and survey planning reports at [www.fvrd.bc.ca/growth/technical\\_papers.htm](http://www.fvrd.bc.ca/growth/technical_papers.htm)

*A Report on the Quality of Life in Prince George – the State of the City, Spring, 1997*, [www.pgweb.com/qualitypg](http://www.pgweb.com/qualitypg) by Alex Michalos, of the Institute for Social Research and Evaluation (ISRE), at the University of Northern British Columbia, Prince George (who is also the editor of *Social Indicators Research: An International and Interdisciplinary Journal for Quality-of-Life Measurement*: see [www.kluweronline.com/issn/0303-8300/contents](http://www.kluweronline.com/issn/0303-8300/contents) for its recent contents, with abstracts). Some follow-up reports are also available from the ISRE, both on the region as a whole and for the UNBC student population, at <http://web.unbc.ca/isre/pgpapers.html> Apparently, a 2002 version has been completed, but it is not available on this site, yet.

In *Victoria*, the Community Social Planning Council of Greater Victoria produced a “Quality of Life in BC's Capital Region,” report in 1999 with baseline data, which is still offered for sale (for \$15) from [www.communitycouncil.ca/resources.php](http://www.communitycouncil.ca/resources.php) Apparently they want to produce a follow-up which concentrates on employment, housing, and community connectiveness, but do not have the funding for it. In the meantime, they have a newsletter (called *the Indicator*, no less) which

tracks poverty issues and solicits more stories from readers; its June, 2003 issue is at [www.communitycouncil.ca/nsl\\_final\\_june9.pdf](http://www.communitycouncil.ca/nsl_final_june9.pdf) The Council's new spin-off site, the *Quality of Life CHALLENGE* [www.qolchallenge.ca](http://www.qolchallenge.ca) is dedicated to featuring these tales and tracking the local poverty statistics and assembling anti-poverty resources.

## **Manitoba projects**

*Census - Neighborhood Profiles: The City of Winnipeg - 1996 Census Neighborhood Profiles [for] 15 Winnipeg Wards [and] 228 Winnipeg Neighborhoods*, featuring census data concerning Total Population (from 1971 to 1996); Population by Age; Marital Status; Census Families (size, type, with children, income); Households (size, type, income); Composition of Total Income; Incidence of Low Income; Citizenship; Knowledge of Languages; Aboriginals; Visible Minorities; Education (school attendance, education attainment); Labor Force (by age group, sectors); Transportation Mode To and From Work; Change in Residence; Dwelling (type, condition, tenure); and Land Area (their own addition), available in a series of pdf or Excel tables at [www.city.winnipeg.mb.ca/census1996](http://www.city.winnipeg.mb.ca/census1996) There will be 2001 versions in due course.

*The City of Winnipeg Quality of Life Indicators*, 1997, arising from Plan Winnipeg, available from the International Institute for Sustainable Development, [www.iisd.org/pdf/wpg.qoli.pdf](http://www.iisd.org/pdf/wpg.qoli.pdf) There is also a *Winnipeg Quality of Life Project* in progress by Leslie L. Roos, Jr., Katherine Leigh Frohlich, Derek Pachal, and Shirley Forsyth as part of the Winnipeg Inner-City Research Alliance (WIRA) based at the Institute of Urban Studies at the University of Winnipeg which "addresses the lack of neighbourhood statistical data and survey information on the quality of life in inner-city communities. The research will develop a set of quality of life indicators appropriate to the Winnipeg context, and use these indicators to collect information about Winnipeg neighbourhoods. This data will be synthesized with existing social indicator statistics to create a comprehensive information base, thereby establishing a baseline by which to measure changes in overall quality of life." This abstract is from their Projects page where the impending report will likely be posted: [http://io.uwinnipeg.ca/~ius/wira/Research\\_Projects/projects.htm](http://io.uwinnipeg.ca/~ius/wira/Research_Projects/projects.htm)

*Indicators and Correlates of Social Exclusion among Manitoba's Aboriginal Working Age Population*, by Harvey Stevens, a presentation to the What Do We Know and Where Do We Go, Building a Social Inclusion Research Agenda, 2003 Social Inclusion Research Conference hosted by the Canadian Council on Social Development, March 27-28, 2003 available online at [www.ccsd.ca/events/inclusion/papers](http://www.ccsd.ca/events/inclusion/papers) along with many of the other papers from that session.

*Manitoba Community Profiles* [www.communityprofiles.mb.ca](http://www.communityprofiles.mb.ca) is a series of perhaps hundreds of reports online on "on every community and region in Manitoba" available on a range of issues which have been put together by the Government of Manitoba's department of Intergovernmental Affairs. There are community, regional, and provincial level profiles available in both html and pdf format, "covering everything from location (maps) to quality of life indicators (demographics, population, labour force, education, history, recreational facilities) to economic indicators (utilities, transportation, taxation, land, buildings & development)."

The *Rural Health Research Group* directed by Robert Annis and coordinated through the Rural Development Institute at Brandon University is focusing on the health of rural populations and

identifying the factors that have an impact on the health of populations in Canada. They have had a pilot study with two Manitoba communities consulting them about what indicators to use, produced a literature review and some framework document on health promotion indicators issues and developed a manual (*Rural Community Guide for Assessing Well-Being and Quality of Life*, with a working draft online at [www.brandonu.ca/organizations/RDI/sshrc\\_wkbb.html](http://www.brandonu.ca/organizations/RDI/sshrc_wkbb.html)). The papers and presentations from this project by Mike Kolba, Mark Matiassek, Kim Ryan-Nicholls, Fran Racher, and others, are listed at [www.brandonu.ca/organizations/RDI/SSHRC%20Website/sshrc\\_papers\\_&\\_presentations.htm](http://www.brandonu.ca/organizations/RDI/SSHRC%20Website/sshrc_papers_&_presentations.htm) but the site hosting those papers, <http://rhrh.brandonu.ca> was not functioning as of this writing. Some of the papers from this project are available under the Rural Health section of the Institute's main publication page at [www.brandonu.ca/organizations/rdi/publications.html](http://www.brandonu.ca/organizations/rdi/publications.html)

### **New Brunswick projects**

The City of Moncton produced a Quality of Life report in 1996, "Creating Tomorrow Together" which is summarized on Virginia Maclaren's Local SOE & SOC Reporting in Canada: Database, at [www.geog.utoronto.ca/CommunityReporting/PDFfiles/SOCsummaries/MonctonSOC.pdf](http://www.geog.utoronto.ca/CommunityReporting/PDFfiles/SOCsummaries/MonctonSOC.pdf) The Community Foundation of Greater Moncton has indicated it was going to do it again, and it would be completed by 2001. [www.inspirationfoundation.ca/quality\\_of\\_life.htm](http://www.inspirationfoundation.ca/quality_of_life.htm) However, it is not on their site (which itself has not been updated since 2001), and the minutes from the city council from the Spring of 2002 indicate that they were about to proceed with releasing an RFP for the study [www.moncton.org/agendas/2002/M20020402.pdf](http://www.moncton.org/agendas/2002/M20020402.pdf) Interestingly, the NB HRDC annual report for 2000 also says that Moncton is participating in a *national* quality of life survey, but it does not elaborate on whose it is [www.nb.hrhc-drhc.gc.ca/moncton/lmi/annual00.pdf](http://www.nb.hrhc-drhc.gc.ca/moncton/lmi/annual00.pdf)

In the meantime, Moncton has also teamed up with two adjoining cities, Riverview and Dieppe, in the *Action 2000* project. In 2001, they had a student from COG – the Centre of Geographic Sciences, of the department of Planning: Land Information Technology at the Annapolis Valley Campus of Nova Scotia Community College – do a project to "investigate sustainable development indicators for the Tri-City of Moncton, Riverview and Dieppe, and to determine their applicability for a state of the environment report for that area." There is a report and presentation available from this at [www.cogs.ns.ca/planning/projects/plt2002/research.html](http://www.cogs.ns.ca/planning/projects/plt2002/research.html) (warning, they're both 2.15 mb). The *Action 2000* committee itself also commissioned a survey on the environmental views and habits of the residents which is available on its site [www.action2000.nb.ca](http://www.action2000.nb.ca) along with a few other reports. Since this was essentially a Millennium project, it appears to have wound down, however.

The *Maritime Series – State of the Regions* reports by CIRRD, the Canadian Institute for Research on Regional Development at the University of Moncton, include three 145 page reports so far available from [www.umoncton.ca/icrdr/fs\\_act\\_pub\\_colmar\\_etat\\_en.html](http://www.umoncton.ca/icrdr/fs_act_pub_colmar_etat_en.html) concerning N.B., with economic, socio-demographic, and other data on:

- The Economic Region of Southwest New Brunswick (2001)
- The Economic Region of Northeast New Brunswick (1999)
- The Economic Region of Southeast New Brunswick (1996)

There are two more slated to follow, on Northwest and Central New Brunswick. Also available in French from [www.umoncton.ca/icrdr/fs\\_act\\_pub\\_colmar\\_etat\\_fr.html](http://www.umoncton.ca/icrdr/fs_act_pub_colmar_etat_fr.html)

## **Newfoundland and Labrador projects**

*Community Accounts* [www.communityaccounts.ca](http://www.communityaccounts.ca) developed by the Newfoundland & Labrador Statistics Agency, Economic Research and Analysis division, as part of the Strategic Social Plan Newfoundland and Labrador. The site allows one to build tables or charts on a fairly broad range of economic and well-being indicators at either the community or regional level (in NF), and there are pop-up menus available to define the indicators in use, and where the data came from.

Besides some background and working papers site about the development and role of these indicators which are available on this site, there are also three main reports on this project at the provincial level: *From the Ground Up*, “the province’s first-ever report that measures well-being and quality of life in Newfoundland and Labrador,” released April 2003, with the most current data, available at [www.gov.nf.ca/ssp/TOCftgu.asp](http://www.gov.nf.ca/ssp/TOCftgu.asp) and its Background Report, *From the Ground Up: Benchmarking the Vision and Values of our Strategic Social Plan*, with the corresponding data as of 1998, before their Strategic Plan was implemented, at [www.communityaccounts.ca/SALandscape/default2.asp](http://www.communityaccounts.ca/SALandscape/default2.asp) and the Strategic Social Plan itself, *People, Partners & Prosperity*, which made the case for why a “social audit,” or “independent review of the social and economic well being of communities,” was needed. [www.gov.nf.ca/SSP/ssp.pdf](http://www.gov.nf.ca/SSP/ssp.pdf) (warning: this is a large, 3.6 mb file)

## **Nova Scotia projects**

*Municipal Indicators*, [www.gov.ns.ca/snsmr/muns/indicators/default.asp](http://www.gov.ns.ca/snsmr/muns/indicators/default.asp) assembled by the Government of Nova Scotia Department of Service Nova Scotia and Municipal Relations at enable users to see the data on a whole series of economic, demographic, social, political, and infrastructure indicators\* for all its municipalities for two fiscal years, either plotted individually for a single indicator and community, or all at once in a spreadsheet (\*they are: Taxes as a % of Total Revenue; Transfers from Other Governments; Residential Tax Burden (RTB); Uniform Assessment per Dwelling Unit; Mandatory Expenditures; Expenditures per Dwelling Unit; Liquidity Ratio; Deficits Last 5 years; Uncollected Taxes; Reserves as a % of Expenditures; Debt Service Ratio; Debt Outstanding/ Uniform Assessment; Capital from Revenue; Total Capital From Operating; Increase in Uniform Assessment; Commercial/Total Assessment; Average Household Income (AHI); Residential Tax Burden/ Average Household Income (RTB/AHI); Change in Population; Age Profile; Voter Turnout; Municipal Elections Candidates; Training Costs per Employee; Succession Planning; Strategic Planning; Documentation; Legislative/Capita; Administration/Capita;. Police Services/\$1,000 Assessment; Police Services/Capita; . Fire Services/\$1,000 Assessment; Fire Services/Capita; Roads and Streets; Storm and Wastewater/Km; Sewer Main Backups/Km; Solid Waste Collection/Ton; Solid Waste Disposal/Ton; Recycling Costs/Ton; Water Treatment & Distribution; Water Tests; and Water Main Breaks/Km). The place to download is: [www.gov.ns.ca/snsmr/muns/indicators/public](http://www.gov.ns.ca/snsmr/muns/indicators/public)

At the provincial level, Nova Scotia publishes a monthly report, *Nova Scotia Economic Indicators*, [www.gov.ns.ca/finance/publish/publicationsb.asp?id=Pub15](http://www.gov.ns.ca/finance/publish/publicationsb.asp?id=Pub15) “a compendium of key economic indicators for Canada and Nova Scotia ...[which] are updated on a monthly, quarterly, and annual basis. Summary tables include statistics on population, migration, labour force,

consumer price index, income, retail trade, commodity sectors, construction, and gross domestic product,” as well as the health reports and status of women reports included elsewhere in this inventory. There was also an interesting Private Member’s Bill calling for even more transparency: the “Well-being Measurement Act,” introduced by Howard Epstein on May 30, 2001, [www.gov.ns.ca/legislature/legc/bills/58th\\_2nd/1st\\_read/b065.htm](http://www.gov.ns.ca/legislature/legc/bills/58th_2nd/1st_read/b065.htm) calling for the development of a provincial level indicators report on the “social and environmental well-being of people, communities and ecosystems in the Province,” to be produced and published annually. It didn’t make it past the first reading, however (as with most private member’s bills).

The *GPI Atlantic* institute in Halifax, Nova Scotia has pursued developing an index of sustainable development and well being – the Genuine Progress Index – apart from traditional economic measures, and has a number of publications applying this system to Nova Scotia, available through [www.gpiatlantic.org/pubs.shtml](http://www.gpiatlantic.org/pubs.shtml) (many of them for a cost-recovery fee) and many free presentations at [www.gpiatlantic.org/ppt/index.shtml](http://www.gpiatlantic.org/ppt/index.shtml)

The *Maritime Series – State of the Regions* reports by CIRRD, the Canadian Institute for Research on Regional Development at the University of Moncton, include three 145 page reports available from [www.umoncton.ca/icrdr/fs\\_act\\_pub\\_colmar\\_etat\\_en.html](http://www.umoncton.ca/icrdr/fs_act_pub_colmar_etat_en.html) concerning N.S., with economic, socio-demographic, and other data on:

- The Economic Region of Annapolis Valley and Halifax (2003)
- The Economic Region of Southwestern Nova Scotia (2000)
- The Economic Region of Northeastern Nova Scotia (1997)

Also available in French from [www.umoncton.ca/icrdr/fs\\_act\\_pub\\_colmar\\_etat\\_fr.html](http://www.umoncton.ca/icrdr/fs_act_pub_colmar_etat_fr.html)

The *Rural Report: Painting the Landscape of Rural Nova Scotia* by RCIP – Rural Communities Impacting Policy – a collaboration between the Atlantic Health Promotion Research Centre of Dalhousie University and the Coastal Communities Network [www.ruralnovascotia.ca](http://www.ruralnovascotia.ca) This is an interactive site in which various statistics pop up corresponding to the topic and region of Nova Scotia you select, available at [www.ruralnovascotia.ca/ruralreport/rural\\_report.htm](http://www.ruralnovascotia.ca/ruralreport/rural_report.htm)

## **Ontario projects**

*Adult Quality of Life Profile*, by the Quality of Life Research Unit, University of Toronto, 2002, linked from the bottom of [www.utoronto.ca/qol](http://www.utoronto.ca/qol) See also their Lawrence Heights and Riverdale community reports from 1996-97, [www.utoronto.ca/qol/comReports.htm](http://www.utoronto.ca/qol/comReports.htm)

*Assessing the Effects of Bloor Street Intensification on the Quality of Life of the Annex Community*, by Kate Krelove, Matthew B. Slutsky, Joanne H. Lee, and Carrie K. Au, a Research Project for the ENV421H Environmental Research course at the University of Toronto, April 2002, [www.cquest.utoronto.ca/env/env421h/BloorStreet/QoL.pdf](http://www.cquest.utoronto.ca/env/env421h/BloorStreet/QoL.pdf) a 66-page report which involves a literature review and overview of the urban Quality of Life movement and the measures used in it, and a history of, interviews on, and an assessment of the impact of over-developing a certain area of Toronto.

*Economic Impact of Community-Based Training: Social Audit Report of Five Ontario Sites, Final Report*, by: B.J. (Betty Jane) Richmond, for the Ontario Network of Employment Skills



Training Projects, Toronto, and Human Resources Development Canada, 1998; online at [www.onestep.on.ca/aboutus/pubs/auditENG.pdf](http://www.onestep.on.ca/aboutus/pubs/auditENG.pdf) This project involved estimating the economic impact of adult education programs, partly by reference to indicators such as the unemployment and poverty rates pre- and post-intervention. It formed the basis for the subsequent doctoral dissertation by this author (*Counting on Each Other: A Social Audit Model to Assess the Impact of Nonprofit Organizations*, University of Toronto, 1999) and a new book with her colleagues Jack Quarter and Laurie Mook at the Ontario Institute for Studies in Education (OISE) at the University of Toronto: *What Counts: Social Accounting for Nonprofits and Cooperatives* (Prentice Hall, 2003).

*Demographic Profile for Southwestern Ontario*, by J. Sarkella, for the Southwest Region Health Information Partnership, London, ON, 2001, a comprehensive report based primarily on Census data, available at [www.srhip.on.ca/SRHIP/products/index.htm](http://www.srhip.on.ca/SRHIP/products/index.htm) along with other, more specific types of health or youth related profiles.

The *Elliot Lake Tracking Study: 1990-2000* project by INORD, the Institute for Northern Ontario Research and Development at Laurentian University <http://inord.laurentian.ca> in Sudbury, tracked the effects on a community resulting from the loss of its major employer (a mining company). There are numerous reports involving indicators available online, such as *The Social Impact of Mass Layoffs in Elliot Lake, Ontario: Final Report of the Social and Institutional Costs Sub-Project*, by Anne-Marie Mawhiney and Carol Kauppi, June 1998, <http://inord.laurentian.ca/pdf/1a11.PDF> And new ones such as *21 Measures: A Statistical Review of Sudbury's Socio-Economic Performance*, by David Robinson, March 2003 [http://inord.laurentian.ca/3\\_03/Sudbury%20Economic%20Background%20200f.pdf](http://inord.laurentian.ca/3_03/Sudbury%20Economic%20Background%20200f.pdf)

*Halton* is one of the most studied regions of Canada around: see the new *Planning & Research Papers Pertaining to Halton Region* inventory for a listing of all the local and national reports involving it at [www.region.halton.on.ca/SCS/Policy\\_Planning\\_Research/PDF/s2003.pdf](http://www.region.halton.on.ca/SCS/Policy_Planning_Research/PDF/s2003.pdf) E.g., *The Quality of Life in Halton - Snapshot of a Decade* report by Ted Hildebrandt and Scott Henderson for the Halton Social Planning Council & Volunteer Centre, June 2000, is at [www.haltonspevc.on.ca/pdf/halton\\_qli\\_1990\\_2000.pdf](http://www.haltonspevc.on.ca/pdf/halton_qli_1990_2000.pdf)

*How are we Anyway? Report on Social Indicators in the City of Greater Sudbury*, by the Social Planning Council of Sudbury, ON, Nov. 2002 [www.spcsudbury.ca/How\\_are\\_we\\_anyway.pdf](http://www.spcsudbury.ca/How_are_we_anyway.pdf)

The *Neighbourhood Indicators Information Project* by the Social Planning Council of Peel, Ontario [www.spcpeel.com/projIndicators.asp](http://www.spcpeel.com/projIndicators.asp) from 2001-2002 has involved a feasibility study, a prototype report, a survey of nonprofits on their IT and information systems, and a conference. The SPC of Peel, like most of the Social Planning Councils in Canada, has also produced a series of Socio-Economic profiles of its community, listed at [www.spcpeel.com/Publications.asp](http://www.spcpeel.com/Publications.asp)

The *Quality of Life Index in Ontario* sponsored by the Ontario Social Development Council (OSDC) and the Social Planning Network of Ontario (SPNO) at [www.qli-ont.org](http://www.qli-ont.org) has been measuring and monitoring changes in the living conditions affecting the quality of life in 20 participating communities since 1996, and has issued several reports. A 1998 paper outlining its development, *A Quality of Life Index for Ontario*, by Malcolm Shookner of the Ontario Social

Development Council, which was presented at the Conference on the State of Living Standards and the Quality of Life in Canada in October, 1998 at the Centre for the Study of Living Standards in Ottawa, is available at [www.csls.ca/events/oct98/shook.pdf](http://www.csls.ca/events/oct98/shook.pdf) A number of the research summaries in the Maclaren database also involve some of its component surveys. This is an ongoing project, which has led to many spin-off reports from the Social Planning Councils of the individual cities involved, some of which are listed here.

*The Quality of Life in Ottawa 1990-2000*, by the Social Planning Council of Ottawa with the Social Planning Network of Ontario, Fall 2001, is one such spin-off report. In both English at [www.spcottawa.on.ca/PDFs/Publications/spc\\_Publications\\_Quality%20of%20Life\\_%20Eng.PDF](http://www.spcottawa.on.ca/PDFs/Publications/spc_Publications_Quality%20of%20Life_%20Eng.PDF) and in French at [www.spcottawa.on.ca/PDFs/Publications/spc\\_Publications\\_QualityofLife\\_French.PDF](http://www.spcottawa.on.ca/PDFs/Publications/spc_Publications_QualityofLife_French.PDF) See also their *A Profile of the Ottawa Population - Demographic Report 1996-2001*, from Dec. 2002, which is based on Census data, available at [www.spcottawa.on.ca/new\\_home\\_e.htm](http://www.spcottawa.on.ca/new_home_e.htm) (also available in French at [www.spcottawa.on.ca/new\\_home\\_french.htm](http://www.spcottawa.on.ca/new_home_french.htm))

*Quality of Life in Peterborough – Report 2000*, by the Social Planning Council of Peterborough, Dec. 2000, available online at [www.pspc.on.ca/index\\_files/page0013.html](http://www.pspc.on.ca/index_files/page0013.html) which also lists the *Peterborough Profile 1999* it is a follow-up to (only available in hardcopy, but the 1998 version which is part of the Quality of Life in Ontario series is summarized online by Maclaren at [www.geog.utoronto.ca/CommunityReporting/PDFfiles/SOCsummaries/PeterboroughSOC.pdf](http://www.geog.utoronto.ca/CommunityReporting/PDFfiles/SOCsummaries/PeterboroughSOC.pdf)) and their *Municipal Social Plan, 2002*.

The Community Development Council of *Quinte* [www.lks.net/~cdc/index.html](http://www.lks.net/~cdc/index.html) participates in the Ontario Quality of Life reports and has a number on its own region on its site, such as *Progress and Setbacks in Quinte 1990-1999*, at [www.lks.net/~cdc/qliq2000.html](http://www.lks.net/~cdc/qliq2000.html)

*Taking Toronto's Vital Signs: The Toronto Indicator Project* was a collaborative three-year project funded by the Toronto Community Foundation and carried out York Centre for Applied Sustainability, University of Toronto and Ryerson Polytechnic University in the late 90s, which involved developing 26 social, environmental and economic indicators and gathering data on them to assess the health and sustainability of the Toronto region. But the former site for its reports [www.torontovitalsigns.com](http://www.torontovitalsigns.com) is offline, and there is now no trace of them online.

However, a much more economically oriented one is: *Greater Toronto Area Quality of Life*, a 24 page. 1.5 mb brochure circa by GTMA (the Greater Toronto Marketing Alliance), SMART Toronto, HRDC and Deloitte & Touche draws on a number of international studies as well as local data to situate that city in an international context and highlight its amenities [www.greater.toronto.on.ca/gta/q\\_life/q\\_life\\_pdf/qualityoflife.pdf](http://www.greater.toronto.on.ca/gta/q_life/q_life_pdf/qualityoflife.pdf)

*VISION 2020: Hamilton's Commitment to a Sustainable Community*, contains numerous reports on its site at [www.vision2020.hamilton-went.on.ca/default.asp](http://www.vision2020.hamilton-went.on.ca/default.asp) such as *Seeing 2020, Final Report: Implementing Vision 2020*, and *Monitoring Motion: Towards a Sustainable Community - Annual Sustainability Indicators Report 2000/2001* (warning: this is a 7.8 mb file). Or see *Hamilton-Wentworth Sustainable Community Indicators*, a conference paper presented by Bill Pearce of the Hamilton-Wentworth Environment Department, at the *Targeting Sustainability:*

*Indicators for Sustainable Communities Conference* at the University of Texas at Austin April 25, 1998, with the paper now hosted by the CPRN at [www.cprn.com/corp/qolip/files/hwei.pdf](http://www.cprn.com/corp/qolip/files/hwei.pdf)

### **Prince Edward Island projects**

The *Maritime Series – State of the Regions* reports by CIRRD, the Canadian Institute for Research on Regional Development at the University of Moncton, includes *The Economic Region of Prince Edward Island, 1998*, a 145 page reports with economic, socio-demographic, and other data, available from [www.umoncton.ca/icrdr/fs\\_act\\_pub\\_colmar\\_etat\\_en.html](http://www.umoncton.ca/icrdr/fs_act_pub_colmar_etat_en.html) Also available in French from [www.umoncton.ca/icrdr/fs\\_act\\_pub\\_colmar\\_etat\\_fr.html](http://www.umoncton.ca/icrdr/fs_act_pub_colmar_etat_fr.html)

*Prince Edward Island Health Indicators: Provincial and Regional*, by Linda Van Til, for the Government of Prince Edward's Department of Island Health and Social Services, Jan. 2003. [www.gov.pe.ca/photos/original/hss\\_healthind02.pdf](http://www.gov.pe.ca/photos/original/hss_healthind02.pdf) See also *The Prince Edward Island Report on Common Health Indicators*, by Sept. 2002, with the highlight document at [www.gov.pe.ca/photos/original/hss\\_common\\_high.pdf](http://www.gov.pe.ca/photos/original/hss_common_high.pdf) and the full report and other reports on the performance of their Dept. or individual regions at [www.gov.pe.ca/hss](http://www.gov.pe.ca/hss) PEI also has gender and environmental reports listed elsewhere in this inventory.

### **Québec projects**

The *Citizen Engagement Initiative of the Notre-Dame-de-Grâce (NDG) Community Council* has assessed the amount of volunteering, voting, and other types of civic engagement that their residents have engaged in, over the course of several years, for this suburb of Montreal. The *Final Report of the Citizen Engagement Initiative of the NDG Community Council*, July 10, 2001, is at [www.ndg.montreal.qc.ca/Documents/CEI-Final-Report-2001.pdf](http://www.ndg.montreal.qc.ca/Documents/CEI-Final-Report-2001.pdf) and there are also other reports by them at [www.ndg.montreal.qc.ca](http://www.ndg.montreal.qc.ca)

*Portrait de la santé et du bien-être de la population de la Chaudière-Appalaches et de ses territoires de MRC, Volet í Sociodémographique et économique : évolution 1991-1996, 2e édition*, par Sylvie Veilleux et Chantal Beudet (Sainte-Marie, RRSSS de Chaudière-Appalaches, 2000) [www.rss12.gouv.qc.ca/pdf/Sociodemo-2e\\_edition\\_avril-2000.pdf](http://www.rss12.gouv.qc.ca/pdf/Sociodemo-2e_edition_avril-2000.pdf) (A 170 page report with comparative profiles of a dozen or so counties of lower Québec using lots of socio-economic and demographic indicators from the 1991 and 1996 census surveys.)

The *Portrait social du Québec Données et analyses Édition 2001* by Le Institut de la statistique du Québec profiles the quality of life in Quebec through a wide range of indicators. It is not only available for purchase, but also for free downloading (in French only). Its table of contents with links to each chapter is at [www.stat.gouv.qc.ca/publications/conditions/table\\_social2001\\_an.htm](http://www.stat.gouv.qc.ca/publications/conditions/table_social2001_an.htm) See also the “Familles, ménages et niveau de vie” (Society - Families, Households and Standard of Living) section for related publications, at [www.stat.gouv.qc.ca/publications/conditions](http://www.stat.gouv.qc.ca/publications/conditions) including the precursor to that report, *Portrait social du Québec, 1992*. There is also an interactive *Regional Profiles* page, with data on the Economic Situation; size of government; Demography; Education levels; Families, Households and Living Conditions; and Labour Force and Remuneration at [www.stat.gouv.qc.ca/regions/profils/statistique\\_profils\\_fixe\\_an.htm](http://www.stat.gouv.qc.ca/regions/profils/statistique_profils_fixe_an.htm) The English homepage for the QC Department of Statistics is [www.stat.gouv.qc.ca/default\\_an.htm](http://www.stat.gouv.qc.ca/default_an.htm)

There are several publications or reports by Québec researchers related to measuring the size, scope, or impact of the social economy, both within Canada and abroad. They are:

- *L'évaluation de l'économie sociale, quelques enjeux de conceptualisation et de méthodologie*, par Marie J. Bouchard, Jean-Marc Fontan, Éline Lachance, et Laurent Fraisse, Cahiers du CRISES Collection Internationale no I-0301, Mars 2003, [www.crisis.uqam.ca/cahiers/2003/I-0301.pdf](http://www.crisis.uqam.ca/cahiers/2003/I-0301.pdf)
- *L'économie sociale à la loupe. Problématique de l'évaluation des entreprises de l'économie sociale*, par Marie J. Bouchard et Jean-Marc Fontan, circa 2001. [www.ond.uqam.ca/publications/telechargements/evaluation.pdf](http://www.ond.uqam.ca/publications/telechargements/evaluation.pdf)
- *L'économie sociale et l'action communautaire en indicateurs, Comité sectoriel de main-d'œuvre l'action communautaire*, par l'Alliances de Recherche Universités-Communautés [www.aruc-es.uqam.ca/aruces/evaluation/Binhas.pdf](http://www.aruc-es.uqam.ca/aruces/evaluation/Binhas.pdf) (See also [www.aruc-es.uqam.ca/aruces/activites/projets.htm](http://www.aruc-es.uqam.ca/aruces/activites/projets.htm) for other projects by them).
- *L'économie sociale et solidaire en Europe et dans les Amériques (Étude comparative internationale). Définitions et indicateurs sociaux et économiques : mieux comprendre l'évolution pour mieux agir*, par le Comité sectoriel de main-d'œuvre de l'économie sociale et de l'action communautaire, Montréal, 2001. For purchasing information see [www.csmoesac.qc.ca/publications/publications.htm](http://www.csmoesac.qc.ca/publications/publications.htm) or [www.carrefourqdl.qc.ca/carrefour/fichesbiblio/Fichebiblio\\_108.htm](http://www.carrefourqdl.qc.ca/carrefour/fichesbiblio/Fichebiblio_108.htm)
- There was also a recent conference on this: *La performance et les impacts économiques et sociaux des entreprises collectives : une question de mesure ?* Colloque annuel 2003 du CIRIECI. May 20-21, 2003. Rimouski, Quebec. The program for it which lists the presenters' talks is online at [www.uqo.ca/crdc-geris/crdc/qoideneuf/ciriec.acfas.pdf](http://www.uqo.ca/crdc-geris/crdc/qoideneuf/ciriec.acfas.pdf)

### **Saskatchewan projects**

*Achieving a Healthy, Sustainable Community Quality of Life in Saskatoon, Saskatchewan, Research Summary*, by Allison Williams *et al.*, of the Community-University Institute for Social Research: Quality of Life Module, at the University of Saskatchewan, 2001. Online at [www.usask.ca/cuisr/Publications/QOLSUM2002.pdf](http://www.usask.ca/cuisr/Publications/QOLSUM2002.pdf) See also their “*Building a Caring Community*” – *Quality of Life in Saskatoon*, a Briefing Paper for the Saskatoon Quality of Life Public Policy Forum of Oct. 20, 2001, at [www.usask.ca/cuisr/Publications/brief.pdf](http://www.usask.ca/cuisr/Publications/brief.pdf)

*The Cities of Tomorrow* program of the *National Centre for Sustainable Urban Environmental Management* is a new project based in Regina <http://jump.ca/emis/index.xml?page=home> involving the University of Regina and several government funders in developing new urban plans which will take quality of life measures into account. Only some preliminary reports on the scope and intent of the project are available at this point.

*The Community Vitality Monitoring Partnership Process* for Northern Saskatchewan initiated by the Government of Saskatchewan in 1998 now has four annual reports and some subtopic studies all concentrated on tracking five major areas (Environment and land; Health; Economic and social infrastructure; Communication dynamics and relationships; and Special topics:

youth/outmigration/poverty) in relation to the impact of mining operations in the north, at [www.northern.gov.sk.ca/NorthernMines/Community.htm](http://www.northern.gov.sk.ca/NorthernMines/Community.htm)

*Situating Indicators of Social Well-Being in Rural Saskatchewan Communities*, by Maureen Reed, of the Community-University Institute for Social Research, at the University of Saskatchewan, May 2003, [www.usask.ca/cuistr/Publications/ReedFINAL.pdf](http://www.usask.ca/cuistr/Publications/ReedFINAL.pdf)

*Sustainable Community Planning* reports: The Center for Rural Studies and Enrichment at St. Peter's College in Muenster, Saskatchewan, has produced several *Sustainable Community Planning* reports for the Saskatchewan communities of the *Good Spirit Lake Watershed*; the *Crescent Creek Watershed*; and the *Beaver Creek Watershed*, all released in May 2002. They can now be accessed via [www.stpeters.sk.ca/crse/whats\\_new.html](http://www.stpeters.sk.ca/crse/whats_new.html) An earlier one in this series for the Carlton Trail Region is at [www.stpeters.sk.ca/crse/sustainable\\_community\\_planning/scp.html](http://www.stpeters.sk.ca/crse/sustainable_community_planning/scp.html)

### **Projects on Crime Related Issues**

The *Canadian Centre for Justice, Statistics Profile Series* by Statistics Canada, 2001, consists of socio-demographic profiles of these groups – Aboriginal Peoples in Canada; Canadians with Disabilities; Canadians with Literacy Problems; Canadians with Low Incomes; Children and Youth in Canada; Immigrants in Canada; Religious Groups in Canada; Seniors in Canada; Visible Minorities in Canada; and Women in Canada – with data on their rates of victimization, or in some case, perpetration, of crime [www.statcan.ca/english/freepub/85F0033MIE/free.htm](http://www.statcan.ca/english/freepub/85F0033MIE/free.htm) Also available in French, [www.statcan.ca/francais/freepub/85F0033MIF/free\\_f.htm](http://www.statcan.ca/francais/freepub/85F0033MIF/free_f.htm)

See also *A Profile of Criminal Victimization: Results of the 1999 General Social Survey*, by Karen Mihorean, Sandra Besserer, Dianne Hendrick, Jodi-Anne Brzozowski, Catherine Trainor and Stacie Ogg, for Statistics Canada, Aug. 2001, a report available for purchase via [www.statcan.ca/english/IPS/Data/85-553-XIE.htm](http://www.statcan.ca/english/IPS/Data/85-553-XIE.htm) (also available in French, via [www.statcan.ca/francais/IPS/Data/85-553-XIF.htm](http://www.statcan.ca/francais/IPS/Data/85-553-XIF.htm)) In addition, more detailed analyses of the 1999 GSS <http://stewwww.statcan.ca/english/sdds/4504.htm> for specific regions or demographics can be performed by Statistics Canada on a cost recovery basis and the datafile can be purchased by researchers, via: [www.statcan.ca/english/IPS/Data/12M0013XCB.htm](http://www.statcan.ca/english/IPS/Data/12M0013XCB.htm)

*Community Profiles* [www.csc-scc.gc.ca/text/rsrch/community/commun\\_e.shtml](http://www.csc-scc.gc.ca/text/rsrch/community/commun_e.shtml) are available by the Correctional Services of Canada, which “provide demographic, social, economic, crime, court and correctional information for [about 30] cities in Canada...to demonstrate the utility of community crime and census data for criminal justice information sharing and community planning.” Also available in French.

The *Justice and crime* sections of the online Canadian Statistics encompasses Crimes; Victims, accused and criminals; and Police and courts [www.statcan.ca/english/Pgdb/justic.htm](http://www.statcan.ca/english/Pgdb/justic.htm) Also available in French, at [www.statcan.ca/francais/Pgdb/justic\\_f.htm](http://www.statcan.ca/francais/Pgdb/justic_f.htm) Also, the periodical *Jursitat* dedicated to the topic; see: [www.statcan.ca/english/IPS/Data/85-002-XIE.htm](http://www.statcan.ca/english/IPS/Data/85-002-XIE.htm)

*A Manual on Conducting Economic Analysis of Crime Prevention Programs*, by Joseph P. Hornick, Joanne J. Paetsch, and Lorne D. Bertrand, of the Canadian Research Institute for Law

and the Family, for the National Crime Prevention Centre, Ottawa, June 2000. See also *Economic Analysis Of Crime Prevention – Applying Economic Analysis to Crime Prevention: Issues for a National Approach*, by Brandon C. Welsh, Department of Criminal Justice, University of Massachusetts Lowell, a paper for the International Centre for the Prevention of Crime and the National Crime Prevention Centre’s “Consultation on Cost-Benefit Analyses of Crime Prevention Programs”, Ottawa, Canada, January 24-25, 2000. Both are available through [www.prevention.gc.ca/en/research/documents.asp](http://www.prevention.gc.ca/en/research/documents.asp) or in French via [www.prevention.gc.ca/fr/research/documents.asp](http://www.prevention.gc.ca/fr/research/documents.asp) There are also other crime related reports and many pages of links available on this site [www.prevention.gc.ca/en/library/index.html](http://www.prevention.gc.ca/en/library/index.html)

## **Projects on Cultural Development or Impact Issues**

*Economic Benefits – The Art Gallery of Ontario – A Case Study*, by The Outspan Group Inc., Amherst Island, Ontario, for The Department of Canadian Heritage, Hull, Quebec, March, 2001. A 45 page report which sets out some of the key economic data about the revenues generated by this large cultural institution, which also sets out a framework for and addresses other personal and societal benefits. Online at [www.pch.gc.ca/progs/ph/pubs/mbo-ago/index\\_e.cfm](http://www.pch.gc.ca/progs/ph/pubs/mbo-ago/index_e.cfm) and also available in French at [www.pch.gc.ca/progs/ph/pubs/mbo-ago/index\\_f.cfm](http://www.pch.gc.ca/progs/ph/pubs/mbo-ago/index_f.cfm) It can only be viewed in sections, however, and some sections were missing (but cached in Google) as of this writing.

Some projects along the same line based in the U.K. are: *Impact Evaluation of Museums, Archives and Libraries: Available Evidence Project*, by Caroline Wavell, Graeme Baxter, Ian Johnson, and Dorothy Williams, of the Information Management division of the Aberdeen Business School at The Robert Gordon University, for Re:source: The Council for Museums, Archives and Libraries, 2002. Provides a critical overview of impact evaluation in the museums, archives and libraries sector: regarding what measures would be appropriate to establish it, and what (little) systematic data is actually available. Available in both pdf and word at [www.resource.gov.uk/information/publications/00pubs.asp](http://www.resource.gov.uk/information/publications/00pubs.asp) See also the *Impact evaluation of museums, archives and libraries: quantitative time series data identification exercise - A report for Resource: the Council for Museums, Archives and Libraries*, by the Cultural Heritage Consortium, 2002, on the same theme at [www.resource.gov.uk/documents/id18rep.pdf](http://www.resource.gov.uk/documents/id18rep.pdf) or the *South West Museums Archives And Libraries Social Impact Audit* by Jared Bryson and Bob Usherwood, of the Centre for Public Libraries and Information in Society Department of Information Studies, University of Sheffield, and David Streatfield, of Information Management Associates, 2002, at [www.resource.gov.uk/documents/ev\\_impeva.pdf](http://www.resource.gov.uk/documents/ev_impeva.pdf)

*Measures and Indicators in Local Cultural Development: Assessing outcomes and performance in municipal cultural development*, by Greg Baeker, of EUCLID Canada consulting, for the Department of Canadian Heritage, Quebec Ministry of Culture, Ontario Ministry of Culture, The Samuel and Saidye Bronfman Family Foundation, in April 2002. This is a review of a number of initiatives underway in Canada, the United States and Australia, “aimed at developing more rigorous and compelling measures and indicators” of local cultural development. [www.culturalplanning.ca/mcpp/mcpp\\_indicators.pdf](http://www.culturalplanning.ca/mcpp/mcpp_indicators.pdf) They also have other reports on cultural planning at [www.culturalplanning.ca/mcpp/ib\\_MCPP\\_reports\\_en.html](http://www.culturalplanning.ca/mcpp/ib_MCPP_reports_en.html) and they are also available in French at [www.culturalplanning.ca/mcpp/ib\\_MCPP\\_reports\\_fr.html](http://www.culturalplanning.ca/mcpp/ib_MCPP_reports_fr.html) The site has been updated, and if these older links become obsolete, go to [www.euclidcanada.ca](http://www.euclidcanada.ca)

*Statistics in the Wake of Challenges posed by Cultural Diversity in a Globalization Context: the International Symposium on Cultural Statistics* organized by UNESCO Institute for Statistics and Observatoire de la culture et des communications du Québec, Montreal, October 21 to 23, 2002. Features a couple dozen papers on the state of cultural statistics in a number of countries, and some of the problems involved in collecting them and making them compatible with one another. Several of them are by Canadians, such as *Beyond Economics: Developing Indicators of the Social Effects of Culture*, by Dick Stanley of Canadian Heritage; and *Assessment of surveys on cultural participation*, by Gilles Pronovost of Université du Québec à Trois-Rivières. The home page for this conference is [www.colloque2002symposium.gouv.qc.ca](http://www.colloque2002symposium.gouv.qc.ca) The abstracts and actual papers are at the Program page: [www.colloque2002symposium.gouv.qc.ca/h4v\\_page6\\_an.htm](http://www.colloque2002symposium.gouv.qc.ca/h4v_page6_an.htm) Also available in French. [www.colloque2002symposium.gouv.qc.ca/h4v\\_page6\\_fr.htm](http://www.colloque2002symposium.gouv.qc.ca/h4v_page6_fr.htm)

### **Projects in Forestry-Dependent Communities in particular**

The *Bioindicators Project* is a program of the Laboratory for Remote Sensing of Earth and Environmental Systems (LARSEES) affiliated with Geography Department of Queen's University in Kingston involving researchers J.R. Miller, G. Mohammed, T. Noland, P. Sampson, V. Thomas, P. Treitz, and P.J. Zarco-Tejada which "seeks to develop a Forest Condition Rating (FCR) system for stands in Ontario... using physiologically based approaches of assessment." See <http://larsees.geog.queensu.ca/html/bioindicators.html> and [www.cciw.ca/forest-health/programs/sustainability-bioindicators/intro.html](http://www.cciw.ca/forest-health/programs/sustainability-bioindicators/intro.html)

The Canadian Council of Forest Ministers (CCFM), whose *CCFM Criteria and Indicator* process is led by the Canadian Criteria and Indicator Task Force, has a number of reports available at [www.ccfm.org/3\\_e.html](http://www.ccfm.org/3_e.html) (in English) or [www.ccmf.org/3\\_f.html](http://www.ccmf.org/3_f.html) (in French)

*The Clayoquot Alliance for Research, Education and Training* is a community-based research partnership of the University of Victoria with the Clayoquot Biosphere Trust, supported by the Social Sciences and Humanities Research Council's Community-University Research Alliance program. It has produced a number of reports and presentations and has a database of literature produced on the area (on Vancouver Island), and they are planning to do a "Benchmarks and local level indicators" project. See [www.clayoquotalliance.uvic.ca/research.html](http://www.clayoquotalliance.uvic.ca/research.html)

*Community Capacity Assessment For Sustainable Community Economic Development*, by Sean Markey and Mark Roseland, of the Community Economic Development Centre of Simon Fraser University, 2000 [www.sfu.ca/cedc/forestcomm/reports/capassessprocess.pdf](http://www.sfu.ca/cedc/forestcomm/reports/capassessprocess.pdf) Investigates the ability of a number of small forestry dependent communities to engage in a CED project and properly measure its progress.

*Community-based Sustainability in an Export Dependent Natural Resource Economy: the British Columbian Experiment to Deliver "Sustainability in One Province,"* a working paper by Tony Jackson of the Geddes Centre for Planning Research, School of Town and Regional Planning, University of Dundee, Scotland, and John Curry of the University of Northern B.C., 2001. [www.trp.dundee.ac.uk/library/pubs/cbsinbc.pdf](http://www.trp.dundee.ac.uk/library/pubs/cbsinbc.pdf) See also their *Regional Development and Land Use Planning in Rural British Columbia: Peace in the Woods?* (also from 2001)

[www.trp.dundee.ac.uk/library/pubs/rdinbc.pdf](http://www.trp.dundee.ac.uk/library/pubs/rdinbc.pdf) and *Strategic Environmental Assessment in the Scottish Highlands and Islands and in Northern British Columbia and the Yukon: A Comparison Review of Sustainability Appraisal in Two Environmentally Sensitive Peripheral Regions*, the proposal for the project at [www.trp.dundee.ac.uk/library/pubs/canada.pdf](http://www.trp.dundee.ac.uk/library/pubs/canada.pdf) and the Scottish counterpart, *Sustainability Appraisal of Regional Development Assistance in Remote Rural Economies: The Case of the Scottish Highlands and Islands*, by Tony Jackson, at [www.trp.dundee.ac.uk/library/pubs/hispaper.pdf](http://www.trp.dundee.ac.uk/library/pubs/hispaper.pdf)

*A Criteria and Indicators Approach to Community Development*, by David C. Natcher and Clifford G. Hickey, a Working Paper published by the Sustainable Forest Management Network, 2002, involving a case study of the Little Red River Cree Nation of Alberta, Canada. Available to the public at [http://sfm-1.biology.ualberta.ca/english/pubs/PDF/WP\\_2002-2.pdf](http://sfm-1.biology.ualberta.ca/english/pubs/PDF/WP_2002-2.pdf)

See also their other *Social And Economic Criteria And Indicators* working papers and reports listed at <http://sfm-1.biology.ualberta.ca/english/pubs/ewrkppr.htm> although the newest ones will not be available for public viewing for a year or so:

- *Sustainability for whom?: social indicators for forest-dependent communities in Canada*, Project Report 2000-34, by Thomas M. Beckley, August 2000.
- *A review of economic sustainability indicators*, Working Paper 2001-11, by N.L. Mittelsteadt, W.L. Adamowicz, and P.C. Boxall, September 2001.
- *An examination of economic sustainability indicators in forest dependent communities in Canada*, Project Report 2002-9, by N.L. Leake, W.L. Adamowicz, and P.C. Boxall (scheduled for public release on January 8, 2004).

*Criteria and indicators of sustainable forest management*, by J. Peter Hall of the Canadian Forest Service, Ottawa, was a presentation at the Environment Canada's Ecological Monitoring and Network's Fifth National Science Meeting held in Victoria, British Columbia, Canada in January 1999, later published in a special of *Environmental Monitoring and Assessment*, Vol. 67, Nos. 1-2, Feb./March 2001, on Monitoring Ecological Change in Canada. The abstracts from this issue online at [www.eman-rese.ca/eman/reports/publications/2001\\_ema/page7.html](http://www.eman-rese.ca/eman/reports/publications/2001_ema/page7.html) and see [www.eman-rese.ca/eman/reports/publications/2001\\_ema](http://www.eman-rese.ca/eman/reports/publications/2001_ema) for the publishing information.

*The Economic Audit Protocol: Community Sustainability Auditing Project* – which sets out the framework <http://web.uvic.ca/~gwalter/csap/EAProt.PDF> – and the *Economic Audit Report of Vanderhoof, British Columbia* – which implements it in a particular forestry-dependent community – by Gerald Walter, Orland Wilkerson, Laura Cornwell, Eyad Shabaneh, Keiko Shinohara, and Ed Storzer, of The Sustainable Communities Initiative of University of Victoria and the University of BC, June, 1999, available either in sections in html form at <http://web.uvic.ca/~gwalter/csap/index.html> or as a series of pdf files at <http://web.uvic.ca/~gwalter/csap/PDFfiles.html>

*Greg Halseth*, a Geography professor at the University of Northern British Columbia in Prince George, has a number of reports and resources pertaining to sustainable development and CED and resource towns on his site at [http://web.unbc.ca/geography/faculty/greg/print\\_research.shtml](http://web.unbc.ca/geography/faculty/greg/print_research.shtml) including case studies of Tumbler Ridge, the Bulkley Valley Community Resources Board, and a three part *Annotated Bibliography* from 1998 coauthored by Annie Booth on Community



Participation and the New Forest Economy Series, pertaining to Citizen Participation in Resource Management; Community and Sustainability; and British Columbia Models of Community Participation and Examples of Management, respectively.

*Indicators of Fish Sustainability: Managed and Rare Fish in Forest Environments*, by Knight Piésold Consulting, April, 2002; and *Monitoring Land Use Impacts on Fish Sustainability in Forest Environments: Final Report*, by Kent Gustavson and Daryl Brown, March 2002, are large reports prepared for the BC Ministry of Sustainable Resource Management, Aquatic Information Branch, and available at [http://srmwww.gov.bc.ca/risc/o\\_docs/aquatic/index.htm](http://srmwww.gov.bc.ca/risc/o_docs/aquatic/index.htm)

That site (of the BC Ministry of Sustainable Resource Management) actually contains no less than 1,000 documents or chapters with the term “indicators,” in them. At the top of the (Google) list is the 30-page *Criteria & Indicators Briefing Paper* by Barbara Beasley, the Research Coordinator for the Long Beach Model Forest and Pamela Wright, LUCID Coordinator, USDA Forest Service for the North Coast LRMP [Land and Resource Management Plan], March 2001, [http://srmwww.gov.bc.ca/ske/lrmp/ncoast/docs/Criteria\\_and\\_Indicators\\_Bac.pdf](http://srmwww.gov.bc.ca/ske/lrmp/ncoast/docs/Criteria_and_Indicators_Bac.pdf) which is well worth viewing, for its step-by-step presentation.

*Local Level Social Indicators of Community Sustainability – Robson Valley Pilot*, part of the Robson Valley Enhanced Forest Management Pilot Project, a BC-government sponsored project, was scheduled for completion in March 2002. No publications are available from it yet, but may eventually be through this site, where it is cited and a contact is given for it: [www.for.gov.bc.ca/hcp/ENHANCED/Compendium/social%20indicators.htm](http://www.for.gov.bc.ca/hcp/ENHANCED/Compendium/social%20indicators.htm)

*Local Level Indicators of the Nova Forest Alliance*, by the Nova Forest Alliance, a partnership between industry, Mi’kmaq, and environmental groups based in Stewiacke, NS, circa 2000. See also their *Criteria and Indicators Status Reports* and their surveys of Woodland Owners,... and *Public Perceptions and Attitudes Toward Sustainable Forest Management: Central Nova Scotia 2000*, and others reports online at [www.novaforestalliance.com/nfa/nfa\\_e/pub\\_e/pub\\_e.htm](http://www.novaforestalliance.com/nfa/nfa_e/pub_e/pub_e.htm) Some are also available to order in French [www.novaforestalliance.com/nfa/nfa\\_f/pub\\_f/pubf.htm](http://www.novaforestalliance.com/nfa/nfa_f/pub_f/pubf.htm)

The Montréal Process site [www.mpci.org/home\\_e.html](http://www.mpci.org/home_e.html) “will provide you with up to date information on Criteria and Indicators as they relate to the Working Group on Criteria and Indicators for the Conservation and Sustainable Management of Temperate and Boreal Forests.” The site is chock full of articles, reports, and links. Also available in French and Spanish.

*The Nova Scotia GPI Forest Accounts, Volume 1, Indicators Of Ecological, Economic & Social Values of Forests in Nova Scotia*” and *Volume 2, A Way Forward: Case Studies in Sustainable Forestry*, by GPI Atlantic, Halifax, Nova Scotia, 2001. Available for purchase with the abstract at [www.gpiatlantic.org/ab\\_forest.shtml](http://www.gpiatlantic.org/ab_forest.shtml) and a presentation at [www.gpiatlantic.org/ppt/forest.ppt](http://www.gpiatlantic.org/ppt/forest.ppt) See also *How Not to Point to Progress; A Critique of the Nova Scotia Genuine Progress Index Forest Accounts*, by Eldon A. Gunn, Industrial Engineering, Dept. of Dalhousie University, a working paper Draft December 17, 2001, online in both html and MS Word formats at [www.dal.ca/~egunn/gpi/GPI\\_Critique2.html](http://www.dal.ca/~egunn/gpi/GPI_Critique2.html) or [www.dal.ca/~egunn/gpi/GPI\\_Critique2.doc](http://www.dal.ca/~egunn/gpi/GPI_Critique2.doc)

The Northern Forest Center, in Concord, NH, which is dedicated to the sustainability of the huge Northern Forest which straddles several border states below Ontario and Quebec, has devised a

*Northern Forest Wealth Index*, with indicators related to Community, Culture, Economy, Education, and of course Environment. It's in two parts at [www.northernforest.org/windex.htm](http://www.northernforest.org/windex.htm) and [www.northernforest.org/endnotes.htm](http://www.northernforest.org/endnotes.htm) Its new (March, 2003) *Draft Strategic Framework for Sustainable Regional Development* is at <http://northernforest.org/exchange.pdf>

The *Prince Albert Model Forest Association* in Prince Albert, Saskatchewan has a number of weighty indicator-related reports at [www.pamodelforest.sk.ca/pubs/index.htm](http://www.pamodelforest.sk.ca/pubs/index.htm) including *Evaluation of Criteria and Indicators for Forest Ecosystem Monitoring in the Southern Boreal Forest Ecozone* (by Golder Associates Ltd., 1999); and *Criteria and Indicators for Naturalized Knowledge: Framework and Workshop Proceedings* (by Virginia Petch, Northern Lights Heritage Services & L. Larcombe Archaeological Consulting, 1999); and *Socio-economic Baseline Survey of Montreal Lake Cree Nation* (by S.N. Kulshreshtha, 1995).

*Screening and Field Testing a Set of Local Indicators for Sustainable Forest Management*, a Powerpoint presentation by Jeremy Williams, of ArborVitae Environmental Services, for the Sustainable Forest Management Network / Canadian Model Forest Network Criteria & Indicators meeting hosted by GREF at Trois-Rivières, Québec February 11-13, 2001, online at [www.unites.www..ca/gref/ci/presentations/Williams%20revised\\_fichiers/frame.htm](http://www.unites.www..ca/gref/ci/presentations/Williams%20revised_fichiers/frame.htm) For more from that conference, see [www.unites.www..ca/gref/ci/List%20of%20presentations.htm](http://www.unites.www..ca/gref/ci/List%20of%20presentations.htm) for the other presentations (including *Local Level Indicators and Forest Certification* by Peter Johnson, Registration Development, QMI, and [www.unites.www..ca/gref/ci](http://www.unites.www..ca/gref/ci) for its main page.

GREF itself – the Groupe de recherche en écologie forestière interuniversitaire – is a partnership between WWW., McGill University (McGill University et Macdonald campus), Concordia University, Université du Québec en Abitibi-Témiscamingue, Université de Montréal and the AFI (Armand Frappier Institute), and probably has many more relevant materials, itself. See [www.unites.www..ca/gref/grefa.htm](http://www.unites.www..ca/gref/grefa.htm) (English) or [www.unites.www..ca/gref/gref.htm](http://www.unites.www..ca/gref/gref.htm)

*Social Valuation of the MMF [McGregor Model Forest]: Assessing Public Opinion on Forest Management Policies, Forest Values, and Forest Uses*, by Dave Robinson and Alex Hawley of the University of Northern British Columbia, with Mark Robson and others was a project to “identify, measure and demonstrate how the non-economic social values (ecological and spiritual values, for example) that various publics hold for their public forests can be used to facilitate sustainable forest management. There are a number of reports available from it including “Social Indicators and Management Implications Derived from the Canadian Forest Survey 96,” at [www.mcgregor.bc.ca/forestResearch/social/socialValuation.html](http://www.mcgregor.bc.ca/forestResearch/social/socialValuation.html)

See also the *Indicators & Adaptive Management Projects* page at [www.mcgregor.bc.ca/indicators/projects.html](http://www.mcgregor.bc.ca/indicators/projects.html) for more reports, workshops, and frameworks associated with the MMF project, and a master list of publications from it is at [www.mcgregor.bc.ca/publications/publications.html](http://www.mcgregor.bc.ca/publications/publications.html)

*This is Paradise: Community Sustainability Indicators for the Western Newfoundland Model Forest, for The Atlantic Forestry Centre*, by Michael A. den Otter and Thomas M. Beckley, for the Socio-Economic Research Network, Canadian Forest Service - Atlantic Forestry Centre, New Brunswick, [www.atl.cfs.nrcan.gc.ca/index-e/what-e/publications-e/afcpublications-e/mx216-e/index-e.html](http://www.atl.cfs.nrcan.gc.ca/index-e/what-e/publications-e/afcpublications-e/mx216-e/index-e.html) Also available in French at [www.atl.cfs.nrcan.gc.ca/index-f/what-f/publications-f/afcpublications-f/mx216-f/index-f.html](http://www.atl.cfs.nrcan.gc.ca/index-f/what-f/publications-f/afcpublications-f/mx216-f/index-f.html)

## **Projects on Minority or Ethnic Issues**

*New Canadian Perspectives – Francophone Minorities: Assimilation and Community Vitality*, 2<sup>nd</sup> Ed., by Michael O'Keefe, for Canadian Heritage, 2001, Explores the degree to which native French-speaking Canadians have been integrated into anglophone communities, with indicators on the educational and economic attainment of young Francophones in particular. Online at [www.pch.gc.ca/progs/lo-ol/perspectives/english/assimil2/index.html](http://www.pch.gc.ca/progs/lo-ol/perspectives/english/assimil2/index.html)

See also the Aboriginal people's sub-section in Part 3 (the Health Promotion section), below.

## **Projects on the Quality of Work**

*Enjoying work: An effective strategy in the struggle to juggle?*, by Judith A. Frederick and Janet E. Fast, an article from *Canadian Social Trends*, Summer, 2001, pp. 8-11, and a free "In-Depth" sample article at [www.statcan.ca/english/indepth/11-008/feature/star2001061000s2a02.pdf](http://www.statcan.ca/english/indepth/11-008/feature/star2001061000s2a02.pdf) Presents data from the 1998 General Social Survey on Canadians of various employment statuses and whether they were satisfied with their work-family balance, time crunch or life overall.

*Is Your Work Working for You*, by the Canadian Labour Congress, is a one or two page 'report card' issued around Labour Day annually, since 2001, with five years of national statistics covering job access, equity, quality, and security issues: they're online at [www.working4you.ca](http://www.working4you.ca) (in English) or [www.montravail.ca](http://www.montravail.ca) (in French)

The *JobQuality.ca* site of the Canadian Policy Research Networks in Ottawa has a page setting out a number of indicators and their definitions at [www.jobquality.ca/indicator\\_e/default.stm](http://www.jobquality.ca/indicator_e/default.stm) and there are also links to reports on job quality on their site.

*Quality of Worklife Indicators for Nurses in Canada – Workshop Report*, by Graham S. Lowe University of Alberta, for the Canadian Council on Health Services Accreditation, June 2002, online at [www.cna-nurses.ca/pages/resources/quality\\_workplace\\_indicators.pdf](http://www.cna-nurses.ca/pages/resources/quality_workplace_indicators.pdf) includes a discussion of the desirable criteria for job quality indicators and a list of potential ones. See also Graham Lowe's book, *The quality of work* (Don Mills: Oxford University Press, 2000), and any of a number of his presentations or reports, both on his own site [www.grahamlowe.ca](http://www.grahamlowe.ca) and on the Work Network site of the Canadian Policy Research Networks (which he formerly directed), at <http://www.cprn.org/en/network-docs.cfm?network=4>

*The Well-being of Canada's Employed in 2000: A Fact Book and Preliminary Analysis*, Religious Commitment Monograph #8, by Frank Jones, Adjunct Professor of Economics, University of Ottawa, and Director of Research, Christian Commitment Research Institute, Ottawa, Aug. 2003. A 270 page report (the vast majority of it consisting of tables) based on the National Survey of Giving, Volunteering and Participating, 2000, which "combines indicators of well-being in the three major domains of life – personal well-being, community or altruistic well-being, and religious or spiritual well-being – in order to produce an overall measure of well-

being," which are relativized to his proposed norms for church-going, donating, and volunteering. Available at [www.ccri.ca/rcm08.pdf](http://www.ccri.ca/rcm08.pdf)

*The Work-Life Compendium 2001: 150 Canadian Statistics on Work, Family, and Well-being*, by Karen L. Johnson, Donna S. Lero, and Jennifer A. Rooney, for the Centre for Families, Work and Well-Being at the University of Guelph, and Human Resources Development Canada, 2001. Available at [www.hrdc-drhc.gc.ca/sp-ps/gap-pas/publications/compendium2001.pdf](http://www.hrdc-drhc.gc.ca/sp-ps/gap-pas/publications/compendium2001.pdf) and also on via [www.uoguelph.ca/cfww](http://www.uoguelph.ca/cfww) This 85-page report compiles the research findings from a number of national surveys from Statistics Canada, HRDC, the Conference Board of Canada, the Canadian Policy Research Networks, Inc., the Canadian Council on Social Development, the Vanier Institute of the Family, and others, on those areas. Also available in French.

### **Projects on Social Capital or Social Cohesion Indicators, or Analyses of their Significance for Community Development or Health Promotion (both in Canada and elsewhere)**

*The 2003 Social Inclusion Research Conference*, hosted by the Canadian Council on Social Development and Human Resources Development Canada, has placed many of the presentations and papers online at [www.ccsd.ca/events/inclusion/index.htm](http://www.ccsd.ca/events/inclusion/index.htm) Also available in French.

The *Bowling Alone* [www.bowlingalone.com](http://www.bowlingalone.com) and two related sites involving Robert Putnam's work, *BetterTogether* [www.bettertogether.org](http://www.bettertogether.org) and *the Saguaro Seminar: Civic Engagement in America*, at Harvard University, [www.ksg.harvard.edu/saguaro](http://www.ksg.harvard.edu/saguaro) all feature articles, data, and discussions on how to measure and improve civic engagement. The actual datafiles from the Social Capital Community Benchmark Survey, 2000 for the U.S.A are available from The Roper Center polling company [www.ropercenter.uconn.edu/scc\\_bench.html](http://www.ropercenter.uconn.edu/scc_bench.html)

*Civil Society: What it is, and how to measure it*, by Helmut K Anheier and Lisa Carlson, Briefing No. 3 of the Centre for Civil Society at the London School of Economics, 2002, online at [www.lse.ac.uk/collections/CCS/pdf/Civil\\_Society\\_Measure.pdf](http://www.lse.ac.uk/collections/CCS/pdf/Civil_Society_Measure.pdf)

*The Community Asset Mapping Project*, by Jim Frankish and others at the Institute of Health Promotion Research at the University of British Columbia in Vancouver is proposing "to investigate the role of social networks and social capital and the role they play in individuals' concept of health, and their use of health services, broadly cast...[the] "assets for health" that exist in a given community. We propose to investigate the use of asset mapping in several Chinese-Canadian communities. The project will determine the scope and scale of help seeking in both the formal and informal health sectors. We intend to investigate how much time and money individuals spend on maintaining and improving their health in both the 'formal' and informal (i.e., nontraditional medicine, etc.) sectors. We will also explore relations between informal health care use and community health assets." [www.ihpr.ubc.ca/CurrentProjects.html](http://www.ihpr.ubc.ca/CurrentProjects.html)

*Community Involvement Indicators for Canada and the Provinces, 1997*, plus *An Analysis of 48 Community Involvement Indicators for Canada, 1997*, and many other reports on religious commitment indicators by Frank Jones, of the Christian Commitment Research Institute in

Ottawa (and formerly with Statistics Canada), which draw mainly on the National Survey of Giving, Participating, and Volunteering, free online at [www.ccri.ca/rcmindex.html](http://www.ccri.ca/rcmindex.html)

*The Complementary Roles of Human and Social Capital*, by Tom Schuller, of Birkbeck College, University of London, in *Isuma: The Canadian Journal of Policy Research*, Vol. 2 No. 1, Spring, 2001 available in both English and French along many other articles on this topic at [www.isuma.net/v02n01/index\\_e.shtml](http://www.isuma.net/v02n01/index_e.shtml)

*Final Report of the Citizen Engagement Initiative of the NDG Community Council*, July 10, 2001, [www.ndg.montreal.qc.ca/Documents/CEI-Final-Report-2001.pdf](http://www.ndg.montreal.qc.ca/Documents/CEI-Final-Report-2001.pdf) and other reports by them at [www.ndg.montreal.qc.ca](http://www.ndg.montreal.qc.ca) concerns the community of Notre-Dame-de-Grâce (NDG), a suburb of Montreal, assessing the amount of volunteering, voting, and other types of civic engagement their residents engaged in, over the course of several years.

*Measuring and Interpreting Social Capital on the Community Level: The Difference and Similarities between Social Capital and Entrepreneurial Social Infrastructure*, by Cornelia Butler Flora (North Central Regional Center for Rural Development) and Jan L. Flora (Iowa State University and University of Minnesota), 1999 or 2000, a working paper available from the World Bank PovertyNet Social Capital Library Papers in Progress on Social Capital, at [www.worldbank.org/poverty/scapital/library/flora2.pdf](http://www.worldbank.org/poverty/scapital/library/flora2.pdf) See also their *Social Capital and Sustainability: Agriculture and Communities in the Great Plains and Corn Belt* (1995) and *Social Capital and Communities of Place* linked from a brief discussion of their series at [www.worldbank.org/poverty/scapital/sctalk](http://www.worldbank.org/poverty/scapital/sctalk) and scores of other papers from around the world on social capital the World Bank site at <http://poverty.worldbank.org/library/topic/4294>

*The Myth of Social Capital in Community Development*, an article by James DeFilippis of King's College, London, in *Housing Policy Debate* 12(4):781-806, available from the Fannie Mae Foundation at [www.fanniemaefoundation.org/programs/hpd/pdf/HPD\\_1204\\_defilippis.pdf](http://www.fanniemaefoundation.org/programs/hpd/pdf/HPD_1204_defilippis.pdf)

*Social Capital as a Health Determinant: How is it Defined?*, and *Social Capital as a Health Determinant: How Is It Measured?*, by Solange van Kemenade of the U. of Québec, are working papers prepared for the Policy Research Division, Strategic Policy Directorate, Population and Public Health Branch, Health Canada, and published in 2003; available both in English at [www.hc-sc.gc.ca/iacb-dgiac/arad-draa/english/rmdd/wpapers/wpapers1.html](http://www.hc-sc.gc.ca/iacb-dgiac/arad-draa/english/rmdd/wpapers/wpapers1.html) and in French, at [www.hc-sc.gc.ca/iacb-dgiac/arad-draa/english/rmdd/wpapers/wpapers1.html](http://www.hc-sc.gc.ca/iacb-dgiac/arad-draa/english/rmdd/wpapers/wpapers1.html)

*Social Auditing and Community Cohesion: The Co-Operative Way; A Report to Co-Operatives Secretariat and Canadian Heritage*, by Leslie Brown, Department of Sociology and Anthropology, Mount Saint Vincent University, Halifax, March 2001, on her site at [www.msvu.ca/research/projects/Lbrown.pdf](http://www.msvu.ca/research/projects/Lbrown.pdf)

*Social capital: evaluation implications for community health promotion*, by Marshall W. Kreuter, Nicole A. Lezin, Laura Young and Adam N. Koplan, in the World Health Organization's *WHO Regional Publications: European Series*, vol. 92, 2001, on pp. 439-62, which in part 4. This book can be freely downloaded in parts from [www.who.dk/InformationSources/Publications/Catalogue/20010911\\_43](http://www.who.dk/InformationSources/Publications/Catalogue/20010911_43)

The *Social Capital for Development* page by Poverty Net by the World Bank [www.worldbank.org/poverty/scapital/index.htm](http://www.worldbank.org/poverty/scapital/index.htm) includes articles, manuals, working papers, and a database with abstracts of hundreds articles and papers on the role of social capital in reducing poverty and fostering development, plus tools such as a *Social Capital Assessment Tool* by Anirudh Krishna and Elizabeth Shrader, available at <http://wbln0018.worldbank.org/external/lac/lac.nsf/51105678feaadaea852567d6006c1de4/d2d929b5fff4b555852567ee000414ad?OpenDocument>

There is also an updated version of this tool, the *Integrated Questionnaire (sic) for the Measurement of Social Capital* developed by Christiaan Grootaert, Deepa Narayan, Veronica Nyhan-Jones, and Michael Woolcock of the World Bank Social Capital Thematic Group, March, 2002, available from the ROMA: Results Oriented Management and Accountability site [www.roma1.org](http://www.roma1.org) at: [www.roma1.org/files/rtr/Integrated\\_Questionnaire.doc](http://www.roma1.org/files/rtr/Integrated_Questionnaire.doc)

*Social Capital Formation and Institutions for Sustainability – Workshop Proceedings*, prepared by Asoka Mendis, is based on a conference hosted by Sustainable Development Research Initiative at Cecil Green House, University of British Columbia, Nov. 16-17, 1998, and includes an annotated bibliography. It can be downloaded from: [www.sdri.ubc.ca/publications/workshops\\_conferences\\_social.cfm](http://www.sdri.ubc.ca/publications/workshops_conferences_social.cfm)

*Social capital, participation and sustainable development: recent examples of inclusive consultation in New Zealand*, by Paul Killerby, a presentation to the International Community Development (homepage <http://134.36.42.69/index.htm>) Conference in April 2001 in Roturua, New Zealand, a narrative account of how communities gave input to their goals as part of regional government planning. Online at <http://134.36.42.69/research/killerby.pdf> See similar papers from other countries from this conference at <http://134.36.42.69/research/research.htm>

The *Social Capital project*, by the Office for National Statistics of the United Kingdom government [www.statistics.gov.uk/socialcapital](http://www.statistics.gov.uk/socialcapital) features a number of discussion papers on how to measure it, and offers a guide for a questionnaire to measure people's perceptions of their neighbourhood and community involvement, and a link to the Jan. 2003 edition of *Social Trends* which features articles with data on the state of social capital in the U.K. The *Social capital: literature review* [www.statistics.gov.uk/socialcapital/downloads/soccaplitreview.pdf](http://www.statistics.gov.uk/socialcapital/downloads/soccaplitreview.pdf) also has a two page Appendix with a *Selected List Of Social Capital Web Sites*, with URLs.

See also *Building a Picture of Community Cohesion: A Guide for Local Authorities and their Partners*, by the Community Cohesion Unit of the Home Office, July 2003, at [www.homeoffice.gov.uk/docs2/buildpicturecomcohesion.html](http://www.homeoffice.gov.uk/docs2/buildpicturecomcohesion.html)

*Social Cohesion in Canada: Possible Indicators*, by Andrew Jackson, Gail Fawcett, Anne Milan, Paul Roberts, Sylvain Schetagne, Katherine Scott, and Spy Tsoukalas of the Canadian Council on Social Development in Ottawa, for the Social Cohesion Network of the Department of Canadian Heritage and Department of Justice, 2001. The *Highlights* report – 80 pages itself – is at [www.ccsd.ca/pubs/2001/si/sra-542.pdf](http://www.ccsd.ca/pubs/2001/si/sra-542.pdf) and the Full Report (which is about the same length but has more graphics) is at [www.ccsd.ca/pubs/2001/si/sra-543.pdf](http://www.ccsd.ca/pubs/2001/si/sra-543.pdf)

*Understanding Social Capital: its Nature and Manifestations in Rural Canada*, by Bill Reimer, Dept. of Sociology and Anthropology, Concordia University, a presentation to the CSAA Annual

Conference - 2002, Toronto, ON, sets out the various indicators being used by the New Rural Economy Project of the Canadian Rural Revitalization Foundation in its various test sites. See also his earlier *Understanding and Measuring Social Capital and Social Cohesion* (Feb. 2002), and other reports at [http://nre.concordia.ca/nre\\_reports.htm](http://nre.concordia.ca/nre_reports.htm) Similarly, see *Services, Social Cohesion, and Social Capital: A Literature Review*, by Stefanie Desjardins, Greg Halseth, Patrice Leblanc, and Laura Ryser for the New Rural Economy Project, July 2002, online at <http://web.unbc.ca/geography/faculty/greg/publications/NRE%20Services%20Lit%20Review.pdf>

## **Community-Level Indicator Projects in Other Countries**

### **Australian or New Zealand Projects**

*Community and social indicators: How citizens can measure progress; An overview of social and community indicator projects in Australia and internationally*, by Mike Salvaris, Institute for Social Research, Swinburne University of Technology, Melbourne, Nov. 2000, [www.sisr.net/programcsp/published/com\\_socind.PDF](http://www.sisr.net/programcsp/published/com_socind.PDF)

*Social Benchmarks and Indicators for Victoria: Consultants' Report for the Department of Premier and Cabinet, Victoria*, by Mike Salvaris, Terry Burke, John Pidgeon, and Sue Kelman, for the Institute for Social Research, Swinburne University of Technology, Melbourne, Dec. 2000, available in three parts at [www.sisr.net/programcsp/csppublishedpapers.htm](http://www.sisr.net/programcsp/csppublishedpapers.htm) and also at [http://acqol.deakin.edu.au/Publications/recent\\_reports/index.htm](http://acqol.deakin.edu.au/Publications/recent_reports/index.htm)

*Social Indicators of Rural Community Sustainability: An Example from the Woody Yaloak Catchment*, a paper presented to the First National Conference on the Future of Australia's Country Towns, 28th - 30th June 2000, Bendigo, Victoria, by Sharon Pepperdine, Department of Geography & Environmental Studies, The University of Melbourne, Australia, online at [www.regional.org.au/au/countrytowns/strategies/pepperdine.htm](http://www.regional.org.au/au/countrytowns/strategies/pepperdine.htm)

*Tasmania Together: Benchmarking Community Progress*, by Mike Salvaris, David Hogan, and Roberta Ryan, Institute for Social Research, Swinburne University of Technology, Melbourne, for the Tasmanian Department of Premier and Cabinet, March 2000, available in four parts at [www.sisr.net/programcsp/csppublishedpapers.htm](http://www.sisr.net/programcsp/csppublishedpapers.htm)

The *WACOSS Housing and Sustainable Communities Indicators Project*, by the Western Australian Council of Social Service. Summarized by Leanne Barron and Erin Gauntlett in a 2002 conference report at [www.regional.org.au/au/soc/2002/4/barron\\_gauntlett.htm](http://www.regional.org.au/au/soc/2002/4/barron_gauntlett.htm) with the *Stage 1 Report - The WACOSS model of Social Sustainability*, online at [www.wacoss.org.au/pdf/socialsustainable.pdf](http://www.wacoss.org.au/pdf/socialsustainable.pdf) and others to follow at [www.wacoss.org.au/housing.html](http://www.wacoss.org.au/housing.html)

### **New Zealand**

*The Quality of Life in the Big Cities of New Zealand* project [www.bigcities.govt.nz](http://www.bigcities.govt.nz) features a major report from 2001 with a follow-up report do shortly in 2003. Its *Indicators* page sets out

each of the dozens of ones they used in nine main areas (Demographics; Housing; Health; Education; Employment and Economy; Safety; Urban Environment; Community Cohesion; and Democracy) with a mini-report on each, at [www.bigcities.govt.nz/indicators.htm](http://www.bigcities.govt.nz/indicators.htm)

## United Kingdom Projects

### Voluntary Sector Projects:

*Communities Count: The LITMUS Test - Reflecting Community Indicators in the London [UK] Borough of Southwark*, by Sanjiv Lingayah and Florian Sommer, for the New Economics Foundation and the Southwark council, May 2001, a 42 page report/handbook regarding the LITMUS project (for 'local indicators to monitor urban sustainability'). There is an abstract of it at [www.neweconomics.org/gen/z\\_sys\\_PublicationDetail.aspx?pid=70](http://www.neweconomics.org/gen/z_sys_PublicationDetail.aspx?pid=70) or download directly from [www.neweconomics.org/gen/uploads/Litmus%20booklet\(1\).pdf](http://www.neweconomics.org/gen/uploads/Litmus%20booklet(1).pdf) (warning, 3.7 mb)

See also the NEF's *Prove It! measuring the effect of neighbourhood renewal on local people* listed in the Manuals section, and their *Communities count! a step by step guide to community sustainability indicators....* handbook listed in the Sustainable Development section.

### Government Projects:

*Health in London: 2002 review of the London Health Strategy high-level indicators*, by the Greater London Authority and London Health Observatory, for the London Health Commission, March 2002. A 65-page report, the latest in an annual series, with data on and explanations of the public health significance of the Unemployment rate; Unemployment rate among black and minority ethnic people; Percentage of pupils achieving five [types of] grades; Proportion of homes judged unfit to live in; Burglary rate per 1000 resident population; Air quality indicators – NO<sub>2</sub> and PM<sub>10</sub>; Road traffic casualty rate per 1000 resident population; Life expectancy at birth; Infant mortality rate; and Proportion of people with self-assessed fair, poor or bad health. [www.londonhealth.gov.uk/pdf/hinl2002.pdf](http://www.londonhealth.gov.uk/pdf/hinl2002.pdf)

The *Library of Local Performance Indicators* [www.local-pi-library.gov.uk/library.asp](http://www.local-pi-library.gov.uk/library.asp) run by the U.K. Government's Audit Commission and the Improvement and Development Agency is an excellent online resource for getting good ideas on what types of measures to use to gauge the state of a region's social, economic, and government infrastructure situation, even though it is geared to local level (e.g., municipal) government authorities rather than to community organizations. It is an interactive site which features annotated lists of hundreds of indicators organized along the themes of Arts; Biodiversity; Community involvement; Community safety; Cultural services; Democratic services; Education; Environmental services; Highways and Transport; Housing; Planning and development; Quality of Life; Services for older people; Social services; and Street scene. When you click on the theme area, it lists the titles of all the indicators local governments could or should be using to assess how well they are doing in that area, and when you click on the "i" (information) icon next to it, a comprehensive definition and explanation of how this indicator works pops up. E.g., the one for "Number of unfit homes per



1,000 dwellings” (under Environmental services > Quality of the environment > Housing conditions) is at [www.local-pi-library.gov.uk//SYSTEM/MODULE/PI/ITEM.ASP?ID=302](http://www.local-pi-library.gov.uk//SYSTEM/MODULE/PI/ITEM.ASP?ID=302)

In some cases, there are background papers explaining particular indicators and how they were arrived at in much more detail. The indicators and two main documents (*Economic Regeneration Performance Indicators – Detailed Definitions*; and, *Economic Regeneration Performance Indicators – Feedback Paper*, from March 2003) concerning piloting new *Economic Regeneration Indicators* are particularly relevant to the CED context; as of this writing, they are at [www.local-pi-library.gov.uk/economic\\_regeneration.shtml](http://www.local-pi-library.gov.uk/economic_regeneration.shtml) (although not labeled properly there). On this particular theme, see also the 70 page manual, *Active Partners: Benchmarking Community Participation in Regeneration*, by one of the regional authorities: Yorkshire Forward, the Yorkshire & Humber Regional Development Agency, at [www.yhregforum.org.uk/activepartners/activepartners.pdf](http://www.yhregforum.org.uk/activepartners/activepartners.pdf) and other tip sheets or manuals on local networking at [www.yhregforum.org.uk/activepartners/resources.htm](http://www.yhregforum.org.uk/activepartners/resources.htm)

There is also a large Excel file on *The BVPP [Best Value Performance Plans]* local performance indicators at which lists all the measures the various towns or counties were using before the national initiative to consolidate them to a common standard, which might prove useful to small communities wanting to tailor make some of their own. It has dozens of tables arranged according to the major themes of: Benefits; Central Services; Children’s Services; Community Access; Community Safety; Corporate Health; Council Tax; Cultural Services; Education; Environment; Finance; Highways; Housing; Leisure And Recreation; Libraries; Planning; Regulatory; Social Services; Tourism; Waste; and Youth. It can be downloaded from [www.local-pi-library.gov.uk/bvpppi.shtml](http://www.local-pi-library.gov.uk/bvpppi.shtml) (both in a compressed format which must be unzipped or in its natural, 1.7 megabyte form).

A similar initiative overseen by the Office of the Deputy Prime Minister (ODPM) is the ODPM Local Government Performance site [www.bvpi.gov.uk/home.asp](http://www.bvpi.gov.uk/home.asp) which is an interactive site which shows which counties and town councils have to report what indicators in the areas of Corporate Health; Education; Social Services; Housing; Housing and Council Tax Benefit; Environment; Environmental Health and Trading Standards; Transport; Planning; Culture and Libraries; Community Legal Service; Community Safety – and how they are doing in each.

The *Quality of Life Indicators* project by the Audit Commission Department of the U.K. Government involves a series of background papers, presentations, manuals, and reports regarding various indicators on residents’ quality of life which local government authorities are not yet *obliged* to report to the national government, but are being encouraged to start tracking. They went from 69 quality of life indicators grouped in 13 themes identified in a literature review to 32 indicators they tried out in a pilot program, and they also sponsored a public opinion survey and held some consultations and organized a conference on this before issuing a final report. The site for this where the documents are linked has an extremely lengthy URL; be sure to cut and paste all of it into your browser, if not clicking directly from here: [www.audit-commission.gov.uk/reports/GUIDANCE.asp?CatID=ENGLISH^LG^SUBJECT^LG-AUD-FRAUD^GUIDANCE^PERF-MEAS&ProdID=0E982891-CC05-4239-AD51-4B5547D333FD](http://www.audit-commission.gov.uk/reports/GUIDANCE.asp?CatID=ENGLISH^LG^SUBJECT^LG-AUD-FRAUD^GUIDANCE^PERF-MEAS&ProdID=0E982891-CC05-4239-AD51-4B5547D333FD)  
The URL for the *Voluntary Quality of Life Indicators Definitions Handbook 2003* is

[www.audit-commission.gov.uk/products/guidance/0E982891-CC05-4239-AD51-4B5547D333FD/DefinitionsHandbook.doc](http://www.audit-commission.gov.uk/products/guidance/0E982891-CC05-4239-AD51-4B5547D333FD/DefinitionsHandbook.doc)

The New Economics Foundation, an independent nonprofit think-tank in London dedicated to sustainability issues, has been monitoring this process and has prepared a handbook to assist: *Making Indicators Count – Making Measurement of Quality of Life Indicators More Influential in Local Governance*, by Sarah Higginson, Florian Sommer, Alan Terry, April 2003. Available at [www.neweconomics.org/gen/uploads/MIC%20Policy%20Report.doc](http://www.neweconomics.org/gen/uploads/MIC%20Policy%20Report.doc) with a backgrounder at [www.neweconomics.org/gen/uploads/Making%20Indicators%20Count%20-%20final.pdf](http://www.neweconomics.org/gen/uploads/Making%20Indicators%20Count%20-%20final.pdf)

## United States Projects

Note, this is just a sampling, concentrating mainly on border states, and portal sites (listed in a separate subsection, below); there are literally hundreds of sites and papers on community or regional indicators to be found.

*A Community Indicators Case Study: Addressing the Quality of Life in Two Communities*, by Kate Besleme, Elisa Maser, and Judith Silverstein, for Redefining Progress, San Francisco, March 1999, [www.redefiningprogress.org/publications/pdf/CI\\_CaseStudy1.pdf](http://www.redefiningprogress.org/publications/pdf/CI_CaseStudy1.pdf)

*Communities Count – the King County [Washington State] Indicators Initiative* [www.communitiescount.org/index.htm](http://www.communitiescount.org/index.htm) a project of Public Health-Seattle & King County, the United Way of King County, and the King County Children & Family Commission. Features two biannual reports, and background articles on the project. The *Social and Health Indicators for King County – Selection of Core Indicators* report (2000) may be of particular interest. [www.communitiescount.org/GreenReport.PDF](http://www.communitiescount.org/GreenReport.PDF)

*Defining Arctic Community Sustainability: A background paper prepared for the NSF Sustainability of Arctic Communities Project*, by Gary Kofinas (Institute of Arctic Biology, University of Alaska Fairbanks) and Stephen Braund, Sept. 1996, online at [www.taiga.net/sustain/lib/reports/sustainability.html](http://www.taiga.net/sustain/lib/reports/sustainability.html) This is part of the *Sustainability of Arctic Communities Project*, [www.taiga.net/sustain/index.html](http://www.taiga.net/sustain/index.html) supported by the U.S. National Science Foundation, the Canadian Ecological Monitoring & Assessment Program (EMAN) of Environment Canada, and the U.S. Man and the Biosphere program (MAB), which concerns a region overlapping Alaska and the Yukon, the habitat of the Porcupine Caribou Herd. There are other reports and presentations related to this project at [www.taiga.net/sustain/lib/index.html](http://www.taiga.net/sustain/lib/index.html)

*Eau Claire County [Wisconsin] Indicators, 1996*, indicators of community sustainability collected by Dana R. Fisher, David S. Liebl, and Mahlon Peterson, University of Wisconsin-Extension Cooperative Extension, [www.uwex.edu/ces/ag/sus/html/eau\\_claire\\_county.html](http://www.uwex.edu/ces/ag/sus/html/eau_claire_county.html)

*Healthy Community Initiative of Greater Orlando [Florida]* [www.hciflorida.org](http://www.hciflorida.org) Their *Legacy 2002 Indicators Report* (3mb pdf) is at [www.hciflorida.org/library/pdfs/Legacy%20Report.pdf](http://www.hciflorida.org/library/pdfs/Legacy%20Report.pdf)

*Indicators of Community Sustainability*, for The City of Glen Cove, Long Island, New York, Draft Report by the Institute for Sustainable Development, Long Island University, December

15, 1998, [www.liu.edu/sustain/sib.html](http://www.liu.edu/sustain/sib.html) See also their *Measuring the Quality of Life in the City of Glen Cove for the year 2000: Indicators of Community Sustainability* [www.liu.edu/sustain/quality2000.pdf](http://www.liu.edu/sustain/quality2000.pdf)

*Larimer County [Colorado] Index of Community Well-being* [www.co.larimer.co.us/compass/index.htm](http://www.co.larimer.co.us/compass/index.htm)

*Neighborhood Indicators/Community Data Working Group* (NICDWG), in Grand Rapids, Michigan, a site hosted by Mark Hoffman of the School of Public & Nonprofit Administration at Grand Valley State University <http://faculty.gvsu.edu/hoffmanm/nicdwg/index.html>

The *National Neighborhood Indicators Partnership* [www.urban.org/nnip](http://www.urban.org/nnip) is “a network of 20 cities coordinated by the Urban Institute and supported by the Annie E. Casey Foundation, seeking to further the development and use of neighborhood-level information systems in local policy making and community building” – a description by one of its affiliates, *The Baltimore Neighborhood Indicators Alliance* [www.bnia.org/about/index.html](http://www.bnia.org/about/index.html) (which features a whole series of reports in its own right on its *Vital Signs* project). Besides a series of reports on the main site (noted in the Manuals section of this inventory), there is a list of all the partners with contact information at [www.urban.org/nnip/loc\\_list.html](http://www.urban.org/nnip/loc_list.html) and a partial list of the partners’ publications as of 2002 at [www.urban.org/nnip/loc\\_pubs.html](http://www.urban.org/nnip/loc_pubs.html)

The *Northwest Area Foundation Indicator Website* [www.indicators.nwaf.org](http://www.indicators.nwaf.org) features a couple dozen demographic, economic, health, and social indicators in a series of pop-ups appearing in both narrative and graphic form, on these eight border and midwest states in this foundation’s catchment area: Idaho, Iowa, Minnesota, Montana, North Dakota, Oregon, South Dakota, and Washington – not only at the state and county levels, but also for individual reservations and tribes, with the information drawn from the U.S. Bureau of the Census, Bureau of Economic Analysis, Bureau of Labor Statistics, FBI, and state departments.

*Outcomes, Indicators and General Compilations of Data*, is a series of reports by the Agency of Human Services in the State of Vermont in [www.ahs.state.vt.us/publs.htm#data](http://www.ahs.state.vt.us/publs.htm#data) such as *Outcome Based Planning State Partners and Local Communities Working Together to Improve the Well-Being of All Vermonters* (Feb. 2003) which illustrates how they are doing on each indicator and why it is important [www.ahs.state.vt.us/PDFFiles/OutcomeBasedPlanning03.pdf](http://www.ahs.state.vt.us/PDFFiles/OutcomeBasedPlanning03.pdf) (this may be a very large file, with its many pictures, however).

*Sitka Community Indicators 2002: A Profile of Community Well-Being*, by the City of Sitka, Alaska “includes 40 quality of life indicators in the following categories: Demographics, Economy, Housing, Environment, Recreation, Education, Health, Crime, and Public Safety,” and is a sequel to their 1999 report. A 32 page report, it has a graph on each indicator and an explanation of its importance. Online at [www.cityofsitka.com/indicators/2002ind.pdf](http://www.cityofsitka.com/indicators/2002ind.pdf)

*The State of the Cities Data Systems (SOCDS)* <http://socds.huduser.org> compiled by the HUD, the US Department of Housing and Urban Development, provides detailed demographic and economic data from four census reports spanning thirty years, the latest unemployment rates, information on Jobs, Business Establishments, and Average Pay from the 90s, data on violent

and property crime rates, and more, for 114 cities. The *State of the Cities 2000* report weds them together in a single (2.4 mb) 140 page document, but curiously it is no longer available online. However, the 1997 to 1999 editions are at [www.huduser.org/publications/polleg/tsoc99/tsoc.html](http://www.huduser.org/publications/polleg/tsoc99/tsoc.html) and see *The State of America's Cities, The Seventeenth Annual Opinion Survey of Municipal Elected Officials*, by the National League of Cities, Jan. 2001, [www.nlc.org/opsurvey.pdf](http://www.nlc.org/opsurvey.pdf) for a discussion of some of the high/low lights of the 2000 report.

*Sustainability Indicators Project (SIP) of Central Texas*, [www.centex-indicators.org](http://www.centex-indicators.org) See also the City of Austin's *Sustainable Communities Initiative Web Site* [www.ci.austin.tx.us/sustainable/contents.htm](http://www.ci.austin.tx.us/sustainable/contents.htm)

*The Sustainability Roundtable* of Olympia, Washington [www.olywa.net/roundtable/index.html](http://www.olywa.net/roundtable/index.html) has *State of the Community Reports* for 1995 through 1999, and a series of articles on economic indicators in particular at [www.olywa.net/roundtable/99indicator/intro.html](http://www.olywa.net/roundtable/99indicator/intro.html)

*Stories: Using Information in Community Building and Local Policy*, National Neighborhood Indicators Partnership Report, Washington, DC: The Urban Institute, March 1999. [www.urban.org/nnip/pdf/dstory.pdf](http://www.urban.org/nnip/pdf/dstory.pdf) With illustrative *Sample Stories* also available at [www.urban.org/nnip/stintro.html](http://www.urban.org/nnip/stintro.html)

## **Reports or Resources on National or International Level Indicator Projects**

### **Australia**

*Australian Social Trends*, a series of articles and tables by the Australian Bureau of Statistics [www.abs.gov.au/Ausstats/abs%40.nsf/46d1bc47ac9d0c7bca256c470025ff87/12a1c7480a30c138ca256d39001bc331!OpenDocument](http://www.abs.gov.au/Ausstats/abs%40.nsf/46d1bc47ac9d0c7bca256c470025ff87/12a1c7480a30c138ca256d39001bc331!OpenDocument) Their main site [www.abs.gov.au](http://www.abs.gov.au) also features key economic indicators and much more.

The *AustralianUnity Wellbeing Index*, the result of a partnership between the Australian Centre on Quality of Life at Deakin University (particularly psychologist Robert Cummins) and the Australian Unity financial group and health insurance company, is a recurring public opinion survey which integrates data on the economic, environmental and social conditions in Australia. See [www.australianunity.com.au/au/info/wellbeingindex/default.asp](http://www.australianunity.com.au/au/info/wellbeingindex/default.asp) for an introduction and top level results, and [http://acqol.deakin.edu.au/index\\_wellbeing/index.htm](http://acqol.deakin.edu.au/index_wellbeing/index.htm) for the full reports, datafiles and discussion documents. See also the associated International Wellbeing Group site at [http://acqol.deakin.edu.au/inter\\_wellbeing/index.htm](http://acqol.deakin.edu.au/inter_wellbeing/index.htm) for the minutes and working documents of “an international collaborative network ..assembled with the aim of developing a brief, standard Index to measure population subjective wellbeing,” which is valid across all countries. The actual QOL survey instrument for Australia and several other countries the *caveats* for them are at [http://acqol.deakin.edu.au/instruments/com\\_scale.htm](http://acqol.deakin.edu.au/instruments/com_scale.htm)

### **Canada**

*Elements of a Social Statistics Program: An example of Canada*, a working paper by Statistics Canada at [http://unstats.un.org/unsd/workshops/socialstat/no\\_16.doc](http://unstats.un.org/unsd/workshops/socialstat/no_16.doc) for a 2003 conference (see

next item). It outlines some of the surveys and data which Statistics Canada maintains on social matters, which of course can be accessed (much of it for free) via [www.statcan.ca](http://www.statcan.ca)

*Performance and Potential*, by the Conference Board of Canada in Ottawa, an annual report, with the 2002-3 version benchmarking Canada's economic performance against other countries' available by registering with them at [www.conferenceboard.ca/pandp](http://www.conferenceboard.ca/pandp)

*The Personal Security Index (PSI)* originated by David Ross of the Canadian Council of Social Development (CCSD) and Paul Kovacs, Insurance Bureau of Canada combines objective economic indicators on unemployment and crime rates and the like from Statistics Canada and others coupled with subjective indicators gleaned from a public opinion poll. It was initially presented at the *CSLS conference on The State of Living Standards and the Quality of Life in Canada October 30-31, 1998*, hosted by the Centre for the Study of Living Standards in Ottawa, and the 1998 version of this report is available at [www.csls.ca/events/oct98/ross.pdf](http://www.csls.ca/events/oct98/ross.pdf) The 1999 and subsequent versions are available for purchase from the CCSD's online bookstore at [www.strategicprofitsinc.com/wn/ccsd/indicators.html](http://www.strategicprofitsinc.com/wn/ccsd/indicators.html) but some of them are also available as free downloads: the 2000 version is available at [www.ccsd.ca/pubs/2000/psi/psi.pdf](http://www.ccsd.ca/pubs/2000/psi/psi.pdf) (warning: this is a 2.6 mb file); and *Gaining Ground: The Personal Security Index 2001* also offers a regional comparison of a variety of indicators and perceptions of economic security and physical safety among Canadians, with the full report at: [www.ccsd.ca/pubs/2001/psi2001](http://www.ccsd.ca/pubs/2001/psi2001) and *The Personal Security Index 2002: After September 11th* (by Andrew Jackson, Spyridoula Tsoukalas, Laura Buckland and Sylvain Schetagne, 2002) report and data tables are available at [www.ccsd.ca/pubs/2002/psi](http://www.ccsd.ca/pubs/2002/psi)

The *Quality of Life Indicators Project* by CPRN, the Canadian Policy Research Networks based in Ottawa, introduced at [www.cprn.org/corp/qolip/files/project\\_e.htm](http://www.cprn.org/corp/qolip/files/project_e.htm) encompasses a whole series of reports and consultations, including several background reports reviewing previous works, several consultation reports, and four Final Reports:

- *Quality of Life in Canada: A Citizens' Report Card* (Sept. 2002) (warning: this is a 2 mb file)
- *Asking Citizens What Matters for Quality of Life in Canada A Rural Lens* (Nov. 2001)
- *Indicators of Quality of Life in Canada: A Citizens' Prototype* (April 2001)
- *Quality of Life: What Matters to Canadians - Lessons Learned*, by Miriam Wyman (April 2001)

CPRN reprised this theme with two publications in the summer of 2003, *Workshop on Quality of Life*, and *What's Next For Quality of Life Indicators?* All these reports are available on their redesigned site at [www.cprn.org/en/theme-docs.cfm?theme=15](http://www.cprn.org/en/theme-docs.cfm?theme=15) (in English) or [www.cprn.org/fr/theme-docs.cfm?theme=15](http://www.cprn.org/fr/theme-docs.cfm?theme=15) (in French) There is also a PowerPoint presentation on the process by Sandra Zagon for Governance for Results: Confronting Critical Issues, the 2002 Annual Symposium organized by the Performance and Planning Exchange with the cooperation of the Treasury Board Secretariat of Canada and many Departments and Agencies; it's online at [www.ppx.ca/symposium/2002\\_symArchive/presentations/presentation-6-2.html](http://www.ppx.ca/symposium/2002_symArchive/presentations/presentation-6-2.html)

The *Societal indicators* compiled by the Treasury Board of Canada Secretariat in 2001 introduce a series of 19 indicators, and for each one it provides links for which Statistics Canada or other

government report or nonprofit or other agencies track them. Currently, there are two years of data available, for 1999 and 2000 at [www.statcan.ca/english/freepub/89F0123XIE/free.htm](http://www.statcan.ca/english/freepub/89F0123XIE/free.htm) (Also in French at [www.statcan.ca/francais/freepub/89F0123XIF/free\\_f.htm](http://www.statcan.ca/francais/freepub/89F0123XIF/free_f.htm)). And in *Canada's Performance 2001*, [www.tbs-sct.gc.ca/report/govrev/01/cp-rc\\_e.asp](http://www.tbs-sct.gc.ca/report/govrev/01/cp-rc_e.asp) and TBS's subsequent Annual Reports to Parliament (2002's is at [www.tbs-sct.gc.ca/report/govrev/02/cp-rc\\_e.asp](http://www.tbs-sct.gc.ca/report/govrev/02/cp-rc_e.asp)), it gives the actual data for each of them as a way of monitoring the Government of Canada's own performance.

## Europe

The *Eurobarometer* is a series of public opinion polls by the European Commission on various social and economic issues, linked from [http://europa.eu.int/comm/public\\_opinion/index.htm](http://europa.eu.int/comm/public_opinion/index.htm). For financial indicators on the major European countries, see the European Commission site at [http://europa.eu.int/comm/economy\\_finance/indicators\\_en.htm](http://europa.eu.int/comm/economy_finance/indicators_en.htm) which covers Business and Consumer Surveys, Business Climate, Key Indicators for the Euro Area, Euro Area GDP Indicator, General Government Data, and more, with the *Key indicators for the euro area* section at [http://europa.eu.int/comm/economy\\_finance/indicators/key\\_euro\\_area/keyeuroarea\\_en.htm](http://europa.eu.int/comm/economy_finance/indicators/key_euro_area/keyeuroarea_en.htm)

The *European System of Social Indicators* project [www.social-science-geis.de/en/social\\_monitoring/social\\_indicators/EU\\_Reporting/eusi.htm](http://www.social-science-geis.de/en/social_monitoring/social_indicators/EU_Reporting/eusi.htm) directed by Heinz-Herbert Noll of the Social Indicators Department of ZUMA, the Centre for Survey Research and Methodology, in Mannheim, Germany, has a database of thousands of articles on indicator related projects and links – mostly in English. E.g., their Bibliography on *Comprehensive Social Reports, Social Indicators Research and Global Welfare Measures* projects at [www.mzes.uni-mannheim.de/projekte/mikrodaten/liste\\_z.php?topic=indicat](http://www.mzes.uni-mannheim.de/projekte/mikrodaten/liste_z.php?topic=indicat) has 389 items alone, and there are many more on more specific areas. They also have a series of working papers at [www.social-science-geis.de/en/social\\_monitoring/social\\_indicators/EU\\_Reporting/publ.htm](http://www.social-science-geis.de/en/social_monitoring/social_indicators/EU_Reporting/publ.htm)

*The German System of Social Indicators: Key Indicators 1950 - 2001*, by ZUMA, the Centre for Survey Research and Methodology, in Mannheim, Germany, has been translated into English, and the 83 indicators can be downloaded individually or all at once via [www.geis.org/en/social\\_monitoring/social\\_indicators/Data/System/keyindic.htm](http://www.geis.org/en/social_monitoring/social_indicators/Data/System/keyindic.htm) and there is a fuller set in *The German System of Social Indicators* with both the definitions or sources and the data for almost 400 indicators and over 3000 time series available at [www.geis.org/en/social\\_monitoring/social\\_indicators/Data/System/index.htm](http://www.geis.org/en/social_monitoring/social_indicators/Data/System/index.htm). Their latest *Social Indicators Information Service* reports are available at [www.geis.org/en/publications/magazines/isi/index.htm](http://www.geis.org/en/publications/magazines/isi/index.htm) and its *Data Report 2002* is at [www.geis.org/en/social\\_monitoring/social\\_indicators/Publications/dreport/dr02.htm](http://www.geis.org/en/social_monitoring/social_indicators/Publications/dreport/dr02.htm) but these documents are only available in German.

*Social Reporting Activities in Switzerland: The Hidden Roots and the Present State of the Art, and its Tables*, by Christian Suter and Matthias Niklowitz, EuReporting Working Paper No. 6, Subproject "European System of Social Indicators". Zurich: Swiss Federal Institute of Technology (ETH-Centre), Department of Sociology, 2000, currently available on the course page for *Séminaire sur les indicateurs sociaux* at the University of Neuchâtel in Switzerland, at [www.unine.ch/socio/institut.socio/Collaborateurs/Csuter/indicateurs.htm](http://www.unine.ch/socio/institut.socio/Collaborateurs/Csuter/indicateurs.htm) and also at [www.social-geis.de/en/social\\_monitoring/social\\_indicators/EU\\_Reporting/publ.htm](http://www.social-geis.de/en/social_monitoring/social_indicators/EU_Reporting/publ.htm)

[science-geis.de/en/social\\_monitoring/social\\_indicators/EU\\_Reporting/pdf\\_files/paper6.pdf](http://science-geis.de/en/social_monitoring/social_indicators/EU_Reporting/pdf_files/paper6.pdf) See also Suter's *Switzerland - A New Social Report*, EuReporting Working Paper No. 19, Subproject "European System of Social Indicators". Zurich: Swiss Federal Institute of Technology (ETH-Centre), Department of Sociology, 2001 [http://intra.web.zuma-mannheim.de/en/social\\_monitoring/social\\_indicators/EU\\_Reporting/pdf\\_files/paper19.pdf](http://intra.web.zuma-mannheim.de/en/social_monitoring/social_indicators/EU_Reporting/pdf_files/paper19.pdf)

*Social reporting and monitoring politics: Indicators on social cohesion, sustainability and quality of life in Switzerland*, a 2001 conference hosted by the Swiss Federal Statistical Office, in Neuchâtel, Switzerland, has papers at [www.statistik.admin.ch/events/symposium/symp09.htm](http://www.statistik.admin.ch/events/symposium/symp09.htm) including some in English, such as *OECD Social Indicators: A Broad Approach towards Social Reporting*, by John Martin and Mark Pearson, at [www.statistik.admin.ch/events/symposium/abstracts/martin\\_internet.pdf](http://www.statistik.admin.ch/events/symposium/abstracts/martin_internet.pdf) and *Monitoring Processes of Change and Social Exclusion in Rural Areas of Europe*, by Mark Shucksmith, Toivo Miulu, Alana Gilbert and Euan Phimister, at [www.statistik.admin.ch/events/symposium/abstracts/shucksmith\\_internet.pdf](http://www.statistik.admin.ch/events/symposium/abstracts/shucksmith_internet.pdf)

See also the Swiss Federal Statistical Office's *International Statistics* page at [www.statistik.admin.ch/stat\\_int/eint\\_m.htm](http://www.statistik.admin.ch/stat_int/eint_m.htm)

*The Urban Audit* "launched by the European Commission in June 1998, aims to gather comparable information and data at [the] city, wider city ...and sub-city levels...to inform urban policy issues at an EU, national and city level. The indicators cover 5 fields: socio-economic aspects, participation in civic life, training and education, environment, and culture and leisure." That description is from: *The Urban Audit: Towards the Benchmarking of Quality of Life in 58 European Cities, Volume III: The Urban Audit Manual* (Luxembourg: Office for Official Publications of the European Communities, 2000), a 145 page manual which spells out its methodology. It, and the other two volumes with the data (or online versions of sections of them) are available in English and French at [http://europa.eu.int/comm/regional\\_policy/urban2/urban/audit/src/publics.htm](http://europa.eu.int/comm/regional_policy/urban2/urban/audit/src/publics.htm) A fairly short, lightly annotated list of the indicators used is also at [http://europa.eu.int/comm/regional\\_policy/urban2/urban/audit/src/indicator\\_domian.htm](http://europa.eu.int/comm/regional_policy/urban2/urban/audit/src/indicator_domian.htm)

## **International Comparisons or Portal Sites**

*Country Indicators for Foreign Policy* [www.carleton.ca/cifp](http://www.carleton.ca/cifp) is a program managed by the Norman Paterson School of International Affairs at Carleton University in Ottawa and funded by the Canadian International Development Agency (CIDA), among others. Its 100+ indicators, which range over nine main areas (History of Armed Conflict, Governance and Political Instability, Militarization, Population Heterogeneity, Demographic Stress, Economic Performance, Human Development, Environmental Stress, and International Linkages) for 196 countries over a 15 year span (1985-2000) are defined at [www.carleton.ca/cifp/descriptions.htm](http://www.carleton.ca/cifp/descriptions.htm) with detailed reports on their data sources.

*The Expert Group Meeting on Setting the Scope of Social Statistics*, hosted by the United Nations Statistics Division in collaboration with the Siena Group on Social Statistics, New York, 6-9 May 2003. The scope and participants from a couple dozen countries or international organizations for this conference are described in several documents at

<http://unstats.un.org/unsd/workshops/socialstat> and the papers by them are at [http://unstats.un.org/unsd/workshops/socialstat/list\\_of\\_documents.htm](http://unstats.un.org/unsd/workshops/socialstat/list_of_documents.htm)

*Key National Performance Indicators Selected Bibliography*, an annotated bibliography on major U.S., Canadian, and international indicators initiatives, with URLs for online resources, compiled by the U.S. General Accounting Office (GAO) for the Forum on National Performance Indicators, in Washington, D.C., Feb. 27, 2003. [www.gao.gov/npi/KNPI%20Final%20Bib.pdf](http://www.gao.gov/npi/KNPI%20Final%20Bib.pdf)  
See also the PowerPoint presentation and other discussions from this conference at [www.gao.gov/npi/index.html](http://www.gao.gov/npi/index.html) such as:

- *The United States of America: Developing Key National Indicators*, by Martha Farnsworth Riche, the former Director of the US Census Bureau – which also has a large bibliography of national and international reports and several pages of links or bookmarks of its own (many of which have been incorporated here) – at [www.gao.gov/npi/usadkni.pdf](http://www.gao.gov/npi/usadkni.pdf) and
- *Observations on Key National Performance Indicators* [www.gao.gov/npi/obsknpi.pdf](http://www.gao.gov/npi/obsknpi.pdf) by Alex C. Michalos of the Institute for Social Research and Evaluation, at the University of Northern British Columbia, Prince George – who is also the editor of *Social Indicators Research: An International and Interdisciplinary Journal for Quality-of-Life Measurement*, whose contents since 1997, including its abstracts, can be reviewed for free at [www.kluweronline.com/issn/0303-8300/contents](http://www.kluweronline.com/issn/0303-8300/contents)

The *Human Development Reports* and the *Human Development Index* developed by the United Nations Development Program (UNDP), <http://hdr.undp.org/statistics/default.cfm> is an annual series of reports going back to 1990 which compare the relative states of social and economic well-being in over a hundred countries, using indicators such as life expectancy; educational attainment; and standard of living, as measured by the real GDP per capita (purchasing power parity dollars). They have also developed indices to measure gender equality and empowerment. There are Global, Regional, and National Reports for each year. The site also features a series of background reports on its development <http://hdr.undp.org/publications/papers.cfm> (such as *Human Development Index: Methodology and Measurement*, by Sudhir Anand and Amartya Sen, Occasional Paper 12. United Nations Development Programme, Human Development Report Office, New York, 1994 [http://hdr.undp.org/docs/publications/ocational\\_papers/oc12.pdf](http://hdr.undp.org/docs/publications/ocational_papers/oc12.pdf)) as well as several bulletin board discussions on indicator and measurement issues at <http://hdr.undp.org/network/index.cfm> There is also a brand new (Aug. 2003) *NHDR Toolkit*, a six-part guide for developing a National Human Development Report from scratch, online at <http://hdr.undp.org/nhdr/toolkit/default.cfm>

The *Latest Federal Government Statistics* site [www.whitehouse.gov/news/fsbr.html](http://www.whitehouse.gov/news/fsbr.html) of the U.S. Government encompasses both an Economic Statistics Briefing Room (ESBR); and a Social Statistics Briefing Room (SSBR), with the latest statistics on Crime, Demography, Education, and Health. Also available in Spanish. See also the [www.fedstats.gov](http://www.fedstats.gov) portal for links to statistics from other federal government agencies, and the *STAT-USA/Internet, State of the Nation* site at [www.stat-usa.gov/econtest.nsf](http://www.stat-usa.gov/econtest.nsf) a program of U.S Department of Commerce and the Economics and Statistics Administration.

*The Mercer Quality-of-Living Reports* by Mercer Human Resource Consulting, an international firm, offers a series of costly (\$250-US) reports providing "Tangible values for qualitative



perceptions to establish an objective assessment of the quality-of-living for transfers to over 235 cities worldwide [with] carefully selected factors representing the criteria to which most international executives agree standards of quality-of-living should be compared." Available via [www.imercer.com/GlobalContent/EmployeeMobility/Quality.asp](http://www.imercer.com/GlobalContent/EmployeeMobility/Quality.asp) with a free global summary of the latest results at [www.mercerhr.com/pressrelease/details.jhtml?idContent=1084615](http://www.mercerhr.com/pressrelease/details.jhtml?idContent=1084615)

*The OECD Statistics Portal*, by the Organisation for Economic Co-operation and Development, in Paris, [www.oecd.org/statsportal/0,2639,en\\_2825\\_293564\\_1\\_1\\_1\\_1\\_1,00.html](http://www.oecd.org/statsportal/0,2639,en_2825_293564_1_1_1_1_1,00.html) has statistics from over a hundred of countries on dozens of areas, which can be downloaded as individual Excel files. Its *Society at a Glance: OECD Social Indicators 2002 Edition*, can be purchased in hardcopy or downloaded for free from <http://oecdpublications.gfi-nb.com/cgi-bin/OECDBookShop.storefront/EN/product/812003051P1> and a list of all its indicators can be downloaded as an Excel file as part of the *Society at a Glance 2002 Annex Tables* from [www.oecd.org/dataoecd/40/28/2492132.xls](http://www.oecd.org/dataoecd/40/28/2492132.xls) and the data for some individual indicators is at [www.oecd.org/document/24/0,2340,en\\_2649\\_33933\\_2671576\\_1\\_1\\_1\\_1,00.html](http://www.oecd.org/document/24/0,2340,en_2649_33933_2671576_1_1_1_1,00.html)

The OECD also has a report on measuring household consumption: *Towards More Sustainable Household Consumption Patterns Indicators to Measure Progress*, by its Environment Directorate, Environment Policy Committee, Working Group on the State of the Environment, from Oct. 1999, which is available in both MS Word or pdf format at [www.olis.oecd.org/olis/1998doc.nsf/LinkTo/ENV-EPOC-SE\(98\)2-Final](http://www.olis.oecd.org/olis/1998doc.nsf/LinkTo/ENV-EPOC-SE(98)2-Final) although they are now updating it [www.oecd.org/document/58/0,2340,en\\_2649\\_37465\\_2397498\\_1\\_1\\_1\\_1,37465,00.html](http://www.oecd.org/document/58/0,2340,en_2649_37465_2397498_1_1_1_1,37465,00.html) All of this is also available in French.

*Social Indicators*, compiled by the Statistics Division, Department of Economic and Social Affairs of the United Nations Secretariat, from many national and international sources which they document, covering the areas of Population; Youth and elderly populations; Human settlements; Water supply and sanitation; Housing; Health; Child-bearing; Education; Illiteracy; Income and economic activity; and Unemployment, for about a hundred countries, online at: <http://unstats.un.org/unsd/demographic/social/default.htm>

Their *InfoNation* program at [www.cyberschoolbus.un.org/infonation/info.asp](http://www.cyberschoolbus.un.org/infonation/info.asp) also lets users compare and contrast any five countries of their choosing out of 185, although the data is from 1995 or earlier. Similarly, its *Country at a Glance* enables users to simply point and click at an area of the world atlas to get its stats [www.cyberschoolbus.un.org/infonation/index.asp](http://www.cyberschoolbus.un.org/infonation/index.asp)

*Social Indicators and Social Reporting: the international experience*, by Heinz-Herbert Noll, Director of the Social Indicators Department at ZUMA, the Centre for Survey Research and Methodology, Mannheim, currently available in two parts [www.ccsd.ca/noll1.html](http://www.ccsd.ca/noll1.html) and [www.ccsd.ca/noll2.html](http://www.ccsd.ca/noll2.html) on the Canadian Council on Social Development site in Ottawa, and also in MS Word form on a sociology instructor's *Séminaire sur les indicateurs sociaux* page at the University of Neuchâtel in Switzerland; [www.unine.ch/socio/institut.socio/Collaborateurs/Csuter/indicateurs.htm](http://www.unine.ch/socio/institut.socio/Collaborateurs/Csuter/indicateurs.htm)

See also a shorter account of this 1996 presentation in *Measuring Well-being: Proceedings from a Symposium on Social Indicators* by the Canadian Council on Social Development, 1996, [www.ccsd.ca/si\\_exec.htm](http://www.ccsd.ca/si_exec.htm) or order the full report for purchase from [www.ccsd.ca/pubs/archive/mwb/index.htm](http://www.ccsd.ca/pubs/archive/mwb/index.htm)

*The Wellbeing of Nations: A Country-by-Country Index of Quality of Life and the Environment*, by Robert Prescott-Allen (IDRC/Island Press, 2001) is 350 page book available for purchase from the International Development Research Centre in Ottawa (or from other booksellers, or from [www.islandpress.com](http://www.islandpress.com) in Covelo, CA) in which the author, “combines 36 indicators of health, population, wealth, education, communication, freedom, peace, crime, and equity into a Human Wellbeing Index, and 51 indicators of land health, protected areas, water quality, water supply, global atmosphere, air quality, species diversity, energy use, and resource pressures into an Ecosystem Wellbeing Index..” Its contents and an abstract are available at [www.idrc.ca/acb/showdetl.cfm?&Product\\_ID=608&DID=6](http://www.idrc.ca/acb/showdetl.cfm?&Product_ID=608&DID=6) with a backgrounder on it at [www.idrc.ca/media/wellbeing\\_e.html](http://www.idrc.ca/media/wellbeing_e.html) This book is also available in French [www.idrc.ca/acb/showdetl.cfm?&DID=6&Product\\_ID=2737&CATID=15](http://www.idrc.ca/acb/showdetl.cfm?&DID=6&Product_ID=2737&CATID=15)

The *World in Figures*, [www.stat.fi/tk/tp/maailmanumeroina/index\\_en.html](http://www.stat.fi/tk/tp/maailmanumeroina/index_en.html) by Statistics Finland, is a series of 28 MS Excel tables of structural data on all (?) 241 countries of the world, covering 248 themes.

## United Kingdom

(see also the United Kingdom subsection in the Community Indicators section)

*Health and Personal Social Services Statistics: England*, by the Government Statistical Service [www.doh.gov.uk/HPSSS/INDEX.HTM](http://www.doh.gov.uk/HPSSS/INDEX.HTM) has online tables with indicators on Public Health; Health Care; Personal Social Services; the Workforce; and Expenditures by the Departments of Health and Social Services. See also their main Statistics and Surveys section at [www.doh.gov.uk/public/stats1.htm](http://www.doh.gov.uk/public/stats1.htm) for more menus and options on the health or social services related statistics and reports, and the main National Statistics site is [www.statistics.gov.uk](http://www.statistics.gov.uk)

*Quality of life counts*, “the source for Indicators of sustainable development for the United Kingdom,” available on the new UK Government Sustainable Development site at [www.sustainable-development.gov.uk/indicators/local/localind/index.htm](http://www.sustainable-development.gov.uk/indicators/local/localind/index.htm) There has been a series of reports leading up to the finalized set of indicators, including how they were developed, and a baseline survey of the earlier state of affairs. The most recent annual report on their progress, *Achieving a better quality of life: Review of progress towards sustainable development - Government annual report 2002*, is at [www.sustainable-development.gov.uk/ar2002/index.htm](http://www.sustainable-development.gov.uk/ar2002/index.htm) The titles and themes of the earlier report and links to their current spots is set out at [www.defra.gov.uk/environment/sustainable/index2.htm](http://www.defra.gov.uk/environment/sustainable/index2.htm)

*Social Indicators* in the United Kingdom, a quarterly for the House of Commons accessed via the *Library Research Papers* site, [www.parliament.uk/commons/lib/research/rpintro.htm](http://www.parliament.uk/commons/lib/research/rpintro.htm) The first of these is for 2001 [www.parliament.uk/commons/lib/research/rp2001/rp01-083.pdf](http://www.parliament.uk/commons/lib/research/rp2001/rp01-083.pdf) (Warning: some of them are very large files (e.g., 5.8 mb) and they appear to have to be loaded into the browser (rather than right clicked to save as), so require a good broadband connection.)

## United States

The *Calvert-Henderson Quality of Life Indicators*, developed by an international futurist, Hazel Henderson, and taken up by the Calvert Group of Bethesda, Maryland, a financial firm involved with Socially Responsible Investment. The main product is the book of that name by Patrice Flynn, Donna Logan, Mary Hibbing, & Marybeth Anderson which is available for purchase (originally 2000, but updated annually), but they offer the introduction and free sample documents with U.S. data on many of the individual indicators online, via [www.calvert-henderson.com/index.htm](http://www.calvert-henderson.com/index.htm)

The *Population Reference Bureau* [www.prb.org](http://www.prb.org) in Washington, DC has numerous downloadable reports and datasheets, not only the size and composition of the population in all the countries, but also on various facets of it (birth rates, death rates, rates of population increase, maternal mortality rates), and also some reports on changes in the American population in particular, relating especially to aging and rural shifts, plus there are some manuals on how to analyse and present population related data. See [www.prb.org/template.cfm?Section=PRB\\_Library](http://www.prb.org/template.cfm?Section=PRB_Library) Also available in French and other languages.

The *State of Caring Index* <http://national.unitedway.org/stateofcaring> by the United Way of America tracks 35 indicators drawn from a variety of sources spanning a decade in the areas of Economic and Financial Well Being; Education; Health; Voluntarism/ Charity/ Civic Engagement; Safety; and Natural Environment and Other Factors. The results can be viewed for each state individually for either the whole decade (1990-2000) or a particular year, and even charted online, at <http://national.unitedway.org/stateofcaring/view.cfm>

The *Social Indicators Time Series Archive for the United States, 1946-1980* has time series data spanning 35 years on general social indicators including vital statistics, population, the labor force, health, education, and leisure activities. It is managed by the Inter-university Consortium for Political and Social Research, and only available to authorized academic researchers who promise to respect issues of confidentiality and sample sizes to preserve the data quality, via certain university-based libraries such as the University of British Columbia's, at <http://data.library.ubc.ca/java/jsp/database/production/detail.jsp?id=470>

### **Section 3: More Academic or Scholarly Reviews of Community or National Indicators Projects**

*Blighted or Booming? An Evaluation of Community Indicators and their Creation*, by Virginia W. Maclaren of the University of Toronto, in the *Canadian Journal of Urban Research* 10(2): 275-291, 2002. A draft is at [www.geog.utoronto.ca/info/faculty/Maclaren/blightorbloom.pdf](http://www.geog.utoronto.ca/info/faculty/Maclaren/blightorbloom.pdf)

*Canadian Living Standards: 1998*, by Christopher Sarlo, of Nipissing University in North Bay, ON, for the Fraser Institute in Vancouver, issued as one of their occasional Critical Issues Bulletins, and described at [www.fraserinstitute.ca/shared/readmore.asp?sNav=pb&id=228](http://www.fraserinstitute.ca/shared/readmore.asp?sNav=pb&id=228) (the direct URL is: [www.fraserinstitute.ca/admin/books/files/CanadianLivingStandards1998.pdf](http://www.fraserinstitute.ca/admin/books/files/CanadianLivingStandards1998.pdf))

*Community Indicators and Community Learning: An Exploration*, by Chris Paterson, of Adaptive Communities, Lemont, PA, for Community Initiatives, Inc., Boulder, CO, Oct. 2002, [www.communityinitiatives.com/article26.html](http://www.communityinitiatives.com/article26.html)

*A Comparison of Housing Needs Measures Used in Canada, The United States and England*, Research and Development Highlights, Socio-economic Series Issue 7, June 1992 by the Canada Mortgage and Housing Corporation. Note, this project is also being updated as of this year. [www.cmhc-schl.gc.ca/publications/en/rh-pr/socio/socio007.pdf](http://www.cmhc-schl.gc.ca/publications/en/rh-pr/socio/socio007.pdf) A related paper on this topic is *How Households Obtain Resources to Meet their Needs: The Shifting Mix of Cash and Non-Cash Sources*, by J. David Hulchanski and Joseph H. Michalski of the University of Toronto Faculty of Social Work, for the Ontario Human Rights Commission, March 1994, which addresses how to measure people's ability to afford housing. [www.library.utoronto.ca/hnc/publish/resources.pdf](http://www.library.utoronto.ca/hnc/publish/resources.pdf)

The CSLS conference on *The State of Living Standards and the Quality of Life in Canada October 30-31, 1998*, hosted by the Centre for the Study of Living Standards in Ottawa, features as whole series of relevant downloadable papers at [www.csls.ca/events/october.asp](http://www.csls.ca/events/october.asp) including:

- *An Index of Economic Well-being for Canada and its Appendix Tables* by Lars Osberg Dalhousie University and Andrew Sharpe of the Centre for the Study of Living Standards (CSLS) (see also [www.csls.ca/iwb.asp](http://www.csls.ca/iwb.asp) for subsequent versions of this paper, and its precursor, *A Survey of Indicators of Economic and Social Well-being*, and there is also a 1999 version for Human Resources Development Canada online at: [www.hrdc-drhc.gc.ca/sp-ps/arb-dgra/publications/research/1999docs/r-99-3e.pdf](http://www.hrdc-drhc.gc.ca/sp-ps/arb-dgra/publications/research/1999docs/r-99-3e.pdf) or in French at [www.hrdc-drhc.gc.ca/sp-ps/arb-dgra/publications/research/1999docs/r-99-3f.pdf](http://www.hrdc-drhc.gc.ca/sp-ps/arb-dgra/publications/research/1999docs/r-99-3f.pdf) )
- *Competing Paradigms in the Development of Social and Economic Indicators*, by Clifford Cobb and Craig Rixford of Redefining Progress, San Francisco
- *GDP and Its Derivatives as Welfare Measure: A Selective Look at the Literature*, by Abe Tarasofsky of Statistics Canada
- *The Index of Personal Security* [or Personal Security Index] by David Ross of the Canadian Council of Social Development and Paul Kovacs, Insurance Bureau of Canada (note, there are subsequent versions of this, listed in the national projects - Canada section)
- *Measures of Poverty in Canada: Ambiguity and Conflict*, by Gordon Anderson and Peter Ibbott of the University of Toronto
- *Measuring Well-being: A Critical Assessment*, by David Hay of the BDI Research Group

There are also many more documents pertaining to indicators and the measurement of economic or quality of life issues on the CSLS site; many of them from conference presentations (go to the "Events" section of their site, at the top menu), such as these two new ones from the Annual Meeting of the Canadian Economics Association, Carleton University, Ottawa, Ontario, May 30-June 1, 2003, available at [www.csls.ca/events/cea2003.asp](http://www.csls.ca/events/cea2003.asp)

- *Methodological Issues Encountered in the Construction of Indices of Economic and Social Well-being*, by Julia Salzman of Stanford University and the CSLS
- *Human Well Being and Economic Well Being: What Values are Implicit in Current Indices?*, by Lars Osberg of Dalhousie University, and Andrew Sharpe of the CSLS

You can also use Google or the site's own search facilities to search for documents with the term "indicators" in it, or the phrases "social indicators," "economic indicators," and so on.

*Developing Civic Indicators and Community Accounting in Canada*, by Paul Reed of Statistics Canada and Carleton University, with an Afterword by Armine Yalnizyan and Paul Reed, 2000. Available in three parts from the Centre for Community Enterprise in Port Alberni, BC, at [www.cedworks.com/cgi-bin/loadpage.cgi?571+OBMmain.html#contents](http://www.cedworks.com/cgi-bin/loadpage.cgi?571+OBMmain.html#contents)

*The Development of Indicators for Human Capital Sustainability*, by Andrew Sharpe, of the Centre for the Study of Living Standards in Ottawa, a paper prepared for the annual meeting of the Canadian Economics Association, McGill, University, Montreal, June 1-3, 2001. Online at [www.csls.ca/events/cea01/sharpe.pdf](http://www.csls.ca/events/cea01/sharpe.pdf)

*Difficulties of Developing and Using Social Indicators to Evaluate Government Programs: A critical review*, by Anona Armstrong and Ronald Francis, Michael Bourne, and Inez Dussuyer, of Victoria University and Crime Prevention Victoria, Australia, a paper presented at the 2002 Australasian Evaluation Society International Conference Nov. 2002, in Wollongong Australia. [www.aes.asn.au/conference/armstrongpr4.pdf](http://www.aes.asn.au/conference/armstrongpr4.pdf)

*Economic Competitiveness and Quality of Life In City Regions: A Review of the Literature*, by Betsy Donald for Human Resources Development Canada, Feb. 2001, a 75 page literature review of the indicators used in the Quality of Life literature and how they pertain to healthy economic development. <http://geog.queensu.ca/WilliamsResearch.pdf> See also a 2001 conference paper by this Queen's University professor, *Competitiveness and quality of life in City Regions: compatible concepts*, presented to Canadian Association of Geographers Annual Meeting, Montreal, Quebec, June 1, 2001 (and published as "Economic Competitiveness and Quality of Life in City Regions: compatible concepts?" in the *Canadian Journal of Urban Research*, 10(2):259-74, 2001) online at <http://geog.queensu.ca/qualityoflifecities.pdf>

*If the GDP is Up, Why is America Down?* by Clifford Cobb, Ted Halstead, and Jonathan Rowe, in the *Atlantic Monthly*, Oct. 1995, was the classic statement of the Genuine Progress Index or Indicator approach now pursued by GPI Atlantic and the Pembina Institute in Canada, by researchers from the Redefining Progress think-tank in the San Francisco area. The article is still available for free online at [www.theatlantic.com/politics/ecbig/gdp.htm](http://www.theatlantic.com/politics/ecbig/gdp.htm)

*Les indicateurs de richesse et de développement. Un bilan international en vue d'une initiative française*, par Jean Gadrey, Florence Jany-Catrice, Thierry Ribault, et Bruno Boidin, Laboratoire CLERSE (Université de Lille et IFRESI), Rapport de recherche pour la DARES, Mars 2003. 179 pp. [www.travail.gouv.fr/etudes/pdf/indicateurs.pdf](http://www.travail.gouv.fr/etudes/pdf/indicateurs.pdf) et

*Indicateurs sociaux état des lieux et perspectives*, Les Papiers du CERC No 2002 - 01, par Bernard Perret, Conseil de l'Emploi, des Revenus et de la Cohésion sociale, Jan. 2002. 37 pp. [www.cerc.gouv.fr/doctrav/2002-01.pdf](http://www.cerc.gouv.fr/doctrav/2002-01.pdf) (An abbreviated, 8 pp. version of the same name is at [www.travail.gouv.fr/actualites/pdf/PERRET.pdf](http://www.travail.gouv.fr/actualites/pdf/PERRET.pdf))

These are both literature reviews and analyses of quality of life or societal indicator projects, prepared for a conference in which Andrew Sharpe presented a version of the paper he did with Lars Osberg, *The Index of Economic Well-being for selected OECD countries*. There are other

working papers and studies related to poverty and social development by CERC (the Council For Employment, Income And Social Cohesion), a French government supported policy institute, available at [www.cerc.gouv.fr/indexe.html](http://www.cerc.gouv.fr/indexe.html)

*Investigating Appropriate Evaluation Methods and Indicators for Indigenous Housing Programs*, by the Australian Housing and Urban Research Institute (AHURI), a two (or possibly three: two have the same title) part project whose reports from Jan. 2002 and 2003 can be downloaded from [www.ahuri.edu.au/publish/page.cfm?contentID=30&projectid=65](http://www.ahuri.edu.au/publish/page.cfm?contentID=30&projectid=65)

*Learning-Based Community Development: Lessons Learned For British Columbia*, by Ron Faris and Wayne Peterson, for the BC Ministry of Community Development, Cooperatives and Volunteers, July 2000, on the author's site at: <http://members.shaw.ca/rfaris/docs/lbcd.PDF>  
This is a literature review of the benefits of lifelong learning as it applies to community development which also has an overview of a number of major community quality of life indicator-based projects.

*Lessons Learned from the History of Social Indicators*, by Clifford W. Cobb and Craig Rixford, for Redefining Progress, San Francisco, November 1998, available online at [www.redefiningprogress.org/publications/pdf/SocIndHist.pdf](http://www.redefiningprogress.org/publications/pdf/SocIndHist.pdf) See also the *Proceedings of the California Community Indicators Conference, December 3-5, 1998, San Francisco, California*, also by Redefining Progress [www.redefiningprogress.org/publications/pdf/cip\\_dec98\\_proc.pdf](http://www.redefiningprogress.org/publications/pdf/cip_dec98_proc.pdf)

*Managing for Results 1999, Volume 1: Annual Report to Parliament*, by the Treasury Board of Canada Secretariat, [www.tbs-sct.gc.ca/report/dwnld/mfr99\\_voll\\_e.pdf](http://www.tbs-sct.gc.ca/report/dwnld/mfr99_voll_e.pdf) contains a discussion and several Appendices on various quality of life, societal, or performance indicator projects. (It builds on a TBS working paper, *Working with Societal Indicators*, a Staff Working Paper by Jamie Oxley, Planning, Performance and Reporting Sector, Treasury Board Secretariat of Canada, Oct. 1999, which is no longer available online.) The following year's annual report, *Managing for Results 2000*, which continues on in that vein in its Ch. 4, is online, at <http://dsp-psd.pwgsc.gc.ca/Collection/BT1-10-2000E.pdf>

*Measures and Indicators in Local Cultural Development*, by Greg Baeker, EUCLID Canada, a 33 page report for the Municipal Cultural Planning Project sponsored by the Department of Canadian Heritage and others, April 2002 [www.culturalplanning.ca/mcpp/mcpp\\_indicators.pdf](http://www.culturalplanning.ca/mcpp/mcpp_indicators.pdf)

*Measurement Tools and the Quality of Life*, by Clifford W. Cobb, of Redefining Progress, San Francisco, 2000, [www.redefiningprogress.org/publications/pdf/measure\\_qol.pdf](http://www.redefiningprogress.org/publications/pdf/measure_qol.pdf)

*Measuring Social Well-Being: An Index of Social Health for Canada*, by Satya Brink and Allen Zeesman, Applied Research Branch, Strategic Policy, Human Resources Development Canada, Ottawa, 1997/98, with abstract and downloadable from [www.hrdc-drhc.gc.ca/sp-ps/arb-dgra/publications/research/abr-97-9e.shtml](http://www.hrdc-drhc.gc.ca/sp-ps/arb-dgra/publications/research/abr-97-9e.shtml) This is one of a series of HRDC reports on *Prevention of Exclusion and Poverty Reduction* at [www.hrdc-drhc.gc.ca/sp-ps/arb-dgra/publications/research/exclusion\\_e.shtml](http://www.hrdc-drhc.gc.ca/sp-ps/arb-dgra/publications/research/exclusion_e.shtml) many of which also concern fundamental indicators, such as the poverty line (see *Understanding the 2000 Low Income Statistics Based on*

*the Market Basket Measure*). These are also all available in French, via [www.hrdc-drhc.gc.ca/sp-ps/arb-dgra/publications/research/exclusion\\_f.shtml](http://www.hrdc-drhc.gc.ca/sp-ps/arb-dgra/publications/research/exclusion_f.shtml)

*The Mystery of the Vanishing Benefits: Ms Speedy Analyst's Introduction to Evaluation*, by Martin Ravallion, Development Research Group, World Bank, 1999, a slightly whimsical working paper in semi-narrative form on the mathematical and knowledge complexities of determining whether a poverty reduction program actually has a benefit.

[www.worldbank.org/html/dec/Publications/Workpapers/wps2000series/wps2153/wps2153.pdf](http://www.worldbank.org/html/dec/Publications/Workpapers/wps2000series/wps2153/wps2153.pdf)

*Quality of Life Indicators and the DHC* [District Health Council], by Trevor Hancock, for the South Eastern Ontario District Health Council, Kingston, Ontario, Feb. 2000, online at [www.seo-dhc.org/reports/29\\_QOLIndicators.pdf](http://www.seo-dhc.org/reports/29_QOLIndicators.pdf) See also his *Urban Ecosystems and Health*, a paper prepared for the Seminar on CIID-IDRC and urban development in Latin America Montevideo, Uruguay, April 6-7, 2000, available on International Development Research Centre of Ottawa's site at [www.idrc.ca/lacro/docs/conferencias/hancock.html](http://www.idrc.ca/lacro/docs/conferencias/hancock.html)

*Quality of Life Leisure Indicators*, by the Community-University Institute for Social Research, at the University of Saskatchewan, July 2003, [www.usask.ca/cuisr/Publications/OlfertFINAL.pdf](http://www.usask.ca/cuisr/Publications/OlfertFINAL.pdf)

The *Quality of Life Indicators Project* by CPRN, the Canadian Policy Research Networks based in Ottawa, introduced at [www.cprn.org/corp/qolip/files/project\\_e.htm](http://www.cprn.org/corp/qolip/files/project_e.htm) encompasses a whole series of reports and consultations, including three background reports:

- *A Sampling of Community- and Citizen-Driven Quality of Life/Societal Indicator Projects*, by Barbara Legowski
- *A Survey of Indicators of Economic and Social Well-being*, by Andrew Sharpe of the Center for the Study of Living Standards
- *Review of Canadian Quality of Life Survey Data*, by Matthew Mendelsohn of the Department of Political Studies at Queen's University

There are also a number of consultation reports available, and four Final Reports

- *Quality of Life in Canada: A Citizens' Report Card* (Sept. 2002) (warning: this is a 2 mb file)
- *Asking Citizens What Matters for Quality of Life in Canada A Rural Lens* (Nov. 2001)
- *Indicators of Quality of Life in Canada: A Citizens' Prototype* (April 2001)
- *Quality of Life: What Matters to Canadians - Lessons Learned*, by Miriam Wyman (April 2001)

They reprised this theme with two publications in the summer of 2003, *Workshop on Quality of Life*, and *What's Next For Quality of Life Indicators?* All these reports are available on their redesigned site at [www.cprn.org/en/theme-docs.cfm?theme=15](http://www.cprn.org/en/theme-docs.cfm?theme=15) (in English) or [www.cprn.org/fr/theme-docs.cfm?theme=15](http://www.cprn.org/fr/theme-docs.cfm?theme=15) (in French)

*The Role of Multi-scalar GIS-based Indicators Studies in Formulating Neighborhood Planning Policy in planning organizations*, by Rina Ghose and William E. Huxhold, in the *URISA Journal*, 14(2):5-17, Fall, 2002 online at [www.urisa.org/Journal/protect/JrnlContents14-2.htm](http://www.urisa.org/Journal/protect/JrnlContents14-2.htm)

*Social Indicators*, by Kenneth Land, Duke University, a draft of his updated article for the *Encyclopedia of Sociology*, Revised Edition. New York: Macmillan, 2000.  
<http://marketing.cob.vt.edu/isqols/kenlandessay.htm>

*Social Indicators for the Strategic Evaluation of Major Social Programs*, by Paul Finn, for Strategic Evaluation and Monitoring, Human Resources Development Canada, Ottawa, Aug. 1998 <http://www11.hrdc-drhc.gc.ca/edd-pdf/sisemspe.pdf> Also available in html at <http://www11.hrdc-drhc.gc.ca/pls/edd/SISEMSP.shtml> and available in French, via <http://www11.hrdc-drhc.gc.ca/pls/edd/SISEMSPx.shtml>

*A Survey of Existing Indicators for Human Capital*, by Weiqiu Yu, an Economist at the University of New Brunswick, for the National Round Table on the Environment and the Economy's Environment and Sustainable Development Indicators Initiative, [www.nrtee-trnee.ca/eng/programs/Current\\_Programs/SDIndicators/ClusterGroups/ClusterGroup\\_BackGroundDocuments\\_HumanCapital\\_E.pdf](http://www.nrtee-trnee.ca/eng/programs/Current_Programs/SDIndicators/ClusterGroups/ClusterGroup_BackGroundDocuments_HumanCapital_E.pdf) published September 2001.

*Sustainability and Quality of Life Indicators: Toward the Integration of Economic, Social and Environmental Measures*, by Patrice Flynn, David Berry, and Theodore Heintz, an article in *Indicators: The Journal of Social Health*, 1(4), Fall 2002, available online on the lead author's site [www.flynnresearch.com/indicators\\_sochealth.pdf](http://www.flynnresearch.com/indicators_sochealth.pdf)

*Sustainable Community Indicators*, by Elizabeth Kline, Tufts University, of the Tufts University Consortium for Regional Sustainability, Jan. 1995, formerly online; now part of "Sustainable Community Indicators: How to Measure Progress," in *Eco-City Dimensions: Healthy Communities, Healthy Planet*, M. Roseland, ed. (Gabriola Island, BC: New Society Publishers, 1997). See also her "Indicators for Sustainable Development in Urban Areas," Ch. 11 of *How Green Is the City? Sustainability Assessment and the Management of Urban Environments*, Dimitri Devuyt, Luc Hens and Walter De Lannoy, eds. (Columbia University Press, 2001), and indeed many chapters of that book by other authors are also relevant. For its contents or to purchase it, see [www.columbia.edu/cu/cup/catalog/data/023111/0231118023.HTM](http://www.columbia.edu/cu/cup/catalog/data/023111/0231118023.HTM)

*Sustainable Indicators: A Review of National Methods and Suggestions for Long Island*, by Scott Carlin and Rachel Weinstein, for the Institute for Sustainable Development, Long Island University, Sept. 1998 [www.liu.edu/sustain/si.html](http://www.liu.edu/sustain/si.html)

*Systems of Social Indicators and Social Reporting: The State of the Art*, by Regina Berger-Schmitt and Beate Jankowitsch, of the Social Indicators Department of ZUMA, the Centre for Survey Research and Methodology, in Mannheim, Germany, 1999, EuReporting Working Paper no. 1, for the 'Towards a European System of Social Reporting and Welfare Measurement' financed by the European Commission, a 155-page report at [www.social-science-geis.de/en/social\\_monitoring/social\\_indicators/EU\\_Reporting/pdf\\_files/paper1.pdf](http://www.social-science-geis.de/en/social_monitoring/social_indicators/EU_Reporting/pdf_files/paper1.pdf)

See also their (Berger-Schmitt & Heinz-Herbert Noll) *Conceptual Framework and Structure of a European System of Social Indicators*. EuReporting Working Paper No. 9, Subproject "European System of Social Indicators". Mannheim: Centre for Survey Research and Methodology (ZUMA), Social Indicators Department, 2000 [www.social-science-geis.de/en/social\\_monitoring/social\\_indicators/EU\\_Reporting/pdf\\_files/paper9.pdf](http://www.social-science-geis.de/en/social_monitoring/social_indicators/EU_Reporting/pdf_files/paper9.pdf)



*Towards a Common Approach to Thinking about and Measuring Social Inclusion*, by Cameron Crawford, of the Roehrer Institute in Toronto, a draft report from March 2003, presented at the 2003 Social Inclusion Research Conference hosted by the Canadian Centre for Social Development, online at [www.ccsd.ca/events/inclusion/papers/crawford.pdf](http://www.ccsd.ca/events/inclusion/papers/crawford.pdf)

*The Use of Social Indicators as Evaluation Instruments - Final Report*, by EKOS Research Associates Inc., for Strategic Evaluation and Monitoring, Human Resources Development Canada, Ottawa, Aug. 1998 <http://www11.hrdc-drhc.gc.ca/edd-pdf/siei.pdf>  
Also available in html format <http://www11.hrdc-drhc.gc.ca/pls/edd/SIEI.shtml> and in French, via <http://www11.hrdc-drhc.gc.ca/pls/edd/SIEIx.shtml>

*Well-being and quality of life: Choosing indicators to assess rural communities*, SSHRC Working Paper #5 by F. Racher (2002), and *Towards a framework to explore the health of rural communities*, SSHRC Working Paper #1, by K. Ryan-Nicholls, F. Racher, B. Gfellner, and R. Annis (2000), for the Rural Development Institute at Brandon University, available online at [www.brandonu.ca/organizations/RDI/publications.html](http://www.brandonu.ca/organizations/RDI/publications.html)

### **Academic Research only available in Journals or Books**

The scholarly journal *Social Indicators Research: An International and Interdisciplinary Journal for Quality-of-Life Measurement*, which is published by Kluwer Academic publishers in Holland, and edited by Alex C. Michalos of the University of Northern British Columbia in Prince George, specializes on this area. Its homepage, which has the tables of contents for each issue and free abstracts of the articles, is at [www.kluweronline.com/issn/0303-8300/contents](http://www.kluweronline.com/issn/0303-8300/contents). If one does not have access to it through a personal or university subscription, the articles can be purchased individually. Some have also been collected together in separate books: *The Social Indicators Research Series* (homepage: [www.wkap.nl/prod/s/SINS](http://www.wkap.nl/prod/s/SINS)) also edited by Michalos, which now has 20 volumes, and which run for about \$100 to \$150 U.S. each. The recent articles which appear to be especially relevant to the Canadian CED or health promotion contexts are as follows (in descending chronological order):

- *Indicators Research and Health-Related Quality of Life Research*, by Michalos, Alex C., forthcoming in vol. 65 edition (1) of the journal in 2004, pp. 27-72, a literature review which will link the two QoL (quality of life) traditions (social and health) together.
- *Health-Related Quality of Life Models: Systematic Review of the Literature*, by Taillefer, Marie-Christine; Dupuis, Gilles; Roberge, Marie-Anne; and LeMay, Sylvie (mostly of them from the Université du Québec à Montréal), forthcoming in vol. 64 (2):293-323, Nov. 2003, reviews how theory-driven models of health-related QoL take methodological and conceptual problems into account.
- *Measuring Quality of Life in Small Areas Over Different Periods of Time*, by Royuela, Vicente; Suriñach, Jordi; and Reyes Mónica, of the Quantitative Regional Analysis Research Group and Department of Econometrics, Statistics and Spanish Economy, University of Barcelona, Spain, forthcoming in vol. 64 (1): 51-74, Oct. 2003. Describes an index methodology to measure QoL across different municipalities, units of measurement, and time periods, which has been applied to 314 municipalities of the province of Barcelona.

- There are two articles from vol. 61(1), Jan. 2003 concerning youth: *Child Well-being: A Systematic Review of the Literature*, by Pollard, Elizabeth L.; & Lee, Patrice D, of Emory University (pp. 59-78): a systematic review the child well-being literature in English; and *Determinants of Subjective Quality of Life Among Rural Adolescents: A Developmental Perspective*, by Chipuer, Heather M.; Bramston, Paul; and Pretty, Grace, of Griffith University and the University of Southern Queensland, AU (pp.79-95): a study which examines 464 youths' experiences of loneliness and community connectedness in relation to seven domains of subjective quality of life among pre-adolescents, early adolescents, and middle adolescents.
- *Moving towards local-level indicators of sustainability in forest-based communities: A mixed-method approach*, by Parkins, John R.; Stedman, Richard C., and Varghese, Jeji, of the Social Science Research Group, Northern Forestry Centre, Edmonton, in 56(1):43-72, Oct. 2001. Describes their experience in two Saskatchewan forest-dependent communities employing a QoL framework to select local-level indicators of sustainability, which used workshops, an indicator evaluation framework, and survey research to identify relevant local-level indicators of sustainability. They caution against 'one-size-fits-all' approaches to community sustainability, since their two communities defines progress toward sustainability quite differently and require unique sets of progress measures.
- *Non-Farm Rural Ontario Residents' Perceived Quality of Life*, by Richmond, L.; Filson, G.C.; Paine, C.; Pfeiffer, W.C.; and Taylor, J.R., of the School of Rural Extension Studies, University of Guelph, in 50(2):159-186, May 2000. Presents a study of Ontario non-farm rural residents' perceived quality of life, based on their survey of the Brock and Uxbridge Townships which takes into account both objectively-based demographic characteristics and more subjectively derived indicators of absolute and relative quality of life.
- *A method for assessing residents' satisfaction with community-based services: a quality-of-life perspective*, by Sirgy, M. Joseph; Rahtz, Don R.; Cicic, Muris; and Underwood, Robert, of Virginia Polytechnic Institute & State University, Department of Marketing, Pamplin College of Business, Blacksburg VA, in 49(3):279-316, March 2000. Summarizes how they developed and tested a method for assessing residents' satisfaction with community-based services in four communities, based on the notion that consumer satisfaction with individual government, business, or nonprofit services affect satisfaction with the community at large.
- *Quality of Life in Jasper, Alberta*, by Zumbo, Bruno D.; and Michalos, Alex C. of UNBC, in 49(2):121-145, Feb. 2000. Describes and explains citizen beliefs and attitudes about the quality of life in Jasper, Alberta in the summer of 1997, based on their survey.

The hardcopy (and also electronic) versions of the *Social Indicators Research Series* volumes which appear to be most germane are:

- Volume 17: *Advances in Quality of Life Research 2001*, edited by Bruno D. Zumbo of UNBC, January 2003, 344 pp. A multi-disciplinary collection with material on “(a) the monitoring, assessing, and modelling of quality of life, (b) matters of policy, finance, marketing, and business, and (c) papers devoted to the determinants and correlates of well-being and quality of life. The Contents and Contributors for this volume: 1. *Advances in Quality of Life Research*; B.D. Zumbo. Section I: Monitoring, Assessing and Modeling Quality of Life. 2. National Wealth, Individual Income, and Life-Satisfaction in 42 Countries: A Multilevel Approach; P. Schyns. 3. A PAR Approach to Quality of Life:

Modeling Health Through Participation; *S.T. Ismael*. 4. Quality of Life in Europe via Objective and Subjective Indicators: A Spatial Analysis Using Classification; *A. Petrucci, S. Schifini D'Andrea*. 5. Social Indicators and Living Conditions in The Netherlands; *J. Boelhouwer*. 6. An Introduction to the Multidimensional Students'Life Satisfaction Scale; *E.S. Huebner, R. Gilman*. 7. Self-Sustained Quality of Life Monitoring: The Phillipine Social Weather Reports; *M. Mangahas, L.L. Guerrero*. Section II: Policy, Finance, Marketing, and Business. 8. Welfare to Well-Being Transitions; *B. Braun, P.D. Olsen, J.W. Bauer*. 9. A Behavioral Model to Optimize Financial Quality of Life; *E.M. Maddux*. 10. Public Policy and Diffusion of Innovation; *R. Owen, A. Ntoko, Ding Zhang, J. Dong*. Section III: Determinants and Correlates of Well-Being and Quality of Life. 11. Community Subject Well-Being, Personality Traits and Quality of Life Therapy; *D.M.S. Kimweli, W.E. Stilwell*. 12. I Want to Pretend I'm Eleven Years Younger: Subjective Age and Senior's Motives for Vacation Travel; *M. Cleaver, T.E. Muller*. 13. Access to Health Care: Social Determinants of Preventive Cancer Screening Use in Northern British Columbia; *J. Bryant, A.J. Browne, S. Barton, B.D. Zumbo*. 14. Aspects of the Effect of Substance Use on Health, Wellness and Safety of Employees and Families in Northern Remote Worksites; *S.S. Barton*. 15. Does Material Well-Being Affect Non-Material Well-Being?; *A.L. Ferris*. 16. Distribution of Household Income in America: Effects of Sources of Income, Inflation, and Cost of Living Differentials; *M. Abdel-Ghany, S.J. Thoma*. 17. Does Business Process Engineering Diminish the Quality of Work Life?; *F.B. Green, E. Hatch*. Unequal Perceived Quality of Life among Elderly Italians: Different Satisfaction Levels in Different Spheres of Life; *E. Aureli, B. Baldazzi*.”

- Volume 11: *Assessing Quality of Life and Living Conditions to Guide National Policy*, edited by Michael R. Hagerty, Joachim Vogel, Valerie Møller, July 2002, 432 pp. Its abstract reads: “Our book is a useful "how to" book for researchers and government offices wanting to start or improve their own QOL survey, and contains "best practices" from all over the world. We discuss cutting-edge surveys that are being adopted by all countries in the European community as a standardized measure of each country's progress. We also discuss how developing countries can begin the measurement of Quality of Life in ways that will increase political credibility and require smaller budgets. Other chapters describe policy applications of the Quality of Life surveys, including nations' health goals, smoking cessation, child welfare, and poverty reduction. The authors of these chapters are the world's top experts on assessing Quality of Life. For example, the author of the first chapter is Sten Johansson, former Director of Statistics Sweden, responsible for creating the first comprehensive QOL assessment systems in the world, beginning in the 1960's. The author of the second chapter is Professor Ruut Veenhoven, known as the premier researcher on national happiness, having developed the largest database in the world on the subjective measures of well-being. Heinz-Herbert Noll is responsible for developing the unified Quality of Life measurement system for the new European Union, where up to 25 countries will be assessed using the same methodology and questionnaires. This volume is a valuable resource for four groups of readers. To researchers interested in best practices for well-established surveys of living conditions, the papers by Boelhouwer, Noll, Vogel, and Berger-Schmitt will be of special interest. To researchers and policy analysts interested in establishing a living-conditions report in their country, the papers by Kamen, Møller and Dickow, Estes, Andersen and Poppel, May, Stevens and Stols and Aasland and Tyldum give invaluable information about developing credibility, consensus-building, and survey design. For researchers interested in

cross-national comparison, the papers by Hudler and Richter, and Delhey, Böhnke, Habich, and Zapf describe the rich resources already available, as well as problems of different wording, interpretation, etc. Finally, for citizens wishing to effect changes in public policy, and for researchers studying that process, the papers by Ferris, Estes, Hagerty, and Behrendt outline how organizations should select goals, utilize social indicators, and develop programs that improve the Quality of Life in their nations. Contents and Contributors: Introduction; *M. Hagerty et al.* Part I: Concepts And Theory. Conceptualizing and Measuring Quality of Life for National Policy; *S. Johansson.* Why Social Policy Needs Subjective Indicators; *R. Veenhoven.* Towards a European System of Social Indicators: Theoretical Framework and System Architecture; *H. Noll.* Part II: Current Social Indicator and Social Reporting Programs: National and Comparative Experience. Strategies and Traditions in Swedish Social Reporting: A 30-Year Experience; *J. Vogel.* Quality of Life and Living Conditions in the Netherlands; *J. Boelhouwer.* 'Quality of Life' Research at the Israel Central Bureau of Statistics: Social Indicators and Social Surveys; *C.S. Kamen.* Quality of life in a European Perspective, The *Euromodule* as a New Instrument for Comparative Welfare Research; *J. Delhey, et al.* The NORBALT Project: Comparative Studies of Living Conditions in the three Baltic Countries; *A. Aasland, G. Tyldum.* Living Conditions in the Arctic; *T. Andersen, B. Poppel.* Crossnational Comparison of the Quality of Life in Europe: Inventory of Surveys and Methods; *M. Hudler, R. Richter.* PART III: Applying Social Indicators to Effect Social Change. TELESIS: The Uses of Indicators to Set Goals and Develop Programs to Change Conditions; *A.L. Ferriss.* The Role of Quality of Life Surveys in Managing Change in Democratic Transitions: The South African Case; *V. Moller, H. Dickow.* Monitoring the Impact of Land Reform on Quality of Life: A South African Case Study; *J. May, et al.* Toward a Social Development Index For Hong Kong: The Process of Community Engagement; *R.J. Estes.* International Comparisons of Trends in Economic Well-Being; *L. Osberg, A. Sharpe.* Declining Quality of Life Costs Governments Elections: Review of 13 OECD Countries; *M.R. Hagerty.* Considering Social Cohesion in Quality of Life Assessments: Concept and Measurement; *R. Berger-Schmitt.* Do Income Surveys Overestimate Poverty in Western Europe? Evidence from a Comparison with Institutional Frameworks; *C. Behrendt.* Author Index.”

- Volume 8: *Handbook of Quality-of-Life Research : An Ethical Marketing Perspective*, by M. Joseph Sirgy, Virginia Polytechnic Institute and State University, Blacksburg, USA, Nov. 2001, 466 pp. "This handbook provides students of quality-of-life (QOL) research with an understanding of how QOL research can be conducted from an ethical marketing perspective – a perspective based on positive social change. The handbook covers theoretical, philosophical, and measurement issues in QOL research. The handbook also approaches selected QOL studies in relation to various populations in various life domains. The marketing approach is highly pragmatic because it allows social and behavioral scientists from any discipline to apply marketing concepts to plan social change and assess the impact of intervention strategies on the QOL of targeted populations. Contents: 1. The Quality-Of-Life (QOL) Concept Viewed from a Marketing Lens. 2. Conceptual Frameworks, Approaches, Theories, and Philosophies of QOL. 3. Measures and Measurement Issues in QOL Research. 4. QOL Research in Relation to Specific Marketing Perspectives. 5. QOL Research in Relation to Specific Population Segments. 6. QOL Research in Relation to Specific Life Domains. 7. QOL Research in Relation to Specific Public and Private Sectors. References. Subject Index. Author Index.

## Studies of the Impact or Use Made of Quality of Life or Related Reports

*Measuring Quality of Life: The Use of Societal Outcomes by Parliamentarians*, a report by the Members of Parliament Carolyn Bennett, Donald G. Lenihan, John Williams, and William Young November, for the Centre for Collaborative Government, with the cooperation of The Office of the Auditor General of Canada, Statistics Canada, and The Treasury Board Secretariat of Canada, Nov. 2001 [http://kta.on.ca/reports/ktapublication\\_nov2001.pdf](http://kta.on.ca/reports/ktapublication_nov2001.pdf)

*Tracking the Use and Impact of a Community Social Report: Where Does the Information Go?* an article by Katy Wong, Sam Gardner, Daryl B. Bainbridge, Kate Feightner, David R. Offord, and Larry W. Chambers, from the *Canadian Journal of Public Health*, 99(1): 41-45, Jan.-Feb. 2000, but online at [www.fhs.mcmaster.ca/cscr/keepscore/reports/Wong.pdf](http://www.fhs.mcmaster.ca/cscr/keepscore/reports/Wong.pdf) (Concerns a survey of who in the community is actually reading the Hamilton-Wentworth Vision 2020 reports.)

*Microdata Panel Data and Public Policy: National and Cross-National Perspectives*, Working Paper No. 23, by Richard V. Burkhauser and Timothy M. Smeeding, Center for Policy Research Maxwell School of Citizenship and Public Affairs, Syracuse University, New York, May 2000. This provides a long-range (100 year) overview of how employment and income data have played a role in forming government policy in Britain, Germany, and the United States. Online at <http://www-cpr.maxwell.syr.edu/cprwps/pdf/wp23.pdf>

Although these concern health and seniors rather than CED issues, they are relevant to the interchange of data and policy in the Canadian context: *Connecting research and policy*, by Jonathan Lomas, from *Isuma: Canadian Journal of Policy Research*, 1(1) 2000, online at [www.isuma.net/v01n01/index\\_e.shtml](http://www.isuma.net/v01n01/index_e.shtml) and *Bridging policy research and policy: Experience from Health Canada's Seniors Independence Research Program* by Louise A. Plouffe, from the same issue.

See also *Creating Common Purpose: The Integration of Science in Canada's Public Service: CCMD Roundtable on Science and Public Policy, Chaired by Arthur May*, by L. Sarah Wren, for the Canadian Centre for Management Development, 2002, online with related reports at [www.ccmd-ccg.gc.ca/Research/themes/policy\\_e.html](http://www.ccmd-ccg.gc.ca/Research/themes/policy_e.html) Also available in French.

See also some of CCMD's reports on Horizontal Management issues, which make reference to the need to consult societal indicators: particularly *Using Horizontal Tools to work across boundaries: Lessons Learned and Signposts for Success*, by Andrea D. Rounce and Norman Beaudry, 2002 (available at [www.ccmd-ccg.gc.ca/Research/publications/pdfs/horz\\_e.pdf](http://www.ccmd-ccg.gc.ca/Research/publications/pdfs/horz_e.pdf)) and *Horizontal Management Trends in Governance and Accountability*, by Tom Fitzpatrick of the Treasury Board Secretariat, 2000, online at [www.ccmd-ccg.gc.ca/research/publications/pdfs/Horiz-Trends-REV.PDF](http://www.ccmd-ccg.gc.ca/research/publications/pdfs/Horiz-Trends-REV.PDF)

For a more informal presentation on this, see *Evidence-Based Policy Making: Some observations on recent Canadian experience*, by David Zussman of the Public Policy Forum in Ottawa, a presentation to the Social Policy Research and Evaluation Conference 2003, Wellington, NZ April 30, 2003, available at [www.ppforum.ca/ow/ow\\_s\\_05\\_20\\_2003.htm](http://www.ppforum.ca/ow/ow_s_05_20_2003.htm) See some of the PPF's other works on this theme at [www.ppforum.ca/bbg/bbg.htm](http://www.ppforum.ca/bbg/bbg.htm)

## **Studies of Results-Based Performance Measurement on the part of Government Departments or Whole Governments**

(note, this is just a small sampling of what is out there; most provincial and state level governments and departments in Canada and the United States now have annual performance reports employing indicators and discussion documents on developing and implementing them into their performance and plans; e.g., the Government of Alberta's *Measuring Up* series (for the 2002 version, see [www.finance.gov.ab.ca/publications/measuring/measup03/index.html](http://www.finance.gov.ab.ca/publications/measuring/measup03/index.html)))

The PPx, Performance and Planning Exchange site [www.ppx.ca](http://www.ppx.ca) in Ottawa is an excellent portal site on the topic, especially at [www.ppx.ca/portal/links.asp?pageID=1](http://www.ppx.ca/portal/links.asp?pageID=1) its *Document Portal - Links* section of its Resources [www.ppx.ca/Resources/resources.asp?pageID=0](http://www.ppx.ca/Resources/resources.asp?pageID=0). It also has regular news links featuring new reports, and hosts an annual conference –many of the presentations from all four conferences since 2000 are available at [www.ppx.ca/symposium/symArchive.asp?pageID=1&menuID=4](http://www.ppx.ca/symposium/symArchive.asp?pageID=1&menuID=4)

*Results-Based Management in Canada: Country Report Prepared for The OECD Outcome-Focused Management Project*, by the Planning, Performance and Reporting Sector Comptrollership Branch of the Treasury Board of Canada Secretariat, Dec. 15, 2000, on the available on the Performance and Planning Exchange site in Ottawa, at [www.ppx.ca/NewsArchives/PDF/Result\\_Based\\_Management.pdf](http://www.ppx.ca/NewsArchives/PDF/Result_Based_Management.pdf). A 30 page paper which summarizes the RBM movement in Canada to date and has a good bibliography on the topic. See also *Quality of Life - A Concept Paper: Defining, Measuring and Reporting Quality of Life for Canadians*, by Lucienne Robillard, the President of the Treasury Board, circa 2000, at [www.tbs-sct.gc.ca/pubs\\_pol/dcgpubs/pubsdisc/qoll\\_e.asp](http://www.tbs-sct.gc.ca/pubs_pol/dcgpubs/pubsdisc/qoll_e.asp)

*Rubik's Cube? Aligning Organizational Culture, Performance Measurement, and Horizontal Management*, by Leslie A. Pal and Tatyana Teplova, Carleton University, for PPX, the Performance and Planning Exchange in Ottawa, 2003. A 40 page overview of the topic, with a good bibliography on performance based management both in Canada and internationally, and an accompanying PowerPoint presentation, at [www.ppx.ca/Research/research.asp?pageID=0](http://www.ppx.ca/Research/research.asp?pageID=0)

*Progress and Regress in Performance Measurement Systems*, by Geert Bouckaert and Wouter van Dooren, University of Leuven, Belgium, 2002. A paper submitted to *Public Management Review* which gives a longer range historical view of the emergence of RBM in Europe and North America [www.soc.kuleuven.ac.be/sbov/publicaties/rapport/s0706001\\_PMR\\_progress.pdf](http://www.soc.kuleuven.ac.be/sbov/publicaties/rapport/s0706001_PMR_progress.pdf)

The *Tableau de Bord de Gestion* (TBG) site [www.enap.quebec.ca/tbord/default.htm](http://www.enap.quebec.ca/tbord/default.htm) of the École Nationale d'administration publique, l'Université du Québec has plenty of resources (all in French), including a links page, *Liens TBG* [www.enap.quebec.ca/tbord/liens.htm](http://www.enap.quebec.ca/tbord/liens.htm) par Monique Truax et Annie Lavallée.

The *Treasury Board Secretariat of Canada* has a page of *Tools and Guidance Materials* available, at [www.tbs-sct.gc.ca/eval/tools-outils\\_e.asp](http://www.tbs-sct.gc.ca/eval/tools-outils_e.asp) and plenty of other reports at resources, which are perhaps best navigated by the PPx site listed above.

*Federal and International Initiatives* is a set of slightly dated links mainly to U.S. based projects, compiled by a Rutgers University accounting professor in New Jersey, online at <http://accounting.rutgers.edu/raw/seagov/pmg/happening/fed-intl.html>

*Public Health Reports* [www.phf.org/Reports.htm](http://www.phf.org/Reports.htm) compiled by the Public Health Forum in Washington, DC, lists and links to a number of studies and reports on RBM in the U.S., such as *Survey on Performance Management Practices in States* (Feb. 2002)

## ***Part 2: Reports and Resources for Assessing Sustainable Development or Environmental Health***

(see also the *Health Promotion Indicators Manuals or Resources* section; and projects on Forestry-dependent sites in particular are grouped together in a separate subsection)

### ***Section 1: Guides or Resources Geared more to Practitioners***

#### ***Guides or Manuals on Gauge a Region's Environmental Health or Sustainability***

*The Canadian Handbook on Health Impact Assessment*, a manual on how to do environmental impact assessments for new projects, by the Environmental Health Assessment Services (EHAS) division of Health Canada, 1999, available in several parts with a primer on its use at [www.hc-sc.gc.ca/hecs-sesc/ehas/publications.htm](http://www.hc-sc.gc.ca/hecs-sesc/ehas/publications.htm) (in English) or in French at [www.hc-sc.gc.ca/hecs-sesc/sehm/publications.htm](http://www.hc-sc.gc.ca/hecs-sesc/sehm/publications.htm) See also their *Environmental Assessment and Human Health: Perspectives, Approaches, and Future Directions*, by Katherine Davies and Barry Sadler, 1997.

*Capacity Building for Integrated Environmental Assessment and Reporting: Training Manual*, 2<sup>nd</sup> ed., by László Pintér, Kaveh Zahedi, and David R. Cressman, for the International Institute for Sustainable Development (IISD), United Nations Environment Programme (UNEP), and Ecologistics International, Ltd., 2000. Available for download in several languages at [www.iisd.org/publications/publication.asp?pno=310](http://www.iisd.org/publications/publication.asp?pno=310) (warning: this is a 2.4 mb file)

*Check Your Success: A Guide to Developing Indicators for Community Based Environmental Projects*, by the Department of Urban Affairs & Planning, Virginia Tech. University, in conjunction with the U. S. Environmental Protection Agency, 2001, it begins at [www.uap.vt.edu/checkyoursuccess/manual.html](http://www.uap.vt.edu/checkyoursuccess/manual.html) and is downloadable by chapter at [www.uap.vt.edu/checkyoursuccess/downloads.html](http://www.uap.vt.edu/checkyoursuccess/downloads.html) or in one very large (3.3 mb) file [www.uap.vt.edu/checkyoursuccess/pdfs/checkyoursuccess.pdf](http://www.uap.vt.edu/checkyoursuccess/pdfs/checkyoursuccess.pdf)

*Communities count! a step by step guide to community sustainability indicators for people working in community development; environmental work; Local Agenda 21; local authorities; voluntary organisations; business; and education*, by Alex MacGillivray, Candy Weston and Catherine Unsworth, the New Economics Foundation, London, U.K., Sept. 1998. A 140-page manual at [www.neweconomics.org/gen/uploads/doc\\_2310200074852\\_CCto%20Use.doc](http://www.neweconomics.org/gen/uploads/doc_2310200074852_CCto%20Use.doc)

*Community-Based Environmental Protection: A Resource Book for Protecting Ecosystems and Communities*, July 1997, by the Office of Sustainable Ecosystems and Communities, Office of Policy, Planning and Evaluation, U.S. Environmental Protection Agency which can be accessed at [www.epa.gov/ecocommunity/tools/resourcebook.htm](http://www.epa.gov/ecocommunity/tools/resourcebook.htm) is “a citizen's handbook for initiating community-based environmental protection projects. It includes descriptions of local, state, tribal, and federal tools for protecting local ecosystems, economic sustainability, and quality of life. The resource book includes over 30 descriptive stories of communities in action.” Its Chapter 3 in particular deals with selecting indicators. See also the Indicators section of their *Green Communities Assistance Kit*, a step-by-step guide for planning and implementing sustainable actions” [www.epa.gov/greenkit/indicator.htm](http://www.epa.gov/greenkit/indicator.htm) The EPA also offers or links to many other manuals and tools for environmentally sensitive community planning, at [www.epa.gov/ecocommunity/tools.htm](http://www.epa.gov/ecocommunity/tools.htm) and [www.epa.gov/region7/citizens/cbep/resources.htm](http://www.epa.gov/region7/citizens/cbep/resources.htm) and [www.epa.gov/ecocommunity/bib.htm](http://www.epa.gov/ecocommunity/bib.htm)

*Headline indicators for a sustainable world: Measuring real progress*, by the New Economics Foundation, London, UK, 2002, a glossy 8-page booklet introducing how major environmental indicators contrast to GDP [www.neweconomics.org/gen/uploads/Indicators%20booklet.pdf](http://www.neweconomics.org/gen/uploads/Indicators%20booklet.pdf)

*Indicators for Sustainable Development: Theory, Method, Applications*, by Hartmut Bossel, for the International Institute for Sustainable Development, Winnipeg, 1999, downloadable from [www.iisd.org/publications/publication.asp?pno=275](http://www.iisd.org/publications/publication.asp?pno=275)

*Indicators That Count: Social and Environmental Indicators – A Model for Reporting Impact*, by Business in the Community, UK, July 2003, a ten page primer to help companies report their most important social and environmental impacts [www.bitc.org.uk/docs/Indicators\\_that\\_count.pdf](http://www.bitc.org.uk/docs/Indicators_that_count.pdf)

*Measuring Eco-efficiency: A Guide to Reporting Company Performance*, by Hendrik A. Verfaillie and Robin Bidwell, for the World Business Council for Sustainable Development, June 2000 [www.gdrc.org/sustbiz/measuring.pdf](http://www.gdrc.org/sustbiz/measuring.pdf) a toolkit for companies to measure their progress on sustainable development using a framework of indicators which were tested in a year-long pilot program involving 24 companies from 15 countries.

*Measuring Sustainable Development: The Nova Scotia Genuine Progress Index: Framework, Indicators and Methodologies*, by the Genuine Progress Index, Atlantic, in Halifax, Nova Scotia, Jan. 1998, a \$200 toolkit described with an abstract, table of contents, and ordering information with three links via the bottom of [www.gpiatlantic.org/pubs.shtml](http://www.gpiatlantic.org/pubs.shtml)

The *Sustainable Community Indicators Program*, whose prototype was originally developed for Environment Canada and Canada Mortgage and Housing Corporation by the Computing Research Laboratory for the Environment (CRLE) at the University of Guelph was intended to be an easy-to-use software package to help communities select, develop and work with effective indicators to produce actual maps, using government data. Apparently, it was available to community groups for a \$300 annual subscription fee for the program, data and technical support, for a time. It is now in the process of being implemented as an online version, on Environment Canada's site at [www.ec.gc.ca/soer-ree/English/Scip/index.cfm](http://www.ec.gc.ca/soer-ree/English/Scip/index.cfm)



The *Sustainable Community Indicators Trainer's Workshop* by Maureen Hart of the Sustainable Measures consultancy in North Andover, MA, 1998-2000 developed with the support of the US EPA's Office of Sustainable Ecosystems and Communities (OSEC) and the Lowell Center for Sustainable Production at the University of Massachusetts, Lowell, features a free 200-page manual available via [www.sustainablemeasures.com/Training/Indicators/index.html](http://www.sustainablemeasures.com/Training/Indicators/index.html)

The *Sustainable Communities Initiative*, a 2000 tutorial by the Economist Gerald R. Walter of the University of Victoria, at <http://web.uvic.ca/~gwalter/SCI00002.HTM> and see his *Economic Audit: Pathways to Sustainability – List of Questions Used in Audit, Classified by Area of Concern for Sustainability*, at <http://web.uvic.ca/~gwalter/csap/EAPaths.html> which was used for a project on Vanderhoof. <http://web.uvic.ca/~gwalter/csap/index.html> and his website for related projects at <http://web.uvic.ca/~gwalter> includes a portal on *Sustainable Communities: Interesting Web Sites*, at <http://web.uvic.ca/~gwalter/CSAPWEB.HTM>

*Sustainable Development: Innovation and the Quality of Life*, by Sherri Torjman and David Minns, for the Caledon Institute of Social Policy, in Ottawa a 10-page framework presented to the federal Interdepartmental Working Group on Sustainable Development in May 2001, introducing how the social dimension is often neglected [www.caledoninst.org/PDF/SusDev.pdf](http://www.caledoninst.org/PDF/SusDev.pdf) See *The Social Dimension of Sustainable Development* by Sherri Torjman, May 2000, for a little more detail and a good bibliography on that, which is described at [www.caledoninst.org/94598008.htm](http://www.caledoninst.org/94598008.htm) and downloadable from [www.caledoninst.org/sustdev.pdf](http://www.caledoninst.org/sustdev.pdf)

### **Portal Sites on Sustainable Development or Environmental Health**

*The Sustainability Report*, which is affiliated with the York Centre for Applied Sustainability at York University in Toronto has a good Links page at [www.sustreport.org/resource/websites.html](http://www.sustreport.org/resource/websites.html)

*The EnviroLink Network* [www.envirolink.org](http://www.envirolink.org) is a nonprofit portal site based in Pittsburgh, PA.

The *European System of Social Indicators* project directed by Heinz-Herbert Noll of the Social Indicators Department of ZUMA, the Centre for Survey Research and Methodology, in Mannheim, Germany, has a bibliography on sustainable development indicators and reports at [www.mzes.uni-mannheim.de/projekte/mikrodaten/liste\\_z.php?topic=sustain](http://www.mzes.uni-mannheim.de/projekte/mikrodaten/liste_z.php?topic=sustain)

*Other Sites' Sustainable & Livable Communities Links Pages*, a portal by EcoIQ.com ('Smart Choices Aligning Economics and Ecology') in Cupertino, California [www.ecoiq.com/onlineresources/center/listoflinks/sustainability/communities](http://www.ecoiq.com/onlineresources/center/listoflinks/sustainability/communities) and see also their main site [www.ecoiq.com](http://www.ecoiq.com) and search it for many articles, contacts, and resources on the subject.

*Environmental Health Internet Data Sources & Information*, by Barbara L. Walden, for the Southwest Region Health Information Partnership, London, ON, Nov. 2002 [www.srhip.on.ca/SRHIP/products/Environmental%20Health.pdf](http://www.srhip.on.ca/SRHIP/products/Environmental%20Health.pdf) A 28 page compendium of links, like this one.

*Environmental Sources for Research* compiled by Robert Loney of the Environmental & Resource Studies Program at Trent University in Peterborough, ON, lists Environmental Journals and Publications and links to their publishers at [www.trentu.ca/ers/weblinks3research2.shtml](http://www.trentu.ca/ers/weblinks3research2.shtml) (many of which will let you search their contents or see their recent abstracts for free online) and also has links to libraries, government departments, and organizations specializing in environmental issues at [www.trentu.ca/ers/weblinks4research3.shtml](http://www.trentu.ca/ers/weblinks4research3.shtml)

*LSx, the London Sustainability Exchange* is a portal site in London, England, with links, articles, and publications related to sustainable development indicators and running greener businesses.

*Sustainable Development Indicators* [www.sdi.gov](http://www.sdi.gov) a portal site by the Interagency Working Group on Sustainable Development Indicators in Washington, DC.

## **Section 2: Case Studies or Reports with Data on the Environmental Health or Sustainability of Particular Regions**

### **Data or Reports on the development of Environmental indicators in Canadian Regions**

*The 2003 State of the Environment*, the first such annual report by the Government of Prince Edward Island, establishes benchmarks for progress [www.gov.pe.ca/fae/state/index.php3](http://www.gov.pe.ca/fae/state/index.php3)

*Backgrounder on Measuring Sustainability* [www.sustreport.org/indicators/background.html](http://www.sustreport.org/indicators/background.html) an introductory article from *The Sustainability Report*, which is affiliated with the York Centre for Applied Sustainability at York University in Toronto. See also its *A Survey of Measuring Systems* at [www.sustreport.org/indicators/other\\_systems.html](http://www.sustreport.org/indicators/other_systems.html) which compares Canada's national system of measuring environmental sustainability to several other countries' and international bodies, and its two-part exposition of *Canada's Sustainability Indicators Initiative: The ESDI Approach to Indicators*, at [www.sustreport.org/indicators/esdi\\_approach.html](http://www.sustreport.org/indicators/esdi_approach.html) and [www.sustreport.org/indicators/nrtee\\_esdi.html](http://www.sustreport.org/indicators/nrtee_esdi.html)

The *Canadian Information System for the Environment* (CISE) [www.cise-scie.ca](http://www.cise-scie.ca) is a new portal site developed by the Canadian Government which "is being built to answer Canadians' need for integrated environmental information to assist in decision-making." So far it features indicators on air and water quality, biodiversity, climate change, energy consumption, and more, and it offers some Technical Standards & Tools and news items. Also available in French.

*Communities for Environmentally Sustainable Development - Final Report to the Commission on Environmental Cooperation*, by the International Institute for Sustainable Development (Winnipeg), Pro Habitat (Mexico), and Sustainable Seattle, Dec. 1997. (Includes case studies of initiatives in Seattle and the Prairies) [www.iisd.org/pdf/cec\\_report.pdf](http://www.iisd.org/pdf/cec_report.pdf)

*Environment Canada's "State of the Environment Infobase"* has a National Environmental Indicator Series, an interactive mapping system, and more, which is available both in English

[www.ec.gc.ca/soer-ree/English/default.cfm](http://www.ec.gc.ca/soer-ree/English/default.cfm) and in French [www.ec.gc.ca/soer-ree/Francais/Indicator\\_series/default.cfm](http://www.ec.gc.ca/soer-ree/Francais/Indicator_series/default.cfm) as with all the Government of Canada materials.

There are also regional versions of this such as the Environment Canada Atlantic Region site [www.ns.ec.gc.ca/index\\_e.html](http://www.ns.ec.gc.ca/index_e.html) and the Green Lane for the Québec region at [www.qc.ec.gc.ca/envcan/indexe.html](http://www.qc.ec.gc.ca/envcan/indexe.html) and Environment Canada - Ontario Region [www.on.ec.gc.ca/or-home.html](http://www.on.ec.gc.ca/or-home.html) and Environment Canada Prairie and Northern Region [www.pnr-rpn.ec.gc.ca/index.en.html](http://www.pnr-rpn.ec.gc.ca/index.en.html) and the *ecosystem information* for the Pacific and Yukon Region site [www.ecoinfo.org/index\\_e.cfm](http://www.ecoinfo.org/index_e.cfm) (whose Environmental Indicators section is at [www.ecoinfo.ec.gc.ca/env\\_ind/indicators\\_e.cfm](http://www.ecoinfo.ec.gc.ca/env_ind/indicators_e.cfm) Note, there is also an independent interactive Community Mapping Network (CMN) for British Columbia alone at [www.shim.bc.ca](http://www.shim.bc.ca) )

Environment Canada also has many other relevant programs, such as *EMAN: the Ecological Monitoring and Assessment Network* [www.eman-rese.ca/eman](http://www.eman-rese.ca/eman) which provides detailed information about specific regions, ecosystems, or initiatives (particularly the Atlantic Coastal Action Programme, the Fraser River Action Plan, the Georgia Basin Ecosystem Initiative, the Great Lakes Basin, the Northern Ecosystem Initiative, the Northern Rivers Ecosystem Initiative, and Saint-Laurent Vision 2000). It has a newsletter, and organizes conferences (e.g., the 1997 conference had a number of papers on indicators, such as *Indicators of Ecological Integrity - Parks Canada* and *Constructing a Meaningful Prairie Habitat Indicator*; the abstracts for them are at [www.eman-rese.ca/eman/reports/publications/nm97\\_abstracts/intro.html](http://www.eman-rese.ca/eman/reports/publications/nm97_abstracts/intro.html)), plus an online mapping facility, and more. Its main publications such as *Tracking Key Environmental Issues* (2001) are listed at [www.eman-rese.ca/eman/reports/publications/intro.html](http://www.eman-rese.ca/eman/reports/publications/intro.html)

*Environment and Sustainable Development Indicators for Canada*, by the National Round Table on the Environment and the Economy, May 2003. Available in html or pdf form from [www.nrtee-trnee.ca/eng/programs/Current\\_Programs/SDIndicators/index.html](http://www.nrtee-trnee.ca/eng/programs/Current_Programs/SDIndicators/index.html) and also in French [www.nrtee-trnee.ca/fre/programs/Current\\_Programs/SDIndicators/index.html](http://www.nrtee-trnee.ca/fre/programs/Current_Programs/SDIndicators/index.html)

See also several sets of background documents on the pre-existing state of environmental indicators: both the *Cluster Group Background Documents* linked at [www.nrtee-trnee.ca/eng/programs/Current\\_Programs/SDIndicators/ClusterGroups/ClusterGroup\\_BackgroundDocuments\\_e.htm](http://www.nrtee-trnee.ca/eng/programs/Current_Programs/SDIndicators/ClusterGroups/ClusterGroup_BackgroundDocuments_e.htm) and the *Background Research* documents at [www.nrtee-trnee.ca/eng/programs/Current\\_Programs/SDIndicators/Program\\_Research/Background\\_Research\\_e.htm](http://www.nrtee-trnee.ca/eng/programs/Current_Programs/SDIndicators/Program_Research/Background_Research_e.htm)

*Environmental Trends in British Columbia 2002* <http://wlapwww.gov.bc.ca/soerpt/index.html> by the BC Ministry of Water Land and Air Protection in Victoria, BC, reports on Air Quality; Health & Environment; Surface Water Quality; Groundwater; Surface Water Use; Toxic Contaminants; Chemicals in Wildlife; Greenhouse Gas Emissions; Climate Change; Mitigation of Impact; Economy; Protected Areas; Species at Risk; Habitat; Fish; and Wildlife. It can be viewed indicator by indicator, or all in one report. There are also previous years' and *Trends* reports as well as more regional reports at <http://wlapwww.gov.bc.ca/soerpt/publications.html>

*The Georgia Basin Environmental Indicators*, presented by the BC Ministry of Water Land and Air Protection <http://wlapwww.gov.bc.ca/soerpt/gbindicators/index.html> give introductory, intermediate, and full technical reports on the quality or state of the Groundwater; Surface Water; Domestic Waste; Protected Areas; Species at Risk; and Air Quality/Inhalable Particulates for this region of BC (involving the lower west coast and the east coast of Vancouver Island).

The Province of Manitoba's *State of the Environment* reports from the early to mid-nineties are available at [www.gov.mb.ca/conservation/annual-report/soe-reports/index.html](http://www.gov.mb.ca/conservation/annual-report/soe-reports/index.html)

*Mapping Environmental and Respiratory Health Indicators: A Case Study of a Community / University Collaboration*, by David Buckeridge, Carl Amrhein, and Ann Robertson, University of Toronto, a PowerPoint presentation from "Strengthening Canada's Environmental Community Through International Regime Reform: Twenty-First Century Challenges," the First Annual EnviReform (Strengthening Canada's Environmental Community Through International Regime Reform) Conference, November 16-18, 2000, at the University of Toronto [www.library.utoronto.ca/envireform/conference/slides/EnvironmentUofT\\_v2\\_files/frame.htm](http://www.library.utoronto.ca/envireform/conference/slides/EnvironmentUofT_v2_files/frame.htm) for more from that conference, see [www.envireform.utoronto.ca/conference/confer.html](http://www.envireform.utoronto.ca/conference/confer.html) and the homepage for the EnviReform institute is [www.library.utoronto.ca/envireform](http://www.library.utoronto.ca/envireform) with a bibliography at [www.library.utoronto.ca/envireform/publications/source-documents.html](http://www.library.utoronto.ca/envireform/publications/source-documents.html)

*The North American Mosaic: A State of the Environment Report* is a glossy book published by the North American Commission for Environmental Cooperation in Montréal in 2002. It is described at and can be downloaded from a link at [www.cec.org/soe/index.cfm?varlan=english](http://www.cec.org/soe/index.cfm?varlan=english) (but it is a huge, 8 mb file). It is also available in French and Spanish. There is a press release about it at [www.cec.org/news/details/index.cfm?varlan=english&ID=2441](http://www.cec.org/news/details/index.cfm?varlan=english&ID=2441)

*The Pacific Northwest Environmental Indicators Work Group*, comprised by Environment Canada (Pacific and Yukon Region); the BC Ministry of Environment, Lands and Parks; Alaska Department of Environmental Conservation; Idaho Division of Environmental Quality; Oregon Department of Environmental Quality; Washington Department of Ecology; and the U.S. Environmental Protection Agency, retained the Green Mountain Institute for Environmental Democracy (GMIED) to produce a report, *Toward "A Small, but Powerful" Set of regional Salmon Habitat Indicators for the Pacific Northwest*. It can be read on-line or downloaded in sections from [www.gmied.org/Places\\_&Cases/pnweiwg/pnw.htm](http://www.gmied.org/Places_&Cases/pnweiwg/pnw.htm) (except that the links don't work as of this writing). The Washington State Department of Ecology also has a report on this topic: *Pacific Northwest Salmon Habitat Indicators - Pilot Project Snohomish River Basin*, 1999, online at [www.ecy.wa.gov/biblio/99301.html](http://www.ecy.wa.gov/biblio/99301.html) A 2001 working paper, *New Roles for Science in Developing Environmental Indicators: A New Jersey Example*, by Mark G. Robson, University of Medicine and Dentistry of New Jersey, and Carolyn J. Whitaker, University of British Columbia, also discusses it and related projects [www.scc.rutgers.edu/cei/Resources/may2sg.pdf](http://www.scc.rutgers.edu/cei/Resources/may2sg.pdf)

GMIED has also been involved in several similar projects and has an introductory article and links to them at [www.gmied.org/Places\\_&Cases/places.htm](http://www.gmied.org/Places_&Cases/places.htm) and [www.gmied.org/Tools\\_&Topics/indics/indhome.html](http://www.gmied.org/Tools_&Topics/indics/indhome.html) E.g., the summary report for their *New England Environmental Goals And Indicators Partnership* project is at [www.gmied.org/Places\\_&Cases/negip/cpmreport.htm](http://www.gmied.org/Places_&Cases/negip/cpmreport.htm) and the various indicators and the data for them are online at [www.gmied.org/Places\\_&Cases/negip/data/testindex.htm](http://www.gmied.org/Places_&Cases/negip/data/testindex.htm)

The *Pembina Institute for Appropriate Development*, in Drayton Valley and Calgary, Alberta (and an Ottawa office, as well) has a whole series of Sustainability Measurement Publications at [www.pembina.org/publications\\_display.asp?category=3](http://www.pembina.org/publications_display.asp?category=3) including a series of 28 background reports on their development of individual GPI (Genuine Progress Indicator) indicators, and

more global reports such as *The Genuine Progress Indicator - A Principled Approach to Economics*, (1999), [www.pembina.org/pdf/publications/gpi\\_economics.pdf](http://www.pembina.org/pdf/publications/gpi_economics.pdf) *The Alberta GPI Blueprint: The Genuine Progress Indicator (GPI) Sustainable Well-Being Accounting System* (2001) [www.pembina.org/pdf/publications/gpi\\_blueprint.pdf](http://www.pembina.org/pdf/publications/gpi_blueprint.pdf) both by Mark Anielski.

Similarly, the GPI-Atlantic / Genuine Progress Index, Atlantic institute, in Halifax, Nova Scotia also has numerous publications on these themes, although generally for purchase rather than for free, available through [www.gpiatlantic.org/pubs.shtml](http://www.gpiatlantic.org/pubs.shtml)

*Selection of Indicators for Great Lakes Basin Ecosystem Health*, Version 4 (March 2000) and *SOLEC 2000 - Implementing Indicators* (Nov.2000), background papers for SOLEC, the State of the Lakes Ecosystem Conference, hosted by the governments of Canada and the United States, this fourth one in Hamilton, Ontario, October 17–19, 2000. These multi-part papers and a number of other presentations about the project are at [www.on.ec.gc.ca/solec/solec2000-e.html](http://www.on.ec.gc.ca/solec/solec2000-e.html)

The *State of the Environment* project Richmond, BC (which is across the Fraser River from Vancouver), [www.city.richmond.bc.ca/environment/policy/soe/soe\\_overview.htm](http://www.city.richmond.bc.ca/environment/policy/soe/soe_overview.htm) has involved two major reports to date, from 1998 and 2001. For a quick *List of Indicators* used in them, see [www.city.richmond.bc.ca/environment/policy/soe/docs/2001/List\\_of\\_Indicators.pdf](http://www.city.richmond.bc.ca/environment/policy/soe/docs/2001/List_of_Indicators.pdf) The 2001 report also contains a 2-page bibliography of *Selected Other State of the Environment Reports*, [www.city.richmond.bc.ca/environment/policy/soe/docs/2001/Selected\\_Other\\_SOE.pdf](http://www.city.richmond.bc.ca/environment/policy/soe/docs/2001/Selected_Other_SOE.pdf) mostly in BC, most of which are also online.

*Sustainability Indicators for the Fraser Basin: Consultation Report*, by the Fraser Basin Council, Vancouver, BC, Sept. 2001 [www.fraserbasin.bc.ca/documents/Indicator\\_Consult\\_Rpt.pdf](http://www.fraserbasin.bc.ca/documents/Indicator_Consult_Rpt.pdf) and the *State of Our Community: Moving Sustainability Forward Final Report*, May 2002, by The Quesnel Community Indicators Project Team set out a host of indicators and how they were arrived at ([www.fraserbasin.bc.ca/documents/Quesnel\\_Indicator\\_Report.pdf](http://www.fraserbasin.bc.ca/documents/Quesnel_Indicator_Report.pdf) a 3.7 mb file).

See also their *Sustainability Indicators for the Fraser Basin: Workbook* [www.fraserbasin.bc.ca/documents/Indicator%20Workbook.pdf](http://www.fraserbasin.bc.ca/documents/Indicator%20Workbook.pdf) and the *Better Ranching & Farming Practices – Good Indicators of Sustainability*, by Joe Post (March, 2001) [www.fraserbasin.bc.ca/Indicator%20Farming%20Story.html](http://www.fraserbasin.bc.ca/Indicator%20Farming%20Story.html) and a host of other reports related to this project at both the *Publications* page [www.fraserbasin.bc.ca/publications.html](http://www.fraserbasin.bc.ca/publications.html) and the *Summary of Initiatives* page [www.fraserbasin.bc.ca/nf\\_summary.html](http://www.fraserbasin.bc.ca/nf_summary.html) and there is also a *Links* page for organizations related to the Fraser Basin (which comprises a good chunk of BC, serviced by the mighty Fraser River) or sustainability at [www.fraserbasin.bc.ca/links.html](http://www.fraserbasin.bc.ca/links.html)

The *Sustainable Region Initiative* [www.gvrd.bc.ca/sustainability](http://www.gvrd.bc.ca/sustainability) of the Greater Vancouver Regional District (GVRD) features progress reports (e.g., the *Livable Region Strategic Plan 2002 Annual Report* [www.gvrd.bc.ca/publications/file.asp?ID=484](http://www.gvrd.bc.ca/publications/file.asp?ID=484)), and background articles on its development, plus dozens of case studies on dozens of local initiatives [www.gvrd.bc.ca/sustainability/casestudies.htm](http://www.gvrd.bc.ca/sustainability/casestudies.htm) and a *Links* page at [www.gvrd.bc.ca/sustainability/links.htm](http://www.gvrd.bc.ca/sustainability/links.htm) as well as tips on how to recycle, etc.

## Data or Reports on the development of Environmental indicators in Other Countries

### Australia

*Affordability and Sustainability Outcomes of 'Greenfield' Suburban Development and Master Planned Communities – a case study approach using triple bottom line assessment*, by John Blair, Matthew Fisher, Deo Prasad, Bruce Judd, Veronica Soebarto, Richard Hyde, and Robert Zehner, for the Australian Housing and Urban Research Institute (AHURI), May 2003, online at [www.ahuri.edu.au/attachments/70137\\_pp\\_greenfield.pdf](http://www.ahuri.edu.au/attachments/70137_pp_greenfield.pdf)

*Applying an Analytical Model for Assessing Community Sustainability: some preliminary results from northern Australian remote towns*, by Colin Macgregor, a paper presented to the First National Conference on the Future of Australia's Country Towns, 28th - 30th June 2000, Bendigo, Victoria, [www.regional.org.au/au/countrytowns/global/macgregor.htm](http://www.regional.org.au/au/countrytowns/global/macgregor.htm)

*Indicators for Sustainable Regional Development*, by Ian Ada and David Blore, a paper for the first National Conference on the Future of Australia's Country Towns, circa 2000, by [www.regional.org.au/au/countrytowns/strategies/ada.htm](http://www.regional.org.au/au/countrytowns/strategies/ada.htm)

### European and International Comparisons

The biannual *Canadian Development Report* (s) [www.nsi-ins.ca/ensi/index.html](http://www.nsi-ins.ca/ensi/index.html) by the North-South Institute in Ottawa contain a whole host of statistical information from the OECD and others in their appendices; for 2003 the url is [www.nsi-ins.ca/ensi/pdf/CDR2003\\_E\\_5.pdf](http://www.nsi-ins.ca/ensi/pdf/CDR2003_E_5.pdf) Also available in French.

The *Encyclopedia of Urban Environment-Related Indicators* [www.ceroi.net/ind/indicat.htm](http://www.ceroi.net/ind/indicat.htm) and many related items (including the 10-page *Understanding the CEROI template*, at <http://ceroi.net/ceroigs.pdf> and the Core Indicators, <http://ceroi.net/ind/matrix.asp>) and resources are available on the Urban Environment Information Gateway [www.ceroi.net/index.htm](http://www.ceroi.net/index.htm) of the Cities Environment Reports On the Internet (CEROI) program of the United Nations Environmental Program and the Norwegian Industrial and Regional Development Fund.

*Environmental Indicators (5<sup>th</sup> Ed.)*, by Liv Fredricksen, Laura Jones, and Tracy Wates, for the Fraser Institute, Vancouver, April 2002. An “index of environmental indicators for Canada, the United States, Mexico, the United Kingdom, and South Korea [which] shows that fears about increasing environmental degradation in these countries are unfounded.” Online in sections of pdf files at [www.fraserinstitute.ca/shared/readmore.asp?sNav=pb&id=314](http://www.fraserinstitute.ca/shared/readmore.asp?sNav=pb&id=314)

*The Environment and Health Information System* by WHO, the World Health Organization, and its Environment and Health Indicators for EU Countries (ECOEHIS) are online with articles and reports on their nature and formation at [www.who.dk/Ehindicators](http://www.who.dk/Ehindicators) A table with the actual core indicators is at [www.who.dk/EHindicators/Methodology/20030528\\_1](http://www.who.dk/EHindicators/Methodology/20030528_1) Also available in French.

The *European Common Indicators Project* and its reports (including the 212 pp. *Final Project Report: Development, Refinement, Management and Evaluation of European Common Indicators Project (ECI)*), by Ambiente Italia Research Institute, Milano, Italy, May 2003,

[www.sustainable-cities.org/indicators/ECI%20Final%20Report.pdf](http://www.sustainable-cities.org/indicators/ECI%20Final%20Report.pdf) are available on the *Campaign Interactive: Sustainable Cities Information System* site dedicated to urban sustainability and Local Agenda 21, which is funded by the European Commission, at [www.sustainable-cities.org/index.html](http://www.sustainable-cities.org/index.html)

The *Human Development Reports* and the *Human Development Index* developed by the United Nations Development Program (UNDP), <http://hdr.undp.org/default.cfm> which compares the relative states of social and economic well-being in over a hundred countries and has developed indices to measure gender equality and empowerment, also features a series of background reports, some of which are on the concept and measurement of sustainable development, at <http://hdr.undp.org/publications/papers.cfm> and it hosts several bulletin board discussions on indicator and measurement issues at <http://hdr.undp.org/network/index.cfm> and its *Research Tools* page has links to other organizations involved in assessing sustainable development, at [http://hdr.undp.org/nhdr/research\\_tools.cfm](http://hdr.undp.org/nhdr/research_tools.cfm) Also available in French and Spanish.

*State of the World 2002*, by the WorldWatch Institute in Washington, DC, downloadable from [www.worldwatch.org/pubs/sow/2002](http://www.worldwatch.org/pubs/sow/2002) The previous years reports and items on sub-topic of their *Vital Signs PDFs* are also available for free at [www.worldwatch.org/bookstore/merchant.mvc?Screen=CTGY&Category\\_Code=EVS](http://www.worldwatch.org/bookstore/merchant.mvc?Screen=CTGY&Category_Code=EVS) and they have scores of papers and links available for a whole range of environmental and social topics.

## United Kingdom

*Indicators of Sustainable Development*, by the U.K. Government, available in a single document and illustrated individually in a series of articles and graphics with links to the reports they figure in, at [www.sustainable-development.gov.uk/indicators](http://www.sustainable-development.gov.uk/indicators) They also offer *Regional quality of life counts: 2002 regional versions of the national Headline Indicators of sustainable development*, at [www.sustainable-development.gov.uk/indicators/regional/2002/index.htm](http://www.sustainable-development.gov.uk/indicators/regional/2002/index.htm) and *Local quality of life counts – a handbook for a menu of local indicators of sustainable development* (July 2000) [www.sustainable-development.gov.uk/indicators/local/localind/index.htm](http://www.sustainable-development.gov.uk/indicators/local/localind/index.htm) and *Indicators of Sustainable Development: Links* [www.sustainable-development.gov.uk/indicators/links.htm](http://www.sustainable-development.gov.uk/indicators/links.htm) which lists scads of U.K. and international sites and reports.

The *London Sustainable Development Commission*, a program of the Mayor's Office in London England, has a number of reports and links available at [www.london.gov.uk/mayor/sustainable-development/sustainable\\_development\\_commission.jsp](http://www.london.gov.uk/mayor/sustainable-development/sustainable_development_commission.jsp)

## United States

*Developing a Set of Sustainability Indices for the State of Oregon*, by Adam Zimmerman, an MA thesis for Department of Planning, Public Policy and Management and the Graduate School of the University of Oregon, from August 2002, which examines the well-known Oregon Benchmarks “in the context of sustainability [and] synthesizes existing Benchmark indicators into composite indices of environmental, economic, and community sustainability. Available from the Oregon Progress Board's site at [www.econ.state.or.us/opb/links/Sustain.htm](http://www.econ.state.or.us/opb/links/Sustain.htm) See also its own *Sustainability White Paper* on that page, and plenty more by it from its main sitemap

page at [www.econ.state.or.us/opb/sitemap.htm](http://www.econ.state.or.us/opb/sitemap.htm) and *Oregon Benchmarks: Changing Systems By Stealth*, a report by the Centre for Community Enterprise in Port Alberni, BC, from Oct. 2000, at [www.cedworks.com/pdf/papers/OB\\_Final\\_Report.pdf](http://www.cedworks.com/pdf/papers/OB_Final_Report.pdf)

*Environmental Health Indicators for the U.S. - Mexico Border, Concept Document* by Pierre Gosselin, Chris Furgal, and Alfonso Ruiz, for the Pan American Health Organization, El Paso Field Office, US-Mexico Border, available in both English and Spanish from [www.fep.paho.org/english/env/indicadores/indsa.htm](http://www.fep.paho.org/english/env/indicadores/indsa.htm)

See also their indicators on *Health Profiles for the Sister Communities on the United States - Mexico Border*, at [www.fep.paho.org/english/SisCity.asp](http://www.fep.paho.org/english/SisCity.asp)

The EPA [www.epa.gov](http://www.epa.gov) the United States Environmental Protection Agency, has a subsite dedicated to Biological Indicators of Watershed Health at [www.epa.gov/bioindicators](http://www.epa.gov/bioindicators) as well as various reports on specific issues, such as *Latest Findings on National Air Quality: 2002 Status and Trends* ([www.epa.gov/airtrends](http://www.epa.gov/airtrends)) and much more.

The *Interagency Working Group on Sustainable Development Indicators* in Washington, DC, runs a portal site and also features some of their own reports, such as *Sustainable Development in the United States: An Experimental Set of Indicators*, Sept. 2001. [www.sdi.gov/lpBin22/lpext.dll/Folder1/Infobase7/1?fn=main-j.htm&f=templates&2.0](http://www.sdi.gov/lpBin22/lpext.dll/Folder1/Infobase7/1?fn=main-j.htm&f=templates&2.0)

*Neighborhood Knowledge for Change: The West Oakland Environmental Indicators Project*, by the Pacific Institute for Studies In Development, Environment, and Security, January 2002, abstract at [www.pacinst.org/reports/environmental\\_indicators.htm](http://www.pacinst.org/reports/environmental_indicators.htm) download direct from [www.pacinst.org/reports/EIP\\_final\\_\(w\\_printers\\_marks\).pdf](http://www.pacinst.org/reports/EIP_final_(w_printers_marks).pdf) (warning: this is a 1.6 mb file)

*The New Jersey Center for Environmental Indicators* [www.scc.rutgers.edu/cei/index.htm](http://www.scc.rutgers.edu/cei/index.htm) is a joint venture of the Rutgers University/UMDNJ, Environmental and Occupational Health Sciences Institute (EOHSI), the State Department of Environmental Protection (NJDEP) and Rutgers New Jersey Agricultural Experiment Station (NJAES). It features a database of environmental literature or videos etc. related to New Jersey at <http://njenv.rutgers.edu> plus a number of key reports on environmental indicators, not only (but mostly) related to New Jersey, but also a massive (277 page) 1998 report by the New Jersey Department of Environmental Protection, [www.scc.rutgers.edu/cei/about/PDF%20Files/Env%20Ind%20Tech%20Report%20June%201998.pdf](http://www.scc.rutgers.edu/cei/about/PDF%20Files/Env%20Ind%20Tech%20Report%20June%201998.pdf) plus a *Links* site [www.scc.rutgers.edu/cei/links/links\\_index.htm](http://www.scc.rutgers.edu/cei/links/links_index.htm) and more.

Also from New Jersey, see: *Living with the Future in Mind - Goals and Indicators for New Jersey's Quality of Life: The 1999 Sustainable State Report*, by New Jersey Future, an advocacy group. Available for download at [www.njfuture.org/HTMLSrc/SSR/index.html](http://www.njfuture.org/HTMLSrc/SSR/index.html) See its 11 Goals and 41 indicators at [www.njfuture.org/HTMLSrc/SSR/GoalsAndIndicators.html](http://www.njfuture.org/HTMLSrc/SSR/GoalsAndIndicators.html) and its 1996 precursor, *20 Measures of Sustainability* [www.njfuture.org/HTMLSrc/20meas.html](http://www.njfuture.org/HTMLSrc/20meas.html)

*The State of the Nation's Ecosystems: Measuring the Land, Waters, and Living Resources of the United States*, [www.heinzctr.org/ecosystems/report.html](http://www.heinzctr.org/ecosystems/report.html) by the H. John Heinz III Center for Science, Economics and the Environment, in Washington, DC, Sept. 2002. The main report is at



[www.heinzctr.org/ecosystems/intro/toc.shtml](http://www.heinzctr.org/ecosystems/intro/toc.shtml) and a list of the *Indicators at a Glance* is at [www.heinzctr.org/ecosystems/intro/indicators1.shtml](http://www.heinzctr.org/ecosystems/intro/indicators1.shtml)

### **Section 3: More Academic Discussions or Analyses of Sustainable Development Practices or Principles**

*Assessing Sustainable Development: Principles in Practice*, by Peter Hardi and Terrence Zdan, for the International Institute for Sustainable Development in Winnipeg, 1997, includes an account of the “Bellagio Principles for Assessment.” Downloadable from [www.iisd.org/publications/publication.asp?pno=279](http://www.iisd.org/publications/publication.asp?pno=279)

*Beyond Delusion: A Science and Policy Dialogue on Designing Effective Indicators for Sustainable Development*, the summary of “Beyond Delusion: Science and Policy Dialogue on Designing Effective Indicators of Sustainable Development,” a multidisciplinary workshop with representatives from 17 countries, held in San Rafael de Heredia, Costa Rica, 1999, summarized by the International Institute for Sustainable Development in Winnipeg, [www.iisd.org/pdf/finalreport.pdf](http://www.iisd.org/pdf/finalreport.pdf)

The *Canadian Journal of Public Health/ Revue canadienne de santé publique* features a number of articles on environmental health and determinants of public health, particularly in its 2002 volumes: see [www.cpha.ca/shared/cjph/archives/abstr02.htm](http://www.cpha.ca/shared/cjph/archives/abstr02.htm) for abstracts. A special issue of it, Vol. 93, Supplement 1, Sept/Oct 2002, dedicated to *Selected Papers from the Quebec City Consensus Conference on Environmental Health Indicators, October 2002*, contains articles like “Indicators in Environmental Health: Identifying and Selecting Common Sets,” by J. Eyles and C. Furgal of the McMaster Institute of Environment and Health. This issue is available online at [www.mcmaster.ca/mieh/resources/Vol%2093\\_supplement\\_CJPH\\_2002.pdf](http://www.mcmaster.ca/mieh/resources/Vol%2093_supplement_CJPH_2002.pdf)

The *Canadian Community Monitoring Network* [www.ccmn.ca](http://www.ccmn.ca) was started by the Ecological Monitoring and Assessment Network Coordinating Office of Environment Canada and the Canadian Nature Federation (a coalition of 100 environmental groups, based in Ottawa: [www.cnf.ca](http://www.cnf.ca)) to help “concerned citizens, government agencies, industry, academia, community groups and local institutions collaborate to monitor, track, and respond to issues of common community concern.” Its main action plan document, *Improving Local Decision-Making through Community Based Monitoring: Toward a Canadian Community Monitoring Network* (2003), (online both in sections at [www.ccmn.ca/english/library/vsi/intro.html#toc](http://www.ccmn.ca/english/library/vsi/intro.html#toc) and as a single pdf document at [www.cnf.ca/ccmn/ccmn\\_e.pdf](http://www.cnf.ca/ccmn/ccmn_e.pdf)) mentions indicators several times, such as when it makes the case to address “Enhancing the Effectiveness of Ecological Monitoring at the Community Level.” They also show up in *Organizing Community Based Ecosystem Monitoring In Canada*, [www.ccmn.ca/english/library/whitelaw/intro.html#toc](http://www.ccmn.ca/english/library/whitelaw/intro.html#toc) by Graham S. Whitelaw, Jenna M. Watson, Leslie E. Adams, and Lorri Krebs, Final draft research report prepared for the Canadian Nature Federation and the Ecological Monitoring and Assessment Network Office, Environment Canada in support of the Voluntary Sector Initiative (VSI) Project “Linking Community Based Ecosystem Monitoring to Local Decision Making and Policy Development on Sustainability,” Feb. 2002, which briefly reviews some quality of life projects, particularly in it Appendix. No doubt more materials will be appearing on this site anon, as this project has just begun.

*Global Ecological Integrity and 'Sustainable Development': Cornerstones of Public Health*, by Colin L. Soskolne and Roberto Bertollini, a WHO Discussion Document based on an International Workshop at the World Health Organization European Centre for Environment and Health Rome Division, Rome, Italy, 3-4 Dec. 1998, published by the World Health Organization European Centre for Environment and Health, online at [www.who.dk/document/gch/ecorep5.pdf](http://www.who.dk/document/gch/ecorep5.pdf)

The *Global Reporting Initiative*, based in Amsterdam, is a project started by the Coalition for Environmentally Responsible Economies (CERES) and is now an independent official collaborating centre of the United Nations Environment Programme (UNEP). Their *Global Sustainability Reporting Guidelines 2002* are at [www.globalreporting.org/guidelines/2002.asp](http://www.globalreporting.org/guidelines/2002.asp) It is also available in French and several other languages.

*Grassroots Indicators for Desertification: Experience and Perspectives from Eastern and Southern Africa*, edited by Helen Hambly and Tobias Onweng Angura (Ottawa: the International Development Research Centre, 1996), concerns, "Measures or signals of environmental quality or change recorded by individuals, households, and communities are derived from local systems of observation, practice, and indigenous knowledge," and "documents why grassroots indicators should play a key role in the monitoring, evaluation, and reporting systems for sustainable development." Contains over ten chapters from different contributors, such as "Research Methodologies for Identifying and Validating Grassroots Indicators," by Lemeck Kinyunyu and Marja-Liisa Swantz. Originally for purchase, it is now an online book, as well, accessible via [www.idrc.ca/acb/showdetl.cfm?&DID=6&Product\\_ID=505&CATID=15](http://www.idrc.ca/acb/showdetl.cfm?&DID=6&Product_ID=505&CATID=15)

There is also a 1995 article on it by Helen Hambly, *Grassroots Indicators for Sustainable Development*, from *IDRC Reports*: Vol.23, No.1 [www.idrc.ca/books/reports/V231/susdev.html](http://www.idrc.ca/books/reports/V231/susdev.html)

*Indicators for Monitoring Integration of Environment and Sustainable Development in Enterprise Policy – Final Report*, by Julia Hertin, Frans Berkhout, Stephan Moll, and Philipp Schepelmann, of SPRU – the Science and Technology Policy Research, University of Sussex, Brighton, UK, Feb. 2001. This 50-page report develops a framework for policy makers to consider to integrate sustainable development principles into their CED policies, featuring a focused set of integration indicators with examples of how they could be reported and implemented. [http://europa.eu.int/comm/enterprise/environment/reports\\_studies/studies/study99-502550\\_indicators-ph-finalreport010202.pdf](http://europa.eu.int/comm/enterprise/environment/reports_studies/studies/study99-502550_indicators-ph-finalreport010202.pdf)

*Indicators and Information Systems for Sustainable Development*, by Donella Meadows, of the Sustainability institute, in Hartland, VT, 1998, for the Balaton Group, available from several sites, including [www.belspo.be/platformisd/Frans/documents/meadows-isd.pdf](http://www.belspo.be/platformisd/Frans/documents/meadows-isd.pdf) [www.nssd.net/pdf/Donella.pdf](http://www.nssd.net/pdf/Donella.pdf) and [http://iisd1.iisd.ca/pdf/s\\_ind\\_2.pdf](http://iisd1.iisd.ca/pdf/s_ind_2.pdf) and their own [www.sustainabilityinstitute.org/pubs/Indicators&Information.pdf](http://www.sustainabilityinstitute.org/pubs/Indicators&Information.pdf)

*Key Concepts in Sustainable Development*, by William Grunkemeyer and Myra Moss, Regional Research Institute, Western Virginia University, 1999. [www.rri.wvu.edu/WebBook/Grunkemeyer-Moss/contents.htm](http://www.rri.wvu.edu/WebBook/Grunkemeyer-Moss/contents.htm)

*Land Quality Indicators and Their Use in Sustainable Agriculture and Rural Development*, the Proceedings of the Workshop organized by the Land and Water Development Division, by the FAO Agriculture Department and the Research, Extension and Training Division and the FAO Sustainable Development Department 25-26 January 1996, published in 1997 and 1998 by the Food and Agriculture Organization of the United Nations, has accounts of sessions on Recent Efforts To Develop Indicators, Sectoral Issues In Developing Indicators, and Thematic Issues In Developing Indicators. [www.fao.org/docrep/W4745E/w4745e00.htm#Contents](http://www.fao.org/docrep/W4745E/w4745e00.htm#Contents)

*Measuring Sustainable Development: A Review of Current Practice*, an ‘Occasional Paper’ by Peter Hardi, Stephan Barg, and Tony Hodge, of the International Institute for Sustainable Development, for Industry Canada, Nov., 1997, <http://strategis.ic.gc.ca/SSG/ra01575e.html>  
direct link: <http://strategis.ic.gc.ca/SSI/ra/op17-a.pdf>

*Methods for Sustainability Assessment*, is a working paper on indicators by Robert Paehlke, the instructor of the Environmental & Resource Studies Program at Trent University in Peterborough, ON, online at the course page for 310, Public Policy and the Canadian Environment, [www.trentu.ca/ers/files/310\\_sustain\\_assess.pdf](http://www.trentu.ca/ers/files/310_sustain_assess.pdf)

*An Outline of Current Thinking on Sustainability Assessment*, by Kathryn Buselich, Institute for Sustainability and Technology Policy, Murdoch University, Western Australia, a background paper prepared for the Western Australian State Sustainability Strategy, July 2002  
[www.sustainability.dpc.wa.gov.au/BGPapers/KathrynBuselichSustainabilityAssessment.pdf](http://www.sustainability.dpc.wa.gov.au/BGPapers/KathrynBuselichSustainabilityAssessment.pdf)

*Overview of Sustainable Development Indicators Used by National and International Agencies*, by Statistics Norway, Statistics Working Paper Series - 2002/1, available from the OECD (Organisation for Economic Co-operation and Development) Statistics Portal, at: [www.oecd.org/dataoecd/24/63/1957413.doc](http://www.oecd.org/dataoecd/24/63/1957413.doc) (a 1.1 mb MS Word document).

*A Proposed Approach to Environment and Sustainable Development Indicators Based on Capital*, by Robert Smith and Claude Simard, Environment Accounts and Statistics Division, Statistics Canada, prepared for The Canadian Economics Association Meeting, May 31 – June 3, 2001, at McGill University, and the Environment and Sustainable Development Indicators Initiative of the National Round Table on the Environment and the Economy. Online at [www.csls.ca/events/cea01/smith.pdf](http://www.csls.ca/events/cea01/smith.pdf)

*A Review of Indicators of Sustainable Development: A Report For Scottish Enterprise Tayside – Final Report February 2000*, by Tony Jackson and Peter Roberts, Geddes Centre for Planning Research, School of Town and Regional Planning, University of Dundee, Scotland  
[www.trp.dundee.ac.uk/library/pubs/set.html](http://www.trp.dundee.ac.uk/library/pubs/set.html)

*Seeing Change Through the Lens of Sustainability*, a background paper for the Workshop, “Beyond Delusion: Science and Policy Dialogue on Designing Effective Indicators of Sustainable Development,” by R. Anthony Hodge, Peter Hardi, David V.J. Bell, May 1999, available on the International Institute For Sustainable Development site, [www.iisd.org/pdf/background.pdf](http://www.iisd.org/pdf/background.pdf)

*Sustainable Development: Concepts, Measures, Market and Policy Failures at the Open Economy, Industry and Firm Levels*, an ‘Occasional Paper’ by Philippe J. Crabbé, for Industry Canada, 1997, online at <http://strategis.ic.gc.ca/SSG/ra01574e.html> (direct link: <http://strategis.ic.gc.ca/SSI/ra/op16-a.pdf>) Presumably it is also available in French.

Some of the papers from *The Expert Group Meeting on Setting the Scope of Social Statistics*, hosted by the United Nations Statistics Division in collaboration with the Siena Group on Social Statistics, New York, 6-9 May 2003, pertain to sustainable development. E.g., *Social Statistics in the Development Agenda: Two Cases for Relevance and Sustainability*, by Tomas Africa, the Director of the United Nations Statistical Institute for Asia and the Pacific, online at [http://unstats.un.org/unsd/workshops/socialstat/no\\_8.doc](http://unstats.un.org/unsd/workshops/socialstat/no_8.doc) The scope and participants from a couple dozen countries or international organizations for this conference are described in several documents at <http://unstats.un.org/unsd/workshops/socialstat> and the papers by them are at [http://unstats.un.org/unsd/workshops/socialstat/list\\_of\\_documents.htm](http://unstats.un.org/unsd/workshops/socialstat/list_of_documents.htm)

The *Work session on methodological issues of environment statistics*, at the Joint ECE/Eurostat Work Session on Methodological Issues of Environment Statistics (Ottawa, 1-4 October 2001), features about two dozen downloadable reports on the emerging state of sustainable development and environmental health indicators in a number of countries, including Canada, at [www.unece.org/stats/documents/2001.10.env.htm](http://www.unece.org/stats/documents/2001.10.env.htm) There are also email links for the lead authors of each report. There are also some applicable reports available from three previous conferences, linked together under the grouping, “Environment Statistics – 5.1 Sectorial concepts definitions and classifications,” on this United Nations Economic Commission for Europe site at [www.unece.org/stats/archive/05.01.e.htm](http://www.unece.org/stats/archive/05.01.e.htm) (with the reports for the individual years being at: [www.unece.org/stats/documents/1999.10.env.htm](http://www.unece.org/stats/documents/1999.10.env.htm) and [www.unece.org/stats/documents/1998.09.env\\_meth.htm](http://www.unece.org/stats/documents/1998.09.env_meth.htm) and [www.unece.org/stats/documents/1997.09.env\\_meth.htm](http://www.unece.org/stats/documents/1997.09.env_meth.htm))

### ***Part 3: Guides or Resources for conducting Community-Level Assessments for Health Promotion Purposes***

#### ***Section 1: Guides or Resources Geared more to Practitioners***

##### **Manuals on how to conduct a Community-Level Assessment to Promote Health**

*Assessing Rural Health: Toward Developing Health Indicators for Rural Canada*, by the Centre for Rural and Northern Health Research, Laurentian University, with the Canadian Institute for Health Information and the College of Family Physicians of Canada, for Health Canada, 1999 <http://laurentian.ca/cranhr/pdf/indcat/INDCONT.pdf> A shorter version, “A Strategy for Developing Environmental Health Indicators for Rural Canada,” by Raymond W. Pong, J. Roger Pitblado, and Andrew Irvine, appears in the *Canadian Journal of Public Health/ Revue canadienne de santé publique* 93, S1, Sept/Oct 2002, pp. S52-S55, online at [www.laurentian.ca/cranhr/pdf/CJPH\\_2002.pdf](http://www.laurentian.ca/cranhr/pdf/CJPH_2002.pdf)

*Community Health Indicators – Definitions and Interpretations*, by the Working Group on Community Health Information Systems and S Chevalier, R Choinière, M Ferland, M Pageau, Y Sauvageau (Directions de la santé publique, Quebec), formerly available from the Canadian Institute for Health Information, in Ottawa 1995; 224 pp. (available in English and French). This publication no longer appears to be available from the CIHI, but it may be in government or university libraries for each province, since it is cited in various health reports. Similarly, the *Health indicator workbook: a tool for healthy communities*, 2<sup>nd</sup> ed. by Shannon K. Turner and Sylvia Teuer Robinson (British Columbia: Population Health Resource Branch, BC Ministry of Health and Ministry Responsible for Seniors, 1995) also seems to be out of print but may be available in libraries.

*Community Health Needs Assessment Guidelines*, a short guidebook by the Manitoba Health Department, circa 1997, online at [www.gov.mb.ca/health/rha/chnag.pdf](http://www.gov.mb.ca/health/rha/chnag.pdf) (in English) or [www.gov.mb.ca/health/documents/chnag\\_fr.pdf](http://www.gov.mb.ca/health/documents/chnag_fr.pdf) (in French)

*The Community Quality of Life Project: A Health Promotion Approach to Understanding Communities*, by Dennis Raphael, Brenda Steinmetz, Rebecca Renwick, Irving Rootman, Ivan Brown, Hersh Sehdev, Sherry Phillips, and Trevor Smith, an article published in *Health Promotion International* 14(3): 197-210, available for download from the Canadian Policy Research Networks' Quality of Life project site at [www.cprn.org/corp/qolip/files/cqlp.pdf](http://www.cprn.org/corp/qolip/files/cqlp.pdf) See also their *Government Policies as a Threat to Health: Findings from Two Toronto Community Quality of Life Studies* (by Dennis Raphael, Sherry Phillips, Rebecca Renwick, and Hersh Sehdev), which was submitted to the *Canadian Journal of Public Health/ Revue canadienne de santé publique*, and is also on the CPRN site at [www.cprn.org/corp/qolip/files/gpth.pdf](http://www.cprn.org/corp/qolip/files/gpth.pdf)

*Doing Your Progress Report*, a two-part workbook by the Ontario Healthy Communities Coalition in Toronto is temporarily unavailable but will soon be reposted, likely at [www.healthycommunities.on.ca/publications/index.html](http://www.healthycommunities.on.ca/publications/index.html)

*Evaluating community health promotion programmes*, by Richard L. Potvin; *Health impact assessment as a tool for health promotion and population health*, by C. James Frankish, Lawrence W. Green, Pamela A. Ratner, Treena Chomik and Craig Larsen; *What counts as evidence: issues and debates*, by David V. McQueen and Laurie M. Anderson; and other articles in *Evaluation in health promotion: Principles and perspectives*, the World Health Organization's *WHO Regional Publications: European Series*, vol. 92, 2001. This book, which was co-sponsored by Health Canada and has many Canadian contributors, can be freely downloaded in parts from [www.who.dk/InformationSources/Publications/Catalogue/20010911\\_43](http://www.who.dk/InformationSources/Publications/Catalogue/20010911_43)

*The Healthy People 2010 TOOLKIT – A Field Guide to Health Planning*, by Healthy People 2010, a program by the Office of Disease Prevention and Health Promotion and U.S. Department of Health and Human Services, first published in 1999, encompasses seven main 'Action Areas': Building the Foundation: Leadership and Structure; Identifying and Securing Resources; Identifying and Engaging Community Partners; Setting Health Priorities and Establishing Objectives; Obtaining Baseline Measures, Setting Targets, and Measuring Progress; Managing and Sustaining the Process; and Communicating Health Goals and Objectives. Available in sections of pdf files at [www.healthypeople.gov/state/toolkit](http://www.healthypeople.gov/state/toolkit) (also available for purchase).

*Health System Performance Indicators as a Tool for Maximizing Health Gain in Canada: Where Do Pharmaceuticals Fit?* by TurnKey Management Consulting, for Merck Frosst Canada Ltd., Dec. 2001 [www.merckfrosst.ca/e/health/policy/pdf/pharmaperfind\\_4.pdf](http://www.merckfrosst.ca/e/health/policy/pdf/pharmaperfind_4.pdf) A literature review and account of the highlights and lessons learned from various government and health related performance system projects, with useful tables on the desirable features of indicator systems and suggestions for indicators for assessing prescription drug usage.

*How Are Health Reforms Affecting Seniors? A Participatory Evaluation Guide*, by Elaine Gallagher, Nancy Gnaedinger, and Shannon Mullen for the National Advisory Council on Aging (NACA), Ottawa, 1998. A 75-page 'how to' guide on doing a community level assessment related to the adequacy of health services covering everything from survey design to how to conduct a focus group, available in either html or pdf form at [www.hc-sc.gc.ca/seniors-aines/naca/special\\_reports/health\\_reforms/hlth-reform\\_intro\\_e.htm](http://www.hc-sc.gc.ca/seniors-aines/naca/special_reports/health_reforms/hlth-reform_intro_e.htm) Also available in French at [www.hc-sc.gc.ca/seniors-aines/pubs/health\\_reforms/health\\_reforms\\_f.pdf](http://www.hc-sc.gc.ca/seniors-aines/pubs/health_reforms/health_reforms_f.pdf)

*How to do (or not to do)...Health Impact Assessment*, by Leonard B. Lerer, of the South Africa Healthcare Management Initiative, INSEAD, France, an article from *Health Policy and Planning* 14(2): 198-203, 1999, online at <http://heapol.oupjournals.org/cgi/reprint/14/2/198.pdf>

*Improving Health in the Community: A Role for Performance Monitoring*, edited by Jane S. Durch, Linda A. Bailey, and Michael A. Stoto, for the Committee on Using Performance Monitoring to Improve Community Health, Institute of Medicine (National Academies Press, for the National Academy of Sciences, 1997). Its introduction and contents are available at [www.nap.edu/readingroom/books/improving/#top](http://www.nap.edu/readingroom/books/improving/#top) and it can be ordered for purchase or viewed online page by page at [www.nap.edu/catalog/5298.html](http://www.nap.edu/catalog/5298.html)

*Indicators that count: Measuring population health at the community level*, by Trevor Hancock Ron Labonté, and R. Edwards, published by the Centre for Health Promotion/Participation at the University of Toronto, 2000, and available for purchase via [www.utoronto.ca/chp/p-titles.htm](http://www.utoronto.ca/chp/p-titles.htm) An abbreviated version of it appears in the *Canadian Journal of Public Health/ Revue canadienne de santé publique* 90(Supplement 1): S22-S26, 1999. This particular issue is online at the site of the Institute of Health Promotion Research at UBC at [www.ihpr.ubc.ca/pdfs/90sup1.pdf](http://www.ihpr.ubc.ca/pdfs/90sup1.pdf) since it hosted the conference the issue is dedicated to (the *Canadian Conference on Shared Responsibility and Health Impact Assessment: Advancing the Population Health Agenda, 2-3 May 1999, Vancouver, British Columbia*); hence, several other articles in it are relevant.

*Indicators to Help with Capacity Building in Health Promotion*, by Penelope Hawe, Lesley King, Michelle Noort, Christopher Jordens, and Beverley Lloyd for the Department of Health in New South Wales, Australia, 1999, available for download at [www.health.nsw.gov.au/public-health/health-promotion/pdf/indicators/capbuild.pdf](http://www.health.nsw.gov.au/public-health/health-promotion/pdf/indicators/capbuild.pdf) See also other NSW Health Promotion documents and links (some to Canadian sites or sources, such as a presentation on partnerships by Saskatchewan's Ron Labonté) at [www.healthpromotion.act.gov.au/research/weblinks/hp.asp](http://www.healthpromotion.act.gov.au/research/weblinks/hp.asp)

*The New Brunswick Community Health Needs Assessment*, a guidance manual produced by the Government of New Brunswick Health & Wellness, Oct. 2002

[www.gnb.ca/0601/pdf/CHCNBNeedsAssessmentEngNov201.pdf](http://www.gnb.ca/0601/pdf/CHCNBNeedsAssessmentEngNov201.pdf) (English) or  
[www.gnb.ca/0601/pdf/chcNBNeedsAssessmentsNov20.pdf](http://www.gnb.ca/0601/pdf/chcNBNeedsAssessmentsNov20.pdf) (French)

*Pathways to a Healthy Community: An Indicators and Evaluation Tool Kit*, by the Ontario Healthy Communities Coalition, in Toronto, 1999. Discusses 19 evaluation and indicator tools used in North America, with a User's Guide detailing how to select the tool most appropriate one to their needs, how to obtain copies of the various tools, with an annotated bibliography of other tools and resources, and an annotated list of evaluation/indicator web sites and a list of local contacts for folks working on evaluation/indicator initiatives around Ontario. Available in two parts at [www.healthycommunities.on.ca/resources/pathways/index.html](http://www.healthycommunities.on.ca/resources/pathways/index.html)

*Rural Community Guide for Assessing Well-Being and Quality of Life*, edited by Robert Annis, Frances Racher and Marian Beattie, of the Rural Development Institute at Brandon University in Manitoba, a work in progress at [www.brandonu.ca/organizations/RDI/sshrc\\_wkbk.html](http://www.brandonu.ca/organizations/RDI/sshrc_wkbk.html) (direct URL: [www.brandonu.ca/organizations/RDI/PDF/Workbook%201.pdf](http://www.brandonu.ca/organizations/RDI/PDF/Workbook%201.pdf) but warning: a very large, 3.1 mb file). Designed to be a complete manual for CD practitioners (beginning with defining CD itself) wanting to organize a community level assessment of their economic, health and health promotion needs, this 140 page work has the best section on picking indicators I've seen for the Canadian context, not only in terms of thoroughness, explanation and detail, but also for steering users where to actually get the statistics from Statistics Canada or others. Comes with handy worksheets to let users fill in the data, somewhat like tax returns. Last revised June 2003.

## **Bibliographies and Portal Sites**

*An Annotated Bibliography of Evaluation & Indicator Resources*, part of the *Pathways to a Healthy Community: An Indicators and Evaluation Tool Kit User Guide* by the Ontario Healthy Communities Coalition in Toronto, 1999 (see the *Community Indicators Manuals* section for more on this item) [www.healthycommunities.on.ca/resources/pathways/Pathways%202.pdf](http://www.healthycommunities.on.ca/resources/pathways/Pathways%202.pdf)

*An Annotated Bibliography on Indicators for the Determinants of Health*, by Susan Lilley, in sections at [www.hc-sc.gc.ca/hppb/phdd/determinants/index.html](http://www.hc-sc.gc.ca/hppb/phdd/determinants/index.html) or all together at [www.hc-sc.gc.ca/hppb/regions/atlantic/pdf/annotated\\_bibliography\\_e.pdf](http://www.hc-sc.gc.ca/hppb/regions/atlantic/pdf/annotated_bibliography_e.pdf)

See also Health Canada's many other reports on health determinants at [www.hc-sc.gc.ca/hppb/phdd/resources/subject\\_determinants.html](http://www.hc-sc.gc.ca/hppb/phdd/resources/subject_determinants.html)

*Health Status Indicators* [www.umanitoba.ca/centres/mchp/concept/dict/hlth\\_status\\_ind.html](http://www.umanitoba.ca/centres/mchp/concept/dict/hlth_status_ind.html) by the Manitoba Centre for Health Policy (a program of the University of Manitoba in Winnipeg), an encyclopedia-type introductory article with an extensive bibliography.

*Health Statistics Links* [www.umanitoba.ca/libraries/units/health/internet/statistics.shtml](http://www.umanitoba.ca/libraries/units/health/internet/statistics.shtml) compiled by the Neil John Maclean Health Sciences Library at the University of Manitoba, provides current links to major reports by Statistics Canada and others, and also links to lists medical journals (some of them available to the public), databases, and more. Similarly, see the *Guide to Research: Statistics on the Internet* by David Thiessen of the University College of the Fraser Valley Library in BC, at [www.ucfv.bc.ca/library/stats.htm](http://www.ucfv.bc.ca/library/stats.htm) or a four-page primer on how to navigate Statistics Canada's holdings by the McGill University library's government

documents department at [www.library.mcgill.ca/govdocs/LibraryGuides/StatsCanada.pdf](http://www.library.mcgill.ca/govdocs/LibraryGuides/StatsCanada.pdf) or the private sector site, GDSourcing Research & Retrieval [www.gdsourcing.ca/Default.htm](http://www.gdsourcing.ca/Default.htm)

*The Research Database* [www.brandonu.ca/ris/risweb.isa](http://www.brandonu.ca/ris/risweb.isa) compiled by the Rural Health Research Group directed by Robert Annis and coordinated through the Rural Development Institute at Brandon University, Manitoba is an online database of studies focusing on health promotion and the health of rural populations. It will list studies with the key words or phrases you enter, and there is a pop-up abstract available for each of the items that turn up.

The *Southwest Region Health Information Partnership* in London, Ontario has two marvelous sets of links on health indicators, evaluation, and policy issues, both in a single array organized by broad themes which just lists the names of the organizations and their URLs at [www.srhip.on.ca/SRHIP/support/links.htm](http://www.srhip.on.ca/SRHIP/support/links.htm) and with more annotated links on about a dozen more specific areas (e.g., Hospitalizations) at [www.srhip.on.ca/SRHIP/data/internet/index.htm](http://www.srhip.on.ca/SRHIP/data/internet/index.htm)

*Using Research Information for Community Health Planning*, is an annotated list of resources (like this one), prepared by the Health Promotion Clearinghouse in Halifax, Nova Scotia, online at [www.heart-health.ns.ca/hpc/resources/research\\_list.htm](http://www.heart-health.ns.ca/hpc/resources/research_list.htm) (it is also available as a Word document from there).

## **Section 2: Case Studies or Reports on Health Promotion Projects or Measures in Particular Countries, Provinces, or Types of Communities**

### **Case Studies, Research Papers or Policy Briefings on Health Promotion Projects**

*Assessing the Health of Canadian Communities* was an 18-month project examining national and international initiatives concerning indicators that measure the health of communities with an emphasis on Canadian projects, carried out by Jim Frankish, Brenda Kwan, and Julieta Flores of the Institute of Health Promotion Research at the University of British Columbia in Vancouver. There is a one page summary of it in the *IHPR BULLETIN* of October 2002, [www.ihpr.ubc.ca/pdfs/IHPROct02Bulletin.pdf](http://www.ihpr.ubc.ca/pdfs/IHPROct02Bulletin.pdf) and their final report from the project, *Assessing the Health of Communities: Indicator Projects and their Impacts*, from Sept. 2002 can now be downloaded, as well, from: [www.ihpr.ubc.ca/pdfs/frankish-cphifinal\\_v4.pdf](http://www.ihpr.ubc.ca/pdfs/frankish-cphifinal_v4.pdf)

The *Brant County Health Goals Task Force*, a collaboration of the Grand River District Health Council (GRDHC) and the Brant County Health Unit (involving the city of Brantford and the surrounding towns and region in southern Ontario), set out to identify the “community-level health goals for Brant County that hold the most promise for improving health through local action using community resources.” Its 116 page final report from Nov. 2002 which employs quite a number of indicators and sets out a framework which explains how they are related to one another is online at [www.grdhc.on.ca/pdf/files/hgfinalreport.pdf](http://www.grdhc.on.ca/pdf/files/hgfinalreport.pdf)

*Building a Stronger Foundation: A Framework for Planning and Evaluating Community-Based Health Services in Canada*, by Margaret I. Wanke; L. Duncan Saunders; Raymond W. Pong; and



John B. Church, for Health Canada, 1995, available in several reports in both English and French via [www.hc-sc.gc.ca/hppb/healthcare/pubs/foundation/index.html](http://www.hc-sc.gc.ca/hppb/healthcare/pubs/foundation/index.html)

*Constructing Community Profiles for Environmental Health*, Policy Briefing 3, by Jamie Baxter, John Eyles and Susan Elliott of the Environmental Health Program and Institute of Environment and Health, McMaster University, 1997 [www.mcmaster.ca/mieh/resources/policy\\_briefing\\_3.pdf](http://www.mcmaster.ca/mieh/resources/policy_briefing_3.pdf)  
See their other policy briefings such as *Program Evaluation in Environmental Health* at [www.mcmaster.ca/mieh/resources/policy.html](http://www.mcmaster.ca/mieh/resources/policy.html)

*Developing Environmental Public Health Indicators in Canada*, Working Paper No. 24, submitted by Environment Canada, Health Canada, and the Canadian Institute for Health Information to the Joint ECE/Eurostat Work Session on Methodological Issues of Environment Statistics (Ottawa, Canada, 1-4 October 2001), in two parts  
[www.unece.org/stats/documents/2001/10/env/wp.24.e.pdf](http://www.unece.org/stats/documents/2001/10/env/wp.24.e.pdf) and  
[www.unece.org/stats/documents/2001/10/env/wp.24.add.1.e.pdf](http://www.unece.org/stats/documents/2001/10/env/wp.24.add.1.e.pdf)

*Developing National Environmental Health Indicators – Discussion Paper*, by the enHealth Council, Environmental Health Section, Department of Health and Ageing, Government of Australia, Dec. 2002 [http://enhealth.nphg.gov.au/council/indicators/eh\\_indicators.pdf](http://enhealth.nphg.gov.au/council/indicators/eh_indicators.pdf) (warning: this is a 1.6 mb file)

*Development of national public health indicators, Discussion paper*, by the Australian Institute of Health and Welfare, Canberra, for the National Public Health Information Working Group, Nov. 1999 [www.aihw.gov.au/publications/health/dnphi/dnphi.pdf](http://www.aihw.gov.au/publications/health/dnphi/dnphi.pdf)

*Dynamic Model of Health (Draft)*, by the Commonwealth Working Group on Gender Equality and Health Indicators), Nov. 2000, published by Health Canada and available on the Canadian Women's Health Network site at [www.cwhn.ca/resources/health\\_model/index.html](http://www.cwhn.ca/resources/health_model/index.html) Although the actual paper is somewhat short and lacks detail, it has a good bibliography on the social indicators literature available in print.

The *GPI Atlantic* institute in Halifax, Nova Scotia has pursued developing an index of sustainable development and well being – the Genuine Progress Index – apart from traditional economic measures, and has a number of publications applying this system to the determinants of health, available through [www.gpiatlantic.org/pubs.shtml](http://www.gpiatlantic.org/pubs.shtml) (some for a cost-recovery fee) and many free presentations such as *The Current State of Income, Health and Disease Research in Canada* (a presentation to the Social Determinants of Health Conference at York University, 29 Nov-1 Dec. 2002) at [www.gpiatlantic.org/ppt/index.shtml](http://www.gpiatlantic.org/ppt/index.shtml)

*Healthy Populations & Sustainable Economies*, by the South Eastern Ontario District Health Council, Kingston, April 2001, available in several parts at [www.seo-dhc.org/reports.html](http://www.seo-dhc.org/reports.html) along with many other reports on assessing or promoting various aspects of a community's health, such as *Healthy Learning and Learning Health*, from March 1999, and *Quality of Life Indicators and the District Health Council*, by Trevor Hancock in Feb. 2000, and *Sustainable Communities Interim Report Phase 1*, by Jack Lichter, in March 2002. They also feature a *Southeastern Ontario Health Services Profile* with key indicators on their own catchment area.

*Health Status Indicator Reports: "State of the Art"* an article in *Healthy People 2000: Statistics and Surveillance*, no. 8, May 1996, a newsletter by Centers for Disease Control and Prevention National Center for Health Statistics, an issue which also contains some profiles of some local efforts to build capacity in collecting health statistics. Available online at [www.cdc.gov/nchs/data/stsurv/stsurv8.pdf](http://www.cdc.gov/nchs/data/stsurv/stsurv8.pdf)

*Measuring Community Capacity: State of the Field Review and Recommendations for Future Research*, by Neale Smith, Lori Baugh Littlejohns, and Dimple Roy for the David Thompson Health Region of Alberta based in Red Deer, June 2003. A review of the available literature on studies of rural communities' ability to assess their own needs and abilities for health promotion projects, which also involved focus groups with people in the field about the usefulness of using core sets of indicators, among other things. The health board is restructuring and amalgamating with others, but its homepage is [www.dthr.ab.ca/index.htm](http://www.dthr.ab.ca/index.htm) and the report is currently online at [www.dthr.ab.ca/news/MeasuringCommunityCapacity-StateoftheFieldReviewandRecommendationsforFutureResearch.pdf](http://www.dthr.ab.ca/news/MeasuringCommunityCapacity-StateoftheFieldReviewandRecommendationsforFutureResearch.pdf)

*La santé des communautés : perspectives pour la contribution de la santé publique au développement social et au développement des communautés - Revue de littérature; et ... Conceptions, actions, enjeux, défis et préoccupations : points de vue d'acteurs de directions de santé publique*, par Julie Lévesque, Institut national de santé publique du Québec, 2002, and other *Communautés en santé / Développement social* reports are online at [www.inspq.qc.ca/publications/default2.asp?Submit=Oui&E=p&cl=1&Theme=10](http://www.inspq.qc.ca/publications/default2.asp?Submit=Oui&E=p&cl=1&Theme=10) And those on the *Promotion de la santé* theme are at [www.inspq.qc.ca/publications/default2.asp?Submit=Oui&E=p&cl=1&Theme=46](http://www.inspq.qc.ca/publications/default2.asp?Submit=Oui&E=p&cl=1&Theme=46)

Another French-language resource, albeit from Switzerland, is: *Indicateurs De Santé du Service de la santé publique du canton du Valais: Concepts théoriques*, by Laurence Peer, Jean-Christophe Luthi, Nathalie Nanchen, Frédéric Favre, Fred Paccaud, for the Observatoire valaisan de la santé, Jan. 2003, [www.obs-vs-sante.ch/documents/Indicateurs\\_sante.pdf](http://www.obs-vs-sante.ch/documents/Indicateurs_sante.pdf)

The *VOICE in health policy project* [www.projectvoice.ca](http://www.projectvoice.ca) managed by the National Coalition of Voluntary organizations and the Health Charities Council of Canada and funded through the Government of Canada - Voluntary Sector Initiative, is producing some reports of its own on developing the capacity to influence health related public policy in Canada, and it also has a (difficult to find) *Inventory* of tools, materials and resources on that topic: an online database at [www.projectvoice.ca/Inventory.html](http://www.projectvoice.ca/Inventory.html) which can be restricted to English or French language, and type of material (toolbox, manual). Many of the links are already dated however, and most of them only refer internally to the site (to no avail), so some sleuthing is required to backtrack to the original. (E.g., many of them refer to background papers by the Rural Policy Working Group, whose original site is defunct but which now has a site at [www.ruralnovascotia.ca](http://www.ruralnovascotia.ca) with a 'Rural Tackle Box' [mostly referring to sections of the Kansas Community Toolbox] which presumably integrates them, although there is no trace of the actual previous papers.)

*Rural, Remote, and Northern Health Research: The Quest for Equitable Health Status for all Canadians*; A Report of The Rural Health Research Summit, at Prince George, British

Columbia, 23 -25 October 1999, by M. Watanabe with A. Casebeer, Jan. 2000  
[www.atl.ualberta.ca/ruraldevsurvey/content/FinalReport000120.pdf](http://www.atl.ualberta.ca/ruraldevsurvey/content/FinalReport000120.pdf)

*The PATH Project* was a pilot program in the late nineties in three Nova Scotia communities which involved the residents in assessing their own priorities and health determinants to help the regional health boards with their planning processes. It has been discussed in at least two scholarly publications which can be accessed online for free:

- *The 'People Assessing Their Health' (PATH) Project: Tools for Community Health Impact Assessment*, by Doris E. Gillis, of St. Francis Xavier University, in Antigonish, in Canadian Journal of Public Health, 90 (supplement 1), Nov-Dec, 1999, pp. S53-56. This particular issue is online the Institute of Health Promotion Research at UBC's site at [www.ihpr.ubc.ca/pdfs/90sup1.pdf](http://www.ihpr.ubc.ca/pdfs/90sup1.pdf) since it hosted the conference the issue is dedicated to.
- *Promoting Social Responsibility for Health: Health Impact Assessment and Healthy Public Policy at the Community Level*, by Maurice B. Mittelmark, of the Research Centre for Health Promotion, University of Bergen, Norway, a 'Background Technical Report' for the Fifth Global Conference for Health Promotion – Health Promotion: Bridging The Equity Gap – in Mexico, June 2000, hosted by The World Health Organization (WHO), the Pan American Health Organization (PAHO) and the Ministry of Health of Mexico. The paper is online at [www.who.int/hpr/conference/products/Techreports/responsibility.pdf](http://www.who.int/hpr/conference/products/Techreports/responsibility.pdf) (and the proceedings and others from this conference, at [www.who.int/hpr/conference](http://www.who.int/hpr/conference)). (An almost identical version of this paper of the same title is also published in *Health Promotion International* 16(3):269-72, 2001, but that is only available online on a subscription basis).

The *S.E.A.R.C.H.* process – Swift Efficient Application of Research in Community Health – is a training program initiated by Alberta Health and funded by the Alberta Heritage Foundation For Medical Research (AHFMR) which trains health officials and practitioners how to do community health assessments and evaluate programs. The report on the *S.E.A.R.C.H. Conference and Symposium Proceedings, Banff, June 2000*, contains a number of abstracts and PowerPoint presentations involving the selection and use of indicators, such as *Using Health Indicator Model to Support Decision Making Within Crossroads Health Region*, by Sandra Doze; and *Using Key Indicators of Health Status to Manage Health Improvement*, by Kelly Deis, Sandra Doze, and Ann Casebeer. There is also a description of the program, and an invitation to enroll in the program, all at [www.ahfmr.ca/search.shtml](http://www.ahfmr.ca/search.shtml)

### **Government Sources of Information on the Population's Health Status**

The *Canadian Institute for Health Information* (CIHI), <http://secure.cihi.ca/cihiweb/splash.html> a quasi-governmental nonprofit organization based in Ottawa which maintains exhaustive statistics on the state of Canada's health care system in cooperation with Statistics Canada and Health Canada, has a number of health indicators projects in progress. Besides its 1999 *Statistical Report on the Health of Canadians* (which can be download in parts at [http://secure.cihi.ca/cihiweb/disPage.jsp?cw\\_page=reports\\_statistical\\_e](http://secure.cihi.ca/cihiweb/disPage.jsp?cw_page=reports_statistical_e) or all at once at [www.hc-sc.gc.ca/hppb/phdd/pdf/report/stats/all\\_english.pdf](http://www.hc-sc.gc.ca/hppb/phdd/pdf/report/stats/all_english.pdf)); and its annual *Health Indicators* reports from 2000 onwards which track such matters as life expectancy in each major health district of Canada (the latest of which, the 2003 version, is online in sections at

<http://secure.cihi.ca/indicators/en/hlthind.shtml>); and the *Health Care in Canada* reports, which track overall health expenditures, the numbers of physicians and waiting lists and so on; and the *Comparable Health Indicators – Canada, Provinces and Territories*, which tracks 14 areas related to health status, outcomes, and quality of service (and which is freely available through Statistics Canada at [www.statcan.ca/english/freepub/82-401-XIE/free.htm](http://www.statcan.ca/english/freepub/82-401-XIE/free.htm)); they also have a Health Indicators Development program, which has produced a number of background and final reports, not only on overall national health indicators (such as the *National Consensus Conference on Population Health Indicators*), but also on four sub-sectors: Continuing Care; prescription Drug Utilization; Home Care; Mental Health and Addiction Services; and Rehabilitation Services. See [http://secure.cihi.ca/cihiweb/dispPage.jsp?cw\\_page=indicators\\_e](http://secure.cihi.ca/cihiweb/dispPage.jsp?cw_page=indicators_e) to access them, along with links to the preceding. Many of the CIHI's more specialized reports (such as *Moving toward the reporting of hospital financial performance indicators, 1999-2000 and 2000-2001*) are now sold on a cost-recovery basis, but many of their reports are still available for free, if you register on the site. All this is also available in French.

*Community Level Indicators of Health Related Behavior*, by the New York State Department of Health, 1996, [www.health.state.ny.us/nysdoh/heart/levelind.htm](http://www.health.state.ny.us/nysdoh/heart/levelind.htm) is one model of these types of projects, and see the *Communities Working Together for a Healthier New York: Opportunities to Improve the Health of New Yorkers* report, by the New York State Public Health Council, Sept. 1996 [www.health.state.ny.us/nysdoh/phforum/hlthcomm.pdf](http://www.health.state.ny.us/nysdoh/phforum/hlthcomm.pdf) Subsequent Social Indicators Surveys (SIS) for New York are available through the Columbia University Social Indicators Surveys Center at [www.siscenter.org](http://www.siscenter.org) (specifically: [www.siscenter.org/publications\\_3\\_20\\_01.html](http://www.siscenter.org/publications_3_20_01.html))

*Core Indicators for Public Health in Ontario* [www.cehip.org/apheo/indicators](http://www.cehip.org/apheo/indicators) compiled by the Association of Public Health Epidemiologists in Ontario (APHEO) includes a long list of indicators with pop-up definitions and data sources for most of them and a searchable database.

*Healthy Canadians: A Federal Report on Comparable Health Indicators 2002*, by Health Canada and the Minister of Health. It is available either in as a single large pdf file at [www.hc-sc.gc.ca/iacb-dgiac/arad-draa/english/accountability/HealthyCan\\_eng.pdf](http://www.hc-sc.gc.ca/iacb-dgiac/arad-draa/english/accountability/HealthyCan_eng.pdf) or in three parts at [www.hc-sc.gc.ca/iacb-dgiac/arad-draa/english/accountability/indicators.html](http://www.hc-sc.gc.ca/iacb-dgiac/arad-draa/english/accountability/indicators.html) for the main report, and *Annex 1 - List of 67 Indicators* at [www.hc-sc.gc.ca/iacb-dgiac/arad-draa/english/accountability/annex1.html](http://www.hc-sc.gc.ca/iacb-dgiac/arad-draa/english/accountability/annex1.html) and *Annex 2 - Data Tables* at [www.hc-sc.gc.ca/iacb-dgiac/arad-draa/english/accountability/annex2.html](http://www.hc-sc.gc.ca/iacb-dgiac/arad-draa/english/accountability/annex2.html) Also available in French via [www.hc-sc.gc.ca/iacb-dgiac/arad-draa/francais/fpublications/publicindex.html](http://www.hc-sc.gc.ca/iacb-dgiac/arad-draa/francais/fpublications/publicindex.html))

The reports for each individual province from their own Ministers of Health are conveniently grouped together on Nova Scotia's site at [www.gov.ns.ca/health/pirc/default.htm](http://www.gov.ns.ca/health/pirc/default.htm)

*Healthy Communities Report: The Health of the Region of Waterloo*, by Bethany Mazereeuw, Region of Waterloo Public Health, Health Determinants, Planning and Evaluation Division, June 2003. Downloadable from [www.region.waterloo.on.ca/web/health.nsf/0/B8980155CB5DC83C85256B140059160D/\\$file/HC%20Report.pdf?openelement](http://www.region.waterloo.on.ca/web/health.nsf/0/B8980155CB5DC83C85256B140059160D/$file/HC%20Report.pdf?openelement) There are other Waterloo region public health reports at [www.region.waterloo.on.ca/web/health.nsf/c56e308f49bfeb7885256abc0071ec9a/b8980155cb5dc83c85256b140059160d!OpenDocument](http://www.region.waterloo.on.ca/web/health.nsf/c56e308f49bfeb7885256abc0071ec9a/b8980155cb5dc83c85256b140059160d!OpenDocument)

*Healthy People 2010* [www.healthypeople.gov/default.htm](http://www.healthypeople.gov/default.htm) a program by the Office of Disease Prevention and Health Promotion and U.S. Department of Health and Human Services, has arrived at ten *Leading Health Indicators* (namely, Physical Activity; Overweight and Obesity; Tobacco Use; Substance Abuse; Responsible Sexual Behavior; Mental Health; Injury and Violence; Environmental Quality; Immunization; Access to Health Care) and has quite a number of reports available on their development and their application for health promotion projects.

*How Healthy are We? British Columbia's Report on Nationally Comparable Performance Indicators*, by the British Columbia Ministry of Health Planning, in Victoria, BC Sept. 2002 [www.healthplanning.gov.bc.ca/cpa/publications/how\\_healthy\\_sept2002.pdf](http://www.healthplanning.gov.bc.ca/cpa/publications/how_healthy_sept2002.pdf) See also the various *Annual Reports* by this new Ministry and the Ministry of Health and Ministry Responsible for Seniors, which indicate their progress toward various Health Goals from year to year at [www.healthservices.gov.bc.ca/cpa/publications/annual/index.html](http://www.healthservices.gov.bc.ca/cpa/publications/annual/index.html)

*How healthy are Canadians? Annual report 2002*, by Statistics Canada features a series of reports at [www.statcan.ca/english/freepub/82-003-SIE/free.htm](http://www.statcan.ca/english/freepub/82-003-SIE/free.htm) along with links to some of its related products. See also its Guide to Health Statistics at Statistics Canada, at [www.statcan.ca/english/freepub/82-573-GIE/guide.htm](http://www.statcan.ca/english/freepub/82-573-GIE/guide.htm) Also available in French, at [www.statcan.ca/francais/freepub/82-003-SIF/free\\_f.htm](http://www.statcan.ca/francais/freepub/82-003-SIF/free_f.htm) and [www.statcan.ca/francais/freepub/82-573-GIF/guide\\_f.htm](http://www.statcan.ca/francais/freepub/82-573-GIF/guide_f.htm) respectively.

*Manitoba Health Provincial Health Indicators*, prepared by the Manitoba Health, Health Indicator Working Group August 6, 1999 [www.gov.mb.ca/health/documents/ind-all.pdf](http://www.gov.mb.ca/health/documents/ind-all.pdf) Their Health Indicator Report - 2000: [www.wrha.mb.ca/healthin/cha/May142002HealthIndicatorReport.pdf](http://www.wrha.mb.ca/healthin/cha/May142002HealthIndicatorReport.pdf)

Similarly, the *Saskatchewan Comparable Health Indicator Report* is available in several sections at [www.health.gov.sk.ca/info\\_center\\_comparable\\_health\\_indicators\\_report.html](http://www.health.gov.sk.ca/info_center_comparable_health_indicators_report.html)

The *National Center for Health Statistics* [www.cdc.gov/nchs](http://www.cdc.gov/nchs) a program of the Center for Disease Control in the U.S., is a portal site with statistics on a whole range of health topics.

*NHS Performance Indicators: February 2002*, by the National Health Services of the U.K. Department of Health [www.doh.gov.uk/nhsperformanceindicators/2002/index.html](http://www.doh.gov.uk/nhsperformanceindicators/2002/index.html) has tables and downloadable files on a whole range of British health indicators. The previous version, *Quality and Performance in the NHS Performance Indicators: July 2000*, is at [www.doh.gov.uk/nhsperformanceindicators/2002/index.html](http://www.doh.gov.uk/nhsperformanceindicators/2002/index.html) And *Results of the various Health Surveys for England* are at [www.doh.gov.uk/public/summary1.htm](http://www.doh.gov.uk/public/summary1.htm)

The *Pan American Health Organization* [www.paho.org/default.htm](http://www.paho.org/default.htm) based in Washington, DC, has a number of reports and databases. The site includes Country Profiles, with data on a series of health related indicators for dozens of countries based on their Regional Core Health Data System, at [www.paho.org/Project.asp?SEL=PR&LNG=ENG&CD=conprofls](http://www.paho.org/Project.asp?SEL=PR&LNG=ENG&CD=conprofls) Canada's is at [www.paho.org/English/DD/AIS/cp\\_124.htm](http://www.paho.org/English/DD/AIS/cp_124.htm) It also has flagship publications such as *Health Statistics from the Americas* (2003 Edition) [www.paho.org/English/AM/PUB/SP\\_591.htm](http://www.paho.org/English/AM/PUB/SP_591.htm) and *Health in the Americas, 2002 Edition* [www.paho.org/English/DBI/MDS/HIA\\_2002.htm](http://www.paho.org/English/DBI/MDS/HIA_2002.htm) which are available in electronic format on a subscription basis.

*A Population Health Framework for Monitoring Health System Performance*, by the Central West Health Planning Information Network, Hamilton, ON, Oct. 1999  
[www.hdhc.ca/pub/Monitoring%20Framework.PDF](http://www.hdhc.ca/pub/Monitoring%20Framework.PDF)

The *Regional Niagara Community Health Profile*, by the Regional Municipality of Niagara, Ontario, 1998, online in many sections from [www.regional.niagara.on.ca/health/repo/chp](http://www.regional.niagara.on.ca/health/repo/chp)  
Note, for data on corresponding region on the U.S. side of the border, see *State of the Region Report: Performance Indicators for the Buffalo-Niagara Region* by the Institute for Local Governance and Regional Growth of the SUNY University at Buffalo, with the Baseline and Progress Reports at [www.regional-institute.buffalo.edu/sotr/repo/default.html](http://www.regional-institute.buffalo.edu/sotr/repo/default.html) and the individual indicators set out at [www.regional-institute.buffalo.edu/sotr/repo/indi.html](http://www.regional-institute.buffalo.edu/sotr/repo/indi.html)

*Report on the Health Status of the Residents of Ontario*, by PHRED, the Public Health Research, Education and Development Program, of the Ontario Public Health Association, Feb. 2000, available in sections or all at once, in English or French, at [www.opha.on.ca/resources/e-h.html](http://www.opha.on.ca/resources/e-h.html)

The city of *Red Deer* and its region are engaged in a health promotion and planning project involving the development of community-level indicators, being carried out by the David Thompson Health Region health board. There is a brief early article about it, *From Plan to Reality: Planners as Champions of Revitalization and Implementation*, by Nancy C. Hackett and Neale Smith, in *Plan Canada*, vol. 41, no. 3, Summer 2001, 21-22, online at [www.cip-icu.ca/English/pcanonline/PC41/PC4139.pdf](http://www.cip-icu.ca/English/pcanonline/PC41/PC4139.pdf) and it is discussed in their Annual Report [www.dthr.ab.ca/news/ar2001.pdf](http://www.dthr.ab.ca/news/ar2001.pdf) To date, it has published a literature review and consultation with practitioners, *Measuring Community Capacity: State of the Field Review and Recommendations for Future Research*, which was released June, 2003, and is online at [www.dthr.ab.ca/news/MeasuringCommunityCapacity-StateoftheFieldReviewandRecommendationsforFutureResearch.pdf](http://www.dthr.ab.ca/news/MeasuringCommunityCapacity-StateoftheFieldReviewandRecommendationsforFutureResearch.pdf) This health board is restructuring and amalgamating with others, but its homepage is [www.dthr.ab.ca/index.htm](http://www.dthr.ab.ca/index.htm)

## **Reports or Sources of Information for Particular Types of Health or Demographic Issues**

### **Aboriginal Issues**

*The Aboriginal Peoples Survey* by Statistics Canada provides information on the health, education, housing and language status of both on- and off-reserve Aboriginal people in Canada. For the latter, see the article, "Aboriginal Peoples Survey: Well-being of the non-reserve Aboriginal population, 2001," in *The Daily*, Wednesday, September 24, 2003, online at [www.statcan.ca/Daily/English/030924/d030924b.htm](http://www.statcan.ca/Daily/English/030924/d030924b.htm) which has links to a 35-page report, *Aboriginal Peoples Survey 2001 Initial findings: Well-being of the non-reserve Aboriginal population*, by Vivian O'Donnell and Heather Tait, and to the *Aboriginal Peoples Survey 2001: Initial release - supporting tables*. See also *The Health of the Off-reserve Aboriginal Population*, by Michael Tjepkema in a Supplement to Statistics Canada's Health Reports, volume 13, 2002, pp. 1-17, which is based on the Canadian Community Health Survey, which is online along with

other reports on specific populations at [www.statcan.ca/english/freepub/82-003-SIE/free.htm](http://www.statcan.ca/english/freepub/82-003-SIE/free.htm)  
For the on-reserve population, see the *Aboriginal Peoples Survey 2001: Community profiles* online at <http://www12.statcan.ca/english/profil01aps/home.cfm> which also enables comparisons to the data from the 1996 Community Profiles and the 2001 Aboriginal Population Profile from the last two census surveys. Also available in French, via [www.statcan.ca/Daily/Francais/030924/q030924b.htm](http://www.statcan.ca/Daily/Francais/030924/q030924b.htm)

*Aboriginal Women's Health Research Synthesis Project – Final Report*, by Madeline Dion Stout, Gregory D. Kipling and Roberta Stout, for the Centres of Excellence for Women's Health Research Synthesis Group, May 2001 summarized at [www.cwhn.ca/network-reseau/5-1/5-1pg6.html](http://www.cwhn.ca/network-reseau/5-1/5-1pg6.html) with the full report at [www.cwhn.ca/resources/synthesis/index.html](http://www.cwhn.ca/resources/synthesis/index.html) (specifically: [www.cwhn.ca/resources/synthesis/synthesis-en.pdf](http://www.cwhn.ca/resources/synthesis/synthesis-en.pdf))

*First Nations and Inuit Regional Health Survey, National Report 1999*, published by the First Nations and Inuit Regional Health Survey National Steering Committee, and available through Health Canada either in chapters or in its entirety, at [www.hc-sc.gc.ca/fnihb-dgspni/fnihb/aboriginalhealth/reports\\_summaries/regional\\_survey.htm](http://www.hc-sc.gc.ca/fnihb-dgspni/fnihb/aboriginalhealth/reports_summaries/regional_survey.htm) in English or at [www.hc-sc.gc.ca/fnihb-dgspni/fnihb/aboriginalhealth/reports\\_summaries/regional\\_survey.htm](http://www.hc-sc.gc.ca/fnihb-dgspni/fnihb/aboriginalhealth/reports_summaries/regional_survey.htm) in French.

*Indicators and Correlates of Social Exclusion among Manitoba's Aboriginal Working Age Population*, by Harvey Stevens, a presentation to the What Do We Know and Where Do We Go, Building a Social Inclusion Research Agenda, 2003 Social Inclusion Research Conference hosted by the Canadian Council on Social Development, March 27-28, 2003 available online at [www.ccsd.ca/events/inclusion/papers](http://www.ccsd.ca/events/inclusion/papers) along with many of the other papers from that session.

*Performance Measurement, Development Indicators, & Aboriginal Economic Development*, by Mike Lewis and R.A. Lockhart for the Centre for Community Enterprise, April, 2002, available in several parts at [www.cedworks.com/cgi-bin/loadpage.cgi?571+OBMmain.html#contents](http://www.cedworks.com/cgi-bin/loadpage.cgi?571+OBMmain.html#contents)

*Profile of Aboriginal Women in Saskatchewan*, by the Status of Women Office of the Government of Saskatchewan, 1999, [www.swo.gov.sk.ca/D057-ABW.pdf](http://www.swo.gov.sk.ca/D057-ABW.pdf) (a 2.1 mb file) That office (which has since been disbanded to be integrated into the Department of Labour) also produced a *Gender-inclusive Analysis* manual which is out of print, but perhaps arrangements can be made through the contacts at [www.swo.gov.sk.ca/pub.html](http://www.swo.gov.sk.ca/pub.html)

## **Aging or Seniors Issues**

The 2002 *General Social Survey (GSS) on aging and social support*, a large national survey by Statistics Canada, has produced several articles and data tables on how many Canadian seniors need some degree of caregiving by relatives or others, and what some of the effects on those caregivers are. They include *Caring for an aging society*, by Kelly Cranswick, of their Housing, Family and Social Statistics Division, [www.statcan.ca/english/freepub/89-582-XIE/free.htm](http://www.statcan.ca/english/freepub/89-582-XIE/free.htm) and the 2002 *General Social Survey, Cycle 16: Aging and Social Support: Tables* online at [www.statcan.ca/english/freepub/89-583-XIE/index.htm](http://www.statcan.ca/english/freepub/89-583-XIE/index.htm) and *Dependent seniors at home - Formal and informal help*, by Francine Pilon, Yves Carrière, Laurent Martel, and Alain Bélanger, an article in their (not free) journal *Health reports*, vol.14 no.4, 2002.

Statistics Canada also offers Census data on this, in the free table: *Hours Spent Providing Unpaid Care or Assistance to Seniors (7), Age Groups (7) and Sex (3) for Population 15 Years and Over, for Canada, Provinces, Territories, Census Metropolitan Areas and Census Agglomerations, 1996 and 2001 Censuses - 20% Sample Data*, online at <http://www12.statcan.ca/english/census01/products/standard/themes/RetrieveProductTable.cfm?Temporal=2001&PID=56043&APATH=3&GID=431515&METH=1&PTYPE=55440&THEME=47&FOCUS=0&AID=0&PLACENAME=0&PROVINCE=0&SEARCH=0&GC=0&GK=0&VID=0&FL=0&RL=0&FREE=0>

The *2002 Seniors Survey – Prevalence of Substance Use and Gambling Among New Brunswick Adults Aged 55+*, by T. Schellinck, T. Schrans, G. Walsh, J. Grace of Focal Research for the New Brunswick Department of Health and Wellness, 2002; available in both English at [www.gnb.ca/0378/pdf/SeniorsFinalReport2002ENG.pdf](http://www.gnb.ca/0378/pdf/SeniorsFinalReport2002ENG.pdf) and in French at [www.gnb.ca/0378/pdf/SeniorsFinalReport2002FR.pdf](http://www.gnb.ca/0378/pdf/SeniorsFinalReport2002FR.pdf)

Note, the Addictions Foundation of Manitoba also has studies on this, concerning the prevalence of gambling, alcohol and substance abuse, and the health status of both seniors and youth, available at [www.afm.mb.ca/mainhome\\_22.asp?contentID=64](http://www.afm.mb.ca/mainhome_22.asp?contentID=64)

*The Health of Older People (Aged 65+)*, a component of the *Health Survey For England*. There are two brief summaries of the results and a link to an Excel file with 21 tables of more detailed results at [www.doh.gov.uk/public/healtholderpeople2000.htm](http://www.doh.gov.uk/public/healtholderpeople2000.htm) as well as ordering information for the hardcopy version.

*Older Americans 2000: Key Indicators of Well-Being*, by the U.S. Government's Federal Interagency Forum on Aging-Related Statistics, [www.agingstats.gov/chartbook2000/default.htm](http://www.agingstats.gov/chartbook2000/default.htm)

*Seniors in Canada: A Report Card*, by the National Advisory Council on Aging (NACA), for the Division of Aging and Seniors of Health Canada, Ottawa, 2001. Online at in both html and pdf format at [www.hc-sc.gc.ca/seniors-aines/pubs/report\\_card/intro\\_e.htm](http://www.hc-sc.gc.ca/seniors-aines/pubs/report_card/intro_e.htm) (in English). Also available in French, at [www.hc-sc.gc.ca/seniors-aines/pubs/report\\_card/intro\\_f.htm](http://www.hc-sc.gc.ca/seniors-aines/pubs/report_card/intro_f.htm)

*The Well-being of Canada's Seniors in 2000: A Fact Book and Preliminary Analysis*, Religious Commitment Monograph #7, [www.ccri.ca/rcm07.pdf](http://www.ccri.ca/rcm07.pdf) by Frank Jones, Adjunct Professor of Economics, University of Ottawa, and Director of Research, Christian Commitment Research Institute, Ottawa, July, 2003. A 230 page report (the vast majority of it consisting of tables) based on the National Survey of Giving, Volunteering and Participating, 2000, which "combines indicators of well-being in the three major domains of life – personal well-being, community or altruistic well-being, and religious or spiritual well-being – in order to produce an overall measure of well-being," which are relativized to his proposed norms for church-going, donating, and volunteering.

## **Child or Youth Development or Health Issues**

*America's Children - Key National Indicators of Well-Being*, by the Federal Interagency Forum on Child and Family Statistics, Washington, DC (a collaboration of 20 federal agencies), has annual reports from 1997 through 2002 covering health, education, living conditions, and more



available at [www.childstats.gov/americaschildren](http://www.childstats.gov/americaschildren) and the site also contains some international comparisons, and has links to other resources.

See also the annual *Trends in the Well-Being of America's Children and Youth* reports by the Office of the Assistant Secretary for Planning and Evaluation and the U.S. Department of Health and Human Services, with the 1996-2002 reports online at <http://aspe.hhs.gov/hsp/hspinddb.htm>

The *Centre of Excellence for Child and Youth Centred Prairie Communities* (homepage: [www.communityresearch.ca](http://www.communityresearch.ca)) involves six cities – Brandon; Calgary; Edmonton; Regina; Saskatoon; Winnipeg – engaged in baseline reports and ongoing projects to assess and improve child and youth welfare and development. Some of their initial publications from Phase One which involve a Community-Based Literature Review, a Periodical Content Analysis, and Key Informant Interviews enumerating the health and welfare of local youth using a series of measures are available together at [www.communityresearch.ca/v2/www/publications.asp](http://www.communityresearch.ca/v2/www/publications.asp) or via the links to each city at the top of the site. But Winnipeg has its publications such as *Report of Phase One Research and Voices from the Community: Final Report from the Winnipeg Site* (by Tracy Flaherty-Willmott) on a separate site, <http://io.uwinnipeg.ca/~ius/coe/research.html> The report from Edmonton is also available separately, from its author's site: *The Centre of Excellence for Child and Youth Centred Prairie Communities, Edmonton-Site, Stage One Research Report*, by Philip O'Hara and Sarah Dawrant of the Edmonton Social Planning Council, Nov. 2002, is at [www.edmspc.com/documents/COE%20first%20stage.pdf](http://www.edmspc.com/documents/COE%20first%20stage.pdf)

*Child Poverty in English-Speaking Countries*, by John Micklewright, Professor of Social Statistics and Policy Analysis, University of Southampton, a 21-page paper presented to the conference, *Les Enfants Pauvres en France*, 21 mars 2003, hosted by CERC (Conseil de l'Emploi, des Revenus et de la Cohésion sociale) and others. Available in both English and French along with many other papers and discussion on child poverty in France and Europe (all in French), at [www.cerc.gouv.fr/meetings/colloquemars2003/programme.html](http://www.cerc.gouv.fr/meetings/colloquemars2003/programme.html)

The *Children 1995-2001 - trend data* from the Health Survey(s) for England by the United Kingdom's Department of Health are available as downloadable Excel files from [www.doh.gov.uk/stats/trends1.htm#child](http://www.doh.gov.uk/stats/trends1.htm#child)

*Children, Adolescents And Youth, Outcomes and Indicators – Discussion Paper* (Draft #3, n.d.) [www.communityaccounts.ca/communityaccounts/referencedocuments/ChildrenIndicators.htm](http://www.communityaccounts.ca/communityaccounts/referencedocuments/ChildrenIndicators.htm) is one of the Reference Documents of the *Community Accounts* developed by the Newfoundland & Labrador Statistics Agency, Economic Research and Analysis division, as part of the Strategic Social Plan Newfoundland and Labrador.

The *Child Trends DataBank* [www.childtrendsdatbank.org](http://www.childtrendsdatbank.org) a “one-stop-shop for the latest national trends and research on over 80 key indicators of child and youth well-being,” by Child Trends, Inc. [www.childtrends.org](http://www.childtrends.org) a nonprofit research organization in Washington, DC, which also has a number of reports online, such as *The Uses (and Misuses) of Social Indicators: Implications for Public Policy*, [www.childtrends.org/PDF/SocialIndicatorsRB.pdf](http://www.childtrends.org/PDF/SocialIndicatorsRB.pdf) and their newsletter, *The Child Indicator: The Child, Youth, and Family Indicators Newsletter*, which summarizes developments in related projects

The *Community Indicators project*, [www.campaign2000.ca/ci/index.html](http://www.campaign2000.ca/ci/index.html) a program of the Campaign 2000 anti-poverty project, involves a social and economic assessment of the state of community based early childhood education and care services in Newfoundland, Ontario, Saskatchewan and British Columbia. The extremely compact pdf versions of its first report are available at [www.campaign2000.ca/ci/rep.html](http://www.campaign2000.ca/ci/rep.html) with an easier on the eyes html version at [www.campaign2000.ca/ci/rep10\\_02/intro.html](http://www.campaign2000.ca/ci/rep10_02/intro.html)

*Data Sources Related to Child Health and Well-being in Southwestern Ontario*, by Beth Potter and Iris Gutmanis, Middlesex-London Health Unit and the Southwest Region Health Information Partnership, London, ON, Nov. 2000 [www.srhip.on.ca/SRHIP/products/ChildHealthData.pdf](http://www.srhip.on.ca/SRHIP/products/ChildHealthData.pdf)  
See also their *A health profile of adolescents in Southwestern Ontario*, by Iris Gutmanis, M.B. Davies, & M.A. Simpson, 2000, for the data [www.srhip.on.ca/SRHIP/products/adolescent.pdf](http://www.srhip.on.ca/SRHIP/products/adolescent.pdf)

*Do Public Expenditures Improve Child Outcomes in the U.S.? A Comparison Across Fifty States*, Working Paper No. 53, by Kristen Harknett, Irwin Garfinkel, Jay Bainbridge, Timothy Smeeding, Nancy Folbre, and Sara McLanahan, Center for Policy Research, Maxwell School of Citizenship and Public Affairs, Syracuse University, Syracuse, New York, March 2003. Correlates government health, education, social services, and tax-relief expenditures with a series of indicators such as child mortality, elementary-school test scores, and adolescent behavioral outcomes in each state (and finds there is a positive relationship, with more expenditures apparently producing better outcomes). Available either for \$5 in hardcopy or as a free download from <http://www-cpr.maxwell.syr.edu/cprwps/wps53abs.htm>

*Excavating Indicators: Community Level Data Sources on Children and Youth in Canada*, a paper by Daryl Bainbridge of the Department of Psychiatry at McMaster University in Hamilton, available in html <http://www3.sympatico.ca/wonderdog/indicate.htm> or as a MS Word document <http://www3.sympatico.ca/wonderdog/bainbrdg.doc>

*For our Children, A Strategic for Healthy Child Development*, by the Healthy Child Development Advisory Committee, Prince Edward Island, Oct. 2000. The 65-page *Summary Report* of the initiative is at [www.gov.pe.ca/photos/original/healthy\\_child.pdf](http://www.gov.pe.ca/photos/original/healthy_child.pdf) and the full report, annual progress reports and Statistical Profile of Island Children report are at [www.gov.pe.ca/hcd/index.php3](http://www.gov.pe.ca/hcd/index.php3) with more on this program at [www.gov.pe.ca/hss/hcd/index.php3](http://www.gov.pe.ca/hss/hcd/index.php3)

*A Health Profile of Adolescents in Southwestern Ontario*, by Iris Gutmanis, Mary Beth Davies, and Mary Anne Simpson, for the Southwest Region Health Information Partnership, London, ON, Sept. 2000 [www.srhip.on.ca/SRHIP/products/adolescent.pdf](http://www.srhip.on.ca/SRHIP/products/adolescent.pdf) is a 100 page report chock full of data from Statistics Canada, Health Canada, the Canadian Institute for Health Information, and others on a wide range of socio-economic, education, and health information about youth living in the vicinity of London, Ontario.

*Indicators of Child Development and Religious Commitment in Canada: A Fact Book*, and *The Well-being of Canada's Young Adults in 2000: A Fact Book and Preliminary Analysis* and many other reports on religious and social commitment indicators by Frank Jones, of the Christian Commitment Research Institute in Ottawa (and formerly with Statistics Canada), which draw

mainly on Statistics Canada's Longitudinal Survey of Children and Youth and the National Survey of Giving, Participating, and Volunteering, online at [www.ccri.ca/rcmindex.html](http://www.ccri.ca/rcmindex.html)

*Indicators of Child Well-Being*, an introductory article with American sources by the Welfare Information Network in Washington, DC (n.d.)  
[www.financeprojectinfo.org/Publications/indicatorsofchildwellbeingresource.htm](http://www.financeprojectinfo.org/Publications/indicatorsofchildwellbeingresource.htm)

The *Inventory of International Surveys on Children and Youth*, by Tomasz Gluszynski, report SP-529-11-02E for the Applied Research Branch, Human Resources Development Canada, Dec. 2002, is an annotated list of surveys involving children and youth, which might serve as benchmarks for local projects. It's available in English and French via [www.hrdc-drhc.gc.ca/sp-ps/arb-dgra/publications/research/2002docs/SP-529-11-02/e/SP-529-11-02\\_E\\_toc.shtml](http://www.hrdc-drhc.gc.ca/sp-ps/arb-dgra/publications/research/2002docs/SP-529-11-02/e/SP-529-11-02_E_toc.shtml)

The *Investing in Children and Families* series by the Applied Research Branch of Human Resources Development Canada is available both in English at [www.hrdc-drhc.gc.ca/sp-ps/arb-dgra/publications/research/investing.shtml](http://www.hrdc-drhc.gc.ca/sp-ps/arb-dgra/publications/research/investing.shtml) and in French at [www.hrdc-drhc.gc.ca/sp-ps/arb-dgra/publications/research/investir.shtml](http://www.hrdc-drhc.gc.ca/sp-ps/arb-dgra/publications/research/investir.shtml). It encompasses a number of reports which draw on economic and social indicators and several major surveys to track the risk factors and progress of children, including the *Understanding the Early Years: Helping Our Children Succeed* subset, which conducted community mapping and Early Childhood Development studies in a number of regions of Canada. It's introduced at [www.hrdc-drhc.gc.ca/sp-ps/arb-dgra/nlscy-elnej/uey-cpe/uey.shtml](http://www.hrdc-drhc.gc.ca/sp-ps/arb-dgra/nlscy-elnej/uey-cpe/uey.shtml) and the reports from it are at [www.hrdc-drhc.gc.ca/sp-ps/arb-dgra/nlscy-elnej/uey-cpe/pub\\_e.shtml](http://www.hrdc-drhc.gc.ca/sp-ps/arb-dgra/nlscy-elnej/uey-cpe/pub_e.shtml)

The "Keeping Score" on Kids in Hamilton Reporting Project by the Canadian Centre for Studies of Children at Risk in Hamilton, Ontario, has descriptions of the background and supporting documents for the project on the site and its actual Reports are online at [www.fhs.mcmaster.ca/cscr/keepscore/reports.html](http://www.fhs.mcmaster.ca/cscr/keepscore/reports.html)

*KIDS COUNT* [www.aecf.org/kidscount](http://www.aecf.org/kidscount) is a longstanding project of the Annie E. Casey Foundation in Baltimore, MD: a national and state-by-state effort to track the status of children in the U.S. with benchmarks on their health and welfare, which features many online reports and databases. E.g., their *State Profiles of Child Well-Being: Results from the 2000 Census*, co-authored with The Population Reference Bureau, April 2003, will download by pasting [www.prb.org/Template.cfm?Section=PRB&template=/ContentManagement/ContentDisplay.cfm&ContentID=8459](http://www.prb.org/Template.cfm?Section=PRB&template=/ContentManagement/ContentDisplay.cfm&ContentID=8459) into an Adobe-equipped browser. A regional version of this project is the Children First for Oregon, in Portland, OR [www.cffo.org](http://www.cffo.org) and the Daniel J. Evans School of Public Affairs at the University of Washington also features regional KIDS COUNT and other child welfare policy related materials at [www.hspsc.org/publications/index.html](http://www.hspsc.org/publications/index.html)

*Maine Marks, for Children, Families & Communities*, [www.mainemarks.org/intro.htm](http://www.mainemarks.org/intro.htm) a project of the Children's Cabinet of Maine, hosted by the Edmund S. Muskie School of Public Service at the University of Southern Maine in Portland, Maine. Its list of 80 indicators and an explanation of the rationale for each are at [www.mainemarks.org/indicators/indi\\_main.htm](http://www.mainemarks.org/indicators/indi_main.htm)

*Measuring Up: A Health Surveillance Update on Canadian Children and Youth*, by the Population and Public Health Branch, Health Canada, 1999, available both in English at [www.hc-sc.gc.ca/pphb-dgspsp/publicat/meas-haut/index.html](http://www.hc-sc.gc.ca/pphb-dgspsp/publicat/meas-haut/index.html) and in French at [www.hc-sc.gc.ca/pphb-dgspsp/publicat/meas-haut/index\\_f.html](http://www.hc-sc.gc.ca/pphb-dgspsp/publicat/meas-haut/index_f.html)

*Pertinent Community-Level Indicators/Measures*, includes Children Ready for School, Children Succeeding in School, Healthy Child Development, Healthy Youth Development, and Prenatal and Infant Health, by CHIPTS, a project of UCLA and others (<http://chipts.ucla.edu/index.html>) at <http://chipts.ucla.edu/assessment/indicators.html>

*The Progress of Canada's Children* is an annual report by and available for purchase from the Canadian Council on Social Development (CCSD) in Ottawa which tracks such matters as their school performance, community supports (access to recreational services, e.g.), housing conditions, family dysfunction, and family income. They generally have a free background and highlight report each year; the 2002 version is at: [www.ccsd.ca/pubs/2002/pcc02/index.htm](http://www.ccsd.ca/pubs/2002/pcc02/index.htm)

*The State of the World's Children 2000* [www.unicef.org/sowc00](http://www.unicef.org/sowc00) by UNICEF (the United Nations program) contains “Economic and social statistics on the nations of the world, with particular reference to children's well-being,” particularly in the Statistical Tables section [www.unicef.org/sowc00/stat\\_tab.htm](http://www.unicef.org/sowc00/stat_tab.htm)

*Ten Hypotheses about Socioeconomic Gradients and Community Differences in Children's Developmental Outcomes*, by J. Douglas Willms, Applied Research Branch, Strategic Policy, Human Resources Development Canada, Feb. 2003. Available in either html or pdf format at [www.hrdc-drhc.gc.ca/sp-ps/arb-dgra/publications/research/2002docs/SP-560-01-03/e/SP-560-01-03\\_E\\_toc.shtml](http://www.hrdc-drhc.gc.ca/sp-ps/arb-dgra/publications/research/2002docs/SP-560-01-03/e/SP-560-01-03_E_toc.shtml) and also available in French.

*The Toronto Report Card on Children*, a bi- or semi-annual series by the City of Toronto, is available through the Toronto Children's Services site [www.toronto.ca/children](http://www.toronto.ca/children) (specifically, [www.toronto.ca/children/repcard.htm](http://www.toronto.ca/children/repcard.htm)) which also features *Ward Reports on Children*, which “provide listings of the child care centres, family resource programs, public and catholic schools, community centres and libraries located in each City ward [and] also contain statistical information about the children and families living in [them],” and is available for all 44 wards via [www.toronto.ca/children/wardreports.htm](http://www.toronto.ca/children/wardreports.htm)

## **Gender or Women's Issues**

(see also some listed under Aboriginal issues above)

*Adding a Social Dimension to Agricultural Statistics: Incorporation of Gender Considerations into FAO's Statistical Support to Member Countries*, by John Curry, a Gender Research Officer, Gender and Development Service (SDWW), The Food and Agriculture Organization of the United Nations (FAO), for The Expert Group Meeting on Setting the Scope of Social Statistics, hosted by the United Nations Statistics Division in collaboration with the Siena Group on Social Statistics, New York, 6-9 May 2003. The scope and participants from a couple dozen countries

or international organizations for this conference are described in several documents at <http://unstats.un.org/unsd/workshops/socialstat> and the URL for this paper in particular is [http://unstats.un.org/unsd/workshops/socialstat/no\\_34.doc](http://unstats.un.org/unsd/workshops/socialstat/no_34.doc)

*Assessing Violence Against Women: A Statistical Profile*, by the Federal/Provincial/Territorial Ministers responsible for the Status of Women, published by Status of Women Canada, 2003, available from them at [www.swc-cfc.gc.ca/pubs/0662331664/index\\_e.html](http://www.swc-cfc.gc.ca/pubs/0662331664/index_e.html) or from the various provincial govt. sites such as [www.mcaaws.gov.bc.ca/womens\\_services/assessing-violence](http://www.mcaaws.gov.bc.ca/womens_services/assessing-violence) Also available in French at [www.swc-cfc.gc.ca/pubs/0662331664/index\\_f.html](http://www.swc-cfc.gc.ca/pubs/0662331664/index_f.html)

*A Call to Action: Women's Health at Work & Gender-based Analysis*, a topic introduced in this article by the Canadian Women's Health Network [www.cwhn.ca/resources/workplace/gba.html](http://www.cwhn.ca/resources/workplace/gba.html) which is fleshed out in more detail by a working group from a 1998 symposium in Montreal on "Improving the Health of Women in the Work Force: A Meeting Of Representatives Of Women Workers and Researchers," available from The Centre for the study of biological interactions in human health [www.unites.www.ca/cinbiose/ANGLAIS/PUB/PUB.ACTIONPLAN.HTML](http://www.unites.www.ca/cinbiose/ANGLAIS/PUB/PUB.ACTIONPLAN.HTML)

*Economic Independence for Women Leaving or Living in Abusive Relationships: Discussion Paper*, by Circle of Prevention (an Atlantic network of representatives of provincial shelter organizations, government violence prevention initiatives, and black and Aboriginal women), Sept. 2002 [www.echo-chn.net/circle/discussionsept02.pdf](http://www.echo-chn.net/circle/discussionsept02.pdf) This is primarily a literature review of Canadian reports concerning how to establish what would constitute economic independence by an abused spouse needing to leave, with some long range historical data on women's level of education, participation in the labour force, and so on.

The *Elliot Lake Tracking Study: 1990-2000* project by INORD, the Institute for Northern Ontario Research and Development at Laurentian University <http://inord.laurentian.ca> in Sudbury, tracked the effects on a community resulting from the loss of its major employer (a mining company). Part of this was the Elliot Lake Spousal Project, which involves gender issues and their measurement, resulting in reports such as, *Are We There Yet, Mom? Labour Adjustment and the Sexual Division of Labour* by Monica Neitzert, and *Stitching the Equilibria: A Feminist Model of Labour Adjustment*, by Monica Neitzert, Anne-Marie Mawhiney and Elaine Porter, online at <http://inord.laurentian.ca/INORD%20-%20ELTS%20Papers.htm>

*Evaluating Programs For Women: A Gender-specific Framework*, by Joan McLaren, for the Prairie Women's Health Centre of Excellence, The University of Winnipeg, 2000, rvsd. ed. [www.pwhce.ca/pdf/gsp2.pdf](http://www.pwhce.ca/pdf/gsp2.pdf)

*A gender analysis of quality of life in Saskatoon, Saskatchewan*, by A. Williams, H. Dunning, B. Janzen, S. Abonyi, *et al.*, of the Universities of Saskatchewan and Regina, the Proceedings of the Gender and Geography Commission Workshop in Toronto, 2002, available in html, pdf, or PowerPoint format along with related papers at [www.yorku.ca/geograph/igu\\_ugi/proceedings](http://www.yorku.ca/geograph/igu_ugi/proceedings)

*Gender Equality Indicators: Public Concerns and Public Policies - Proceedings of a Symposium held at Statistics Canada, March 26 and 27, 1998*, by Leroy O. Stone, Zeynep Karman, and W. Pamela Yaremko, 1999, [www.swc-cfc.gc.ca/pubs/0662274180/199901\\_0662274180\\_1\\_e.pdf](http://www.swc-cfc.gc.ca/pubs/0662274180/199901_0662274180_1_e.pdf)

*Harnessing the Numbers: Potential Use of Gender Equality Indicators for the Performance, Measurement and Promotion of Gender-Based Analysis of Public Policy*, a background paper by Marika Morris, for Status of Women Canada, in Ottawa, 1998, with the English version at [www.swc-cfc.gc.ca/pubs/0662274180/199901\\_0662274180\\_2\\_e.pdf](http://www.swc-cfc.gc.ca/pubs/0662274180/199901_0662274180_2_e.pdf)

Also available in French as *Les indicateurs de l'égalité entre les sexes: préoccupations publiques et politiques gouvernementales actes d'un symposium tenu à Statistique Canada, les 26 et 27 mars 1998*, downloadable in several installments listed at:

<http://publications.gc.ca/control/publicationInformation?searchAction=2&publicationId=80812>

The *Human Development Reports* and the Human Development Index developed by the United Nations Development Program (UNDP) have several background and research reports pertaining to how it measured gender issues and empowerment within its indices, which can be downloaded from <http://hdr.undp.org/statistics/papers.cfm> and the annual reports themselves can be accessed at <http://hdr.undp.org/statistics/default.cfm>

*Population Health Data through a Gender Lens – A Gender Analysis of Toward A Healthy Future: Second Report On The Health of Canadians and Selected Other Population Health Documents*, by Lissa Donner, Tammy Horne, and Wilfreda Thurston, of the Prairie Women's Health Centre of Excellence, for the prepared for Federal/Provincial/Territorial Ministers responsible for the Status of Women Forum, April 2001, a 90-page report available on the Government of Prince Edward Island's site at [www.gov.pe.ca/photos/original/iws\\_healthy\\_e.pdf](http://www.gov.pe.ca/photos/original/iws_healthy_e.pdf)

*A Profile of Women's Health Indicators in Canada*, by Ronald Colman, of GPI Atlantic in Halifax, for the Women's Health Bureau, Health Canada, July, 2003 a free 250-page report available at [www.gpiatlantic.org/whbreport.pdf](http://www.gpiatlantic.org/whbreport.pdf) (warning: it is a 4.6 mb file)

*Report Card on the Status of Women in N.B. 2003: A Statistical Profile*, by the New Brunswick Advisory Council on the Status of Women, in Fredericton, NB, March 2003, and a 2002 version are available from [www.acswcccf.nb.ca/english/acsw3.asp](http://www.acswcccf.nb.ca/english/acsw3.asp) a Also available in French from [www.acswcccf.nb.ca/french/acsw3.asp](http://www.acswcccf.nb.ca/french/acsw3.asp)

*Social and Community Indicators for Evaluating Women's Work in Communities*, by Louise Toupin and Nadine Goudreault, for Status of Women Canada, in Ottawa, Feb. 2001. Available in both html and pdf format from [www.swc-cfc.gc.ca/pubs/0662650344/index\\_e.html](http://www.swc-cfc.gc.ca/pubs/0662650344/index_e.html) and also available in French from [www.swc-cfc.gc.ca/pubs/0662650344/200102\\_0662650344\\_1\\_f.html](http://www.swc-cfc.gc.ca/pubs/0662650344/200102_0662650344_1_f.html)

The *Work session on gender statistics* (Orvieto (Italy), 11-13 October 2000) and the *Joint ECE/UNDP Workshop on Gender Statistics for Policy Monitoring and Benchmarking* (Orvieto, Italy, 9-10 October 2000), was part of the Conference of European Statisticians hosted by the Statistical Commission and the Economic Commission for Europe. There are dozens of papers from this conference from the perspectives of both the users and the producers of gender statistics at [www.unece.org/stats/documents/2000.10.gender.htm](http://www.unece.org/stats/documents/2000.10.gender.htm) and [www.unece.org/stats/documents/2000.10.gender\\_workshop.htm](http://www.unece.org/stats/documents/2000.10.gender_workshop.htm) E.g., the *Country Report - Producers: Canada*, by Statistics Canada, which summarizes their efforts in tracking gender statistics here [www.unece.org/stats/documents/2000/10/gender\\_workshop/2.e.pdf](http://www.unece.org/stats/documents/2000/10/gender_workshop/2.e.pdf) and there is

also the Review of Statistics Canada survey items relative to policy issue areas pertaining to gender [www.unece.org/stats/documents/2000/10/gender/9.add.1.e.pdf](http://www.unece.org/stats/documents/2000/10/gender/9.add.1.e.pdf) and the *National priority gender issues and the statistics needed - The case of Canada* at [www.unece.org/stats/documents/2000/10/gender/9.e.pdf](http://www.unece.org/stats/documents/2000/10/gender/9.e.pdf)

## **Mental Health Issues**

*Acute Care Hospitalizations for Mental Illness and Suicide Attempts in Southwestern Ontario*, by Jennifer Sarkella, for the Southwest Region Health Information Partnership, London, ON, 2003; a 60 page report based on CIHI data [www.srhlp.on.ca/SRHIP/products/MentalHealth.pdf](http://www.srhlp.on.ca/SRHIP/products/MentalHealth.pdf)

*Accountability and Performance Indicators for Mental Health Services and Supports: A Resource Kit*, prepared for the Federal / Provincial / Territorial Advisory Network on Mental Health, published by Health Canada, 2001 [www.hc-sc.gc.ca/hppb/mentalhealth/pdfs/apimhss.pdf](http://www.hc-sc.gc.ca/hppb/mentalhealth/pdfs/apimhss.pdf) Also available in French as *Indicateurs de rendement et de reddition de comptes pour les services de soins et de soutien en santé mentale : Trousse d'évaluation*

*Canadian Community Health Survey: Mental health and well-being, 2002*, a national survey by Statistics Canada can give current baseline measures on the prevalence of mental health issues and access to services; it is summarized in *the Daily*, on Sept. 3, 2003 [www.statcan.ca/Daily/English/030903/d030903a.htm](http://www.statcan.ca/Daily/English/030903/d030903a.htm) with the aggregate results on various sub-topics available in a series of tables at [www.statcan.ca/english/freepub/82-617-XIE/index.htm](http://www.statcan.ca/english/freepub/82-617-XIE/index.htm) and some micro-data available through CANSIM. Also available in French.

*Ethnic Minority Psychiatric Illness Rates in the Community (EMPIRIC) – Quantitative Report*, edited by Kerry Sproston and James Nazroo, for the U.K. Department of Health, Aug. 2003, a 190 page report on a survey carried out in 2000 by the Joint Health Surveys Unit of the National Centre for Social Research and University College, London among ethnic minority adults aged 16-74 living in England to make comparisons with the prevalence of psychiatric morbidity in the general population, as revealed in a previous national health survey. It can be downloaded as a single 1.1 mg file or viewed page by page via [www.doh.gov.uk/public/empiric.htm](http://www.doh.gov.uk/public/empiric.htm)

*Gauging the Mental Health Status of a Community: Indicators and Measures*, by Alberta Danso, for the South Eastern Ontario District Health Council, Kingston, Oct. 2000, [www.seo-dhc.org/reports/53\\_Gauging\\_The\\_Mental\\_Health\\_Status.PDF](http://www.seo-dhc.org/reports/53_Gauging_The_Mental_Health_Status.PDF)

*The Mental Health and Addiction Services: Development of National Indicators and Reports Project* of the Canadian Institute for Health Information (CIHI), a quasi-governmental nonprofit organization based in Ottawa, has produced a number of background and final reports, available at [http://secure.cihi.ca/cihiweb/dispPage.jsp?cw\\_page=indicators\\_mental\\_e](http://secure.cihi.ca/cihiweb/dispPage.jsp?cw_page=indicators_mental_e) Also in French.

*Quality of Life Measurement Among Persons with Chronic Mental Illness: A Critique of Measures and Methods*, by Mark J. Atkinson and Sharon Zibin, University of Calgary, for the Systems for Health Directorate Health Promotion and Programs Branch, Health Canada, 1996, [www.hc-sc.gc.ca/hppb/mentalhealth/pubs/quality\\_of\\_life/index.html](http://www.hc-sc.gc.ca/hppb/mentalhealth/pubs/quality_of_life/index.html) A 50-page review of the Quality of Life (QoL) literature published between January 1991 and January 1996 which

addressed quality of life measurement, research methods and related health care policy and planning issues, which examines 28 different survey instruments. Also available in French as *Évaluation de la qualité de vie des personnes atteintes de troubles mentaux chroniques : Analyse critique des mesures et des méthodes* [www.hc-sc.gc.ca/hppb/sante-mentale/pubs/qualite\\_de\\_vie](http://www.hc-sc.gc.ca/hppb/sante-mentale/pubs/qualite_de_vie)

*A Report on Mental Illnesses in Canada*, by Health Canada, Ottawa, Oct. 2002. A 100 page report which “describes [five major types of mental illnesses and outlines their incidence and prevalence, causation, impact, stigma, and prevention and treatment.” It is available both through Health Canada at [www.hc-sc.gc.ca/pphb-dgspsp/publicat/miic-mmac](http://www.hc-sc.gc.ca/pphb-dgspsp/publicat/miic-mmac) (either in its entirety or in individual sections in either html or pdf) and the Canadian Institute for Health Information (CIHI) at [http://secure.cihi.ca/cihiweb/dispPage.jsp?cw\\_page=reports\\_mental\\_illness\\_e](http://secure.cihi.ca/cihiweb/dispPage.jsp?cw_page=reports_mental_illness_e) Also available in French, at [www.hc-sc.gc.ca/pphb-dgspsp/publicat/miic-mmac/index\\_f.html](http://www.hc-sc.gc.ca/pphb-dgspsp/publicat/miic-mmac/index_f.html) For more data on the hospitalization rates, see also the CIHI's database of Health Services - Hospital Mental Health Services [http://secure.cihi.ca/cihiweb/dispPage.jsp?cw\\_page=statistics\\_results\\_topic\\_mentalhealth\\_e](http://secure.cihi.ca/cihiweb/dispPage.jsp?cw_page=statistics_results_topic_mentalhealth_e) or the Hospital Mental Health Database (HMHDB) with interactive and preformatted tables at [http://secure.cihi.ca/cihiweb/dispPage.jsp?cw\\_page=statistics\\_results\\_source\\_hmhdb\\_e](http://secure.cihi.ca/cihiweb/dispPage.jsp?cw_page=statistics_results_source_hmhdb_e)

For some earlier data based on the 1994/95 National Population Health Survey, see: *Mental Health of the Canadian Population: A Comprehensive Analysis*, by Thomas Stephens, Corinne Dulberg and Natacha Joubert, from *Chronic Diseases in Canada*, 20(3), 2000, online in English at [www.hc-sc.gc.ca/pphb-dgspsp/publicat/cdic-mcc/20-3/c\\_e.html](http://www.hc-sc.gc.ca/pphb-dgspsp/publicat/cdic-mcc/20-3/c_e.html) and also available in French at [www.hc-sc.gc.ca/pphb-dgspsp/publicat/cdic-mcc/20-3/c\\_e.html](http://www.hc-sc.gc.ca/pphb-dgspsp/publicat/cdic-mcc/20-3/c_e.html)

The United States Government has also produced a series of publications about gauging the prevalence of mental illness and the state of the mental health treatment system – and improving the statistical systems on the same. They include:

- *Mental Health: A Report of the Surgeon General, 1999*, by the U.S. Department of Health & Human Services, Office of the Surgeon General, whose introductory page is [www.mentalhealth.samhsa.gov/cmhs/surgeongeneral/surgeongenerallrpt.asp](http://www.mentalhealth.samhsa.gov/cmhs/surgeongeneral/surgeongenerallrpt.asp) and the linked table of contents is at [www.mentalhealth.org/features/surgeongeneralreport/toc.asp](http://www.mentalhealth.org/features/surgeongeneralreport/toc.asp)
- *Mental Health, United States, 2000*, edited by Ronald W. Manderscheid and Marilyn J. Henderson, U.S. Department of Health and Human Services, Substance Abuse and Mental Health Services Administration Center for Mental Health Services [www.mentalhealth.samhsa.gov/publications/allpubs/SMA01-3537/default.asp](http://www.mentalhealth.samhsa.gov/publications/allpubs/SMA01-3537/default.asp)
- the *Mental Health Statistics Improvement Program: Mental Health Report Card/Phase II Task Force/Progress Report, 1996* [www.mhsip.org/reportcard/reportcard.html](http://www.mhsip.org/reportcard/reportcard.html) See especially its Technical Appendix: Concerns, Indicators, and Measures, at [www.mhsip.org/reportcard/techapp.pdf](http://www.mhsip.org/reportcard/techapp.pdf)