

CRDCN 101

Use the Nipissing RDC for your research and become part of the CRDCN research community



What is CRDCN and what is unique about data accessed via the RDC?

- The [Canadian Research Data Centre Network](#) (CRDCN) provides unique access to Statistics Canada microdata and other data* at Research Data Centres (RDCs) on [33 campuses](#) across the country.
- The RDC is a secure facility where researchers access detailed survey and administrative microdata. The RDC's repository includes social and business survey data and administrative records from a variety of sources including tax, employment insurance, social assistance, and hospitalization records.
- Individual data are protected: (1) names and ID numbers are removed; (2) access to data only permitted on secure systems that have no internet access; (3) researchers take training on confidentiality and privacy and Statistics Canada personnel use “disclosure analysis” to ensure that no individual, household or business can be identified.
- CRDCN is also a place for training and networking with your fellow researchers. There is an annual CRDCN conference, and RDC-specific events at many universities. Have a look at our [events calendar](#) to find one that interests you.

*Data includes that from Statistics Canada, CIHI, IRCC, ESDC, BC Ministry of Education, MCCSS Ontario and more





Statistics Canada microdata subject area categories

- Agriculture and food
- Business and consumer services and culture
- Business performance and ownership
- Children and youth
- Construction
- Crime and justice
- Digital economy and society
- Economic accounts
- Education, training and learning
- Energy
- Environment
- Families, households and marital status
- Government
- Health
- Housing
- Immigration and ethnocultural diversity
- Income, pensions, spending and wealth
- Indigenous Peoples
- International trade
- Labour
- Languages
- Manufacturing
- Population and demography
- Prices and price indexes
- Retail and wholesale
- Science and technology
- Seniors and aging
- Society and community
- Statistical methods
- Transportation
- Travel and tourism

Examples of datasets available via CRDCN

Examples of survey data:

- Aboriginal Peoples Survey (APS), Canadian Community Health Survey (CCHS), Canadian Survey on Disability (CSD), General Social Survey (GSS), Housing and Environment Survey (HES), Labour Force Survey (LFS), Public Service Employment Survey (PSES), Youth in Transition Survey (YITS)

Examples of administrative records:

- Canadian Birth-Census Cohort, Canadian Cancer Registry (CCR), Canadian Census and Health Environment Cohort (CanCHEC), Census, Discharge Abstract Data (DAD), Employment Insurance data, Education Labour Market Longitudinal Platform (ELMLP), High System Users (HSUS), Longitudinal Immigrant Database (IMDB), Vital Statistics (CVSD)

Examples of linked survey-administrative data:

CCHS-DAD-IMDB, LSIC (CCR/CVSD), NLSCY (T1/tax data), NPHS (T1/CVSD), SLID (T1/CVSD/CCR), YITS (T1)

More than [200 datasets](#) are available



Psychology research in the RDCs

- *Canadian Journal of Psychiatry* – “Course and Predictors of Major Depressive Disorder in the Canadian Armed Forces Members and Veterans Mental Health Follow-up Survey” (Enns, Mota, Afifi, Bolton, Richardson, Patten and Sareen, 2022)
- *Child Psychiatry and Human Development* – “Mental Health Challenges Among First Nations Adolescents Living Off-Reserve in Ontario, Canada” (Owais, Savoy, Hill, Lai, Burack and Van Lieshout, 2022)
- *Development and Psychopathology* – “Individual- and Family-Level Associations between Child Psychopathology and Parenting” (Aitken, Perquier, Haltigan, Wang, Andrade, Battaglia, Szatmari and Georgiades, 2023)
- *Social Psychiatry and Psychiatric Epidemiology* – “Social determinants of ethno-racial inequalities in substance use: a decomposition of national survey data” (Blair and Siddiqi, 2022)



Sociology research in the RDCs

- *Canadian Review of Sociology* – “Social Change and the Gendered Division of Household Labour in Canada” (Guppy, Sakumoto and Wilkes, 2019)
- *Migration Studies* – “The demographic determinants of inter-provincial migration declines in Canada: A decomposition analysis” (White and Haan, 2021)
- *Rural Sociology* – “Mind the Gaps: Examining Youth’s Reading, Math and Science Skills Across Northern and Rural Canada” (Hillier, Zarifa and Hango, 2022)
- *Social Indicator Research* – “The Effects of Modern Treaties and Opt-In Legislation on Household Incomes in Aboriginal Communities” (Pendakur and Pendakur, 2018)
- *SSM Population Health* – “Preventable mortality among sexual minority Canadians” (Salway et al., 2022)



Economics research in the RDCs

- *American Economic Review* – “The Impact of Childhood Social Skills and Self-Control Training on Economic and Noneconomic Outcomes: Evidence from a Randomized Experiment Using Administrative Data” (Algan, Beasley, Côté, Park, Tremblay and Vitaro, 2022)
- *Journal of Labor Economics* – “Welfare versus Work under a Negative Income Tax: Evidence from the Gary, Seattle, Denver and Manitoba Income Maintenance Experiments” (Riddell and Riddell, 2022)
- *Journal of Public Economics* – “Environmental taxes and productivity: Lessons from Canadian manufacturing” (Yamazaki, 2022)
- *Quantitative Economics* – “Four decades of Canadian earnings inequality and dynamics across workers and firms” (Bowlus, Gouin-Bonenfant, Liu, Lochner and Park, 2022)



Health research in the RDCs

- *CMAJ* – “Suicidality among sexual minority and transgender adolescents: a nationally representative population-based study of youth in Canada” (Kingsbury, Hammon, Johnstone and Colman, 2022)
- *Current Oncology* – “Brain Metastases among Cancer Patients Diagnosed from 2010–2017 in Canada: Incidence Proportion at Diagnosis and Estimated Lifetime Incidence” (Liu, Walker, Paudel, Davis and Yuan, 2022)
- *Health Reports* – “The role of neighbourhood environments in hospitalization risk for diabetes and related conditions: a population-based cohort analysis by remoteness and deprivation indices” (Gupta, Crouse, Miah and Takaro, 2022)
- *PLoS One* – “Drug trends among non-institutionalized Canadians and the impact of data collection changes in the Canadian Health Measures Survey 2007 to 2015” (Chao, Wu, Wu and Chen, 2019)



Nipissing RDC

Location on campus:

- Nipissing University Education Centre (100 College Drive), Room A151

Statistical Assistant:

- Alain Carlson; nipissingrdc@nipissingu.ca; 705-474-3450 ext. 4105

How to [access Statistics Canada Microdata](#) through an RDC:

- 1) Ensure your project requires Microdata
- 2) Complete a project proposal
- 3) Request a letter from your supervisor
- 4) Upload your documents to the [Microdata Access Platform](#)



Find out more about CRDCN

- Visit the CRDCN [website](#)
- Sign up for the [CRDCN newsletter](#)
- Participate in the CRDCN [annual conference and other training](#)
- Search or browse the [publications and reports](#) to get to know the work of the 2000+ researchers in the CRDCN community
- Learn more about the [data access continuum](#) (including the [Data Liberation Initiative](#), [Real Time Remote Access](#) and [Public Use Microdata File](#)) and [Statistics Canada](#)