

DATA PURCHASE AND ACCESS WORKING GROUP

July 8, 2020

2:30pm - 4:00pm Eastern time

Connection details:

Adobe Connect: <https://cdp.adobeconnect.com/theboardroom/>

Teleconference: 1-866-398-2885 ; access code: 908904

Attendance

- Michael Ditor, CDP team
- Michel Frojmovic, CDP team
- Mary Clarke, CDP team
- Aaron Mulcaster, Kawartha Lakes and Haliburton
- Alison Gerrits, Bow Valley
- Auburn Larose, Parry Sound-Nipissing
- Cheryl Hitchen, Kingston, Frontenac, Lennox and Addington
- Jasmine Ing, Calgary
- Kholah Nisar, Simcoe County
- Laurie Dixon, Kingston, Frontenac, Lennox and Addington
- Louisa Wong, Hamilton
- Nancy Fischer, Peterborough
- Rachel Rizzuto, Northern Ontario
- Ross Graham, Waterloo Region
- Ted Hildebrandt, Halton Region
- Tiffany Boening, Simcoe County
- Andrea Dort, Peel Region
- Eric Campbell, Wellington-Dufferin-Guelph
- Albert Boakye, Winnipeg

Agenda

- Progress on COVID-19 vulnerability & recovery monitoring tool
- Data acquisition updates
- Tables at custom geographies -the next production round
- Other business
- Next meeting

Progress on COVID-19 vulnerability & recovery monitoring tool

[This PowerPoint presentation](#) outlines the indicators that we are planning on integrating into the Community Recovery and Resilience Dashboard. We are hoping to have a working prototype with a first round of indicators available before the Fall.

Related indicators and datasets

Labour Force Survey data – supplementary indicators

To ensure that the full scope of the labour market disruption is captured, supplementary indicators were also featured, including measures of the number of Canadians who kept their job but worked reduced hours, and the number who did not look for work because of the unique circumstances associated with the shutdown.

STC looking into monthly data, but will most likely receive only CMA and ER level data for moving 3-month averages, including supplemental indicators.

CERB uptake/Employment Insurance statistics

STC does not have any data on uptake of the Canadian Emergency Response Benefit. Moreover, publication of Employment Insurance statistics has been suspended. This situation may change in the coming months and STC is aware that we are interested in acquiring these data at low levels of geography. In the meantime, we are reaching out to ESDC to see about getting these data directly.

Indicator of telework feasibility

Statistics Canada has shared a file with us that rates occupations by their feasibility to be carried out remotely via teleworking. This indicator uses the NOC 2011 classification and was created using a crosswalk from [O*NET 2010](#).

[This file can be downloaded here.](#)

Canadian Employer-Employee Dynamics Database

Statistics Canada provided us with [this presentation of the Canadian Employer-Employee Dynamics Database](#). It is a Census of all businesses in Canada, matched to all employees. Previously the indicators were matched at the PR/ER level, but using postal code, can build indicators at smaller levels of geography. There is a delay of 2-3 years (similar to T1FF data).

ACTION ITEM: Working Group members and the CDP team will follow up on the possibility of acquiring products from this data source.

Canadian Housing Survey

We have inquired about getting the Census Profile equivalent from the CHS and have also requested data from the CHS for these variables to be fed into the Dashboard:

- Access to childcare
- Access to medical services
- Access to grocery stores

These variables are also of particular interest to the CDP team at the moment:

- VOL_Q05 - In the past 12 months, did you do unpaid volunteer work for any organization?
- VOL_Q10 - In the past 12 months, on average, about how many hours per month did you volunteer?
- DWS_Q10I - Being able to maintain a comfortable temperature in the winter
- DWS_Q10J - Being able to maintain a comfortable temperature in the summer
- DWS_Q10H - Being energy efficient

I have inquired about the possibility of cross-tabulating variables with demographic variables (visible minority status, Aboriginal Identity status, knowledge of official languages) but was told that *“Custom tabulations from the CHS are still in its infancy, but profile data is more feasible than cross-tabulations.”*

ACTION ITEM: DPAWG members - If you have variables of interest from the CHS, please communicate this with me, or we can discuss these in the next working group meeting.

Canadian Internet Use Survey

The CDP has acquired these data for CMA/non-CMA geographies. CD/CSD data are not possible. The data will be posted to the catalogue shortly.

COVID-19 cases/hospitalizations

COVID-19 cases are provided to the Public Health Agency of Canada by the provinces. Statcan publishes a subset of that information, at the provincial level - but Statcan does not have more detailed information (postal codes for example). There may be a point in the future where that information can be shared with StatCan, but no timeline is available for this. It may never happen as multiple jurisdictions are involved.

It's different for hospitalizations and mortality. There will be a time in the future where that information will be available at StatCan. There is already work under way regarding mortality for example. But to get detailed levels at the municipal or sub-municipal level, it will take at least another year.

Proximity Measures Data Viewer

[The Proximity Measures Database](#) contains 10 measures of proximity and a composite indicator that combines some of the proximity measures.

- Amenity dense neighborhood
- Proximity to employment
- Proximity to grocery stores
- Proximity to pharmacies
- Proximity to health care
- Proximity to primary education
- Proximity to secondary education
- Proximity to childcare
- Proximity to public transit
- Proximity to libraries
- Proximity to neighborhood parks

The CDP team has downloaded the database available on the STC website and will make it available from the catalogue.

VSE COVID Risk/Reward Assessment Tool

Statistics Canada has taken over this project from UBC, with plans to develop the tool for geographies covering all of Canada. The CDP team has discussed acquiring these data at the Census Subdivision level from Statistics Canada. A description of the project is provided below:

The VSE COVID Risk/Reward Assessment Tool (VSE COVID Risk Tool, hereafter) can be used to compare some of the risks and benefits of re-opening different sectors of the economy. It features an interactive figure, where risk is represented on the vertical axis and benefit, on the horizontal axis. Each sector of the economy is listed at the right of the figure and identified by a different color. Distinct occupations within a sector are identified by bubbles, where larger bubbles represent occupations that employ a greater share of a sector's labour force.

This tool also includes a table that provides more detailed information on the risk presented in the figure. First, it shows a finer breakdown of sectors and occupations. Second, in addition to the value of the risk index, it shows the value of the factors that contribute to the index, as well as other factors which may be relevant but do not enter the risk index directly. Users can navigate through the different tabs of the table to view these factors, which are broken down in three categories: risks associated with work in a particular occupation ("Job description detail"), importance of the sector in the BC economy ("Economic factors detail"), and risks associated with factors outside of the work place ("Household detail"). Please refer to the User's Guide for a complete description of the construction of this tool and its use. The code repository for the tool is here.

Heat Map of Industries and Occupations

<https://covid19.economics.ubc.ca/projects/project-1/>

Risk-reward tool

<https://baylislab.shinyapps.io/risk-tool-v2/>

Data acquisition updates

These products have been acquired recently:

Household and Family Target Group Profiles

- Households and Families with children 0-6
 - With at least one person aged 65+
 - Low-income (LIM-AT) households and families
 - Low-income (MBM) households and families
 - With at least one person with activity limitations
 - Recent immigrant households and families
 - Visible minority households and families
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- TGP for the population with activity limitations
 - Canadian Community Health Survey -PUMF-2017/2018 - Health indicator profile, two-year period estimates, by age group and sex, Canada, provinces, territories, health regions
 - April 2020 Labour Force Survey (LFS) supplementary indicators
 - Employment Insurance Statistics at CSD geographies (up to Feb 2020)

Custom geographies

- Citizenship (5), Place of Birth (272), Selected Immigrant Status, Period of Immigration and Category of Admission Characteristics (14) and Age Groups (12) for the Population in Private Households of Canada, 2016 Census
- TGP for the population with activity limitations

Household and Family Target Group Profiles at custom geographies

- Households and Families with children 0-6
- With at least one person aged 65+
- Low-income population (LIM-AT)
- With at least one person with activity limitations

Tables at custom geographies -still to come

Estimate that these tables should be produced with custom geographies by the end of August:

- HH TGP of the immigrant population
- HH TGP of the Aboriginal identity population
- HH TGP of the recent immigrant population
- HH TGP of the visible minority population

ACTION ITEM: The Activity Limitations TGP should note that not everybody captured by the DSQ turns out to have a disability (i.e., false positives).

UPDATE: The catalogue entry for these products has been updated. Please feel free to check the content and provide feedback.

<https://communitydata.ca/content/target-group-profile-population-activity-limitations-census-2016>
<https://communitydata.ca/content/household-family-tgp-population-activity-limitations-census-2016>

Modelling / Small Area Estimation project

The CDP team met with various departments at STC to discuss our various data needs. One item discussed was the modelling/small area estimation project. We requested that Statistics Canada view this project a research initiative to be cost-shared with the CDP.

UPDATE: STC has agreed to produce estimates of average household liquid assets at the Census Division level at no charge to the CDP. If we find that the final result is of interest to our members, we can request Census Subdivision level data on a cost recovery basis. The CD-level estimates and the process of producing them should give a better idea of the value of CSD-level estimates.

Taxfiler tables

Childcare cost tables

We will acquire one year (2018) of these tables for Prov/Terr-CD-CSD and CMA-CA-CT geographies:

- Families with childcare costs
- Median reported childcare credit amount
- Median ratio [childcare credit amount/after-tax income] (indicating childcare affordability)
- Data quality indicator (STC still to get back to us on this)

Working Poor and Income Inequality

Will acquire Working Poor table and Income Inequality Tables for 2016, 2017 and 2018

Custom modifications of standard T1FF tables

These custom tables are based on F-6, F-19, F-20 and I-13 from the T1FF. Waiting on updated cost estimate. It's possible that we may not need to cut down the order as much as anticipated.

Canadian Index of Multiple Deprivation

Will be able to acquire these data for the national and provincial/regional indexes for CDs, CSDs, and CTs. Index scores and quintiles were produced with the original data set. We could get deciles instead of quintiles.

ACTION ITEM: DPAWG members are requested to indicate their interest in this product and how it will be used. This item was not budgeted for in the 2020-2021 budget and will need some justification.

Advancing a partnership between CMHC and CCEDNet/CDP

The CDP team has had several conversations with staff at the Canadian Mortgage and Housing Corporation to discuss a data-sharing partnership. We will provide further information on this initiative as it develops.

Next meeting

Propose the week of September 14, 2020. Will send Doodle poll to confirm availability.

Other business

Simcoe - Economic Development Office requested that the CDP investigate some data products related to the impact and recovery associated with the pandemic:

- GDP, by industry if possible – at CSD or at whatever sub-prov level possible
- Internet use by geography – how much more traffic – how much more is the internet being used?
Making a case for more access
- Electricity use – how much has this increased over the last few months?
- Supply chain challenges – how have these been disrupted by the shutdown?
- Employment metrics – employment/unemployment@ CSD

ACTION: follow up on these indicators

Note that the CDP typically only acquires data products that are available nation-wide and does not usually collect data from multiple sources. For example, we do not collect data from the provinces on health or education. We will look into what sources might be available for the above-mentioned indicators, but will need to limit the search to sources that provide data for the entire country.

ACTION:

- Investigate the possibility of adding a Census question related to COVID-19 impact/recovery.
- Suggestions for more useful cross-tabulations
- Follow up with STC regarding COVID-19 questions on Census
- Follow up with STC regarding long-form questions
- 2021 census consultations