CONTINUUM of MICRODATA ACCESS

DATA LIBERATION INITIATIVE (DLI)

- The DLI is a partnership that started in 1996 between post-secondary institutions and Statistics Canada, formalized under a licence agreement for improving access to Canadian data resources.
- Canadian post-secondary institutions can access over 350 standard products, such as Public Use Microdata Files (PUMFs), on machine-readable files.
- Modifications performed by Statistics Canada, including collapsing, suppressing, and removing variables before PUMFs are released, ensure that the risk of revealing confidentiality has been removed.
- Support and training for each DLI contact enable contacts to train researchers / professors / students and employees on how to use information from the DLI collection.
- A listserv, an electronic mailing list, exists where questions related to the collection can be asked and answered by Statistics Canada or specialists.
- The DLI is a partnership that started in 1996 between post-secondary institutions and Statistics Canada, formalized under a licence agreement for improving access to Canadian data resources.

ACCESS TO PUBLIC USE MICRODATA FILES (PUMFS) COLLECTION

- Access for Canadian or international organizations to standard products on machine-readable files under a licence agreement.
- Support to researchers to enable them to use the information from the PUMF collection.
- A listserv, an electronic mailing list, exists where questions related to the collection can be asked and answered by Statistics Canada or specialists.
- Data accessed through PUMFs are used for research.

REAL TIME REMOTE ACCESS (RTRA)

- Online remote access facility allowing users to submit programs to run, more or less in real-time, data analyses on microdata located in a central, secure location.
- Statistical Analysis Software (SAS) programs that use descriptive statistics.
- Confidentiality applied automatically.
- No primary manual interventions.
- Currently over 150 confidential microdata files.
- University centers are accessible to academic, government, and other researchers.
- An RDC in Ottawa provides access to these data for federal government researchers.
- Purpose of access is to conduct complex statistical analysis. These data can be longitudinal, survey, administrative or linked.
- Access granted to researchers with approved projects and security clearance.
- Provides support and training to RDC researchers in the areas of statistical methods and data.

RESEARCH DATA CENTRES (RDC)

- A partnership with universities, Statistics Canada, and Canadian research funding agencies to provide access to researchers, a secure university setting, to microdata and their population and household surveys and administrative data.
- Currently over 350 confidential microdata files.
- University centers are accessible to academic, government, and other researchers.
- An RDC in Ottawa provides access to these data for federal government researchers.
- Purpose of access is to conduct complex statistical analysis. These data can be longitudinal, survey, administrative or linked, and have detailed geographic.
- Access granted to researchers with approved projects and security clearance.
- Provides support and training to RDC researchers in the areas of statistical methods and data.

DATA LIBERATION INITIATIVE (DLI) ACCESS TO PUBLIC USE MICRODATA FILES (PUMFS) COLLECTION REAL TIME REMOTE ACCESS (RTRA) RESEARCH DATA CENTRES (RDC) CANADIAN CENTRE FOR DATA DEVELOPMENT AND ECONOMIC RESEARCH (CDER)

- Repository the business and economic microdata files containing sufficient detail for researchers to undertake meaningful and complex analysis while safeguarding the confidentiality of the results and the privacy of businesses respondents and workers in firms establishments.
- Two-stage review process feasibility and detailed project review /costing.
- Exports of microdata are provided based on approved project requests.
- Access granted to researchers with approved projects and security clearance.
- CDER works with researchers and Statistics Canada to produce specific analytical data files.

DATA LIBERATION INITIATIVE (DLI) ACCESS TO PUBLIC USE MICRODATA FILES (PUMFS) COLLECTION REAL TIME REMOTE ACCESS (RTRA) RESEARCH DATA CENTRES (RDC) CANADIAN CENTRE FOR DATA DEVELOPMENT AND ECONOMIC RESEARCH (CDER)

- Repository the business and economic microdata files containing sufficient detail for researchers to undertake meaningful and complex analysis while safeguarding the confidentiality of the results and the privacy of businesses respondents and workers in firms establishments.
- Two-stage review process feasibility and detailed project review /costing.
- Exports of microdata are provided based on approved project requests.
- Access granted to researchers with approved projects and security clearance.
- CDER works with researchers and Statistics Canada to produce specific analytical data files.

ACCESS IS A KEY PILLAR IN STATISTICS CANADA’S CORPORATE BUSINESS PLAN:

“Increasingly, modern policy research requires access not only to aggregated statistics but also to data at the level of the individual business, household or person. Statistics Canada is committed to removing obstacles to access while preserving the privacy and confidentiality of respondents.”

(CORPORATE BUSINESS PLAN 2014-15 TO 2016-17, STATISTICS CANADA)

FOR MORE INFORMATION:
www.statcan.gc.ca