

CONTINUUM of MICRODATA ACCESS

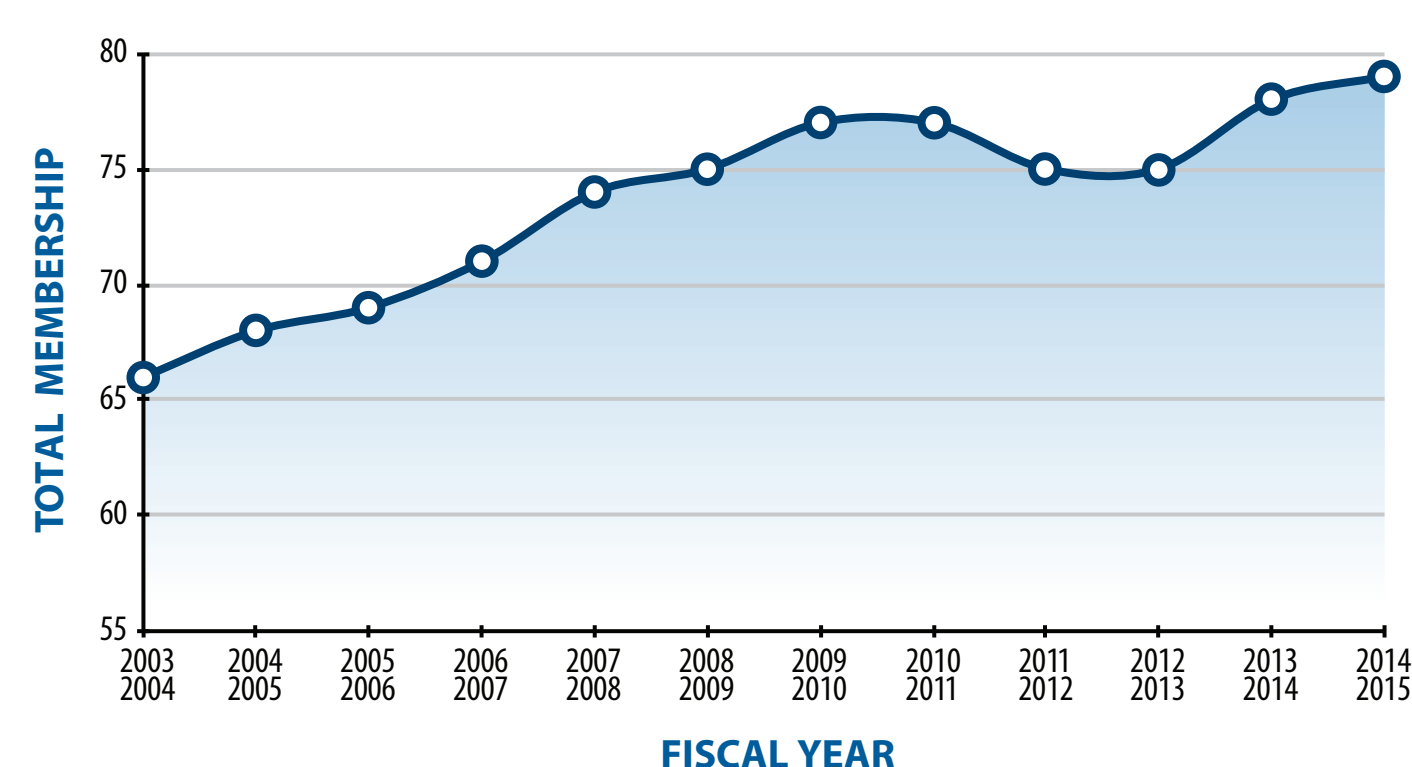


Nonrestricted Access

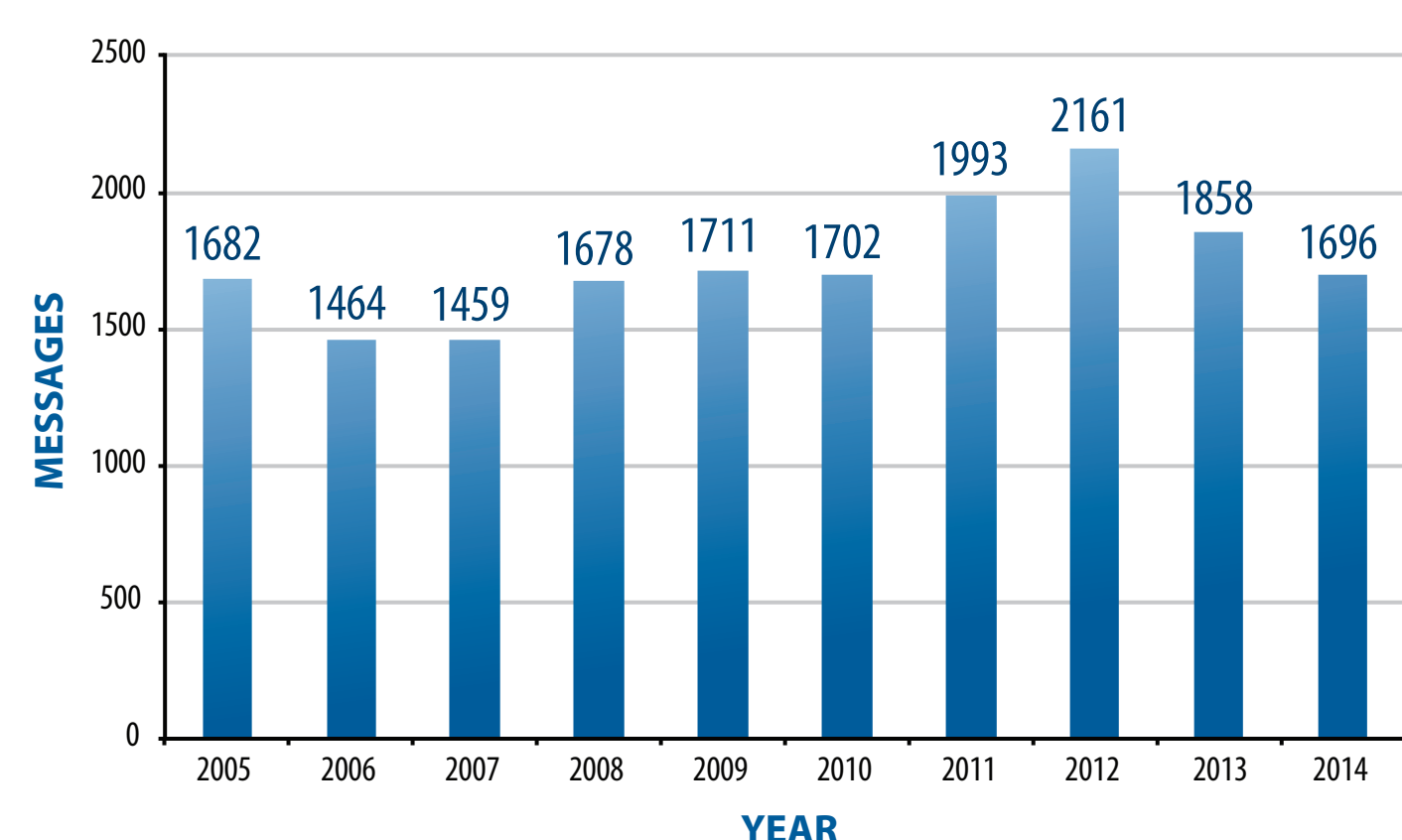
DATA LIBERATION INITIATIVE (DLI)

- 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 breaching 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, the DLI community or specialists
- data accessed through the DLI are used for research, training and planning purposes

DLI MEMBERSHIP



DLI LIST MESSAGES BY YEAR



ACCESS TO PUBLIC USE MICRODATA FILES (PUMFs) COLLECTION

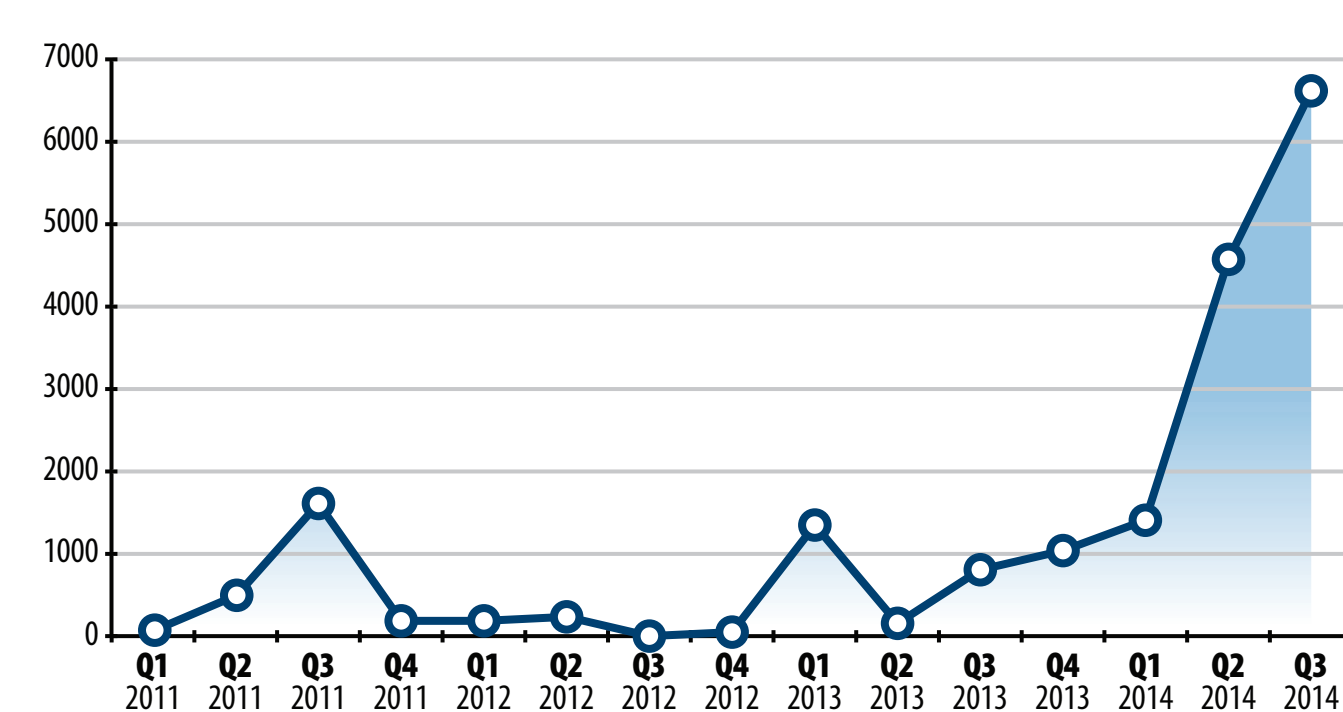
- access for Canadian or international organizations to standard products on machine-readable files under a licence agreement
- support to researchers to enable them to use the information from the PUMF collection
- a listserv, an electronic mailing list, exists where questions related to the collection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

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."

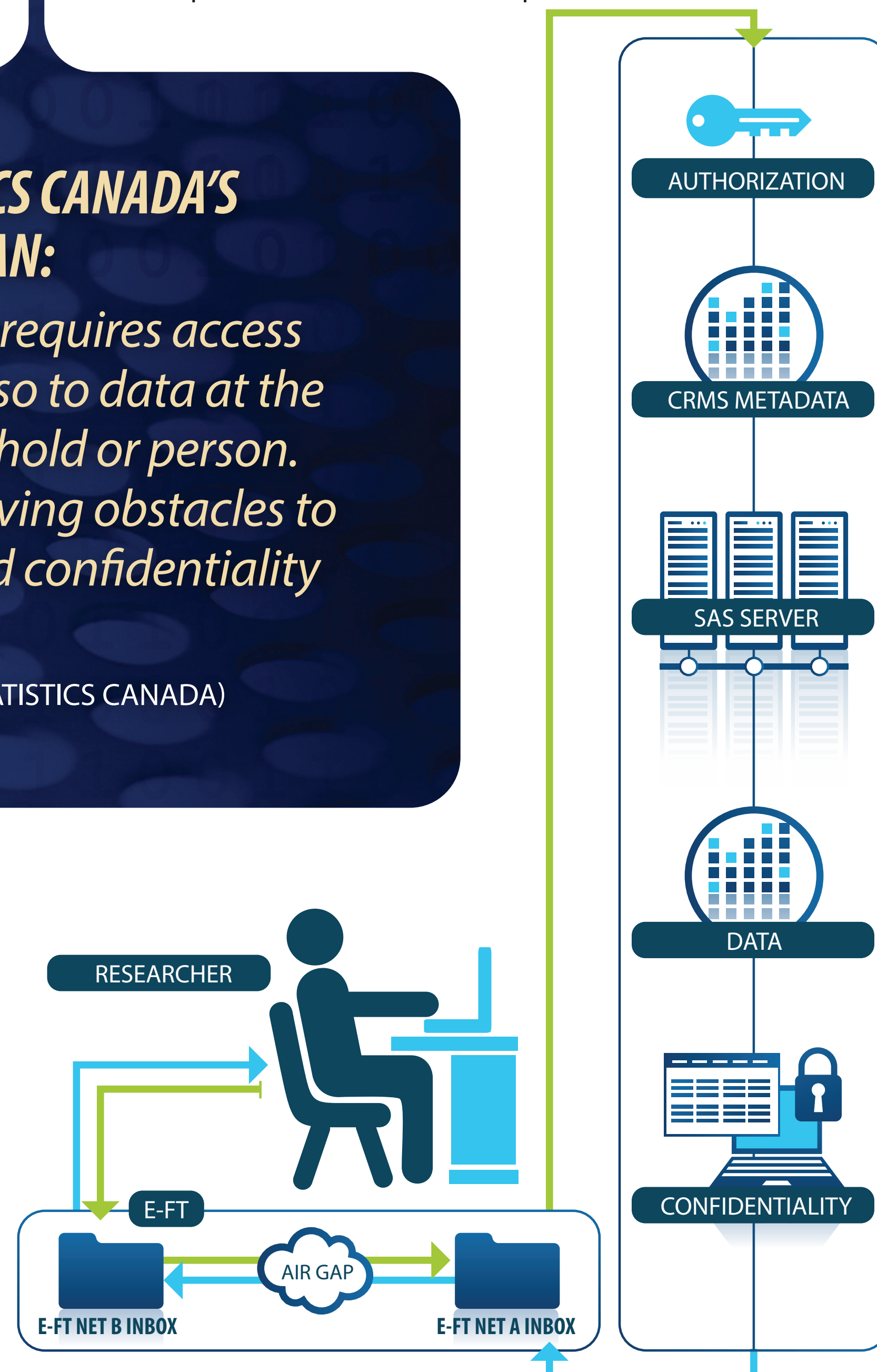
(CORPORATE BUSINESS PLAN 2014-15 TO 2016-17, STATISTICS CANADA)

AVERAGE NUMBER OF SUCCESSFUL SUBMISSIONS



REAL TIME REMOTE ACCESS (RTRA)

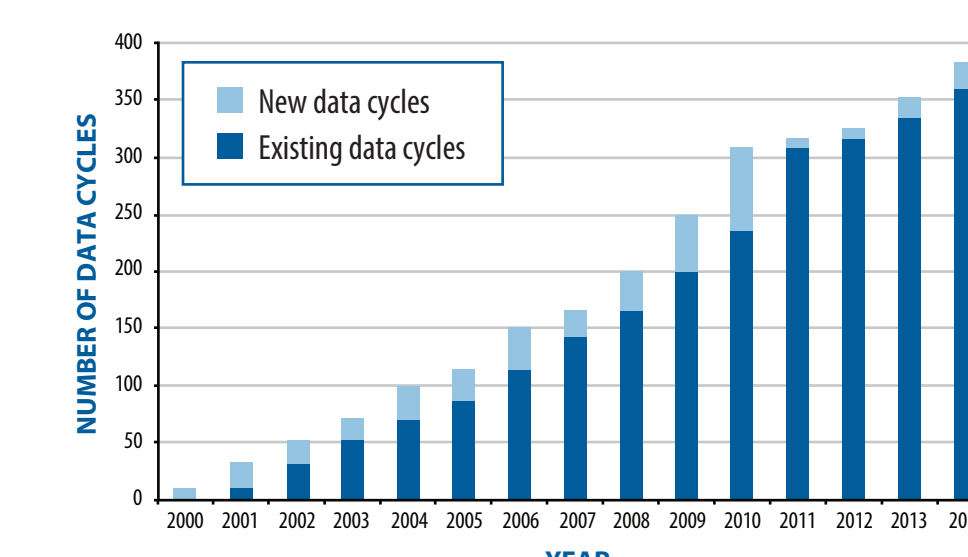
- online remote access facility allowing users to submit programs to run, more or less in real time, data analyses on microdata located in a central, secure location
- Statistical Analysis Software (SAS) programs that run descriptive statistics
- confidentiality applied automatically
- no primary manual interventions
- currently over 60 data files
- ability to interrogate RTRA microdata at any time
- access from any computer with Internet access, using a secure username and password – no travel to RDCs required



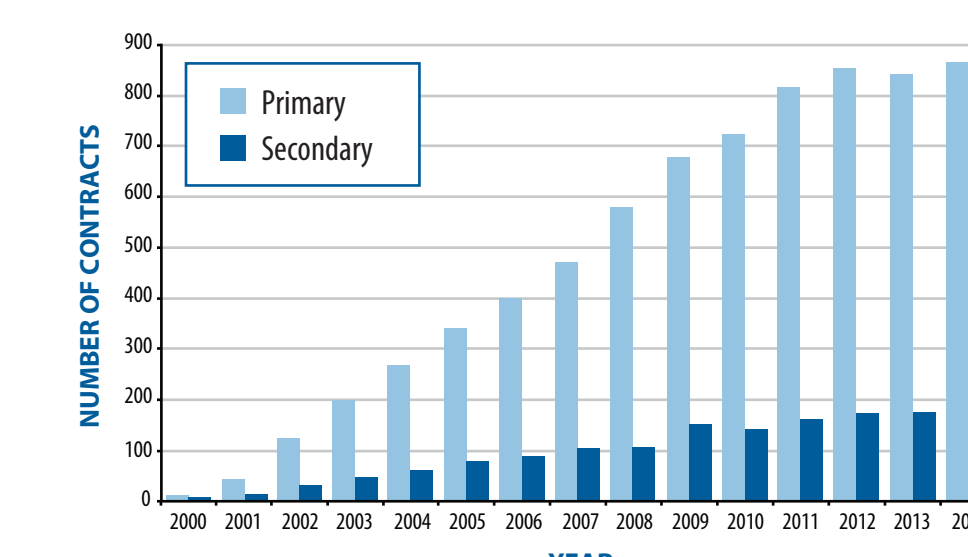
RESEARCH DATA CENTRES (RDC)

- a partnership with universities, Statistics Canada, and Canadian research funding agencies to provide access to researchers, in a secure university setting, to microdata from population and household surveys and administrative data
- currently over 350 confidential microdata files
- university centres are accessible to academic, government and other researchers
- one 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 geographies)
- access granted to researchers with approved projects and security clearance
- provide support and training to RDC researchers in the areas of statistical methods and data

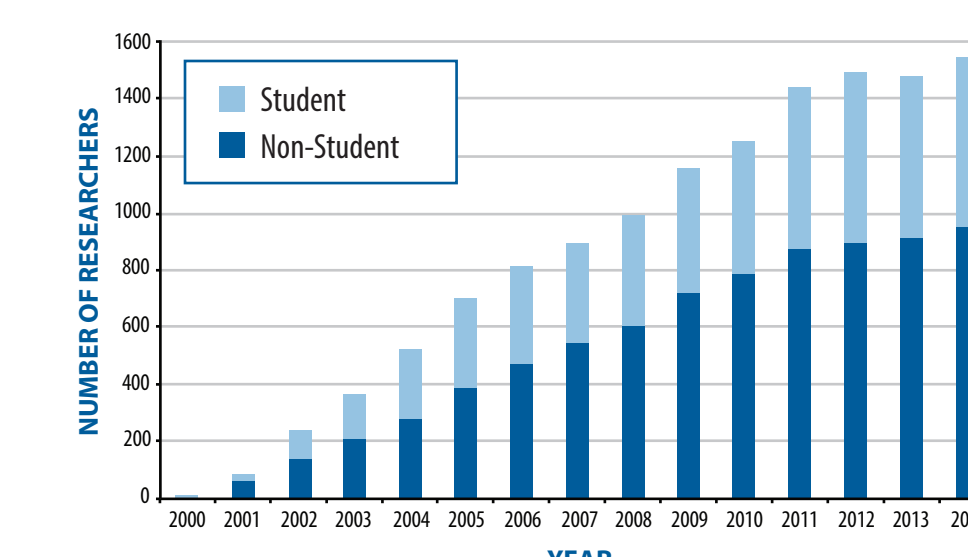
NUMBER OF DATA CYCLES IN THE RDCs



AVERAGE MONTHLY ACTIVE CONTRACTS



AVERAGE MONTHLY COUNTS OF RESEARCHERS



LOCATION OF RDCs ACROSS CANADA



SECURITY REQUIREMENTS FOR AN RDC



FOR MORE INFORMATION:
www.statcan.gc.ca