Data Liberation Initiative (DLI) Update

www.statcan.gc.ca

G. Jourdain, Microdata Access Division
C. Ripp, Microdata Access Division

2017 DLI ACCOLEDS Training
Thompson Rivers University
Kamloops, British Columbia
Outline

• Organisational/staff changes
• DLI membership changes
• Changes in DLI committees
• Report on activities and projects from 2016-17
• On-going priorities for 2017-18
Changes in staff

Members of the DLI team
from left to right

- Chantal Ripp, Unit Head (DLI, RTRA, DDI)
- Renée Rocan, Project Officer (DLI)
- Guillaume Déziel Bouton, DDI Coordinator (DLI, DDI)
- Geneviève Jourdain, Chief (AIID)
- Nicole Allard, Clerical staff (DLI)
- Aiysha Abdullah, Data Prod Officer (RTRA, DDI)
- Michael Braia, Data Coord. (RTRA, DLI)
EAC Membership changes

The DLI’s objectives:
- To promote a data use culture in Canada’s post secondary institutions, and
- To ensure equitable and affordable access to Canadian public data to help support teaching and academic research.

The EAC convene to ensure that the DLI objectives are met and advise on the strategic direction of the program

- **Atlantic:**
  - Peter Webster – Saint Mary’s University – co-chair
  - Siobhan Hanratty – University of New-Brunswick

- **Quebec**
  - Nathalie Vachon – Institut national de la recherche scientifique
  - Gaston Quirion – Université Laval – co-chair

- **Ontario**
  - Vince Grey – Western University
  - Jeff Moon – Queen’s University / Director Portage

- **West**
  - James Doiron – University of Alberta
  - Gilbert Bede - Okanagan College

- **Library Director**
  - Carol Shepstone – Mount Royal University

- **Statistics Canada**
  - George Sciadas - Centre for Special Business Projects
  - TBA – Subject Matter Area
  - Donna Dosman – Microdata Access Division
  - Geneviève Jourdain – Microdata Access Division
Professional Development Committee

PD Committee is for the ongoing development of a data services curriculum for post-secondary staff supporting the DLI at their institution.

- Liz Hill – Western University, Ontario – Chair

Regional Training Coordinators

- Atlantic
  - Carolyn DeLorey – St. Francis Xavier University
  - Julie Marcoux – Dalhousie University

- Quebec
  - Caroline Patenaude – Université de Montréal
  - Berenica Vejvoda – McGill University

- Ontario
  - Sandra Keys – University of Waterloo
  - Alex Cooper – Queen’s University

- West
  - Tara Stieglitz – Grant MacEwan University
  - Marilyn Andrews – University of Regina
Report on projects and activities

- Reference services
- Training and Outreach
- DLI Survival Guide
- The DLI Collection
- Report/Metrics
- Infrastructure changes
Reference services

Reference Request by Source, 2017

MESSAGES

- Telephone
- Email
- dlilist

MONTH

Jan    Feb    Mar    April   May    June    July    Aug    Sept*

2017-11-28
## Training and Outreach

<table>
<thead>
<tr>
<th>Region / Institution</th>
<th>Participants</th>
</tr>
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<tbody>
<tr>
<td>Atlantic Training</td>
<td>24</td>
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<tr>
<td>Quebec Training</td>
<td>23</td>
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<tr>
<td>Ontario Training</td>
<td>53</td>
</tr>
<tr>
<td>ACCOLEDS training</td>
<td>27</td>
</tr>
<tr>
<td>National Training Day</td>
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<tr>
<td>Boot Camp</td>
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<tr>
<td>TOTAL</td>
<td>127</td>
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## Training and Outreach

<table>
<thead>
<tr>
<th>Webinar sessions</th>
<th>Date</th>
<th>Participants¹</th>
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<tbody>
<tr>
<td>General Social Survey (GSS) Victimization</td>
<td>12/01/2017</td>
<td>15</td>
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<tr>
<td>The DLI Survival Guide</td>
<td>23/10/2017</td>
<td>23</td>
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<table>
<thead>
<tr>
<th>Upcoming sessions</th>
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<tbody>
<tr>
<td>The Continuum of Microdata Access</td>
<td>TBD/12/2017</td>
</tr>
<tr>
<td>2015 Canadian Community Health Survey (CCHS) – Nutrition</td>
<td>TBD/01/2018</td>
</tr>
</tbody>
</table>
DLI Survival Guide

- Comprehensive update in 2016
- Collaborative endeavor by members of the DLI Team and the PD Committee
- Sections of the Guide have been restructured and new content has been developed
- The Guide was published on the DLI Website April 2017
- Webinar delivered in October 2017

https://cudo.carleton.ca/dli-training/4121
# DLI Survival Guide

## Table of Contents

### About the DLI
- An Introduction to the DLI
- The DLI Community
- DLI Reports

### Administration
- The DLI Licence
- Password
- DLI Contacts
- DLI Training Sessions
- Travel subsidies
- Fees and Invoicing
- Withdrawing from the DLI Program

### What is my Role as a DLI Contact
- DLI Contacts
- The DLI Graphic Identifier
- Training and Professional Development

### Resources
- The dlilist
- The DLI Update Newsletter
- The DLI Training Repository
- Contacts

### Data Concepts
- About Data
- Statistical methods
- Metadata
- Aggregate Data
- Microdata
- Classification systems used at Statistics Canada

### Working with Data
- Using Microdata Files
- Statistical Analysis Software
- Using Software
- Geospatial Data
- Using Geospatial Software

### Accessing and Citing DLI Data
- What is in the DLI Collection
- Accessing DLI Data
- The DLI EFT Site
- The DLI Nesstar
- The WDS
- DLI Mirror site
- Secondary Data Distributers
- Other Sources of Data
- Citing Data

### Frequently Asked Questions

### Glossary
In 2017, the DLI collection grew with the addition of 12 new PUMF and other data products, including tables from the Interprovincial and International Trade Flows, Inter-corporate Ownership (ICO) 2017 Q2, and new sample analytical file reference periods from the Discharge Abstract Database (DAD) from Canadian Institute of Health Information (CIHI). Chart 3 presents the cumulative growth of the PUMFs in the Collection.
DLI Collection – Datasets coded in DDI

- Since April 2017, the DDI unit published 43 PUMF and 90 Public Masterfile Datasets to Nesstar.
Reports/Metrics

• New report capabilities for Nesstar usage metrics, including:
  • Frequency of visits by Institution,
  • Datasets downloaded by institution, and
  • Top 5 files downloaded from the Nesstar
## Reports/Metric Nesstars

### Top 5 files downloaded from Nesstar, 2017*

<table>
<thead>
<tr>
<th>File Name</th>
<th>Number of downloads</th>
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<tbody>
<tr>
<td>Aboriginal Peoples Survey 2012</td>
<td>731</td>
</tr>
<tr>
<td>Canadian Community Health Survey 2014 Annual Component</td>
<td>309</td>
</tr>
<tr>
<td>Census of Population 2006 Individuals File</td>
<td>240</td>
</tr>
<tr>
<td>General Social Survey 2013 Cycle 27: Social Identity</td>
<td>103</td>
</tr>
<tr>
<td>Canadian Community Health Survey 2013-2014 Annual Component</td>
<td>80</td>
</tr>
</tbody>
</table>

*January 1, 2017 to September 30, 2017
Reports/Metric Nesstars

Number of Downloads

- Atlantic: 1400 downloads
- Ontario: 400 downloads
- Quebec: 400 downloads
- Western: 800 downloads
Reports/Metric Nesstars

*excludes University of Toronto who had over one million visits
Infrastructure changes – Metadata Search platform

- Launched the Beta Search platform in Feb 2016
- Performed client consultations at Regional training events and webinar sessions
- Work with IT to address search functionality, results, and the user experience
- Recent changes include:
  - The addition of the survey title in the variable search results;
  - The addition of new filters by file Type
  - Results for French characters
Infrastructure changes – Metadata

Search surveys and statistical products

Filter results by Survey
- Aboriginal Peoples Survey (6)
- Absence from Work Survey (3)
- Access and Support to Education and Training Survey (1)
- Adult Education and Training Survey (2)
- Adult Literacy and Life Skills Survey (1)

Search DLI variables

Filter results by Survey
- Aboriginal Peoples Survey (2740)
- Absence from Work Survey (130)
- Access and Support to Education and Training Survey (189)
- Adult Education and Training Survey (173)
- Adult Literacy and Life Skills Survey (154)

You may also search DLI variables
You may also search surveys and statistical products
## Infrastructure changes – Metadata Search platform

<table>
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<tr>
<th>Month</th>
<th>Visits</th>
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<td>January</td>
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<td>February</td>
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<tr>
<td>March</td>
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<td>April</td>
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<td>May</td>
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<td>June</td>
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<td>July</td>
<td>215</td>
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<td>August</td>
<td>193</td>
</tr>
<tr>
<td>September</td>
<td>260</td>
</tr>
</tbody>
</table>
Infrastructure changes – Mhonarc archive

- Working with IT Resources to make the archive platform available to external users.
- Through consultations with Dissemination Division the unit was informed that a unilingual site is not permissible to be hosted under the Official Languages Act. As a result, the old mhnoarc listserv search module would have to be translated and a new site programmed.
- The DLI Unit sought input from the EAC whether to pursue the reinstatement of the mhonarc archive.
- Due to the financial implications, the DLI will investigate alternative options.
Priorities and projects 2017-18

- DDI Gap Coding Project
- DLI Contact and Alternate Survey
- Inventory of datasets at risk of technological obsolescence
- WDS Server transformation
- DLI Update (Newsletter)
- PUMF Discoverability
Priorities and projects 2017-18

• DDI Gap Coding Project
  • Funds have been secured over a three year reference period to support the tagging of microdata files in the Data Documentation Initiative (DDI) standard.
  • Established a metadata unit with part time student coders to apply DDI to PUMF and masterfiles as they are released
  • The metadata unit is also working with the DDI Alliance and a network of DDI users across Canada
Priorities and projects 2017-18

• DLI Contact and Alternate Survey
  • Gather the information required to evaluate the effectiveness of the services being provided
  • Survey was launched this past summer
  • Results file obtained in August
  • Preliminary results to be presented at regional training sessions this fall
Priorities and projects 2017-18

• Inventory of datasets at risk of technological obsolescence
  • Resulting from the fall 2016 EAC meeting, the DLI will commence identifying datasets within its collection that are at risk of technological obsolescence.
  • will share the inventory with members in the DLI Community, with the aim to:
    • Establish partnerships and collaborate to transforming data files
    • Ensure the long term preservation and access of the program’s digital assets.
Priorities and projects 2017-18

- Web Data Server (WDS) transformation
  - Beginning in the Spring of 2017, the DLI IT server team began a server transformation of the DLI’s WDS
  - Current environment is on a hosted server, planned to be decommissioned this summer
  - New server has been obtained and WDS software installed
  - Transition, testing and roll out is planned for fall-winter 2017
  - As a result of new dissemination requirements, the URL paths to the WDS site will need to change. Redirects to the old URLs will be applied for a period of time.
Priorities and projects 2017-18

• DLI Update (Newsletter)
  • Published since 1997, the purpose of this newsletter is to build a sense of community among DLI contacts.
  • The last issue released was in 2015
  • Send request dli-list for input
  • Anticipating launch late fall, early winter
Priorities and projects 2017-18

• PUMF Discoverability
  • Modernization initiatives
  • Drafting project proposal to obtain funds to increase the discoverability of microdata files to all user
Priorities 2018-19

- IASSIST May 29 – June 1, 2018
- National Training Day
  - Travel subsidies are available for economy transportation for one DLI Contact from each DLI member institution to attend one DLI session per FY.
Priorities 2018-19

• Modernization activities
• Seeking feedback on what you as the community advocate to your library administration are the benefits and reasons for DLI membership
DLI Update

QUESTIONS

Contact us at statcan.stcinet-dli-idd.statcan@canada.ca