

Mustafa Ornek May 22, 2019

Delivering insight through data, for a better Canada









### Introduction

- New focus on administrative & linked datasets
- Establishing more partnerships with other federal government departments, provincial governments and institutions
- Incorporating researchers' needs, facilitating custom requests when possible
- Consequently, the administrative and linked data holdings have been increasing exponentially since 2015



### What is an administrative dataset?

# Advantages:

- Not a survey... not a census
- Has information on the whole population that is covered → Not a sample!
- More accurate than self-reported figures (e.g. income, hospital visits, immigration status & type, social assistance recipients, etc.)

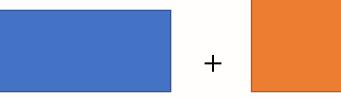
# **Challenges:**

- Not structured as well as Statistics Canada's own datasets
  - Data collection is generally not for the sake of statistical analysis
  - Requires more prep time to understand and clean the data
  - Documentations can be scarce

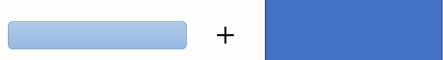


## What is a linked dataset?

• Admin to admin (to admin)



• Census to admin



• Survey to admin



### Some of our administrative datasets

- Longitudinal Administrative Databank (LAD)
- Intergenerational Income Database (IID)
- Longitudinal Immigration Database (IMDB)
- Canadian Cancer Registry (CCR)
- Canadian Vital Statistics Database (CVSD)
- A set of ESDC databases:
  - Employment Insurance Status Vector (EISV)
  - Employment Insurance Beneficiaries (EIB)
  - Record of Employment (ROE)
  - Education and Labour Market Longitudinal Linkage Platform (ELMLP)
  - Canada Student Loan Program (CSLP)
  - Canada Disability Savings Program (CDSP)
  - Apprenticeship Grants and Canada Apprenticeship Loan (AG CAL)



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### Some of our linked datasets

- IMDB DAD
- CCHS DAD
- CCHS IMDB
- CCHS CVSD
- DAD, NACRS, OMHRS-CVSD: (Discharge Abstract Database National Ambulatory Care Reporting System - Ontario Mental Health Reporting System linked to Canadian Vital Statistics Death Database)
- CVSD DAD, NACRS
- CCR-CVSD-T1PMF: (Canadian Cancer Registry linked to Canadian Vital Statistics Death Database and death information from the T1 Personal Master File)
- ERLF: (Extending the Relevance of the Longitudinal Files)
- HSUS-T1FF-CENSUS-NHS: (High System Users linked to T1 Family File Census of the Population Long-Form National Household Survey)





### Need more information?

- See these links:
  - <a href="https://crdcn.org/data">https://crdcn.org/data</a>
  - <a href="https://www.statcan.gc.ca/eng/rdc/data">https://www.statcan.gc.ca/eng/rdc/data</a>
    - → Especially, "RDC proposals requiring more data related information" section at the bottom of the page



# Thank you

• If you have any questions or comments, you can reach me at:

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