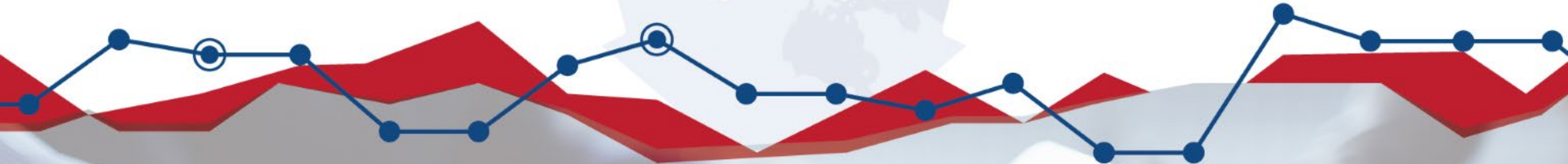


# A brief update on RDC micro-data linkages related to health and education



RDC Analyst  
Li Wang, May 16, 2024



Delivering insight through data for a better Canada



Statistics  
Canada Statistique  
Canada

Canada

# Statistics Canada Surveys Include Questions Related to Mental Health

## Mental health surveys

- **Mental Health and Access to Care Survey (MHACS)**
- **Canadian Community Health Survey – Mental Health (CCHS-MH)**
- Survey on Mental Health and Stressful Events (SMHSE)
- Survey on COVID-19 and Mental Health (SCMH)

## General health surveys

- Canadian Community Health Survey (CCHS)
- Canadian Health Survey of Children and Youth (CHSCY)
- Canadian Health Survey of Seniors (CHSS)
- Canadian Health Measures Survey (CHMS)

## Social surveys

- General Social Survey (GSS)
- Canadian Social Survey (CSS)

# Potential Research Topics – Mental Health

## Mental Health Status

- Depression
- Suicide
- Social phobia
- Generalized anxiety disorder
- Alcohol use, substance use
- Abuse and dependence
- General mental health

## Services, Supports and Needs

- Mental health services
- Virtual Care
- Medication use
- Perceived need for care
- Social provisions
- Negative social
- Interactions

## Correlates

- General health
- Impacts of COVID 19
- Health behaviours
- Family mental health
- Mental health experiences
- Childhood experiences
- Education, income, labour force status, + other socio demographic characteristics

# RDC Data Linkage Focus on Health

- Canadian Census Health and Environment Cohorts (CanCHEC) – 2011 linked to Discharge Abstract Database(DAD), NACRS, VSD, Canadian Cancer Registry(CCR)
- Canadian Community Health Survey 2000-2017 (CCHS) integrated with Census, DAD, NACRS, OMHRS, VSD and T1FF.
- CCHS linked to the Longitudinal Immigration Database (IMDB)
- Canadian Health Measurement Survey to Adverse Health Outcomes – CCR, VSD, and DAD.
- Linkage of socioeconomic and treatment data (LSTD)to CCR.
- Longitudinal Immigration Database (IMDB) linked to DAD
- Survey of Household Spending (SHS) Cancer Costs Linkage(CCR, DAD, NACRS, VSD and T1FF)

# Potential Research Topics - Linked Health Data

## Health Status

- Type of cancers
- Stage of Cancer
- General Health
- Long-term chronic conditions
- Functioning difficulties
- Specific diseases, e.g., Dementia, Heart disease, Hip replacement
- Health Utility Index
- Physical Measurement such as blood pressure, bone density, physical fitness
- Death

## Services Use

- Hospitalization
- Emergency visit
- Day procedure
- Primary care
- Walk-in Clinics
- Health care cost

## Correlates

- Unmet need
- Income inequality
- Environmental exposure
- Life style
- Social Support
- Aging
- Other socio demographic characteristics

# RDC Data Linkage Focus on Education

ELMLP- Education and Labour Market Longitudinal Platform

- Longitudinal Administrative Databank (LAD) linked to Postsecondary Student Information System (PSIS), Registered Apprenticeship Information System (RAIS)
- ELMLP + British Columbia Kindergarten to Grade 12 (census, T1FF, parent's census & T1FF)
- ELMLP + Ontario Kindergarten to Grade 12 (census, T1FF, parent's census & T1FF)

# Potential Research Topics - Linked Education Data

## Labor Market Outcome

- Employment
- Occupation
- Employment income
- Employment Stability
- Employment concordance

## Pathway

- High school graduation
- Postsecondary enrollment
- Academic achievements
- Apprenticeship persistence
- Apprenticeship Mobility
- Postsecondary completion

## Correlates

- Specific program (IEP)
- Fields of study
- Type of programs
- Student loan
- Disability sub-population
- Age, sex, region and other socio demographic characteristics

# **Thank You!**

**Further Questions:**

**Li Wang, [rdc4@mcmaster.ca](mailto:rdc4@mcmaster.ca)**