

# A tale of two linkages

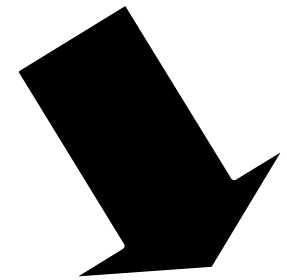
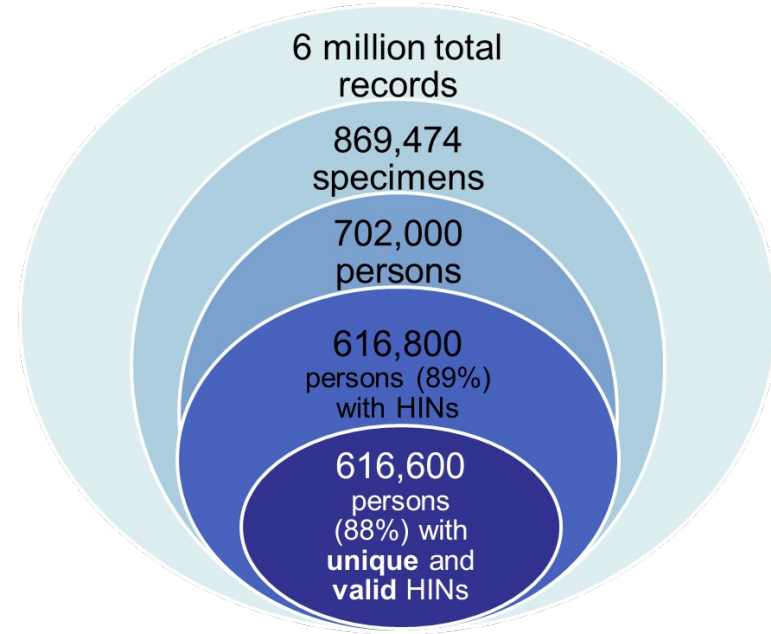
Presented by:

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# Data Linkage #1: From lab specimens to linkage: Laying the foundation for a hepatitis B study using Public Health Ontario Laboratories' Data



ICES

# Key facilitators



- **Clinical, lab** and **epidemiological expertise** key to developing a person-level lab data set
- **Collaboration** with laboratory to assess data quality and interpret complex testing data
- **Collaboration** with IM/IT key to refinement of data management strategies
- Pre-linkage **consultation** with Institute for Clinical Evaluative Sciences (ICES) to inform PHO lab data set preparation

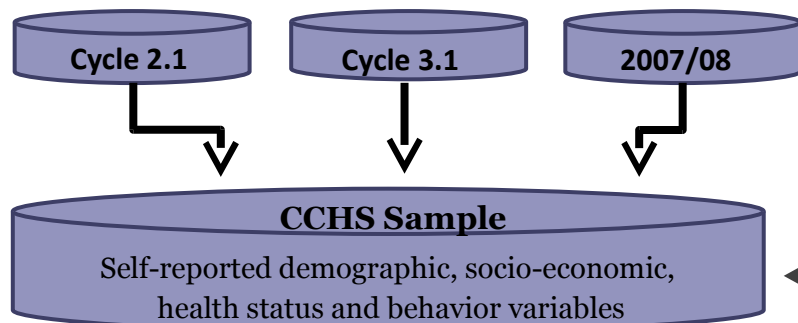
Project members: Dr. Liane MacDonald (PHO); Dr. Laura Rosella (PHO/UofT); Dr. Natasha Crowcroft (PHO); Alex Marchand-Austin (PHO); Debeka Navaranjan (PHO); Rachel Savage (PHO); Dr. Tony Mazzulli (PHO)

# Data Linkage #2:

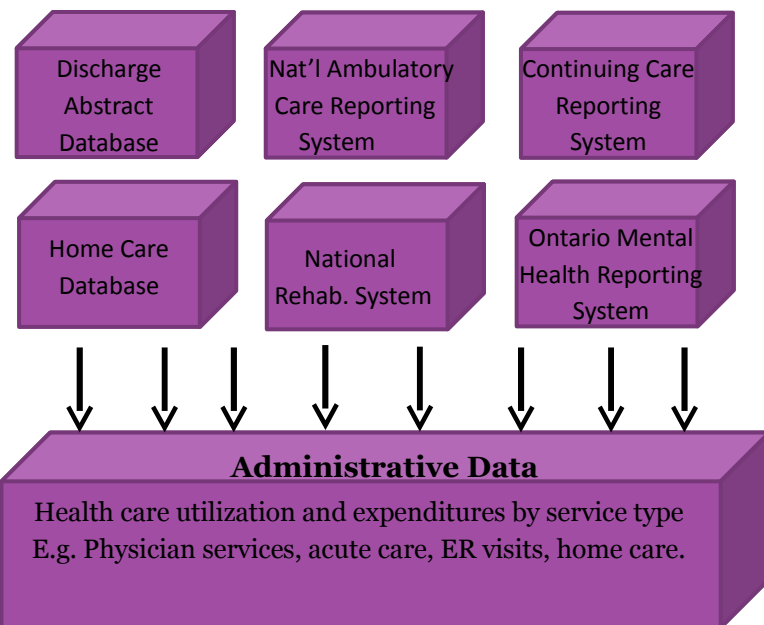
Linked health care administrative data for Ontario respondents of several cycles of the Canadian Community Health Survey (E.g. Cycle 2.1, Cycle 3.1 and CCHS 07/08).

- Risk algorithms
- Cohort studies
- Costing studies

## Survey Data



## Health Care Use Data



Linked using  
encrypted OHIP #