research informing policy:
how to make an impact

Mieke Koehoorn
http://spph.ubc.ca/person/mieke-koehoorn/

Partnership for Work, Health and Safety
School of Population and Public Health
University of British Columbia

Partnership for Work, Health and Safety

UBC — a place of mind

WORK SAFE BC
WORKING TO MAKE A DIFFERENCE

the point of the lecture

- anatomy of a partnership

- physiology of data access

- art and science of policy impact

- applauding the architects of policy partnerships and data access models

in a nutshell….key messages

- research-policy partnership is like a common-law union

- big (local) data matters for policy impact and innovation in research

- interactive models of research-policy relationship and research-use models for policy impact *(Weiss C, Bowen S, Lomas J, Lavis J et al)*
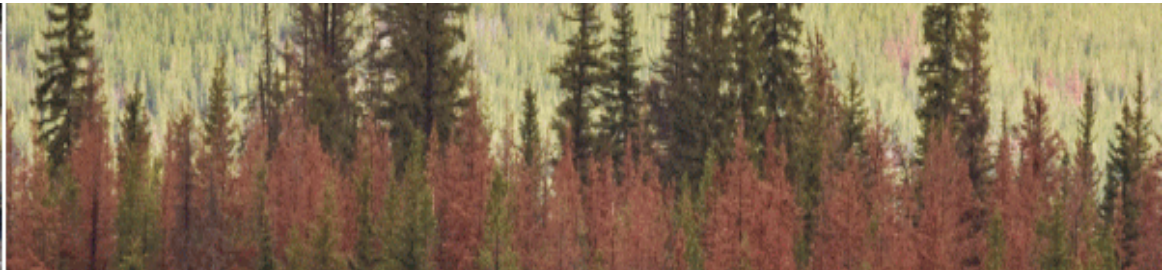
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populationdata BC

A PLATFORM SUPPORTING RESEARCH ON
HUMAN HEALTH, WELL-BEING AND DEVELOPMENT.

https://www.popdata.bc.ca

2014 International **Health Data Linkage** Conference

28-30 April 2014
Vancouver, Canada

http://www.ihdlnconference2014.org

clyde hertzman….applauding the architect
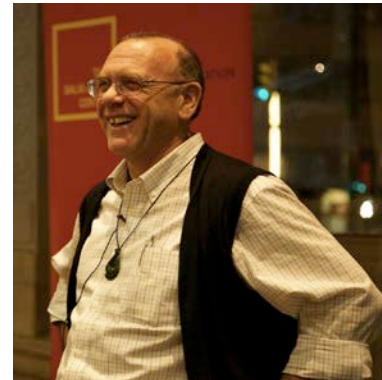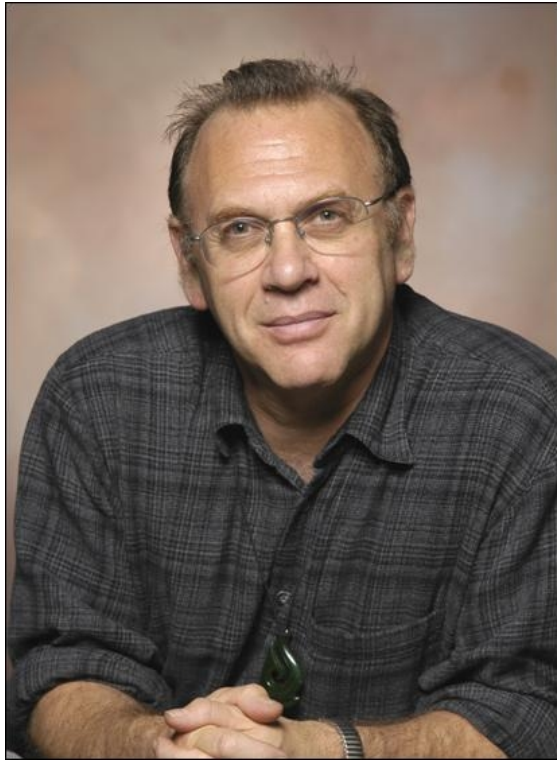
in the beginning….
proof of concept for research-policy partnership and public-utility data access model

FOR THE COMMON GOOD

FINAL REPORT OF THE ROYAL COMMISSION ON WORKERS' COMPENSATION IN BRITISH COLUMBIA

ial Welfare
Use by Injured Workers in the British Columbia
Cohort   *Clyde Hertzman, Kimberlyn McGrail, Bob Hirtle*

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Do not underestimate the importance of the proof of concept phase and the need to invest resources to build and maintain a productive policy partnership
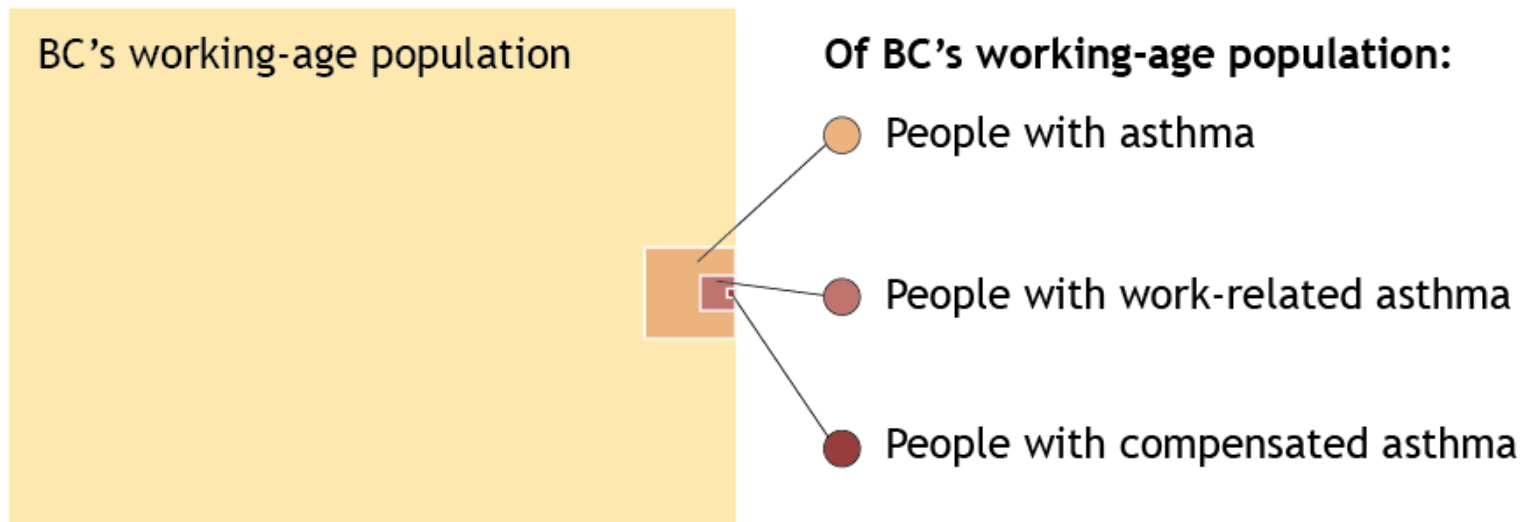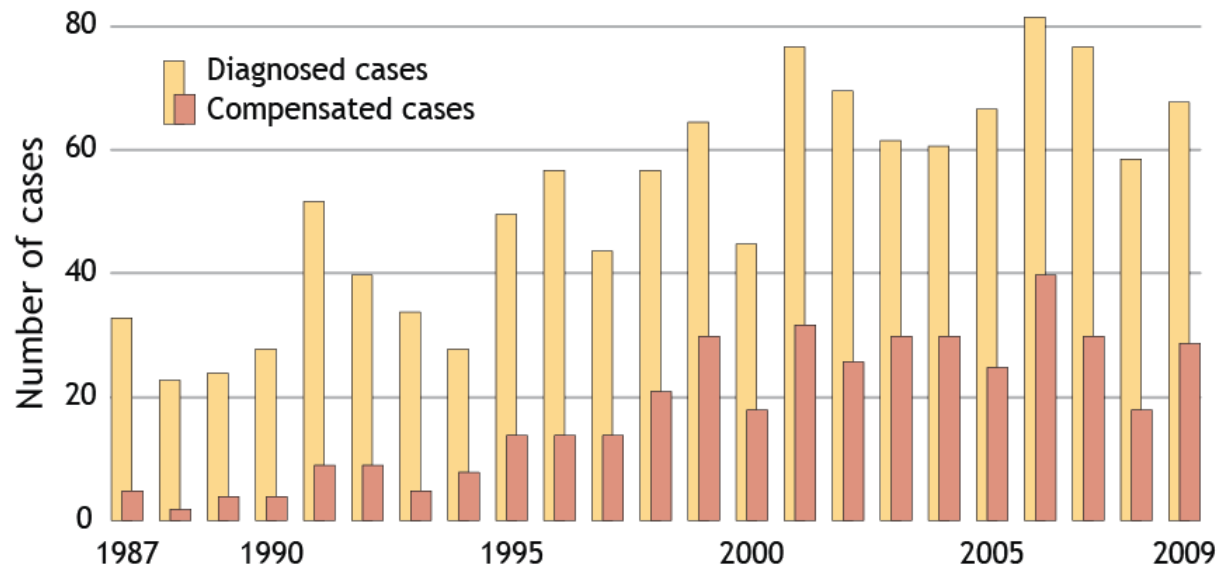
credit to research team

examples of research having an impact….

work-related asthma

BC's working-age population

Of BC's working-age population:
- People with asthma
- People with work-related asthma
- People with compensated asthma
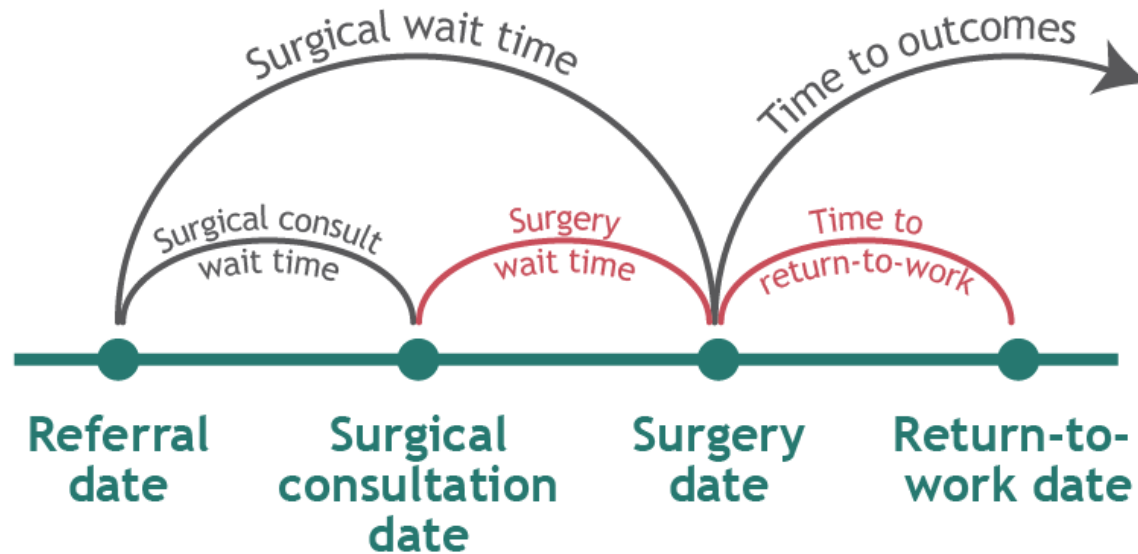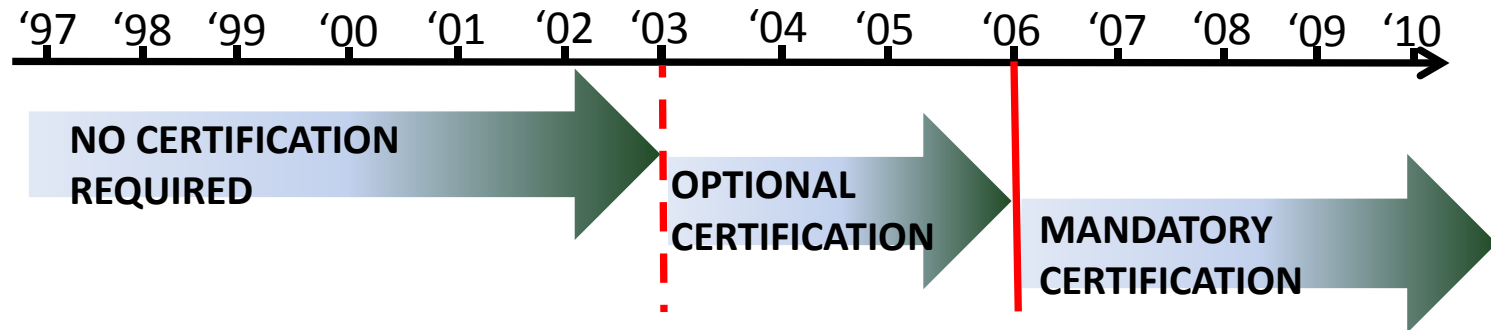
mesothelioma

asbestosis
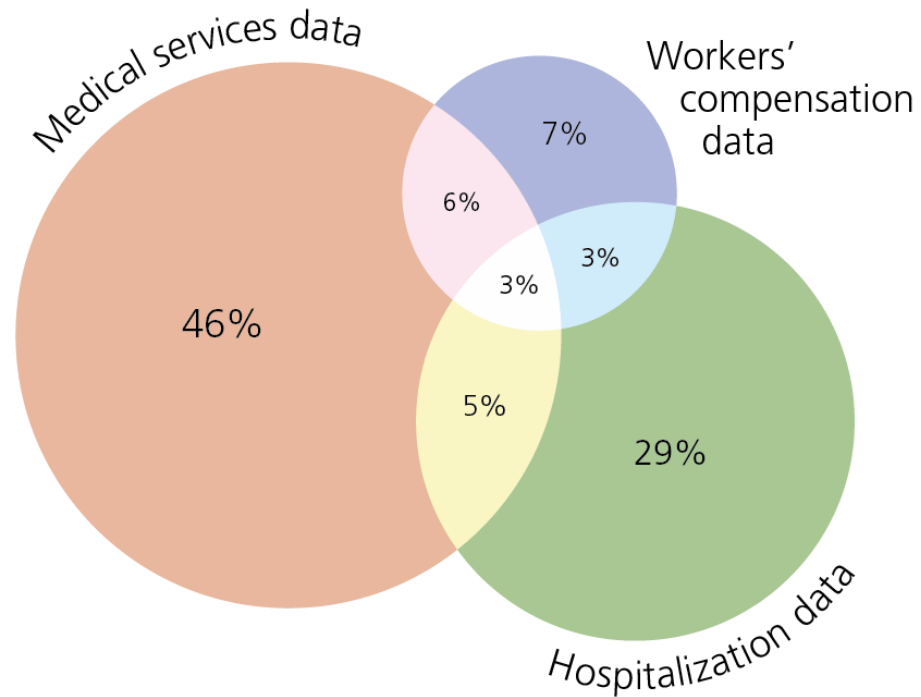
what we learned at this stage….

- early adopters critical to success of innovative partnership

- evidence within local context persuasive

- a picture paints a thousand (policy) words

- overcome unease with inherent uncertainty in research to provide timely evidence
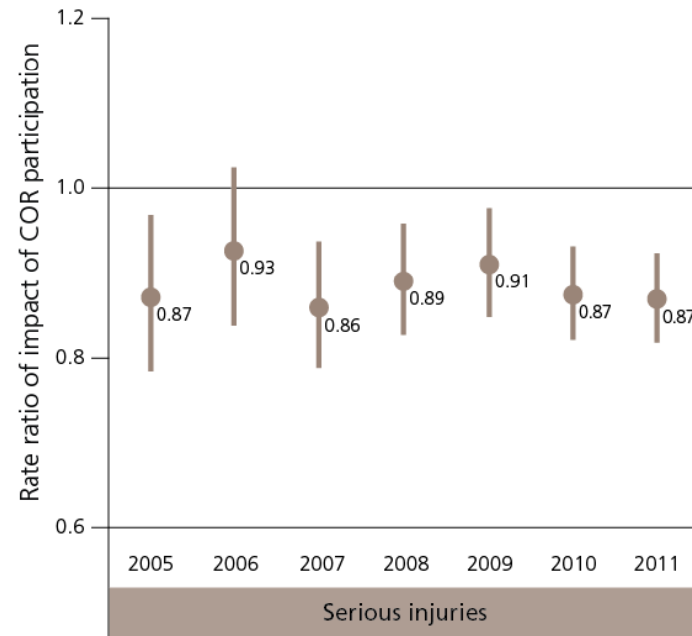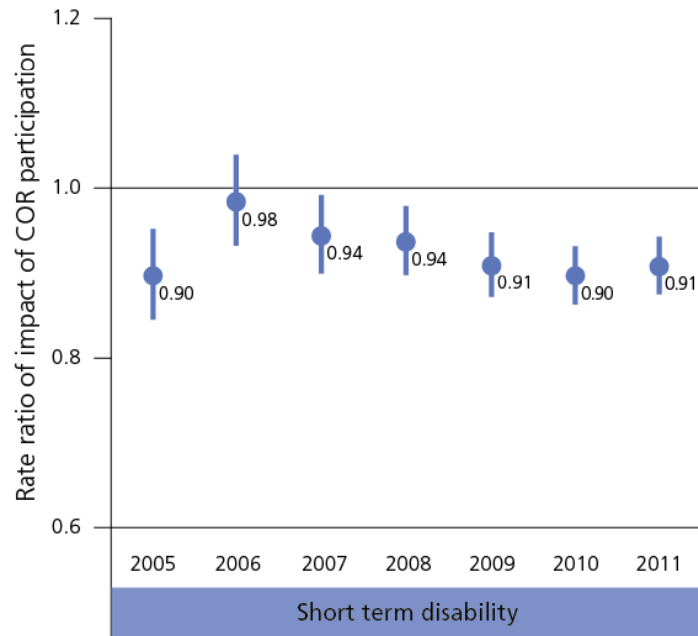
wait times and surgical settings

tree-faller certification

'97 '98 '99 '00 '01 '02 '03 '04 '05 '06 '07 '08 '09 '10

NO CERTIFICATION REQUIRED

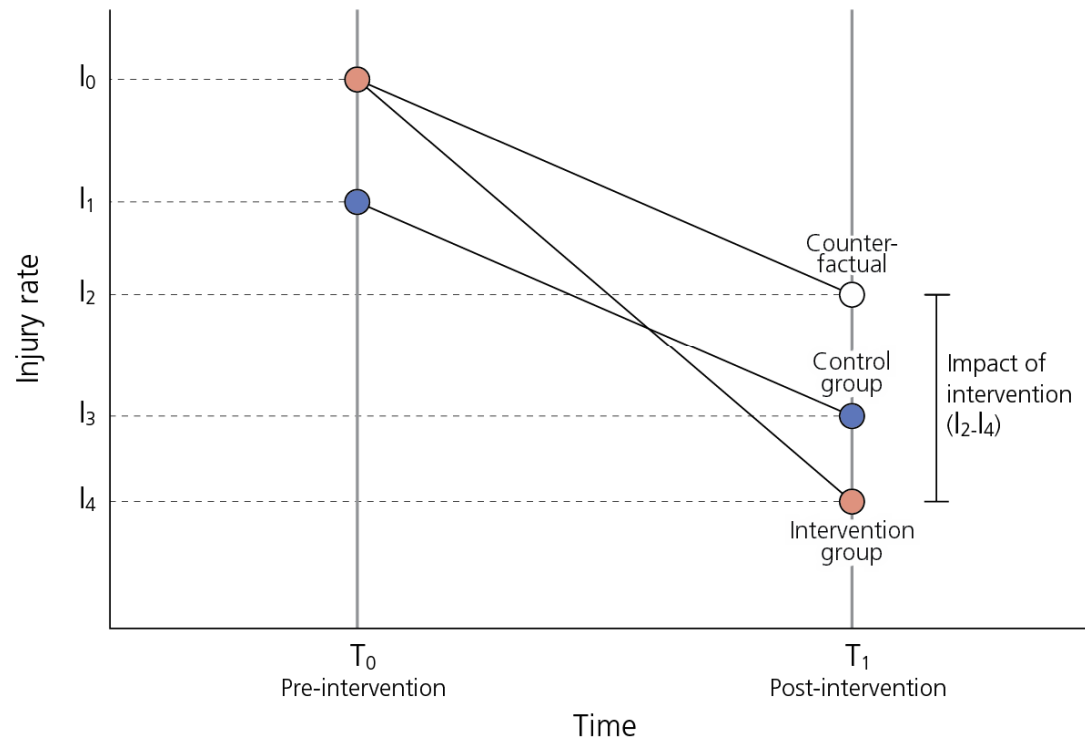**OPTIONAL CERTIFICATION**

MANDATORY CERTIFICATION

what we learned at this stage….

- responding to key knowledge and policy needs

- accessing sensitive data in secure, confidential and privacy-protected manner

- recognizing challenges of releasing findings…only after internal review

- different uses of research in policy-making with different definitions of impact

certificate of recognition *(McLeod CB et al)*

workplace inspections *(McLeod K, McLeod CB et al)*

http://pwhr.sites.olt.ubc.ca/files/2013/10/Inspections-presentation-WorkSafeBC-Sept-2013.pdf
http://pwhs.ubc.ca/research/policy-and-program-evaluation/health-and-safety-programs-and-regulations/

national and international comparative research *(McLeod CB, Collie A et al)*
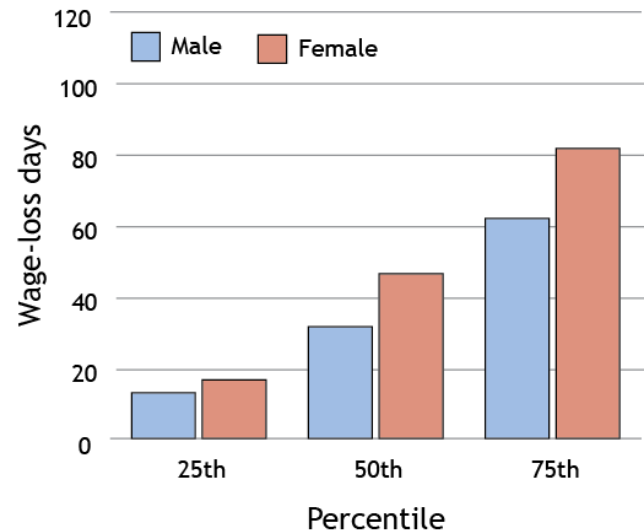
http://pwhs.ubc.ca/research/policy-and-program-evaluation/national-and-international-comparative-research/

the difference gender makes

Fractures in nursing
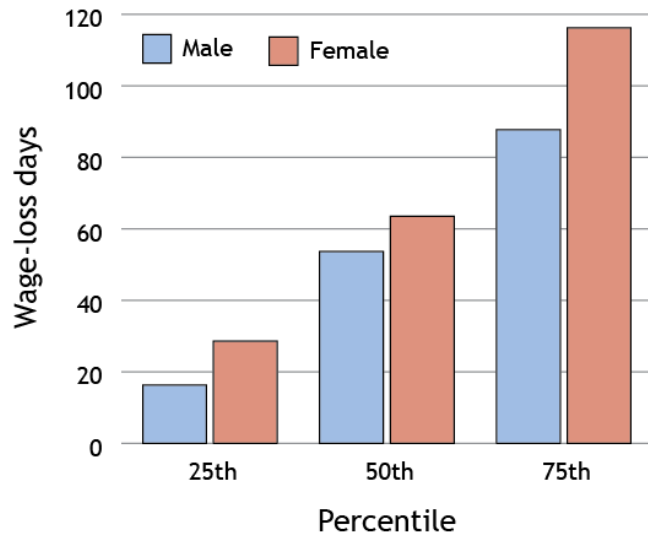
Fractures in processing, manufacturing and utilities

what we learned at this stage….

- capacity to act on evidence is about networks…*different people at the table at different points in time*

- innovation in research at trusted phase of partnership

data access models for the public good…

Health care & health services	Population & demographic	Occupational & environmental	Early childhood & education
Medical Services Plan (BC Ministry of Health)	Consolidation File (MSP Registration & Premium Billing) (BC Ministry of Health)	WorkSafeBC Claim Files (WorkSafeBC)	Early Development Instrument (HELP)
PharmaCare (BC Ministry of Health)	Births (BC Vital Statistics Agency)	WorkSafeBC Firm Level Data (WorkSafeBC)	Middle Years Development Instrument (HELP)
Hospital Separations (BC Ministry of Health)	Stillbirths (BC Vital Statistics Agency)		
Home & Community Care (BC Ministry of Health)	Marriages (BC Vital Statistics Agency)		
Mental Health (BC Ministry of Health)	Deaths (BC Vital Statistics Agency)		
Registry Data (BC Cancer Agency)	Cadastral Data (Integrated Cadastral Information Society)		
Perinatal Services Canadian Community Health Survey Cardiac Services BC BC Ambulance College of Physicans & Surgeons BC	Citizenship & Immigration Canada	WorkSafeBC Exposure Data BC Assessment	Children in Care Child Protection Childcare Licensing BC K-12 Student Standard Testing School & District

partnerships based on interactive model
(Lavis J, Lomas J, Weiss C et al)

- *ongoing and prolonged interaction between researchers and the policy-makers to generate evidence to impact decisions*

- *recognize the different types of impact that research evidence can have on policy and decision making*

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