Criminal Justice and Social Data Integration
Data in Practice: *Examining Data Systems at Work*
Innovation in Evidence Conference

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The Saskatchewan Justice System and Beyond, a demonstration project
On any given day in Saskatchewan

**On average**

- **1,244 ~** The number of *indigenous* adult males incarcerated in a provincial institution
- **2 % ~** The proportion of all *indigenous* adult males incarcerated in a provincial institution
- **403 ~** The number of *non-indigenous* adult males incarcerated in a provincial institution
- **0.1 % ~** The proportion of all *non-indigenous* adult males incarcerated in a provincial institution
Of the 37,054 people who had a contact with Saskatchewan police in 2009/10, 42% or just over 15,700 ended up appearing in a Saskatchewan court. From there, approximately 6,900 or 18% made it all the way through from policing to corrections.
Re-contact with police following correctional supervision – Youth (17 and under)

Non-Aboriginal youth = 79%
Aboriginal youth = 90%
Following them beyond the Criminal Justice System

Develop integrated, multi-agency intervention and offender management strategies to ensure better outcomes for at-risk populations.
Taking it a step further … WHAT IF?
…. using the power of microsimulation

⚠️ Projections are not predictions
What if nothing changes…?

*It is projected, ceteris paribus, that…*

- The number of people having contact with the police for a criminal offense in Saskatchewan will grow from about 37,000 people in 2011 to more than 46,000 people in 2036 ~ **an increase of 27 %**

- During the same period, the Saskatchewan population is expected to grow by about ~ **16 %**

*Source:* Demosim Justice microsimulation module pilot project, preliminary results.
Where would that growth likely be coming from – Projections, 2011-2036

Source: Demosim Justice microsimulation module pilot project, preliminary results.
What if the gap in educational attainment between Indigenous and non-Indigenous people was reduced?

It is projected, ceteris paribus that …
Number of people having contact with the police for a criminal offense – Projections, 2011-2036

Source: Demosim Justice microsimulation module pilot project, preliminary results.
Factors associated with educational attainment within Indigenous populations

- Quality of housing
- Parental educational attainment (especially mother’s)
- Family size/fertility
- Income
- Age-dependency ratio
- Remote vs. non-remote living
- Individuals in the same household having contact with the justice system versus non-contact
- Community’s educational attainment
Authority to ask for data

Section 13 of the Statistics Act authorizes the Chief Statistician to obtain any documents or records that are maintained in any department or in any municipal office, corporation, business or organization, from which information is sought in respect of the objects of the Act.

Records are used for research and statistical purposes only.
Types of barriers to data sharing and integration

- Legislative
- Technical
- Cultural
Common Issues raised

**Issues**

1. Access to youth records (kept under the YCJA)
2. Protection of Privacy and Confidentiality
3. Provision of personal identifiers
4. Position of Privacy Commissioners
5. Governing Agreements
6. Data Quality

**... and assurances**

1. Court order – Interpretation of the law
2. Protected and used only for statistical purposes (Section 17)
3. Communication of the necessity and benefits (linkage & section 13)
4. Privacy Impact Assessment
5. Documenting the agreement
6. No liability required - limited impact
Thank you

For more information, please visit
www.statcan.gc.ca

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