Data in Practice: Examining Data Systems at Work

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PolicyWise

November 15th & 16th
University of Regina, Saskatchewan
PolicyWise Theory of Change

LEAD
Inspire shared vision and action for change

CREATE
Comprehensive Understanding
Generate new evidence

MOBILIZE
Collaborative Action
Evidence-informed policy and practice to improve child and community well-being
Advance Knowledge
Connect evidence, people and practice

TRUST
Administrative data from 6 Government of Alberta ministries were linked at an individual level for all 0 to 30 year olds.

2 million+ Albertans 0 to 30 years of age
50 million+ service uses over 6 years (2005/06 to 2010/11)
20+ databases; more than 225 data elements

https://visualization.policywise.com/P2matrix/
Mental Health
Mental Health and Child Intervention

DID YOU KNOW?

1 in 5 Child Intervention clients used mental health services between 2005/06 and 2010/11 in Alberta

Between 2005/06 and 2010/11, the number of children and youth who received Child Intervention services went down from approximately 20,000 in 2005/06 to approximately 18,000 in 2010/11. In each year, about 20% of those clients received mental health services.

Specifically, relative to individuals with depression, anxiety, autism, and schizophrenia/psychoses, a higher proportion of individuals with behavior disorders received Child Intervention services (to 11% per year) between 2005/06 and 2010/11.

Disorders include attention-deficit for substance use or other.
Secondary Analysis for Generating Evidence

SAGE
Secondary Analysis to Generate Evidence
SAGE is a repository that houses quality data about child and youth development, health, and well-being. We provide services that promote good data management, increase research productivity, and expedite knowledge translation.

10 - 30% increase in citation rate

$240 billion invested annually in health research but much of the data produced is duplicate or wasted

2016 the year the Time Council urged to formally support data sharing as an integral part of research

Why researchers should share data
Sharing data through SAGE increases research productivity. We actively curate datasets and facilitate collaboration with interested researchers.

Data access is granted by a peer-review process, which may include the original researchers, to ensure scientific integrity and appropriate reuse of data.

Access users sign a legal agreement which protects the original researchers and promotes data transparency and accountability. SAGE ensures that access is granted only to qualified researchers.

We ensure the confidentiality and appropriate use of data.

Why non-profits should share data
SAGE helps non-profits by providing access to high-quality data that can help improve program development and service delivery. This can lead to increased efficiency and effectiveness.

75% of donors look for information about the non-profit’s impact prior to giving.

970 hours of a staff member’s time is saved using SAGE. The data is easy to access and manage.

$116,000 average savings at a CMHR-funded project

38% decrease in CMHR grants needed to enter project

15% decrease in turnover rates in Calgary due to SAGE

29% increase in needs for low-income families in Arizona due to SAGE

Why non-profits should share data
Let SAGE help you develop strategies to optimize the use of your data.

SAGE helps connect you and your data to researchers. The data can be used to improve service delivery, increase efficiency, and help measure your impact. This evidence can increase organizational efficiency and help attract donor funding.

You can help determine how your data is used so that they align with the mission and values of your organization. Approved users sign a legal agreement that protects client privacy and confidentiality.

We support and build capacity, helping you become more data-informed and active in policy development.

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Calgary Thrives/Data Sharing

Mount Royal University Centre for Child Well-Being

Calgary Foundation

Calgary Food Bank

CUPS Health Education Housing

Sunrise Community Link Resource Center

Families Matter

Calgary Counselling Centre

SouthWest Communities Resource Centre
Collaborating for Change
Alberta First Nations Information Governance Center and PolicyWise co-create and implement a data, research, and evaluation capacity-building, 10-month training program for community members.
Innovation: Challenges and Successes
Thank You!

Interested in collaborating? Please reach out!
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