

HRDP-SK



SCPOR

Saskatchewan Centre for
Patient-Oriented Research

Health Research Data Platform – Saskatchewan

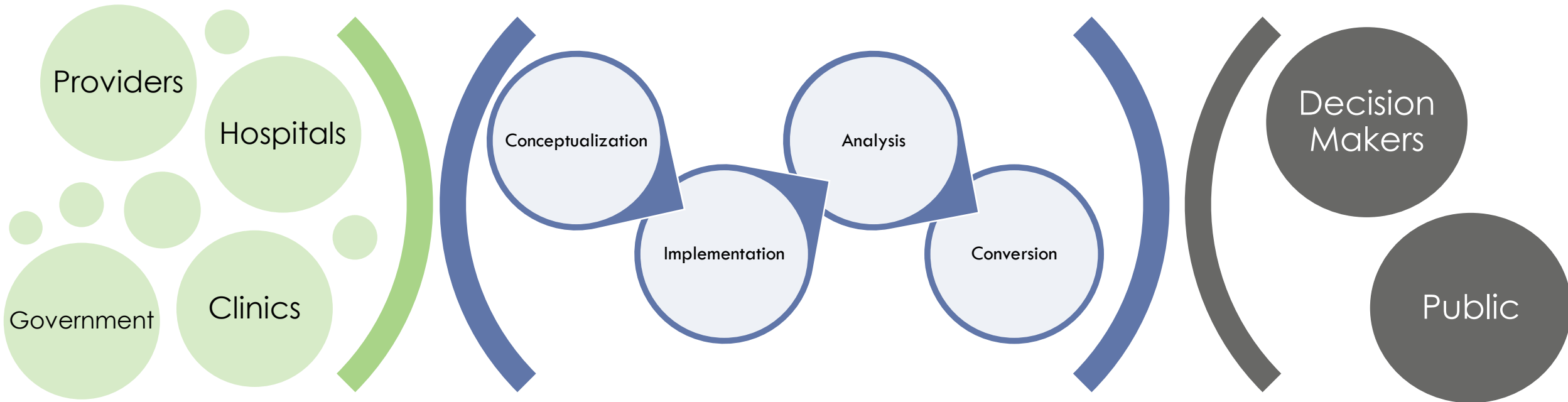
February 2024

What is the Health Research Data Platform-SK?

- The Health Research Data Platform – Saskatchewan (HRDP-SK) is Saskatchewan's first integrated health data platform that **integrates health data** into a **secure data environment** and **provides data access to researchers** in a privacy protective manner.
- HRDP-SK aligns Saskatchewan with the other provinces which all have similar data access centers.

Research Context

HRDP-SK



Data Collection

Data are collected in normal health system activities (e.g. patient records)

Research Process

Researchers may seek to use this data to answer research questions

Dissemination

The results they find can be used to inform health care decisions and inform the public.

How do we....

HRDP-SK

**...know how many people
were discharged from
Saskatchewan hospitals
last year?**

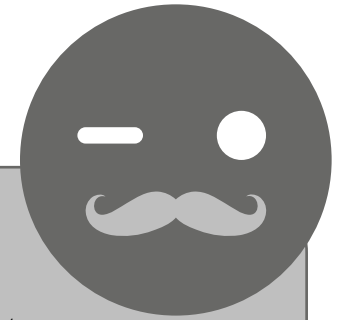
...know how many people
saw their physician for a
physical last year?

...estimate changes in
disease prevalence in
Regina over time?



This is Lisa. She...

- Was born in 2010
- Had chicken pox in 2015
- Is on amoxicillin for strep throat



Meet Joe. He...

- Was born in 1944
- Has been taking a statin for high cholesterol since 2011
- Had a hip replacement due to osteoarthritis in 2014

Sarah, here. She...

- Graduated medical school in 2007 and is a cardiologist
- Had a daughter via caesarean section in 2001
- Has Type 1 diabetes and is insulin dependant
- Spent 2 weeks in the NICU in 1984

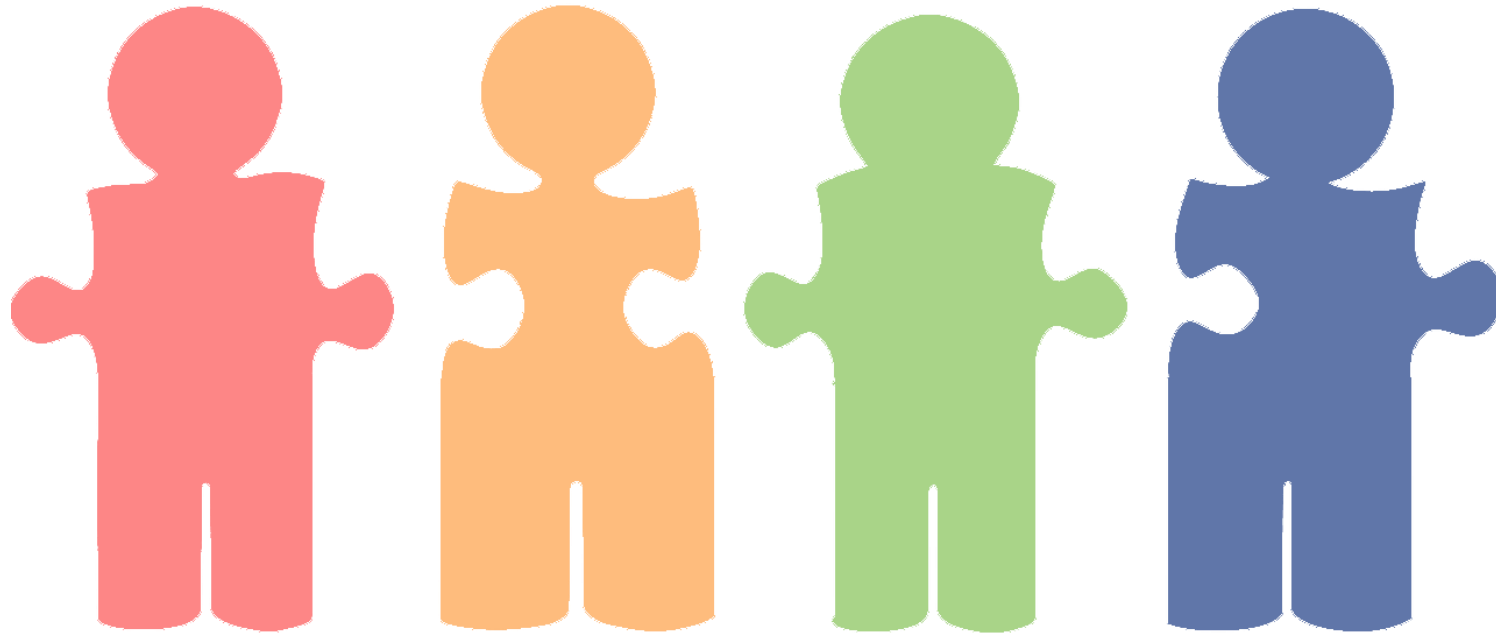




- Saskatchewan is home to > 1 million people
- Each have their own health status and medical history just like Lisa, Joe and Sarah
- Answering population-level questions means combining all of their stories
- Canada's publicly paid health care system means this information is (mostly) available from provincial data

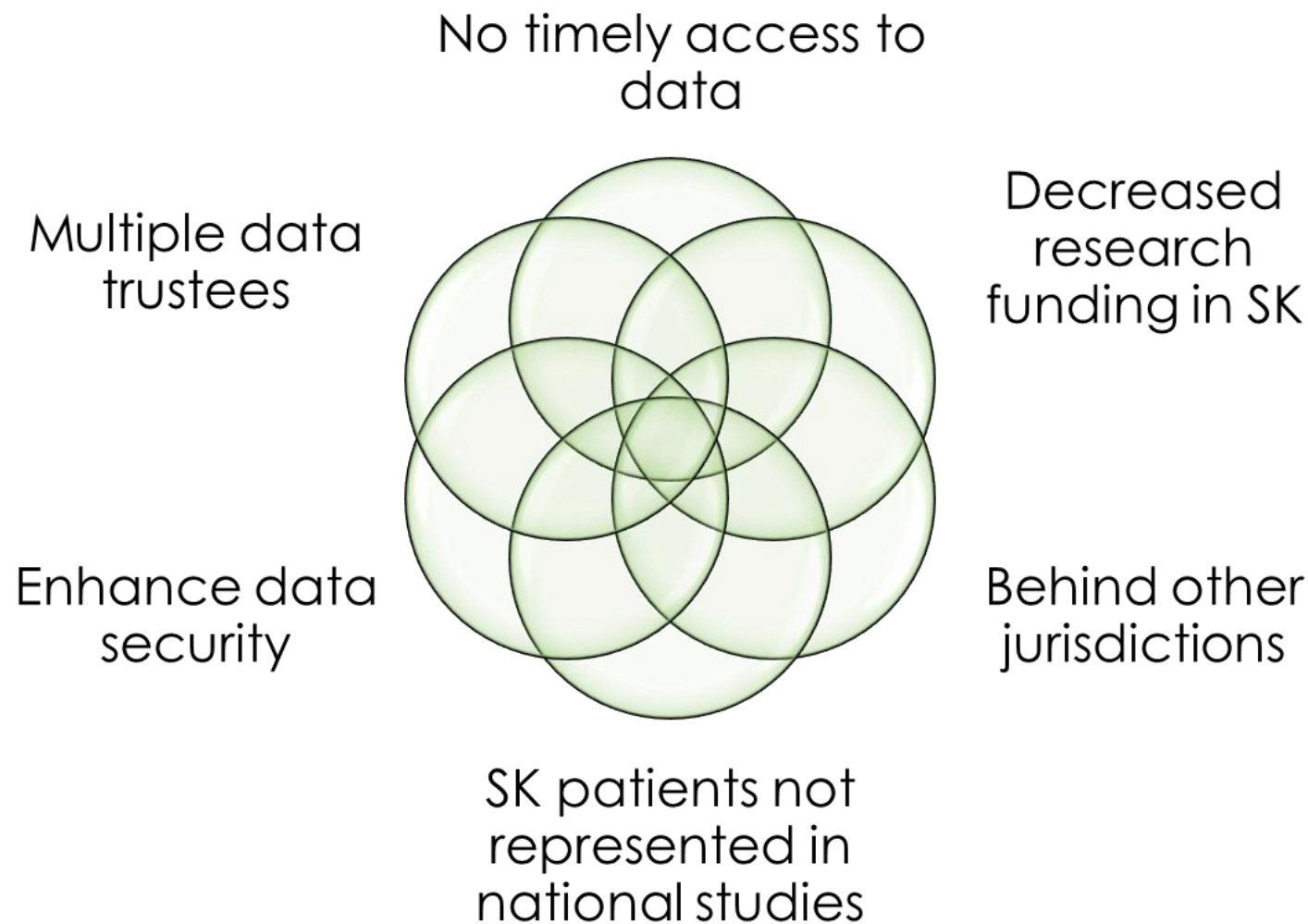
HRDP-SK

We have to piece together the data



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Why was HRDP-SK created?

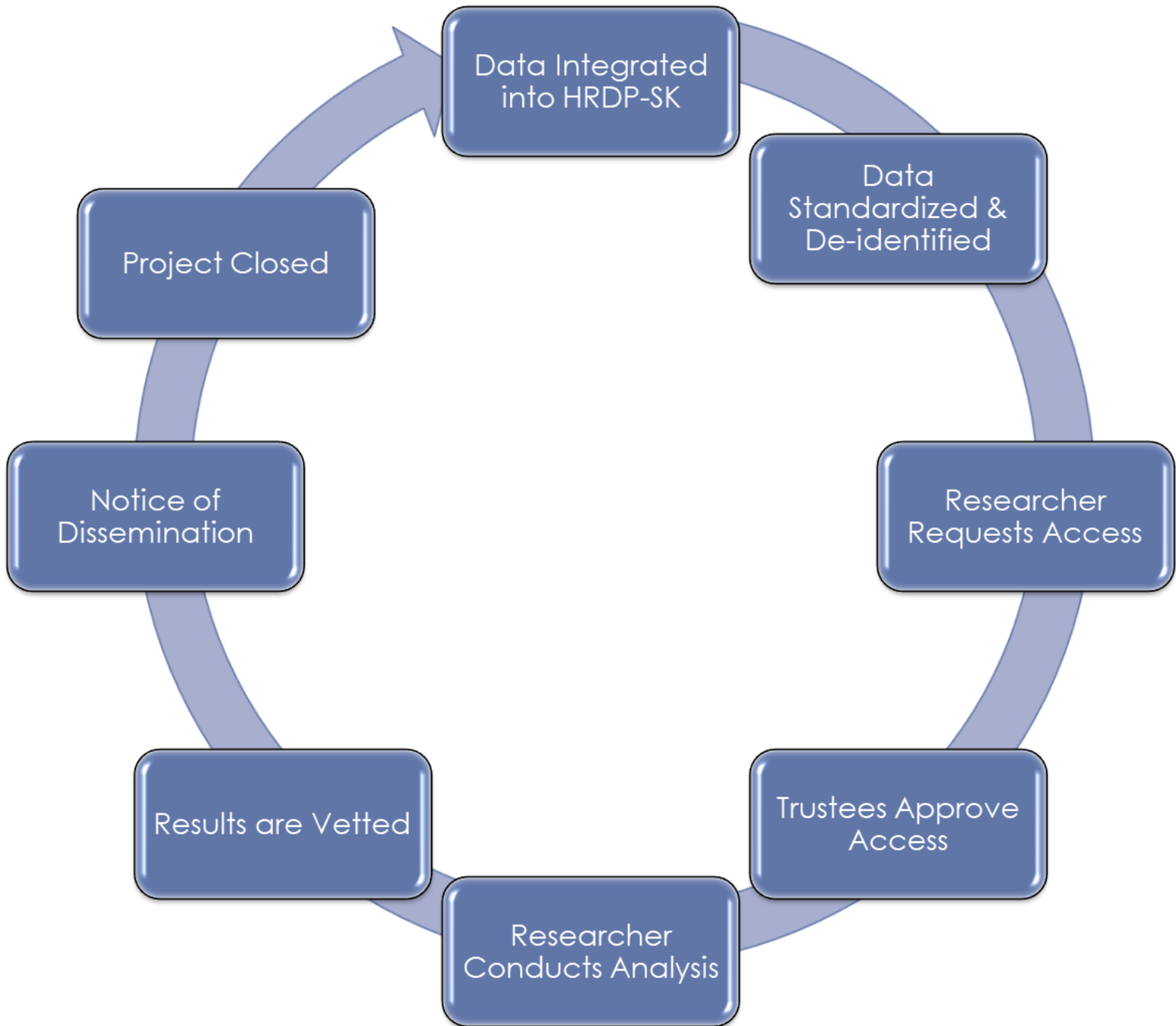


HRDP-SK

- Created by leverage funding via Saskatchewan Centre for Patient-Oriented Research (SCPOR) and the Health Research Data Network (HDRN) Canada
- The HRDP-SK has 7 partners



HRDP-SK Overview



Available Datasets



**Hospital
Discharge
Abstract
Database**



**National
Ambulatory
Care
Reporting
System**



**Prescription
Drug
Databases**



**Personal
Health
Registry
System**



**Medical
Services
Branch**

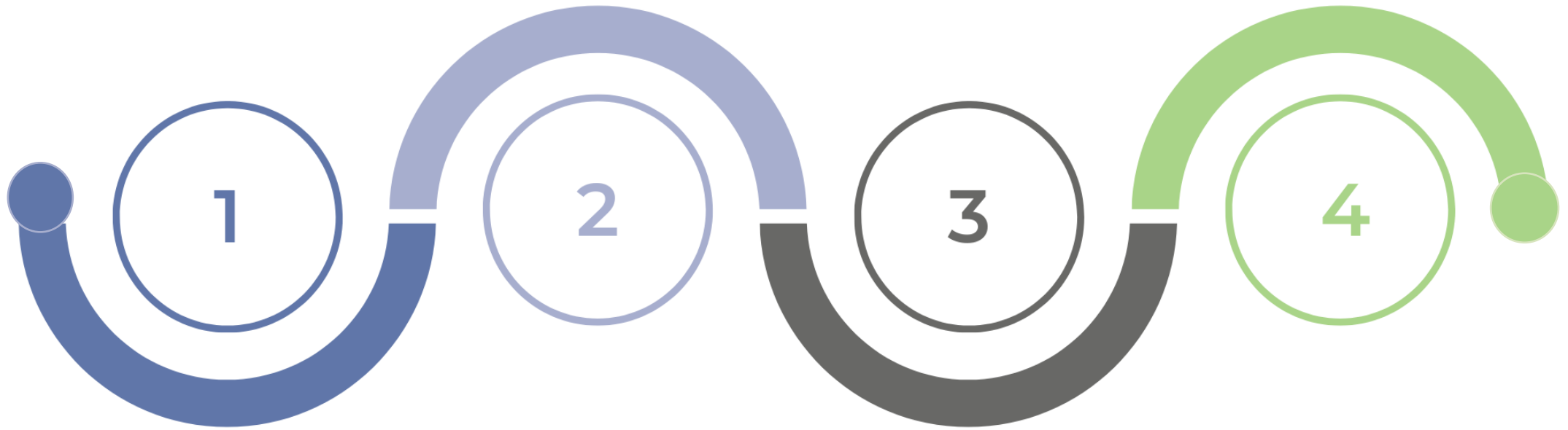
Health Research Data Network Canada

The **Data Access Support Hub (DASH)** is a one-stop data access service portal for researchers requiring multi-regional health and health-related administrative data in Canada. DASH streamlines the data access process through its centralized data access request (DAR) form and harmonizes processes to request data from multiple data repositories across the country.



Réseau de recherche sur les données de santé du Canada
Health Data Research Network Canada

Data Access Request Process



Feasibility & Resource Check

Initial review of project, letter provided for grant applications.

Assessment & Authorization

Identify data needed, create analysis plan and variable list. Ethics and Trustee Approval.

Onboard & Account Request

Users complete Privacy training. HRDP-SK assesses safety of user and approves account creation.

Access & Analyze Data

Data is linked and extracted based on the approved variable list and analysis plan. Data is put in secure environment and researcher conducts analysis.

Data Access Request Process



Vetting

Researcher requests permission to have outputs of their research transferred out of the secure research environment. HRDP-SK conducts analysis to ensure compliance with safe data use.

Notice of Dissemination

Trustees are advised by the research team of outcomes of research that will be published, presented or shared.

Project Closures

User access to data is closed. Project files are archived. Knowledge translation products are posted on HRDP-SK website.

New Projects Accepted via.....

HRDP-SK

About Us

How HRDP-SK works

Master Health Data Sharing Agreement
Data Integration
Data Access Request Process

Data Access Requests

DAR Process
Forms and Resources

Available Data

Educational Resources

Supported Projects

Information for Patient Partners

Forms & Resources

Contact Us



<https://hrdp-sk.wishpondpages.com/home/>

