

Provincial Analytic Resource Descriptions

Purpose

This document describes administrative datasets available for research, planning, policy, development, and quality improvement projects. It also provides the introduction and website links of major health analytics reports used for health planning.

1. Community Profile

The Community Profiles (Profiles) reports are intended to highlight 132 Local Geographic Areas (LGA) of need and provide relevant information to support the consistent and sustainable planning of primary health services. Each Profile offers an overview of the current health status of residents in the LGA, indicators of the area's current and future health needs, and evidence as to which quality services are needed on a timely and efficient basis to address the area's needs. A compendium of health related information on demographics, prevalence rates, emergency visits, mental health and addiction, maternal and child health and more, is included in the reports. In addition, information on indicators of need (relating to utilization, health population needs and social determinants of health) is also provided.

<http://www.health.alberta.ca/services/PHC-community-profiles.html>

2. Interactive Health Data Application (IHDA)

The Interactive Health Data Application (IHDA) provides information on health status and determinants of health in both tabular and geographic (map) formats. The IHDA contains many health statistics (indicators) on a variety of health-related topics such as demographics, mortality, chronic and infectious disease, and children's health. The IHDA site also has interactive map displays of some health data (health status, determinants of health, etc.) based on geographic locations across Alberta.

<http://www.health.alberta.ca/health-info/health-data.html>

3. Primary Care Network (PCN) Profiles

The PCN Profiles (Profiles) reports provide information on the panelled patients for each of the 41 PCNs to support sustainable business planning for primary health care services in each PCN.

Each PCN profile report provides health information on panel patients' demographics, chronic disease, maternal and child health and hospital utilization.

<http://www.health.alberta.ca/services/primary-care-networks-profiles.html>

4. Administrative Health Data

Alberta Health is the custodian of extensive, but not exhaustive, administrative data/information about the health system in Alberta. The Analytics and Performance Reporting Branch at Alberta Health processes internal and external data requests to support research, planning, policy development, and quality improvement projects.

These datasets include the information on:

- 1) Alberta Blue Cross (ABC) Claims --Health benefit data primarily on seniors and their dependents
- 2) Alberta Continuing Care Information System --Includes Long-Term Care & Community Care
- 3) Ambulatory --Includes Emergency Department visits and Day Procedures
- 4) Inpatient (DAD) -- Discharge Abstract Database/Hospital Morbidity
- 5) Pharmaceutical Information Network (PIN) Dispenses -- Pharmacy dispenses (no financial information)
- 6) Population Registry --Includes basic demographic and geographic information
- 7) Practitioner Claims -- Fee-for-Service and Shadow-billed claims
- 8) Vital Statistics – Births information for Albertans
- 9) Vital Statistics – Deaths information for Albertans
- 10) Longitudinal Demographic Profile (LDP) – Albertans’ Demographics, service utilization, chronic diseases, health status, and health costs

<https://open.alberta.ca/dataset/657ed26d-eb2c-4432-b9cb-0ca2158f165d/resource/38f47433-b33d-4d1e-b959-df312e9d9855/download/research-health-datasets.pdf>

5. Early Development Instrument Community Profile Reports

The Early Development Instrument Community Profile Reports provide local-level information on children’s developmental outcomes during the Kindergarten year, in the domains of physical health and wellbeing, social competence, emotional maturity, language and cognitive development, and communication and general knowledge. By providing information that supports an understanding of the state of children’s developmental health, the reports facilitate informed decision-making that in turn supports positive change for children’s developmental trajectories. The reports also provide local leaders and stakeholders with relevant data that can be used to inform local planning and improvement activities.

<http://ecdcoalitions.org/early-development-instrument-reports/#map3>

6. Public Health Agency of Canada: Canadian Chronic Disease Indicators (CCDI)

The CCDI are a comprehensive pan-Canadian resource on the burden of chronic diseases and associated determinants. Its main focus is Chronic Disease.

<https://infobase.phac-aspc.gc.ca/indicators/>

7. Public Health Agency of Canada: Positive Mental Health Surveillance Indicator Framework (PMHSIF)

The PMHSIF provides information positive mental health outcomes and its associated risk and protective factors. Its main focus is Positive Mental Health.

<https://infobase.phac-aspc.gc.ca/positive-mental-health/data-tool/>

8. Public Health Agency of Canada (PHAC): Physical Activity, Sedentary Behaviour and Sleep Indicators

PHAC is working on a new way of reporting on the physical activity levels of Canadians. In the past, routine reporting in Canada focused on moderate-to-vigorous levels of physical activity. Recent research has found activities at all levels of intensity can impact health. This includes moderate-to-vigorous physical activity, but also light physical activity, sedentary time (such as sitting) as well as sleep.

PHAC has created a list of key health indicators called the PASS Indicator Framework. They have worked with partners and key experts to develop this framework based on the latest evidence.

The goal of the framework is to provide Canadians with up-to-date, useful information to help them make good health choices.

<https://www.canada.ca/en/services/health/monitoring-surveillance/physical-activity-sedentary-behaviour-sleep.html>

9. AHS: Alberta Health Status Assessment, Dashboard, Surveillance & Reporting

The data contained in these reports is limited to those with AHS Tableau access.

<https://tableau.albertahealthservices.ca/#/workbooks/20202/view>

10. AHS: Zone Profiles, Planning & Performance

The data contained in these reports is limited to those with AHS Insite access.

<http://insite.albertahealthservices.ca/assets>

11. AHS ACPLF/PHSI: Cancer Community Prevention & Screening Dashboard

The goal of this dashboard is to make it easier to find and use comprehensive and interactive cancer profiles for communities in Alberta.

<http://www.albertapreventscancer.ca/alberta-prevention-data/community-data-dashboard/>

12. Alberta Health: Alberta Environmental Public Health Information Network (AEPHIN)

The AEPHIN provides user-friendly and interactive presentations of various types of environmental monitoring and public health data in Alberta. Here Albertans can understand and learn about environmental factors that may have a direct or indirect impact on their overall health. This data base serves as the hub for ongoing collection, integration, analysis, interpretation and dissemination of environmental health and public health data generated by AH and the GoA.

<http://aephin.alberta.ca/socio/>

14. Government of Alberta: Alberta Regional Dashboard

The Alberta Regional Dashboard helps answer your questions about living, working, investing and doing business in Alberta's diverse regions.

<https://regionaldashboard.alberta.ca/#/>