

Alberta SPOR SUPPORT Unit – Data and Research Services AHS Dataset Availability

Dataset	Description	Key Variables	Earliest Data	Update Frequency	Additional Notes
Discharge Abstract Database (DAD)	Acute care inpatient hospitalizations in Alberta	-Mode of arrival -Length of stay -Up to 25 diagnoses (ICD-10-CA codes) -Up to 20 interventions (CCI codes) -Critical care unit admission -Patient/provider service -Discharge disposition	April 1, 2002	Monthly (1-2 month lag)	
Admission Discharge Transfer (ADT)	Patient transfers and location within hospital	-Bed/Room/unit -Timestamps	Feb 1, 2020	Daily (1 day lag)	Data for some regions are available before 2020.
National Ambulatory Care Reporting System (NACRS)	Ambulatory encounters in Alberta, including emergency department, same-day surgery, and day procedures.	Emergency department data: -Mode of arrival -Triage level / CTAS -Length of stay -Up to 10 diagnoses (ICD-10-CA codes) -Up to 10 interventions (CCI codes) -Visit Disposition	April 1, 2002	Monthly (1-2 month lag)	The Ambulatory Care Reporting System was used prior to April 2010 – data is largely comparable to NACRS.
Emergency Department Information System (EDIS)	Emergency department visits including supplementary information compared to NACRS.	-Presenting complaint -Patient location in ED -Visit timestamps	April 1, 2010	Daily (1 day lag)	Not available for full province.
Pharmaceutical Information Network (PIN)	Prescription drugs dispensed from most community pharmacies in Alberta.	-Drug identification number (DIN) -Quantity dispensed -Days supply	April 1, 2008	Weekly (1-2 week lag)	
Practitioner Claims	Health service claims submitted for payment by providers in Alberta under the Alberta Health Care Insurance Plan.	-Provider specialty -Facility type -Up to 3 diagnoses (ICD-9 codes)	April 1, 1994	Monthly (3-4 month lag)	Requires permission from Alberta Health for research purposes.
Laboratory	All AHS general lab tests including clinical chemistry, toxicology, hematology, serology, urinalysis and immunology.	-Lab type -Lab result	April 1, 2012	Weekly (1-2 week lag)	Data for some regions are available since January 2009.
Provincial Registry	Identifies whether people have coverage with Alberta Health Care Insurance Plan (AHCIP) and can be used to identify deaths for	-Date of death -AHCIP Coverage for each fiscal year	April 1, 1994	Yearly (1-2 year lag)	

	Alberta residents.				
Vital Statistics	Identifies dates of death for Alberta residents	-Date of death -Cause of death (ICD-10 codes)	Jan 1, 1999	Daily (3 month lag)	
Diagnostic Imaging	Diagnostic images performed in AHS hospital based facilities	-Encounter type -Time stamps -Exam priority -Modality -Body part -CPEL description	Jan 1, 2011	Daily (7 day lag)	Textual reports and digitized images are not available.
Alberta Continuing Care Information System (ACCIS)	Continuing care stays including long-term care (LTC), designated supportive living (DSL) and home-living (HL)	-Admission and discharge date -Facility -Level of care -RAI assessments	Jan 1, 2012	Monthly (1-2 month lag)	
COVID-19 Data (CDOM and PROVLAB)	PROVLAB captures COVID testing data in Alberta while CDOM captures public health assessments and contact tracing.	-Testing date -Test result -Type of test -Symptoms -Symptom onset date	Feb 1, 2020	Daily	
Connect Care	Connect Care is the provincial electronic medical record.	-Data availability on a case by case basis	Nov 3, 2019	Daily	Available on a limited basis due to staged provincial rollout
Other Datasets	Other datasets will be added in the future, and may currently be available on a limited basis.				