

# Indicator Library

## Welcome to CIHI's Indicator Library

This library brings together metadata for health indicators in a convenient location on CIHI's website. For each indicator, definitions, methodologies and characteristics such as reporting level are summarized in a standard template. Indicator results can also be accessed from hyperlinks provided in the library. The indicators in the library are organized according to CIHI's [Health System Performance Measurement Framework](#), but the tool also allows you to search for indicators by [areas of need](#) and reporting levels

- [View Indicators](#)
- [Search by Indicator Keyword](#)

Refine Indicator List

Select one or more categories of interest to refine indicator list

Health System Performance (HSP) Framework

### 1. Social Determinants of Health

Social and economic factors that influence the health of the population and inequalities in health

- 1.1 - Structural factors influencing health
- 1.2 - Biological, material, psychosocial and behavioural factors

### 2. Health System Inputs and Characteristics

Resources and characteristics that frame the health system

- 2.1 - Leadership and governance
- 2.2 - Health system resources
- 2.3 - Efficient allocation of resources
- 2.4 - Adjustment to population health needs
- 2.5 - Health system innovation and learning capacity

### 3. Health System Outputs

Characteristics of the health services (or outputs) produced by the health system

- 3.1 - Access to comprehensive, high-quality health services
- 3.2 - Person-centred
- 3.3 - Safe
- 3.4 - Appropriate and effective
- 3.5 - Efficiently delivered

## Areas of Need

- A - Staying Healthy
- B - Getting Better
- C - Living With Illness, Disability or Reduced Function
- D - Coping With End of Life

### 4. Health System Outcomes

High-level outcomes and goals of the health system

- 4.1 - Improve health status of Canadians
- 4.2 - Improve health system responsiveness
- 4.3 - Improve value for money

Refine Indicator List [Clear All](#)

Each column can be sorted (alphabetically or numerically) by selecting the column header (press Enter on your keyboard). Select the column header again to reverse the sorting order.

Showing all indicators

Reporting Levels

Indicator	HSP Framework	Areas of Need	Equity	National	Prov./Terr.	Region	Facility
<a href="#">30-Day Acute Myocardial Infarction In-Hospital Mortality</a>	3.4 Appropriate and effective	B Getting better	Yes	Yes	Yes	Yes	No
<a href="#">30-Day Acute Myocardial Infarction Readmission</a>	3.4 Appropriate and effective	B Getting better	Yes	Yes	Yes	Yes	No
<a href="#">30-Day All-Cause Readmission Rate After Isolated Coronary Artery Bypass Graft (CABG)</a>	3.4 Appropriate and effective	B Getting better	No	Yes	Yes	No	Yes
<a href="#">30-Day All-Cause Readmission Rate After Percutaneous</a>	3.4 Appropriate and	B	No	Yes	Yes	No	Yes

<b>Coronary Intervention (PCI)</b>	effective	Getting better						
<b>30-Day In-Hospital Mortality After Coronary Artery Bypass Graft (CABG) and Aortic Valve Replacement (AVR)</b>	3.4 Appropriate and effective	B Getting better	No	Yes	Yes	No	Yes	
<b>30-Day In-Hospital Mortality After Isolated Aortic Valve Replacement (AVR)</b>	3.4 Appropriate and effective	B Getting better	No	Yes	Yes	No	Yes	
<b>30-Day In-Hospital Mortality After Isolated Coronary Artery Bypass Graft (CABG)</b>	3.4 Appropriate and effective	B Getting better	No	Yes	Yes	No	Yes	
<b>30-Day In-Hospital Mortality After Percutaneous Coronary Intervention (PCI)</b>	3.4 Appropriate and effective	B Getting better	No	Yes	Yes	No	Yes	
<b>30-Day Readmission for Mental Illness</b>	3.2 Person-centred	C Living with illness, disability or reduced function	Yes	Yes	Yes	Yes	No	
<b>30-Day Readmission for Mental Illness, Age 15+ (General Hospital Only)</b>	3.2 Person-centred	C Living with illness, disability or reduced function	Yes	Yes	Yes	Yes	No	
<b>30-Day Readmission for Mood Disorders</b>	3.2 Person-centred	C Living with illness, disability or reduced function	No	Yes	Yes	Yes	No	
<b>30-Day Stroke In-Hospital Mortality</b>	3.4 Appropriate and effective	B Getting better	Yes	Yes	Yes	Yes	No	
<b>Administrative Expense</b>	2.3 Efficient allocation of resources	-	No	Yes	Yes	Yes	Yes	
<b>Age-Adjusted Public Spending per Person</b>	2.2 Health system resources	-	No	No	Yes	No	No	
<b>All Patients Readmitted to Hospital</b>	3.4 Appropriate and effective	B Getting better	No	Yes	Yes	Yes	Yes	
<b>Ambulatory Care Sensitive Conditions</b>	3.4 Appropriate and effective	C Living with illness, disability or reduced function	Yes	Yes	Yes	Yes	No	
<b>Assisted Delivery Rate (Overall) Among Vaginal Deliveries</b>	2.4 Adjustment to population health needs	-	No	Yes	Yes	Yes	No	
<b>Asthma Emergency Department Visits: Volume and Median Length of Stay</b>	3.4 Appropriate and effective	C Living with illness, disability or reduced function	No	No	No	No	No	
<b>Average Gross Clinical Payment per Physician</b>	2.2 Health system resources	-	No	No	Yes	No	No	
<b>Average Number of Drug Classes Used by Seniors on Public Drug Programs</b>	3.4 Appropriate and effective	C Living with illness, disability or reduced function	No	No	Yes	No	No	
<b>Avoidable Deaths</b>	4.1 Improve health status of Canadians	-	No	Yes	Yes	Yes	No	
<b>Avoidable Deaths From Preventable Causes</b>	4.1 Improve health status of Canadians	-	No	Yes	Yes	Yes	No	
	4.1							

<b>Avoidable Deaths From Treatable Causes</b>	Improve health status of Canadians	-	No	Yes	Yes	Yes	No
<b>Breastfeeding Initiation</b>	3.4 Appropriate and effective	A Staying healthy	No	Yes	Yes	Yes	No
<b>Caesarean Section Rate</b>	3.4 Appropriate and effective	B Getting better	No	Yes	Yes	Yes	No
<b>Cardiac Revascularization Rate</b>	2.2 Health system resources	-	No	Yes	Yes	Yes	No
<b>Children Vulnerable in Areas of Early Development</b>	4.1 Improve health status of Canadians	-	No	Yes	Yes	Yes	No
<b>Coronary Artery Bypass Graft (CABG) Rate</b>	2.2 Health system resources	-	No	Yes	Yes	Yes	No
<b>Cost of a Standard Hospital Stay</b>	3.5 Efficiently delivered	B Getting better	No	Yes	Yes	Yes	Yes
<b>Days Waiting for Admission to Inpatient Rehabilitation</b>	3.1 Access to comprehensive, high-quality health services	B Getting better	No	Yes	Yes	No	No
<b>Emergency Department Wait Time for Inpatient Bed (Hours, Percentile)</b>	3.1 Access to comprehensive, high-quality health services	B Getting better	No	Yes	Yes	Yes	Yes
<b>Emergency Department Wait Time for Physician Initial Assessment (90% Spent Less, in Hours)</b>	3.1 Access to comprehensive, high-quality health services	B Getting better	No	Yes	Yes	Yes	Yes
<b>Epidural Rate for Vaginal Deliveries</b>	2.4 Adjustment to population health needs	-	No	Yes	Yes	Yes	No
<b>Experiencing Pain in Long-Term Care</b>	3.4 Appropriate and effective	C Living with illness, disability or reduced function	No	No	Yes	Yes	No
<b>Experiencing Worsened Pain in Long-Term Care</b>	3.4 Appropriate and effective	C Living with illness, disability or reduced function	No	No	Yes	No	No
<b>Falls in the Last 30 Days in Long-Term Care</b>	3.3 Safe	C Living with illness, disability or reduced function	No	No	Yes	No	No
<b>Final Treatment Modality for End-Stage Kidney Disease (ESKD) Patients on December 31</b>	4.1 Improve health status of Canadians	-	No	Yes	Yes	No	No
<b>Has a Regular Health Care Provider</b>	3.1 Access to comprehensive, high-quality health services	B Getting better	No	Yes	Yes	Yes	No
<b>Health Care Provider Supply by Employment Status and Type of Provider, per 100,000 Population</b>	2.3 Efficient allocation of resources	-	No	Yes	Yes	Yes	No
<b>Health Care Providers Employed in Direct Care by Type of Provider, Health Region and Jurisdiction</b>	2.3 Efficient allocation of resources	-	No	Yes	Yes	Yes	No
<b>Health Care Providers Employed in Direct Care per 100,000</b>	2.3 Efficient allocation of resources	-	No	Yes	Yes	Yes	No

<b>Population, by Health Region and Jurisdiction</b>	resources							
<b>Health Care Providers Employed in Direct Care per 100,000 Population, by Type of Provider and Jurisdiction</b>	2.3 Efficient allocation of resources	-	No	Yes	Yes	Yes	Yes	No
<b>Health Care Providers Employed in Direct Care, by Age Group</b>	2.2 Health system resources	-	No	Yes	Yes	Yes	Yes	No
<b>Health Care Providers Employed in Direct Care, by Place of Work and Type of Provider</b>	2.2 Health system resources	-	No	Yes	Yes	Yes	Yes	No
<b>Health Care Providers Licensed in Canada and Employed in Direct Care, by Country of Graduation and Type of Provider</b>	2.2 Health system resources	-	No	Yes	Yes	Yes	Yes	No
<b>Heavy Drinking</b>	1.2 Biological material, psychosocial and behavioural factors of health	-	No	Yes	Yes	Yes	Yes	No
<b>High Users of Hospital Beds</b>	3.4 Appropriate and effective	-	No	Yes	Yes	Yes	Yes	No
<b>Hip Fracture Surgery Within 48 Hours</b>	3.1 Access to comprehensive, high-quality health services	B Getting better	No	Yes	Yes	Yes	Yes	Yes
<b>Hip Replacement Rate</b>	2.2 Health system resources	-	No	Yes	Yes	No	No	No
<b>Hospital Deaths (HSMR)</b>	3.4 Appropriate and effective	B Getting better	No	Yes	Yes	Yes	Yes	Yes
<b>Hospital Deaths Following Major Surgery</b>	3.4 Appropriate and effective	B Getting better	No	Yes	Yes	Yes	Yes	Yes
<b>Hospital Harm</b>	3.3 Safe	B Getting better	No	Yes	Yes	Yes	Yes	Yes
<b>Hospitalizations Entirely Caused by Alcohol</b>	4.1 Improve health status of Canadians	A Staying healthy	No	Yes	Yes	Yes	Yes	No
<b>Hospitalized Heart Attacks</b>	4.1 Improve health status of Canadians	-	No	Yes	Yes	Yes	Yes	No
<b>Hospitalized Hip Fracture Event</b>	3.4 Appropriate and effective	A Staying healthy	Yes	Yes	Yes	Yes	Yes	No
<b>Hospitalized Strokes</b>	4.1 Improve health status of Canadians	-	No	Yes	Yes	Yes	Yes	No
<b>Hysterectomy Rate</b>	2.2 Health system resources	-	No	Yes	Yes	Yes	Yes	No
<b>Improved Physical Functioning in Long-Term Care</b>	3.4 Appropriate and effective	C Living with illness, disability or reduced function	No	No	Yes	No	No	No
<b>In-Hospital Hip Fracture in Elderly (65+) Patients</b>	3.3 Safe	B Getting better	No	Yes	Yes	Yes	Yes	Yes
<b>In-Hospital Sepsis</b>	3.3 Safe	B Getting better	No	Yes	Yes	Yes	Yes	Yes
<b>Incidence of End-Stage Kidney Disease (ESKD), by Age Group, Sex, Province, Rate per Million Population</b>	4.1 Improve health status of Canadians	-	No	Yes	Yes	No	No	No
<b>Incidence of End-Stage Kidney Disease (ESKD), by Primary Diagnosis</b>	4.1 Improve health status of Canadians	-	No	No	Yes	No	No	No
<b>Inflow/Outflow Ratio</b>	3.2 Person-centred	B Getting better	No	No	No	Yes	No	No

<b>Influenza Immunization for Seniors</b>	3.4 Appropriate and effective	A Staying healthy	No	Yes	Yes	Yes	No
<b>Injury Hospitalization</b>	4.1 Improve health status of Canadians	-	No	Yes	Yes	Yes	No
<b>Inpatient Rehabilitation Length of Stay Efficiency</b>	3.5 Efficiently delivered	B Getting better	No	Yes	Yes	No	No
<b>Joint Replacement Wait Times</b>	3.1 Access to comprehensive, high-quality health services	B Getting better	No	Yes	Yes	Yes	No
<b>Knee Replacement Rate</b>	2.2 Health system resources	-	No	Yes	Yes	No	No
<b>Life Expectancy at Age 65</b>	4.1 Improve health status of Canadians	-	Yes	Yes	Yes	Yes	No
<b>Life Expectancy at Birth</b>	4.1 Improve health status of Canadians	-	Yes	Yes	Yes	Yes	No
<b>Low Birth Weight Rate (&lt;2,500 Grams, Excluding &lt;500 Grams)</b>	4.1 Improve health status of Canadians	-	No	Yes	Yes	Yes	No
<b>Low-Risk Caesarean Sections</b>	3.4 Appropriate and effective	B Getting better	No	Yes	Yes	Yes	Yes
<b>Medical Patients Readmitted to Hospital</b>	3.4 Appropriate and effective	B Getting better	Yes	Yes	Yes	Yes	Yes
<b>Mental Health General Hospital Inpatient Separations as a Percentage (Pan-Canadian) of All General Hospital Inpatient Separations, by Province, Diagnosis Category, Sex and/or Age Group</b>	2.2 Health system resources	-	No	Yes	Yes	No	No
<b>Mental Illness Hospitalization</b>	3.2 Person-centred	C Living with illness, disability or reduced function	Yes	Yes	Yes	Yes	No
<b>Mental Illness Patient Days</b>	3.2 Person-centred	C Living with illness, disability or reduced function	Yes	Yes	Yes	Yes	No
<b>Nursing-Sensitive Adverse Events for Medical Patients</b>	3.3 Safe	B Getting better	No	Yes	Yes	Yes	Yes
<b>Nursing-Sensitive Adverse Events for Surgical Patients</b>	3.3 Safe	B Getting better	No	Yes	Yes	Yes	Yes
<b>Obesity (Age 18 and Older)</b>	1.2 Biological material, psychosocial and behavioural factors of health	-	No	Yes	Yes	Yes	No
<b>Obstetric Patients Readmitted to Hospital</b>	3.4 Appropriate and effective	B Getting better	Yes	Yes	Yes	Yes	Yes
<b>Obstetric Trauma (With Instrument)</b>	3.3 Safe	B Getting better	No	Yes	Yes	Yes	Yes
<b>Obstetric Trauma: Vaginal Delivery Without Instrument</b>	3.3 Safe	B Getting better	No	Yes	Yes	Yes	Yes
<b>Organ Donors, by Donor Type, Sex and Province</b>	4.1 Improve health status of Canadians	-	No	Yes	Yes	No	No
<b>Pan-Canadian Age-Standardized (or Crude) Mental Illness Separations per 100,000 Population, by Province and/or Region</b>	2.2 Health system resources	-	No	No	Yes	Yes	No
<b>Pan-Canadian Percentage of Total Days Stayed in General Hospitals for Mental Illness, by Province, Diagnosis</b>	2.2 Health system	-	No	Yes	Yes	No	No

Category, Sex and/or Age Group	resources							
Patient Flow for Hip Replacement	3.2 Person-centred	B Getting better	No	No	No	Yes	No	
Patients 19 and Younger Readmitted to Hospital	3.4 Appropriate and effective	B Getting better	Yes	Yes	Yes	Yes	Yes	
Patients With Repeat Hospitalization for Mental Illness, Age 15+ (General Hospital Only)	3.2 Person-centred	C Living with illness, disability or reduced function	No	Yes	Yes	Yes	No	
Perceived Health	4.1 Improve health status of Canadians	-	No	Yes	Yes	Yes	No	
Percentage of Claims Accepted by Public Drug Programs for Generic Drugs	2.3 Efficient allocation of resources	-	No	No	Yes	No	No	
Percentage of Prescribed Drug Spending Financed by Public Sector	2.2 Health system resources	-	No	Yes	Yes	No	No	
Percentage of Public Drug Program Spending on Generic Drugs	2.3 Efficient allocation of resources	-	No	No	Yes	No	No	
Percentage of Residents Who Had a Newly Occurring Stage 2 to 4 Pressure Ulcer	3.3 Safe	C Living with illness, disability or reduced function	No	No	Yes	Yes	No	
Percentage of Residents Whose Behavioural Symptoms Improved	3.4 Appropriate and effective	C Living with illness, disability or reduced function	No	No	Yes	Yes	No	
Percentage of Residents Whose Behavioural Symptoms Worsened	3.4 Appropriate and effective	C Living with illness, disability or reduced function	No	No	Yes	No	No	
Percentage of Residents Whose Bladder Continence Worsened	3.4 Appropriate and effective	C Living with illness, disability or reduced function	No	No	Yes	No	No	
Percentage of Seniors on Public Drug Programs With Accepted Claims	2.5 Health system innovation and learning capacity	-	No	No	Yes	No	No	
Percentage Rate of Chronic Beers Drug Use Among Seniors on Public Drug Programs	3.4 Appropriate and effective	C Living with illness, disability or reduced function	No	No	Yes	No	No	
Percutaneous Coronary Intervention (PCI) Volume by Province and Centre	3.4 Appropriate and effective	B Getting better	No	Yes	Yes	No	Yes	
Percutaneous Coronary Intervention Rate	2.2 Health system resources	-	No	Yes	Yes	Yes	No	
Physical Activity (Age 18 and Older)	1.2 Biological material, psychosocial and behavioural factors of health	-	No	Yes	Yes	Yes	No	
Physicians per 100,000 Population, by Specialty	2.2 Health system resources	-	No	Yes	Yes	Yes	No	
Potentially Inappropriate Medication Prescribed to Seniors	3.4 Appropriate and	C Living with illness, disability	No	No	Yes	No	No	

Potentially Inappropriate Use of Antipsychotics in Long-Term Care	3.2 Person-centred	effective or reduced function C Living with illness, disability or reduced function	No	No	Yes	Yes	No
Prescribed Drug Spending per Capita	2.2 Health system resources	-	No	Yes	Yes	No	No
Proportion of Physicians in Rural Areas	2.2 Health system resources	-	No	Yes	Yes	No	No
Radiation Treatment Wait Times	3.1 Access to comprehensive, high-quality health services	B Getting better	No	Yes	Yes	No	No
Ratio of Health Care Providers Employed in Direct Care to Supply, by Type of Provider	2.2 Health system resources	-	No	Yes	Yes	Yes	No
Repeat Hospital Stays for Mental Illness	3.2 Person-centred	C Living with illness, disability or reduced function	No	Yes	Yes	Yes	No
Restraint Use in Long-Term Care	3.2 Person-centred	C Living with illness, disability or reduced function	No	No	Yes	No	No
Self-Injury Hospitalization	4.1 Improve health status of Canadians	-	Yes	Yes	Yes	Yes	No
Small for Gestational Age Rate	4.1 Improve health status of Canadians	-	No	Yes	Yes	Yes	No
Smoking	1.2 Biological material, psychosocial and behavioural factors of health	-	No	Yes	Yes	Yes	No
Surgical Patients Readmitted to Hospital	3.4 Appropriate and effective	B Getting better	Yes	Yes	Yes	Yes	Yes
Time in Emergency Department Until Disposition Decision (Hours, Percentile)	3.1 Access to comprehensive, high-quality health services	B Getting better	No	Yes	Yes	Yes	Yes
Total Time Spent in Emergency Department (Hours, Percentile)	3.1 Access to comprehensive, high-quality health services	B Getting better	No	Yes	Yes	Yes	Yes
Total Time Spent in Emergency Department for Admitted Patients (90% Spent Less, in Hours)	3.1 Access to comprehensive, high-quality health services	B Getting better	No	Yes	Yes	Yes	Yes
Total Time Spent in Emergency Department for Non-Admitted Patients (Hours, Percentile)	3.1 Access to comprehensive, high-quality health services	B Getting better	No	Yes	Yes	No	No
Transplants, by Organ Type	2.2 Health system resources	-	No	No	Yes	No	No
	3.1						

<b>Wait Time for Hip Fracture Surgery, Age 65+ (Proportion With Surgery Within 48 Hours)</b>	Access to comprehensive, high-quality health services 3.1	B Getting better	No	Yes	Yes	Yes	Yes
<b>Wait Times for Bypass Surgery</b>	Access to comprehensive, high-quality health services 3.1	B Getting better	No	Yes	Yes	No	No
<b>Wait Times for Cataract Surgery (Percentage Meeting Benchmark)</b>	Access to comprehensive, high-quality health services 3.1	B Getting better	No	Yes	Yes	No	No
<b>Wait Times for Cataract Surgery (Percentiles)</b>	Access to comprehensive, high-quality health services 3.1	B Getting better	No	Yes	Yes	No	No
<b>Wait Times for CT Scan</b>	Access to comprehensive, high-quality health services 3.1	B Getting better	No	No	Yes	No	No
<b>Wait Times for Hip Fracture Repair: From ED Registration (Percentage Meeting Benchmark)</b>	Access to comprehensive, high-quality health services 3.1	B Getting better	No	No	Yes	No	No
<b>Wait Times for Hip Fracture Repair: From ED Registration (Percentiles)</b>	Access to comprehensive, high-quality health services 3.1	B Getting better	No	No	Yes	No	No
<b>Wait Times for Hip Replacement (Percentage Meeting Benchmark)</b>	Access to comprehensive, high-quality health services 3.1	B Getting better	No	Yes	Yes	Yes	No
<b>Wait Times for Hip Replacement (Percentiles)</b>	Access to comprehensive, high-quality health services 3.1	B Getting better	No	Yes	Yes	Yes	No
<b>Wait Times for Knee Replacement (Percentage Meeting Benchmark)</b>	Access to comprehensive, high-quality health services 3.1	B Getting better	No	Yes	Yes	Yes	No
<b>Wait Times for Knee Replacement (Percentiles)</b>	Access to comprehensive, high-quality health services 3.1	B Getting better	No	Yes	Yes	Yes	No
<b>Wait Times for MRI Scan</b>	Access to comprehensive, high-quality health services 3.1	B Getting better	No	No	Yes	No	No
<b>Wait Times for Radiation Therapy (Percentiles)</b>	Access to comprehensive, high-quality health services 3.1	B Getting better	No	Yes	Yes	No	No
<b>Worsened Depressive Mood in Long-Term Care</b>	3.4 Appropriate and effective	C Living with illness, disability or reduced function C	No	No	Yes	No	No



<b>Worsened Physical Functioning in Long-Term Care</b>	3.4 Appropriate and effective	Living with illness, disability or reduced function	No	No	Yes	Yes	No
<b>Worsened Pressure Ulcer in Long-Term Care</b>	3.3 Safe	C Living with illness, disability or reduced function	No	No	Yes	No	No

Enter keywords in the search box below.

- Multiple keywords can be searched for by using the "OR" operator. *For example, to search for the keywords "mortality" and "readmission," type "mortality OR readmission" into the search box.*
- Indicators on the [Your Health System](#) web tool can be searched for by typing "Your Health System" into the search box.