

Patient Flow for Hip Replacement

Name	Patient Flow for Hip Replacement
Short/Other Names	Not applicable
Description	<p>This indicator is a ratio, calculated as the number of separations (discharges and deaths) from acute care/same-day surgery facilities within a given region divided by the number of acute care/same-day surgery separations generated by residents of that region.</p> <p>For further details, please see the General Methodology Notes.</p>
Interpretation	<p>A ratio of less than 1 indicates that health care utilization by residents of a region exceeded care provided within that region, suggesting an outflow effect. A ratio of greater than 1 indicates that care provided by a region exceeded the utilization by its residents, suggesting an inflow effect. A ratio of 1 indicates that care provided by a region was equivalent to the utilization by its residents, suggesting that inflow and outflow activity, if it existed at all, was balanced. A ratio of 0 is an indication that none of the institutions in the region provided the service and residents received care outside of their region.</p>
HSP Framework Dimension	Health System Outputs: Person-centred
Areas of Need	Getting Better
Geographic Coverage	All provinces/territories
Reporting Level/Disaggregation	Region
Indicator Results	Accessing Indicator Results on Your Health System: In Depth

Identifying Information

Name	Patient Flow for Hip Replacement
Short/Other Names	Not applicable
Indicator Description and Calculation	
Description	<p>This indicator is a ratio, calculated as the number of separations (discharges and deaths) from acute care/same-day surgery facilities within a given region divided by the number of acute care/same-day surgery separations generated by residents of that region.</p> <p>For further details, please see the General Methodology Notes.</p> <p>The indicator is expressed as an overall ratio, calculated for hip replacement.</p>
Calculation: Description	Ratio = Number in numerator ÷ Number in denominator
	Unit of Analysis: Single admission
Calculation: Geographic Assignment	Place of residence or service
Calculation: Type of Measurement	Ratio
Calculation: Adjustment Applied	None
Calculation: Method of Adjustment	Not applicable
Denominator	<p>Description: Number of separations (discharges and deaths) from acute care or same-day surgery facilities generated by residents of the region for hip replacement</p> <p>Inclusions: CCI: 1.VA.53.^^ (excluding 1VA53LASLN and 1VA53LLSLN when intervention status attribute does not equal R), 1.SQ.53.^^</p> <p>Note that procedure codes may be recorded in any position.</p> <p>Description: Number of separations (discharges and deaths) from acute care or same-day surgery facilities within a given region (including non-residents) for hip replacement</p>
Numerator	<p>Inclusions: CCI: 1.VA.53.^^ (excluding 1VA53LASLN and 1VA53LLSLN when intervention status attribute does not equal R), 1.SQ.53.^^</p> <p>Note that procedure codes may be recorded in any position.</p>

Background, Interpretation and Benchmarks

Rationale This indicator reflects the balance between the quantity of hospital stays provided to both residents and non-residents by all relevant facilities (acute care/same-day surgery) in a given region and the extent of utilization by residents of that region, whether they received care within or outside of the region.

Interpretation A ratio of less than 1 indicates that health care utilization by residents of a region exceeded care provided within that region, suggesting an outflow effect. A ratio of greater than 1 indicates that care provided by a region exceeded the utilization by its residents, suggesting an inflow effect. A ratio of 1 indicates that care provided by a region was equivalent to the utilization by its residents, suggesting that inflow and outflow activity, if it existed at all, was balanced. A ratio of 0 is an indication that none of the institutions in the region provided the service and residents received care outside of their region.

HSP Framework Dimension Health System Outputs: Person-centred

Areas of Need Getting Better

Targets/Benchmarks Not applicable

References Not applicable

Availability of Data Sources and Results

Data Sources DAD, HMDB

Type of Year:

Fiscal

Available Data Years First Available Year:

2010

Last Available Year:

2017

Geographic Coverage All provinces/territories

Reporting Level/Disaggregation Region

Result Updates

Update Frequency Every year

Web Tool:

Indicator Results Your Health System: In Depth

URL:

Accessing Indicator Results on Your Health System: In Depth

Updates Not applicable

Quality Statement

Caveats and Limitations Not applicable

Trending Issues Beginning with 2015–2016 data, separations include hip replacements performed in day surgery settings; comparability with previous years is not affected.

Beginning with 2015–2016 data, cement spacers are excluded from hip replacement cases when they are not revisions; comparability with previous years is not affected.

Comments Results for this indicator are also available in

–The Health Indicators e-Publication: <http://yourhealthsystem.cihi.ca/epub/?language=en>

Note: The indicator's name is displayed as Inflow/Outflow Hip Replacement in the Health Indicators e-Publication tool; data is updated annually starting from 2010–2011.