

Canadian Joint Replacement Registry Update

CJRR coverage, 2020–2021

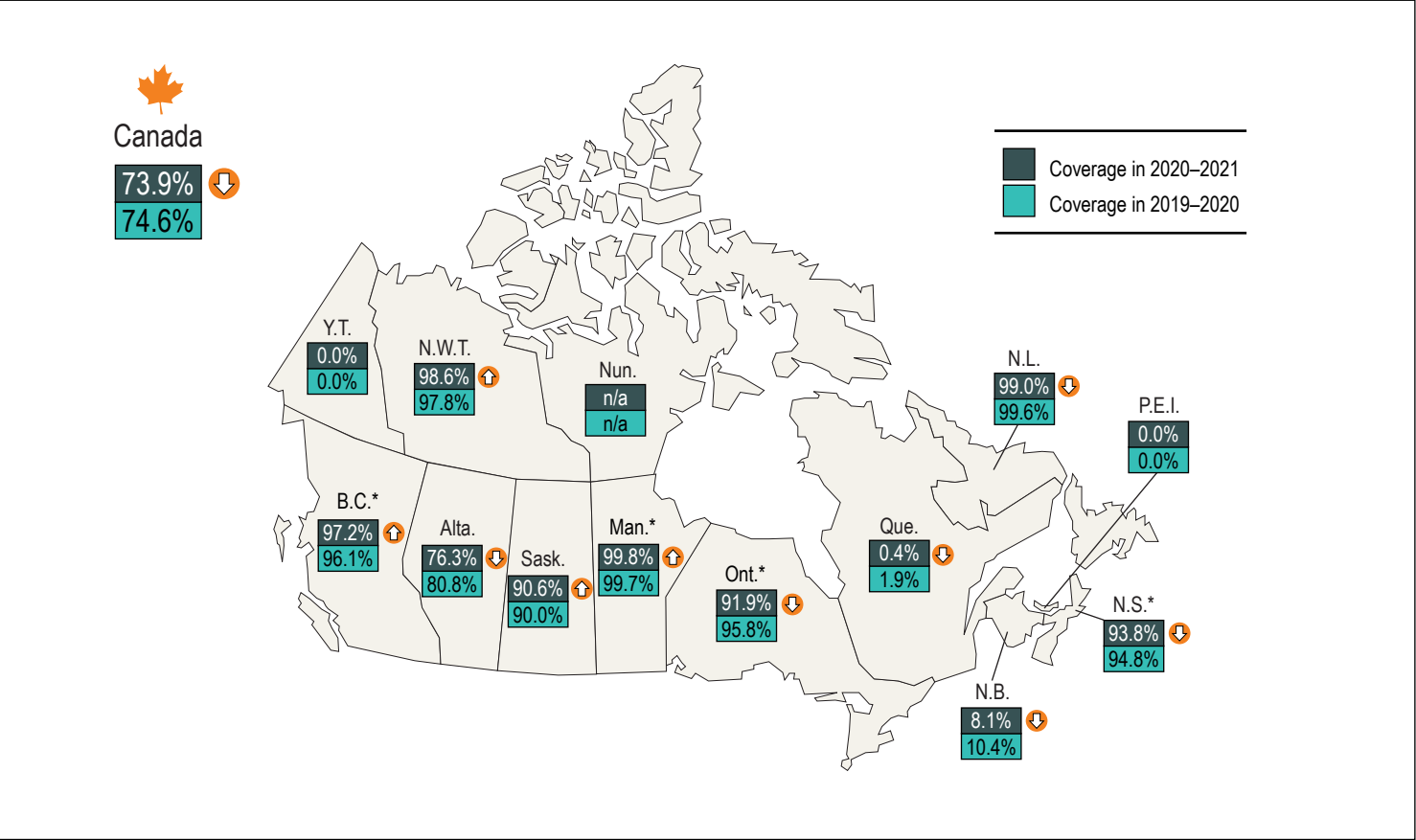
Thank you to all Canadian Joint Replacement Registry (CJRR) data providers for your ongoing efforts to collect and submit CJRR data in a timely manner. We have now closed the 2020–2021 CJRR data for next year's annual reporting, including procedures from April 1, 2020, to March 31, 2021.

In 2020–2021, national capture of hip and knee prosthesis data was 73.9%, a small decrease from 74.6% in 2019–2020.

With the COVID-19 pandemic disrupting planned surgeries, fewer hip and knee replacements were done in 2020–2021 compared with the previous fiscal year. As well, more of these surgeries were done as day surgeries, leading to lower overall coverage. Not all day surgery prosthesis data can be submitted to the Canadian Institute for Health Information (CIHI) at this time due to differences in data collection across jurisdictions. CIHI is currently working on enabling CJRR submissions to the National Ambulatory Care Reporting System (NACRS) for 2022–2023. Additional information will be provided to vendors and data submitters in the coming months.



Figure CJRR prosthesis coverage, 2020–2021



Notes

* Mandated submission.

n/a: Not applicable.

For all jurisdictions, the denominator is based on the 2020–2021 Discharge Abstract Database–Hospital Morbidity Database and the 2020–2021 National Ambulatory Care Reporting System.

Sources

Canadian Joint Replacement Registry, Discharge Abstract Database, National Ambulatory Care Reporting System and Hospital Morbidity Database, 2020–2021, Canadian Institute for Health Information.

Recent CJRR product releases

[CJRR annual report: Hip and knee replacements in Canada](#)

This release provides annual statistics on hip and knee replacements performed in Canada in 2019–2020, as well as clinical findings based on revision risk curves.

[Data Quality Documentation for Users: CJRR, 2019–2020 Data](#)

This report provides high-level data quality information about the 2019–2020 CJRR database. This information will help users determine whether the data is fit for their intended use.

Submission deadlines, 2021–2022

Refer to the [Submission deadlines and refresh dates](#) page on CIHI’s website for deadlines. Depending on your submission method, search for or filter by “DAD” (for CJRR data submitted through the Discharge Abstract Database [DAD]) or “CJRR” (for CJRR data submitted through the legacy CJRR electronic file system).

Changes to data requirements for 2021–2022

As of April 1, 2021, CJRR no longer requires patient names to be submitted (i.e., first name and last name); however, completion of these data fields is still required. To ensure successful submission, please enter “UNK” or another dummy value in the data field.

Resources to support CJRR submission

The course Barcode Scanning of Prosthesis Information (1013E), available in [CIHI’s Learning Centre](#), describes how to set up a barcode scanner and how to submit product and lot numbers accurately using a scanner or manual entry.

- For legacy submitters
 - The [CJRR Minimum Data Set Manual](#) is available on the CJRR web page.
- For DAD submitters
 - The [DAD Abstracting Manual](#) is available in [CIHI’s Client Services](#) (login required).
 - The course Submitting Hip and Knee Prosthesis Information in DAD (1043E), available in [CIHI’s Learning Centre](#), covers how to accurately submit hip and knee replacement prosthesis information to the DAD using case studies.
 - [eQuery](#), available after logging in to [CIHI’s Client Services](#), is updated regularly based on frequently asked questions. Search using the data element Hip/Knee Prosthesis Information under DAD Product, or submit new questions.

Data quality reminders

The quality of the prosthesis data submitted to CJRR is a critical component of this national medical device registry. Please note the following quality checks and tips:

New for 2021

- Submit correct sticker information in the relevant fields for components and cement.
- For GS1 format stickers, scan or enter the Global Trade Item Number (GTIN) in the Submitted Product Number field and the lot number in the Lot Number field.

General

- Enter personal health information in designated fields only.
- Submit both urgent and elective CJRR procedures.

Product (sticker) information

- Submit information from all applicable stickers (e.g., submit at least 2 stickers if the acetabular cup and acetabular liner are replaced).
- Refer to the sections on component information categorization in the *CJRR Minimum Data Set Manual* or the *DAD Abstracting Manual*.
- Scan prosthesis barcodes for more accurate and efficient capture. Avoid manually entering product information when possible.
- Enable the Automatic Identification and Mobility (AIM) code when barcode scanning. This will ensure that CIHI can appropriately extract the product numbers.
- For manual entries, enter the product and lot numbers exactly as they appear on the sticker.
- Use the Manufacturer — Other field only when the manufacturer name is not in the list of CJRR manufacturers.

For DAD submitters only

- When entering intervention details,
 - Ensure patients do not have multiple primary hip and knee procedures on the same side; subsequent interventions on the same side (including total joint replacements) must be captured as revisions.
 - Ensure the value of the extent attribute matches the corresponding intervention code for hip arthroplasty implantation prosthetic device with code 1.VA.53.^{^^}.
- Please review your facility's quarterly DAD Open-Year Data Quality Report for suspected data quality issues related to hip and knee replacements (e.g., D1105-86, D1105-166). Test specifications for 2021–2022 are available on the [DAD metadata page](#).

Appendix

Text alternative for figure

Table: CJRR prosthesis coverage, 2020–2021

| Jurisdiction | Coverage in 2020–2021 | Coverage in 2019–2020 | Increase/decrease from 2019–2020 to 2020–2021 |
|---------------------------|-----------------------|-----------------------|---|
| Canada | 73.9% | 74.6% | Decrease |
| Newfoundland and Labrador | 99.0% | 99.6% | Decrease |
| Prince Edward Island | 0.0% | 0.0% | No change |
| Nova Scotia* | 93.8% | 94.8% | Decrease |
| New Brunswick | 8.1% | 10.4% | Decrease |
| Quebec | 0.4% | 1.9% | Decrease |
| Ontario* | 91.9% | 95.8% | Decrease |
| Manitoba* | 99.8% | 99.7% | Increase |
| Saskatchewan | 90.6% | 90.0% | Increase |
| Alberta | 76.3% | 80.8% | Decrease |
| British Columbia* | 97.2% | 96.1% | Increase |
| Yukon | 0.0% | 0.0% | No change |
| Northwest Territories | 98.6% | 97.8% | Increase |
| Nunavut | Not applicable | Not applicable | Not applicable |

Notes

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Sources

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For data-specific information:

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