

Organ Donors, by Donor Type, Sex and Province

Name	Organ Donors, by Donor Type, Sex and Province
Short/Other Names	Not applicable
Description	Breakdown of all persons in Canada who donated 1 or more organs used for transplantation, by donor type, sex and province
Interpretation	Total frequency counts can provide researchers, health care providers and the public with an idea of where solid organ donation stands in Canada
HSP Framework Dimension	Health System Outcomes: Improve health status of Canadians
Areas of Need	Not applicable
Geographic Coverage	Newfoundland and Labrador, New Brunswick, Nova Scotia, Ontario, Manitoba, Saskatchewan, Alberta, British Columbia
Reporting Level /Disaggregation	National, Province/Territory, Breakdown by sex, breakdown by donor type
Indicator Results	CORR Organ Donors

Identifying Information

Name Organ Donors, by Donor Type, Sex and Province

Short/Other Names Not applicable

Indicator Description and Calculation

Description Breakdown of all persons in Canada who donated 1 or more organs used for transplantation, by donor type, sex and province

Calculation: Counts of donors are based on data submitted to the Canadian Organ Replacement Register (CORR) by each organ procurement organization (OPO) or hospital. A donor is defined as a person, living or deceased, who donates 1 or more organs that are used for transplantation. No adjustments or standardizations are made to the reported results. CORR collects data for the following solid organs: kidney, liver, heart, lung, pancreas (including islets) and intestine.

Calculation:

Geographic Assignment: Place of service

Calculation: Type of Measurement: Number - Frequency total

Calculation: Adjustments Applied: None

Calculation: Method of Adjustment: Not applicable

Description: Not applicable

Denominator: Inclusions: Not applicable

Exclusions: Not applicable

Description: The number and type of organ donor submitted to CORR by each OPO or hospital

Numerator: Inclusions: Deceased donors are donors who originated in Canada and who have had at least one organ used for transplantation. Living donors include donors with a biological (related) and/or emotional (unrelated) relationship to the transplant recipient, as well as donors with no relationship to the recipient.

Background, Interpretation and Benchmarks

Rationale: A major limiting factor for organ transplants is the availability of organ donors. Knowledge of the number of actual donors can inform strategies to increase organ donation and increase the conversion rate of potential donors to actual donors.

Interpretation: Total frequency counts can provide researchers, health care providers and the public with an idea of where solid organ donation stands in Canada

HSP Framework Dimension: Health System Outcomes: Improve health status of Canadians

Areas of Need: Not applicable

Targets/Benchmarks: Not applicable

References: Not applicable

Availability of Data Sources and Results

Data Sources	CORR
	Type of Year: Calendar
Available Data Years	First Available Year: 2010 Last Available Year: 2019
Geographic Coverage	Newfoundland and Labrador, New Brunswick, Nova Scotia, Ontario, Manitoba, Saskatchewan, Alberta, British Columbia
Reporting Level/Disaggregation	National, Province/Territory, Breakdown by sex, breakdown by donor type
Result Updates	
Update Frequency	Every year
	Web Tool: Quick Stats
Indicator Results	URL: CORR Organ Donors
Updates	Not applicable
Quality Statement	Data from Quebec was not included for this table because of significant under-reporting.
Caveats and Limitations	Province refers to the province of the hospital that identified the donor (for deceased donors) or to the hospital responsible for the transplant surgery (for living donors). Users should note the distinction between province of treatment, which generally reflects service availability, and province of patient residence. New Brunswick and Newfoundland and Labrador do not have transplant hospitals and are therefore not shown in living donor statistics. A complete list of programs submitting donor data is available in Table 4 of Data Quality Documentation for Users: Canadian Organ Replacement Register, 2010 to 2019 Data (PDF) . CORR is a longitudinal database, following patients over time. Reporting centres may submit changes/updates for any particular year on an ongoing basis. As a result, data is subject to change and may differ from previously published reports.
Trending Issues	This data comes from donor-level data provided by organ procurement organizations and hospitals across the country. It may differ slightly from the data provided in e-Statistics on Organ Transplants, Waiting Lists and Donors, a report that is based on aggregate counts provided by organ procurement organizations.
Comments	An overview of data quality issues can be found in Data Quality Documentation for Users: Canadian Organ Replacement Register, 2010 to 2019 Data (PDF) . Not applicable