



## Appendix A: Data Sources

# Sources

Below are source references for each indicator. For any additional help locating the raw data used to create each indicator, please contact the CCPA or Probe Research.

## 1. Community Vitality

**1.1 Volunteering in an Organized Group Activity:** Statistics Canada Table 45-10-0039-01; Probe Research survey (data tables appended)

**1.2 Informal Volunteering (Helping Others):** Statistics Canada Table 45-10-0039-01; Probe Research survey (data tables appended)

**1.3 Five or More Friends:** Probe Research survey (data tables appended)

**1.4 Crime Severity Index:** Statistics Canada Table 35-10-0026-01

**1.5 Feelings of Safety Walking Alone at Night:** Probe Research survey (data tables appended)

**1.6 Experiences of Discrimination:** Statistics Canada, Impact of COVID-19 on Canadians - Experience of Discrimination 2020, Table 43-10-0061-01

**1.7 Trust in Others:** Statistics Canada, Impacts of Covid-19 on Canadians - Trust in Others 2020, Public use microdata: 45-25-0005

**1.8 Sense of Belonging to the Community:** Statistics Canada, Canadian Community Health Survey 2001-2018, Table 13-10-0096-15; Probe Research survey (data tables appended)

## 2. Democratic Engagement

**2.1 Voter Turnout in Provincial Elections:** Elections Manitoba. Annual Reports of the Chief Electoral Officer, <https://www.electionsmanitoba.ca/en/Resources/Publications>

**2.2 Political Activities Other Than Voting:** Probe Research survey (data tables appended)

**2.3 Confidence in Institutions:** Probe Research survey (data tables appended)

**2.4 Diversity of Winnipeg's MLAs:** Desk research via Elections Manitoba

**2.5 Diversity of Winnipeg's City Councillors:** Desk research via City of Winnipeg Clerk's Office

## 3. Education

**3.1 Access to Child Care Spaces:** Early Childhood Education and Care in Canada, <https://childcarecanada.org/>; Government of Manitoba. Department of Families Annual Reports; Special tabulation based on the Statistics Canada Labour Force Survey

**3.2 School Readiness:** Winnipeg Regional Health Authority Community Health Assessment, School Readiness to Learn. <https://wrha.mb.ca/files/cha-2019-full-report.pdf>

**3.3 Student to Teacher Ratio:** Statistics Canada Table 37-10-0153-01; Province of Manitoba, Manitoba Financial Reporting and Accounting in Manitoba (FRAME) Report Audited Actuals 2019, [https://www.edu.gov.mb.ca/k12/finance/frame\\_report/](https://www.edu.gov.mb.ca/k12/finance/frame_report/)

**3.4 Average Spending per Public School Student:** Manitoba Financial Reporting and Accounting in Manitoba Education and Early Childhood Learning (FRAME) Reports Audited Actuals [https://www.edu.gov.mb.ca/k12/finance/frame\\_report/](https://www.edu.gov.mb.ca/k12/finance/frame_report/)

**3.5 Participation in Adult Literacy Programs:** Manitoba Adult Literacy and Learning Annual Reports 2009/2010-2019/2020

**3.6 Population with a High School Diploma:** Statistics Canada Census of Population 2016, 2006, 2001; National Household Survey 2011

**3.7 Population with a Post-Secondary Degree:** Statistics Canada Labour Force Survey Dec. 2021, 2020, 2019, 2018, 2017, Table: 14-10-0118-01

**3.8 Access to the Internet for Personal Use:** Statistics Canada custom tabulation, Canadian Internet Use Survey, 2018

**3.9 Annual Earnings by Education Level:** Statistics Canada Table 37-10-0152-18



# Sources

## 4. Environment

- 4.1 Air Quality:** Environment and Climate Change Canada, accessed via MyPeg, <https://web43.gov.mb.ca/EnvistaWeb/Default.ltr.aspx>
- 4.2 Climate Anxiety:** Probe Research survey (data tables appended)
- 4.3 Greenhouse Gas Emissions by Source:** Environment and Climate Change Canada, Canada's Greenhouse Gas Inventory via <http://climatechangeconnection.org/emissions/manitoba-ghg-emissions/>
- 4.4 Transit Trips Per Capita:** Winnipeg Transit Ridership, Accessed via MyPeg, <https://www.mypeg.ca/indicator/publictransittripspercapita/?tab=graph>
- 4.5 Precipitation:** Environment and Climate Change Canada, accessed at [winnipeg.weatherstats.ca](http://winnipeg.weatherstats.ca)
- 4.6 Household Water Conservation:** City of Winnipeg, Water and Waste Department, access via <https://www.winnipeg.ca/waterandwaste/water/conservation/consumptionReport.stm>
- 4.7 Waste per Capita:** Data are provided by the City of Winnipeg's Department of Water and Waste: <http://www.winnipeg.ca/waterandwaste/water/conservation/consumptionReport.stm>, Accessed via MyPeg <https://www.mypeg.ca/indicator/wateruse/>
- 4.8 Organic Waste Diversion:** Compost Winnipeg: Email communication with Compost Winnipeg staff, May 31, 2022.
- 4.9 Recycling Rates:** City of Winnipeg Recycling data, accessed via MyPeg, <https://www.mypeg.ca/indicator/residentialwastegoingto recycling/?tab=graph>
- 4.10 Residential Material Recovery Rates:** Multi-Material Stewardship Manitoba 2020 Annual Report, <https://stewardshipmanitoba.org/wp-content/uploads/2021/06/Web-File-MMSM-Annual-Report-2020.pdf>

# Sources

## 5. Healthy Populations

**5.1 Self-Rated Overall Health:** Statistics Canada Table 13-10-0805-01; Probe Research survey (data tables appended)

**5.2 Self-Rated Mental Health:** Statistics Canada Table 13-10-0805-01; Probe Research survey (data tables appended)

**5.3 Perceived Life Stress:** Statistics Canada Canadian Community Health Survey 2017/2018 Table: 13-10-0096-04

**5.4 Wait Times for Addictions Treatment:** Addictions Foundation of Manitoba, personal correspondence, May 31, 2022

**5.5 Overdose Deaths:** Office of the Chief Medical Examiner of Manitoba. Data accessed at <https://winnipeg.ctvnews.ca/it-s-heartbreaking-manitoba-s-drug-related-deaths-have-more-than-doubled-since-2019-1.5855012> and <https://www.cbc.ca/news/canada/manitoba/overdose-deaths-record-2021-1.6414624#:~:text=In%202021%2C%2038%20people%20died,16%2C000%20kits%20distributed%20last%20year>

**5.6 Life Expectancy:** Winnipeg Health Region Community Health Assessment 2019, accessed via <https://wrha.mb.ca/files/cha-2019-full-report.pdf>

**5.7 Access to Dental Care:** Probe Research survey (data tables appended)

## 6. Leisure and Culture

**6.1 Participation in Leisure and Social Activities:** Probe Research survey (data tables appended)

**6.2 Time Spent Enjoying the Arts:** Probe Research survey (data tables appended)

**6.3 Volunteering for Arts and Culture Groups:** Probe Research survey (data tables appended)

**6.4 Arts Attendance:** Winnipeg Arts Council, personal correspondence

**6.5 Paid Time Off:** Statistics Canada Labour Force Survey, Oct 2017-2021, calculations by author, accessed at [odesi.ca](https://odesi.ca)

**6.6 Safety and Accessibility of Rivers:** Probe Research survey (data tables appended)



# Sources



## 7. Living Standards

**7.1 Gini Co-Efficient:** Statistics Canada CANSIM Table 11-10-0134-01

**7.2 Median Take Home Income of Families:** Statistics Canada Table 11-10-0190-01

**7.3 People on Low Income (LIM) After Tax:** Statistics Canada Table 11-10-0136-01

**7.4 Market Basket Measure of Poverty:** Statistics Canada Table 11-10-0136-01

**7.5 Food Bank Usage:** Harvest Manitoba, data provided via email

**7.6 Welfare as a Percentage of the Poverty Line:** Maytree Canada, Welfare in Canada, access at [www.maytree.com/welfare-in-canada](http://www.maytree.com/welfare-in-canada)

**7.7 Rent Affordability:** Canada Mortgage and Housing Corporation Rental Market Report, Feb. 2022, accessed at <chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://assets.cmhc-schl.gc.ca/sites/cmhc/professional/housing-markets-data-and-research/market-reports/rental-market-report/rental-market-report-2021-en.pdf?rev=a5a0eaac-6f70-4058-8aa3-e6d307685910>

**7.8 Homelessness:** End Homelessness Winnipeg Street Census, accessed at [chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://endhomelessnesswinnipeg.ca/wp-content/uploads/2018\\_Street-Census\\_FinalReport\\_Web.pdf](chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://endhomelessnesswinnipeg.ca/wp-content/uploads/2018_Street-Census_FinalReport_Web.pdf) and <chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://endhomelessnesswinnipeg.ca/wp-content/uploads/2022-Winnipeg-Street-Census-Final-Report.pdf>

**7.9 Unemployment Rate:** Statistics Canada Table 14-10-0327-01

**7.10 Ratio of Debt to After Tax Family Income:** Statistics Canada custom tabulation, Survey of Financial Security, 1999 and 2016

## 8. Time Use

**8.1 Working Multiple Jobs:** Statistics Canada, Labour Force Survey (PUMF) Oct 2011-2021, calculations by author, accessed at [odesi.ca](http://odesi.ca)

### 8.2 Regular Weekday

**Hours:** Statistics Canada Labour Force Survey (PUMF) Oct 2011-2021, calculations by author, accessed at [odesi.ca](http://odesi.ca)

**8.3 Commute Times:** Statistics Canada Census 2016, <https://www150.statcan.gc.ca/n1/daily-quotidien/171129/t002c-eng.htm>

**8.4 Times Spent with Friends:** Probe Research survey (data tables appended)

# Sources

## 9. Pandemic Impacts on Finances

**9.1 Pandemic Impact on Employment Change:** Statistics Canada, accessed at [odesi.ca](https://www.odesi.ca)

**9.2 Pandemic Impacts on Essential Needs:** Statistics Canada, accessed at [odesi.ca](https://www.odesi.ca)

## 10. Pandemic Impacts on Children and Families

**10.1 Pandemic Impacts on Children:** Statistics Canada, accessed at [odesi.ca](https://www.odesi.ca)

**10.2 Pandemic Impacts on Families:** Statistics Canada accessed at [odesi.ca](https://www.odesi.ca)

**10.3 Pandemic Impacts on Perceptions of Health:** Statistics Canada, accessed at [odesi.ca](https://www.odesi.ca)

**10.4 Pandemic Concern about Violence at Home:** Statistics Canada, accessed at [odesi.ca](https://www.odesi.ca)