



Diabetes Facts and Figures

Why Support JDRF:

Your support is helping children and adults worldwide by accelerating life-changing type 1 diabetes (T1D) breakthroughs. The following are some key facts you can share with potential donors when you approach them to support you in your fundraising efforts:

Key Facts and Figures:

- JDRF's goal is to improve the lives of all people affected by T1D by accelerating progress on the most promising opportunities for curing, better treating, and preventing the disease.
- More than 300,000 Canadian children and adults live with T1D.¹
- The number of people living with T1D is increasing by 5% annually – and the greatest rise is in children under five years of age.²
- Over three million Canadians have some form of diabetes (9% of the Canadian population).³
- According to the International Diabetes Federation, 415 million people worldwide are currently living with diabetes (both T1D and type 2 diabetes). This number is projected to rise to 642 million people by 2040.⁴
- Since its founding 47 years ago, JDRF has funded \$2 billion (US) in T1D research.⁵
- Currently, JDRF is funding more than 50 human clinical trials,⁶ several of which are in the advanced stages of clinical testing.
- The World Health Organization indicates up to 15% of a nation's health budget is spent on diabetes.⁷
- By 2020, it is estimated that diabetes will cost the Canadian healthcare system \$16.9 billion a year.⁸
- The rate of T1D incidence among children under the age of 14 is estimated to increase by 3% annually worldwide.⁹
- According to the International Diabetes Federation, 77,800 children under the age of 15 develop T1D annually and this incidence is increasing rapidly.¹⁰
- Living with T1D requires approximately 1,095 to 1,460 needles a year (based on three to four injections per day)¹¹ and 1,460 to 2,920 finger pokes a year (four to eight per day) to test blood sugar levels.¹²

References:

1. Diabetes. Canadian Diabetes Association website <https://www.diabetes.ca/CDA/media/documents/aboutdiabetes/what-is-diabetes/diabetes-fact-sheet.pdf>. Accessed Jan 25 2017.
2. Diabetes in Canada: Facts and figures from a public health perspective. Public Health Agency of Canada website <http://www.phac-aspc.gc.ca/cd-mc/publications/diabetes-diabete/facts-figures-faits-chiffres-2011/chap5-eng.php#endnote9>. Accessed Jan 25 2017.
3. Diabetes in Canada. Canadian Diabetes Association website <https://www.diabetes.ca/getmedia/513a0f6c-b1c9-4e56-a77c-6a492bf7350f/diabetes-charter-backgrounder-national-english.pdf.aspx>. Accessed Jan 25 2017.
4. Diabetes facts and figures. International Diabetes Federation website <https://www.idf.org/about-diabetes/what-is-diabetes>. Accessed Jan 25 2017.
5. About JDRF. JDRF website <https://www.jdrf.org/about/>. Accessed Jan 25 2017.
6. Research funding facts. JDRF website <http://www.jdrf.org/about/fact-sheets/research-funding-facts/>. Accessed Jan 25 2017.
7. Global status report on noncommunicable diseases 2010. World Health Organization website http://www.who.int/nmh/publications/ncd-report_full_en.pdf. Accessed Jan 25 2017. (page 16)
8. Diabetes: Canada at the tipping point. Canadian Diabetes Association website <https://www.diabetes.ca/CDA/media/documents/publications-and-newsletters/advocacy-reports/canada-at-the-tipping-point-policy-backgrounder-english.pdf>. Accessed Jan 25 2017.
9. DIAMOND Project Group. Incidence and trends of childhood Type 1 diabetes worldwide 1990-1999. Diabet Med. 2006;23:857-66. PubMed website <https://www.ncbi.nlm.nih.gov/pubmed/16911623/>. Accessed Jan 25 2017.
10. Patterson C, Guariguata L, Dahlquist G. Diabetes in the young – a global view and worldwide estimates of numbers of children with type 1 diabetes. Diabetes Research & Clinical Practice. 2014;103:161-175.
11. Insulin routines. American Diabetes Association website <http://www.diabetes.org/living-with-diabetes/treatment-and-care/medication/insulin/insulin-routines.html>. Accessed Jan 25 2017.
12. Blood sugar testing: Why, when and how. Mayo Clinic website <http://www.mayoclinic.org/diseasesconditions/diabetes/in-depth/blood-sugar/ART-20046628>. Accessed Jan 25 2017