



BANK OF CANADA  
BANQUE DU CANADA



# Canada's new **polymer** notes

Secure • Durable • Innovative

## BANK NOTE FACT SHEETS

[www.bankofcanada.ca/banknotes](http://www.bankofcanada.ca/banknotes)

# About Polymer

Canadian bank notes will now be printed on polymer, a smooth durable film. Polymer notes are:

## Secure

The new \$100 and \$50 polymer notes have leading-edge security features that are easy to verify and hard to counterfeit.

## Durable

Polymer notes last at least 2.5 times longer than cotton-paper notes, saving money in processing and replacement costs.

## Innovative

These notes combine transparency and holography to make for one-of-a-kind currency.

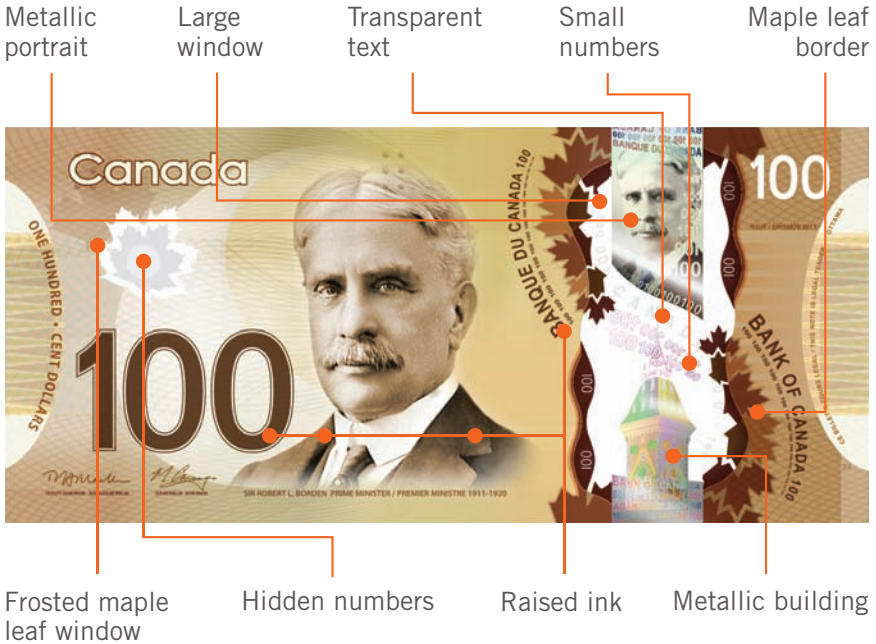
## Better for the environment

Because polymer notes last longer, they will have a reduced impact on the environment compared with cotton-paper notes. They will also be recycled.

Visit [www.bankofcanada.ca/banknotes](http://www.bankofcanada.ca/banknotes) for access to a life-cycle analysis that compares polymer and cotton-paper notes.

# About Security

The transparent windows and metallic images are innovative security features that can be seen on both sides of the note.



Same security features on the \$50 note



Learn all about these security features at [www.bankofcanada.ca/banknotes](http://www.bankofcanada.ca/banknotes) or on pages 4 to 7 of the enclosed employee handbook.

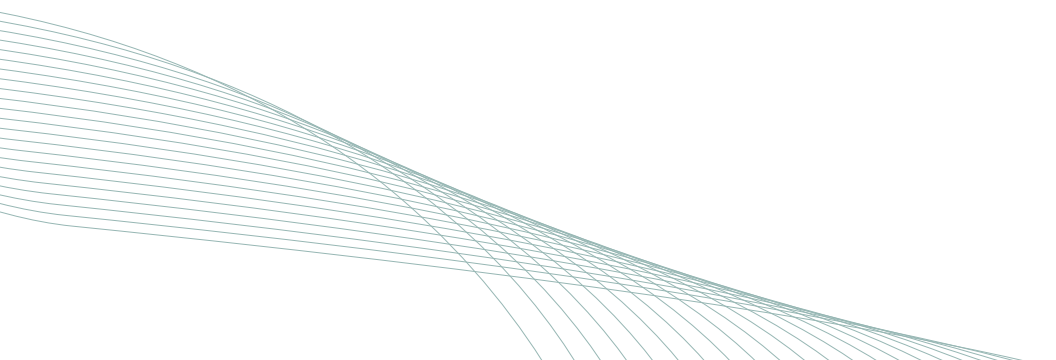
# About Design

Canada's new bank notes evoke the country's spirit of innovation. The new *Polymer* series is itself a technical innovation and its designs celebrate Canada's achievements at home, around the world and in space. Reflecting the ingenuity, determination and courage of a nation and its people, Canada's accomplishments extend well past our frontiers.

## The New \$100 Note

### Medical Innovation

Canadians have long been at the frontiers of medical research and as a result have helped to save millions of lives worldwide. Notable Canadian contributions include pioneering the use of insulin to treat diabetes, DNA and genetic research, the invention of the pacemaker, and the first hospital-to-hospital robot-assisted surgery.



# Design of the \$100 Note



## **Researcher at a microscope**

The image of a researcher using a microscope depicts Canada's long-standing commitment to medical research.

## **DNA strand**

Deoxyribonucleic acid (DNA) is the genetic blueprint of life. Canadian researchers have been at the forefront of mapping our human genetic makeup in this field of medical science.

## **ECG**

This electrocardiogram symbolizes Canada's contributions to heart health, including the invention of the pacemaker by John Hopps in 1950.

## **Insulin**

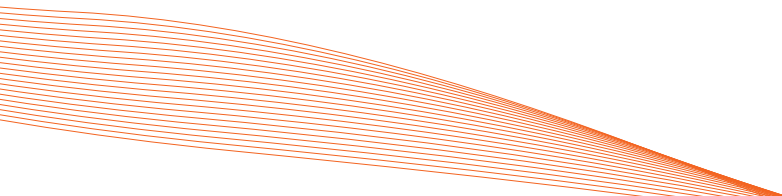
The discovery of insulin to treat diabetes was made by Canadian researchers Frederick Banting and Charles Best in 1921. Insulin continues to save the lives of millions of people today.

# About Design

## The New \$50 Note

### **CCGS *Amundsen*, Research Icebreaker**

The vastness and splendour of Canada's northern frontier have helped to shape our cultural identity. The icebreaker plays an important role in the North, keeping Canada's historic passages open, undertaking marine search and rescue, supporting isolated communities, and participating in international environmental research. The CCGS *Amundsen* helps Canada—the nation with the world's longest stretch of Arctic coastline—to remain at the leading edge of Arctic research, providing the world's oceanographers, geologists and ecologists with unparalleled access to the North.



# Design of the \$50 Note



## **CCGS *Amundsen*, Research Icebreaker**

The Canadian Coast Guard Ship *Amundsen* became a research icebreaker in 2003. It is jointly operated by ArcticNet and the Canadian Coast Guard.

## **“Arctic” in Inuktitut**

This syllabic text is taken from Inuktitut, a language of Canada’s Inuit population. It stands for “Arctic.”

## **Map of Canada’s northern regions**

The map on the back of this note shows Canada’s northern regions, including Inuit regions of the Arctic.

# About Accessibility

Notes from the new *Polymer* series have the same suite of accessibility features as the last cotton-paper-based series, with some enhancements as shown below. These features are present on all bank notes to help members of the blind and partially-sighted community identify the value of their notes.

Enhanced: **longer-lasting** tactile feature



Large high-contrast numbers

Enhanced: bank note reader codes on **both** short ends

Distinctly-coloured denominations



Go to [www.bankofcanada.ca/banknotes](http://www.bankofcanada.ca/banknotes) for more information on these accessibility features and on how to obtain a free bank note reader (an electronic device that signals the denomination of a bank note by vibration, tone or voice).