

Enbridge Safety Performance 2019



Our performance at a glance

In 2019, Enbridge safely delivered billions of barrels of crude oil to North American refineries, where it was converted into the gasoline, diesel and aviation fuel that keep our society moving and our economy growing. We also moved more than 9.5 trillion cubic feet of natural gas, a key fuel to heat our homes, enable transportation and manufacturing, and energize our industrial sector. And we generated nearly 2 gigawatts of renewable energy as part of the transition to a lower-carbon future.

Last year, we safely transported nearly 4 billion barrels of oil.

That's the highest volume in our 71-year history. Even with the record-setting volumes of oil transported, we sustained our strong safe delivery performance. Over the course of 2019 we experienced seven incidents, six of which were contained on Enbridge property, spilling a total of 214 barrels of oil. Even though this is on par with the strongest safety performance in our company's history, established in 2018, we know that even one leak is too many. We continually strive to meet our goal of preventing all incidents, so in addition to safely, effectively and thoroughly responding to, containing and cleaning up each spill, we investigated every incident or near miss to identify and address root causes and make our systems even safer over time. We also continued to invest in research and technology, and to engage every employee and contractor to build a stronger and more resilient company culture relentlessly focused on safety.

One leak occurred off Enbridge property

Six leaks occurred and were contained on Enbridge property

Natural Gas Transportation

In 2019 we transported more than 7.7 trillion cubic feet of natural gas – an average of more than 21 billion cubic feet a day. During that time, we experienced 24 reportable leaks on our natural gas pipeline systems, including two pipeline ruptures, one of which, near Danville, KY, tragically claimed the life of a member of the community.

Natural Gas Distribution

Our natural gas utility, which includes Enbridge Gas Distribution and Union Gas, provides reliable natural gas service to about 3.8 million customers in Ontario and Quebec. In 2019, we safely delivered more than 1.8 trillion cubic feet of natural gas to those customers and experienced three reportable natural gas releases.

Our spill performance in 2019

Barrels of crude oil safely delivered in 2019

3,980,194,221

Total barrels spilled in 2019 (0.0000054%)

214

Barrels spilled within our facilities in 2019 (0.0000027%)

108

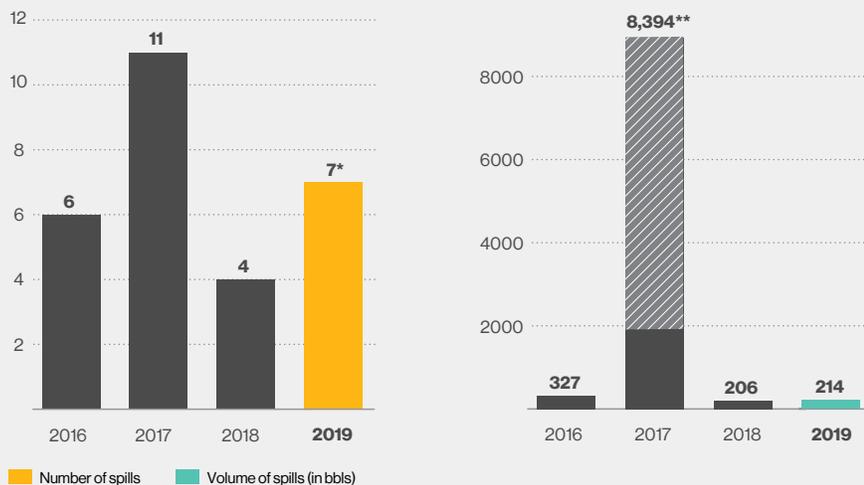
Barrels spilled outside of Enbridge's property in 2019 (0.0000027%)

106

Record volumes shipped with strong safety performance

In 2019, we delivered the largest volumes of crude oil in our 71-year history and we achieved a safe delivery record consistent with 2018, our best annual safe delivery performance ever. We transported a record volume of 3.98 billion barrels to market, a 2.9% increase over 2018, while sustaining our benchmark safety performance. Our belief that every incident can be prevented drives this success, supported by a relentless focus on safety by every member of our team, programs, policies and procedures to reinforce our safety culture, and billions of dollars invested in the safety of our systems.

Our spill performance over time



*Six spills occurred and were contained on Enbridge property; one spill occurred off Enbridge property.

**One incident accounted for more than 6,000 barrels of the total amount spilled in 2017. The incident occurred when a third party struck one of our pipelines during a construction project for another pipeline company in an industrial area near the Enbridge Terminal in Edmonton.

By the numbers

38,377

Last year we completed more than 38,377 pipeline inspections on our liquids and natural gas pipelines and distribution networks. This includes more than 450 inline inspections, nearly 1,950 preventative maintenance digs, and more than 34,000 other assessments, including pressure tests, bridge, water crossing and slope inspections and examination of valves and other equipment.



C\$2.3M

In 2019 Enbridge gave more than C\$2.3 million (US\$1.7 million) through 350 grants to community first response agencies. Since we established our Safe Community program in 2002, we've provided more than C\$15.7 million (US\$11.8 million) in grants to help build safer communities across Canada and the U.S.



1,991 MW

Since 2002, Enbridge has committed more than C\$7.8 billion in capital to renewable energy and power transmission projects currently in operation or under construction. Together, our renewable energy projects (either operating or under construction) have the capacity to generate 4,121 megawatts (MW) gross of zero-emission energy (1,991 MW net).

How much every day?

To learn more about the energy we deliver to keep our society powered up and on the go, check out our energy dashboards, which provide a continual, minute-by-minute tally of the natural gas and crude oil we're transporting and renewable energy we're generating.

enbridge.com/enbridge-energy-dashboards



**Read the full 2019 Enbridge
Safety Report to the Community**

To find out more about our safety performance visit enbridge.com/safety where you can explore our most recent Safety Report to the Community and other safety resources.