



CANADA'S RAILWAYS: SAFETY ALWAYS BOARDS FIRST

Canada's railways are among the safest in the world, and they are committed to continuously improving their safety record. Each year, Canada's railways launch new initiatives to improve safety, transparency and emergency preparedness, while accelerating their existing safety efforts.



Training & Outreach

12,000

trained



In the last three years, the Railway Association of Canada (RAC) and its members have trained more than **12,000 railway employees, industrial plant personnel and first responders** on dangerous goods handling and emergency response.

RAC's Transportation of Dangerous Goods Team has held close to **600 TRANSCAER® events** to inform municipalities about the products being transported through their communities. In 2015, Canada's railways also launched the **AskRail™ mobile app** — a safety tool that gives first responders real-time information about railcar contents. More than **2,000 first responders** across Canada have signed up to use the app.

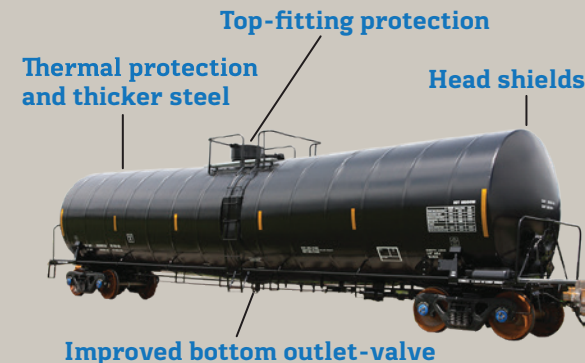


2,000

signed up

Tank Car Safety

Canada's railways welcomed the new North American DOT/TC-117 tank car standard introduced in May 2015. It requires tank cars carrying flammable liquids to have **thicker steel shells, thermal insulation and full head shields, among other improvements.** In September 2018, RAC supported the accelerated phase-out of older, less crash-resistant models of tank cars used to transport crude oil and condensates — a highly volatile flammable liquid — by rail.



Safety Investments

\$27 billion

in investments

Canada's railway industry has invested more than **\$27 billion** since 1999 to ensure the safety of its infrastructure—including investments in innovative safety technologies. This has led to significantly lower accident rates:



Safe and Getting Safer

99.999%

dangerous goods arrive safely

0.73

accidents per million passengers

The railway industry moves **99.999 per cent of dangerous goods** to their destinations without a release resulting from an accident. Passenger rail also has an excellent safety record — with an accident rate of **0.73 accidents per million passengers** in 2017

