



customer **safety** kit

Q1 2014

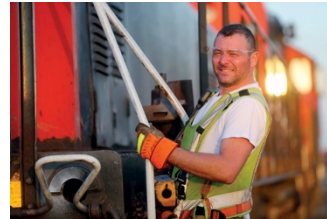


safety first

**Safety** is a core principle at CN. Our goal is to help save lives and prevent injuries on the job, at highway crossings, and on or near our tracks and property.

**Promoting** safety internally and with our customers is integral to protecting employees, the community and your business.

We have an obligation to keep your goods moving...safely. Train accidents not only impact people personally but also professionally. It is in our best interest to work together in order to prevent derailments, injuries and fatalities.



## FACT

CN plans to spend over \$1.2 billion on track infrastructure this year





## 2014 safety initiatives



People - Strengthen our culture of safety



Process - Ensure safety is a systematic part of all activities



Technology & Investments - Maintain our trains and tracks to high standards



Involvement - How you can participate in our safety first mission



### FACT

CN led 85 safety summits for new employees in 2013.



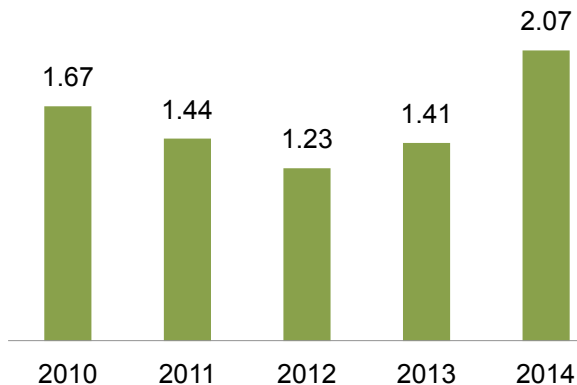
strengthen our culture of safety

People are at the heart of everything we do at CN. We work hard to create not only a safe environment for our communities and employees, but to create a culture of safety.

In 2014, we will focus on:

- Continue to address top injury causes at a local level..
- Focus on CN Campus, a revitalized company-wide training program to meet the learning needs of CN's current and future railroaders.
- Continue to enhance CN's Safety Culture through peer engagement programs, Safety Summits, communications, education and cause-finding.
- Continue the work of CN's Safety Task Force, which develops initiatives to address top safety issues.

CN FRA Employee Injury Ratio\*



Trespasser Accidents – U.S. & Canada\*



\*FRA injury ration - FRA injuries per 200,000 work hours. YTD Q1 results published 2010 to 2014

\* YTD Q1 results published 2010 to 2014



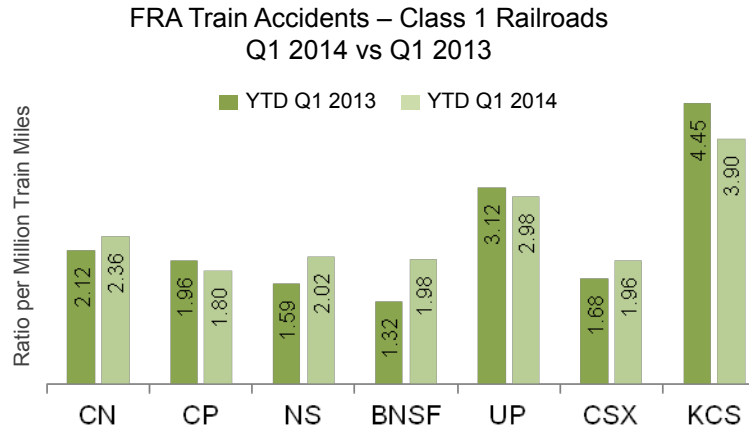
**FACT**

CN's Health and Safety Committees develop action plans to help address top injury causes.



ensure safety is a systematic part of all activities

Process initiatives build safety into the foundation of every step taken by our railroaders



- CP Data: YTD February 2013 / Full year 2013
- U.S. Data: YTD January 2013/ Full year 2013

In 2014, we will focus on:

- Enhance “Expectations for Safety Leaders” which guides supervisors on implementing proactive measures for safety
- Maintain the focus on rules compliance and safety culture.
- Monitoring employee performance and using the results to drive our training focus
- Having each division focus on seven critical switching rules to prevent non-main track accidents
- Continued use of On-The-Job trainers to enhance the training of new railroaders to CN.
- Trainees in CN’s Locomotive Engineer Program will begin using a modernized training curriculum that includes updated training material and new simulation scenarios.



### FACT

CN’s safety initiatives have been recognized by Transport Canada.



maintaining our trains and tracks to high standards

**New Technologies and Investments** are targeted towards maintaining our trains and tracks each year. We know that this is integral to keeping our employees, you, and your shipments safe.

In 2014, we plan to:

- Install over 360 miles of new rail, 170 miles of partly worn rail, replace 1.6M wood track ties and 93K concrete ties
- Test 205K miles of track using Ultrasonic Rail Flaw Detection
- Test 73K miles of track with our Track Geometry cars
- CN will install its first wayside Vision Car Inspection System in the Toronto, ON area.
- Improve fuel efficiency and handling by adding 45 new AC locomotives to the Distributed Power fleet
- CN's re-spacing program will include 50 new hot bearing detectors.
- Install 30 brittle bar/derailment detectors in Canada, making for a more than 380 dragging equipment detectors



### FACT

CN has 106 joint union-management workplace Health and Safety Committees.

\* An accelerometer is mounted on a locomotive and identifies unusual movements or accelerations resulting from Track Geometry issues.



## how you can participate in our safety first mission

**Customers often ask us** how they can help promote safety. In working together, you can help your employees pay attention to the following key points\* which can contribute immensely to avoiding derailments:

- Inspect track condition periodically and ensure that it is properly maintained
- Ensure handbrakes are released before moving cars ,failing to do so may cause wheel related incidents
- Make sure you have side and overhead clearances inside plants
- Notify CN in advance of any changes to structures, obstructions or clearances
- Remove any debris and vegetation on track
- Avoid overloading the cars
- Make sure the lading is secure when loading



### FACT

CN performs over 900 efficiency tests per day to ensure solid rules compliance.

\* For more detailed information about working with dangerous goods, rail equipment, key railroad contacts, and and safety resources, view our customer safety handbook at [www.cn.ca/safetyhandbook](http://www.cn.ca/safetyhandbook).