Table 1
Railway Occurrence and Casualty

| Accidents | 2015 | | 2010-2014 | | • | |
|---|------|------|-----------|-------|-------|----------------------|
| \acidonto | | 2014 | Average | 2015 | 2014 | 2010-2014 Average |
| Accidents | 87 | 100 | 93 | 1111 | 1106 | 1005 |
| Main-track train collisions | 0 | 0 | 0 | 4 | 8 | 5 |
| Main-track train derailments - 1-2 cars* | 3 | 5 | 4 | 39 | 44 | 40 |
| Main-track train derailments - 3-5 cars | 0 | 1 | 1 | 6 | 12 | 12 |
| Main-track train derailments - 6 or more cars | 1 | 3 | 1 | 26 | 35 | 29 |
| Crossings | 20 | 12 | 16 | 151 | 159 | 164 |
| Non-main-track train collisions | 1 | 15 | 9 | 87 | 101 | 89 |
| Non-main-track train derailments - 1-2 cars* | 40 | 43 | 38 | 484 | 469 | 399 |
| Non-main-track train derailments - 3-5 cars | 5 | 5 | 7 | 81 | 85 | 79 |
| Non-main-track train derailments - 6 or more cars | 0 | 3 | 2 | 24 | 33 | 26 |
| Collisions/Derailments involving track units | 5 | 4 | 4 | 55 | 32 | 32 |
| Employee/Passenger | 0 | 0 | 0 | 14 | 8 | 8 |
| Trespassers | 3 | 1 | 4 | 52 | 50 | 63 |
| Fires/Explosions | 1 | 2 | 2 | 31 | 32 | 22 |
| Other | 7 | 6 | 5 | 56 | 38 | 37 |
| ncidents | 26 | 18 | 16 | 207 | 199 | 204 |
| Dangerous goods leaker** | 2 | 3 | 5 | 33 | 60 | 76 |
| Main-track switch in abnormal position | 1 | 0 | 1 | 13 | 7 | 7 |
| Movement exceeds limits of authority | 17 | 14 | 9 | 135 | 113 | 102 |
| Runaway rolling stock | 4 | 0 | 1 | 13 | 10 | 11 |
| Others | 2 | 1 | 1 | 12 | 9 | 9 |
| Million train-miles (a) | | | | 72.57 | 74.65 | 77.21 |
| Accidents/Million train-miles | | | | 15.31 | 14.82 | 13.02 |
| Accidents involving dangerous goods | 2 | 18 | 12 | 132 | 157 | 130 |
| Main-track train derailments | 0 | 0 | 0 | 12 | 22 | 14 |
| Crossings | 2 | 0 | 0 | 4 | 4 | |
| Non-main-track train collisions | 0 | 6 | 2 | 29 | 33 | 24 |
| Non-main-track train derailments | 0 | 11 | 9 | 84 | 90 | 82 |
| All others | 0 | 1 | 1 | 3 | 8 | 5 |
| Accidents with a DG release | 1 | 0 | 0 | 4 | 4 | 2 |
| Accidents involving passenger trains | 6 | 1 | 3 | 54 | 50 | 52 |
| Accidents involving runaway rolling stock | 1 | 1 | 2 | 25 | 16 | 22 |
| Fatalities | 5 | 4 | 5 | 46 | 53 | 80 |
| Crossings | 2 | 2 | 2 | 14 | 20 | 26 |
| Trespassers | 3 | 1 | 3 | 31 | 30 | 42 |
| All others | 0 | 1 | 1 | 1 | 3 | 12 |
| Serious Injuries | 2 | 1 | 4 | 46 | 44 | 52 |
| Crossings | 1 | 1 | 3 | 15 | 23 | 25 |
| Trespassers | 0 | 0 | 1 | 17 | 19 | 18 |
| All others | 1 | 0 | 0 | 14 | 2 | 9 |

All 5-year averages have been rounded. The totals sometimes do not coincide to the sum of these averages.

a. Train-miles estimated. (Source: Transport Canada)

^{*} Under new reporting requirements all derailments are reportable.

^{**} Under new reporting requirements the minimum reporting threshold for incidents (200 litres) involving the release of low vapour pressure flammable liquids has been harmonized with Part 8 of the Transportation of Dangerous Goods Regulations.

Table 2 Railway crossing and trespasser accidents by province

| | Crossing 201: | All Crossings Year To Date* | | Trespasser Year To Date* | | | | |
|-----------------------|------------------|--------------------------------|---------|-----------------------------|------|------|------|------|
| | Public Automated | Public Passive | Private | Farm | 2015 | 2014 | 2015 | 2014 |
| Newfoundland | | | | | | | | |
| Accidents | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fatalities | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Serious injuries | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nova Scotia | | | | | | | | |
| Accidents | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 0 |
| Fatalities | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Serious injuries | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| New Brunswick | | | | - | | | | |
| Accidents | 3 | 0 | 2 | 2 | 7 | 4 | 1 | 0 |
| Fatalities | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Serious injuries | 0 | 0 | 0 | Ö | 0 | 0 | 0 | 0 |
| Quebec | - | - | | • | - | | - | - |
| Accidents | 15 | 1 | 9 | 1 | 26 | 19 | 5 | 5 |
| Fatalities | 2 | 0 | 1 | Ö | 3 | 8 | 5 | 2 |
| Serious injuries | <u> </u> | 0 | 0 | Ö | 1 | 1 | 0 | 3 |
| Ontario | | | • | • | | | • | |
| Accidents | 16 | 2 | 6 | 2 | 26 | 41 | 25 | 21 |
| Fatalities | 3 | | 0 | 1 | 5 | 5 | 15 | 15 |
| Serious injuries | 0 | 0 | 0 | Ö | 0 | 2 | 8 | 6 |
| Manitoba | • | • | • | 0 | · · | _ | · · | J |
| Accidents | 6 | 9 | 2 | 0 | 17 | 15 | 0 | 2 |
| Fatalities | 1 | 0 | 0 | ŏ | 1 | 1 | 0 | 1 |
| Serious injuries | 2 | Ö | 0 | ő | 2 | 7 | 0 | 1 |
| Saskatchewan | | • | • | 0 | _ | • | • | • |
| Accidents | 10 | 9 | 2 | 0 | 21 | 27 | 4 | 2 |
| Fatalities | 0 | ŏ | 0 | 0 | 0 | 2 | 1 | 1 |
| Serious injuries | 2 | Ŏ | 0 | 0 | 2 | 7 | 4 | 0 |
| Alberta | | • | • | 0 | _ | • | • | · |
| Accidents | 12 | 20 | 2 | 1 | 35 | 36 | 4 | 10 |
| Fatalities | 2 | 1 | 0 | Ö | 3 | 2 | 3 | 5 |
| Serious injuries | 1 | 4 | ő | 0 | 5 | 3 | 1 | 4 |
| British Columbia | • | | • | 0 | • | J | • | • |
| Accidents | 8 | 4 | 5 | 0 | 17 | 17 | 13 | 10 |
| Fatalities | 2 | 0 | 0 | 0 | 2 | 2 | 6 | 6 |
| Serious injuries | 5 | Ŏ | 0 | ő | 5 | 3 | 4 | 5 |
| Northwest Territories | 9 | · · | 0 | 0 | 0 | 0 | - | U |
| Accidents | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fatalities | 0 | 0 | 0 | 0 | ő | 0 | Ö | 0 |
| Serious injuries | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Canada | 0 | 0 | 0 | U | U | | 0 | U |
| Accidents | 70 | 47 | 28 | 6 | 151 | 159 | 52 | 50 |
| Fatalities | 10 | 2 | 1 | 1 | 14 | 20 | 31 | 30 |
| Serious injuries | 11 | 4 | Ó | 0 | 15 | 23 | 17 | 19 |
| Octions injuries | - 11 | | U | U | 10 | 20 | 17 | 19 |

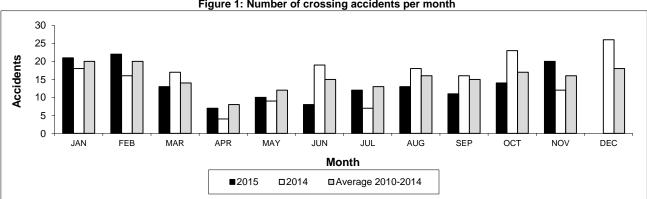


Figure 1: Number of crossing accidents per month

Data extracted December 15, 2015.

*Year to date is from January to November.

New TSB regulations came into effect on July 1, 2014, changing some reporting requirements. Transportation Safety Board of Canada

Table 3
Main-track train derailments by province*

| | January to November | | | Derailments with DG Involvement January to November | | | |
|-----------------------|---------------------|------|----------------------|--|------|----------------------|--|
| | 2015 | 2014 | 2010-2014 Average | 2015 | 2014 | 2010-2014 Average | |
| Canada | 71 | 91 | 81 | 12 | 22 | 14 | |
| Newfoundland | 0 | 0 | 1 | 0 | 0 | 0 | |
| Nova Scotia | 0 | 0 | 0 | 0 | 0 | 0 | |
| New Brunswick | 2 | 3 | 1 | 1 | 2 | 0 | |
| Quebec | 7 | 9 | 8 | 0 | 1 | 2 | |
| Ontario | 20 | 19 | 17 | 6 | 6 | 4 | |
| Manitoba | 4 | 8 | 7 | 1 | 2 | 1 | |
| Saskatchewan | 9 | 9 | 10 | 1 | 3 | 2 | |
| Alberta | 14 | 27 | 19 | 3 | 7 | 4 | |
| British Columbia | 15 | 16 | 18 | 0 | 1 | 2 | |
| Northwest Territories | 0 | 0 | 0 | 0 | 0 | 0 | |

^{*} There were 3 occurrences with dangerous goods release to date in 2015 and 3 in 2014.

Figure 1: Number of main-track train derailments per month

20
15
10
5
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

Month

2015 □ 2014 □ Average 2010-2014

Figure 2: Number of main-track derailments per total number of car derailed 35 30 25 Accidents 20 15 10 5 0 2 3 4 5~10 11+ **Number of Cars** ■2015 to date □2014 to date ■ Average 2010-2014

Figure 1: Number of main-track train derailments per month

^{*} Under new reporting requirements all derailments are reportable.

Table 4
Non main-track train collisions by province

| | | | | | Collisions with DG Involvement | | | |
|-----------------------|---------------------|------|----------------------|------|--------------------------------|----------------------|--|--|
| | January to November | | | Jan | January to November | | | |
| | 2015 | 2014 | 2010-2014 Average | 2015 | 2014 | 2010-2014 Average | | |
| Canada | 87 | 101 | 89 | 29 | 33 | 24 | | |
| Newfoundland | 0 | 0 | 0 | 0 | 0 | 0 | | |
| Nova Scotia | 0 | 0 | 0 | 0 | 0 | 0 | | |
| New Brunswick | 0 | 4 | 2 | 0 | 1 | 0 | | |
| Quebec | 10 | 5 | 9 | 5 | 2 | 3 | | |
| Ontario | 18 | 23 | 15 | 4 | 9 | 5 | | |
| Manitoba | 14 | 15 | 15 | 6 | 5 | 4 | | |
| Saskatchewan | 8 | 21 | 10 | 3 | 6 | 2 | | |
| Alberta | 16 | 18 | 23 | 7 | 5 | 6 | | |
| British Columbia | 20 | 15 | 15 | 3 | 5 | 5 | | |
| Northwest Territories | 1 | 0 | 0 | 1 | 0 | 0 | | |

^{*} There were no occurrences with dangerous goods release to date in 2015 or in 2014.

Figure 2: Number of non main-track train collisions per total number of car derailed 70 60 50 Accidents 40 30 20 10 0* 4 5~10 11+ **Number of Cars** ■2015 to date □2014 to date ■Average 2010-2014

^{*} Number of collisions with no derailments.

Table 5
Non main-track train derailments by province*

| | | | | Derailments with DG Involvement | | | |
|-----------------------|---------------------|------|----------------------|---------------------------------|------|----------------------|--|
| | January to November | | | January to November | | | |
| | 2015 | 2014 | 2010-2014 Average | 2015 | 2014 | 2010-2014 Average | |
| Canada | 590 | 587 | 505 | 84 | 90 | 82 | |
| Newfoundland | 5 | 0 | 0 | 0 | 0 | 0 | |
| Nova Scotia | 6 | 3 | 3 | 1 | 0 | 1 | |
| New Brunswick | 12 | 12 | 9 | 3 | 4 | 2 | |
| Quebec | 95 | 51 | 56 | 11 | 6 | 8 | |
| Ontario | 119 | 112 | 100 | 16 | 21 | 16 | |
| Manitoba | 76 | 77 | 59 | 11 | 6 | 7 | |
| Saskatchewan | 57 | 71 | 67 | 8 | 14 | 8 | |
| Alberta | 119 | 160 | 132 | 22 | 25 | 29 | |
| British Columbia | 101 | 99 | 77 | 12 | 12 | 10 | |
| Northwest Territories | 0 | 2 | 1 | 0 | 2 | 1 | |

^{*} There were no occurrences with dangerous goods release to date in 2015 or in 2014.

Figure 1: Number of non main-track train derailments per month 80 70 60 Accidents 50 40 30 20 10 0 JUN Month ■2015 □2014 ■Average 2010-2014

Figure 2: Number of non main-track derailments per total number of car derailed 500 400 Accidents 300 200 100 0 2 3 5~10 11+ **Number of Cars** ■2015 to date □2014 to date ■ Average 2010-2014

^{*} Under new reporting requirements all derailments are reportable.