

Table 1

Railway Occurrence and Casualty

	September			January to September		
	2016	2015	2011-2015 Average	2016	2015	2011-2015 Average
Accidents	78	87	91	746	925	854
Main-track train collisions	1	1	0	3	4	5
Main-track train derailments - 1-2 cars*	4	2	3	27	32	36
Main-track train derailments - 3-5 cars	0	0	1	6	6	10
Main-track train derailments - 6 or more cars	0	0	2	7	24	26
Crossings	12	11	14	89	117	129
Non-main-track train collisions	3	10	9	49	76	74
Non-main-track train derailments - 1-2 cars*	36	35	35	338	409	347
Non-main-track train derailments - 3-5 cars	7	8	7	42	69	68
Non-main-track train derailments - 6 or more cars	2	1	3	21	21	23
Collisions/Derailments involving track units	0	7	4	24	40	28
Employee/Passenger	1	1	0	12	12	8
Trespassers	4	2	6	52	44	49
Fires/Explosions	4	5	2	23	26	20
Other	4	4	4	52	45	33
Incidents	18	22	19	147	154	170
Dangerous goods leaker**	2	6	7	25	29	60
Main-track switch in abnormal position	0	0	0	3	9	6
Movement exceeds limits of authority	16	12	9	105	98	87
Runaway rolling stock	0	2	1	7	9	10
Others	0	1	0	6	8	7
Million train-miles (a)				60.11	64	64.18
Accidents/Million train-miles				12.41	14.45	13.31
Accidents involving dangerous goods	6	8	10	85	115	108
Main-track train derailments	0	0	1	7	11	13
Crossings	0	0	0	2	2	3
Non-main-track train collisions	0	3	2	15	25	21
Non-main-track train derailments	6	4	6	57	75	67
All others	0	1	1	4	2	4
Accidents with a DG release	0	0	0	1	4	3
Accidents involving passenger trains	5	3	3	47	41	42
Accidents involving runaway rolling stock	1	6	3	25	21	21
Fatalities	4	2	6	50	33	63
Crossings	3	1	2	16	7	20
Trespassers	1	1	4	34	25	31
All others	0	0	0	0	1	12
Serious Injuries	4	6	7	44	41	43
Crossings	1	4	5	20	13	20
Trespassers	2	1	1	15	17	15
All others	1	1	0	9	11	8

Data extracted October 17, 2016.

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)

New TSB regulations came into effect on July 1, 2014, changing some reporting requirements.

* Under new reporting requirements all derailments are reportable.

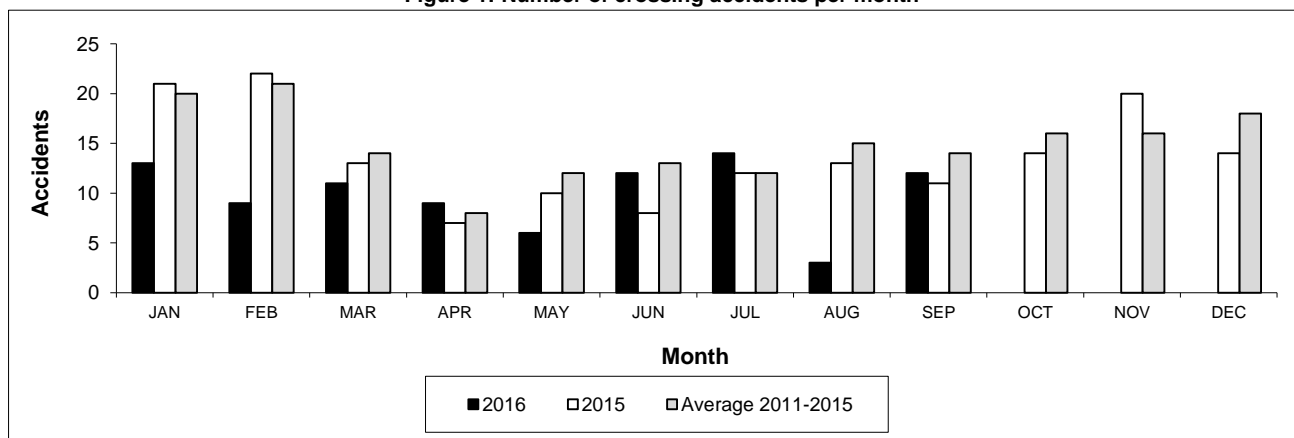
** Under new reporting requirements the minimum reporting threshold for incidents (200 litres) involving the release of low vapour pressure flammable liquids has been harmonized with Part 8 of the Transportation of Dangerous Goods Regulations.

Table 2

Railway crossing and trespasser accidents by province

	Crossings with Type Recorded				All Crossings		Trespasser	
	2016 - Year To Date*				Year To Date*		Year To Date*	
	Public Automated	Public Passive	Private	Farm	2016	2015	2016	2015
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	0	0	0	0	2	1	0
Fatalities	0	0	0	0	0	0	2	0
Serious injuries	0	0	0	0	0	0	0	0
New Brunswick								
Accidents	1	0	1	0	2	6	1	0
Fatalities	1	0	0	0	1	0	0	0
Serious injuries	0	0	0	0	0	0	1	0
Quebec								
Accidents	11	4	2	1	18	22	3	3
Fatalities	1	0	0	0	1	1	2	3
Serious injuries	6	1	1	0	8	1	1	0
Ontario								
Accidents	10	2	5	1	18	19	16	21
Fatalities	3	0	0	0	3	3	12	12
Serious injuries	2	0	1	0	3	0	4	8
Manitoba								
Accidents	3	3	1	0	7	12	2	0
Fatalities	1	1	0	0	2	0	1	0
Serious injuries	0	1	0	0	1	1	1	0
Saskatchewan								
Accidents	6	8	0	0	14	17	2	4
Fatalities	0	4	0	0	4	0	2	1
Serious injuries	1	1	0	0	2	2	0	4
Alberta								
Accidents	10	5	2	0	17	26	8	4
Fatalities	1	2	0	0	3	2	3	3
Serious injuries	5	0	1	0	6	4	3	1
British Columbia								
Accidents	7	1	5	0	13	13	19	12
Fatalities	2	0	0	0	2	1	12	6
Serious injuries	0	0	0	0	0	5	5	4
Northwest Territories								
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
Canada								
Accidents	48	23	16	2	89	117	52	44
Fatalities	9	7	0	0	16	7	34	25
Serious injuries	14	3	3	0	20	13	15	17

Figure 1: Number of crossing accidents per month



Data extracted October 17, 2016.

*Year to date is from January to September.

New TSB regulations came into effect on July 1, 2014, changing some reporting requirements.

Table 3

Main-track train derailments by province*

	January to September			Derailments with DG Involvement January to September		
	2016	2015	2011-2015 Average	2016	2015	2011-2015 Average
Canada	40	62	71	7	11	13
Newfoundland	0	0	1	0	0	0
Nova Scotia	0	0	0	0	0	0
New Brunswick	1	2	1	1	1	1
Quebec	7	6	7	0	0	1
Ontario	13	19	15	4	6	4
Manitoba	4	4	8	0	1	1
Saskatchewan	2	6	7	1	1	1
Alberta	7	11	16	0	2	4
British Columbia	6	14	16	1	0	1
Northwest Territories	0	0	0	0	0	0

* There were no occurrences with dangerous goods release to date in 2016 and 3 in 2015.

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

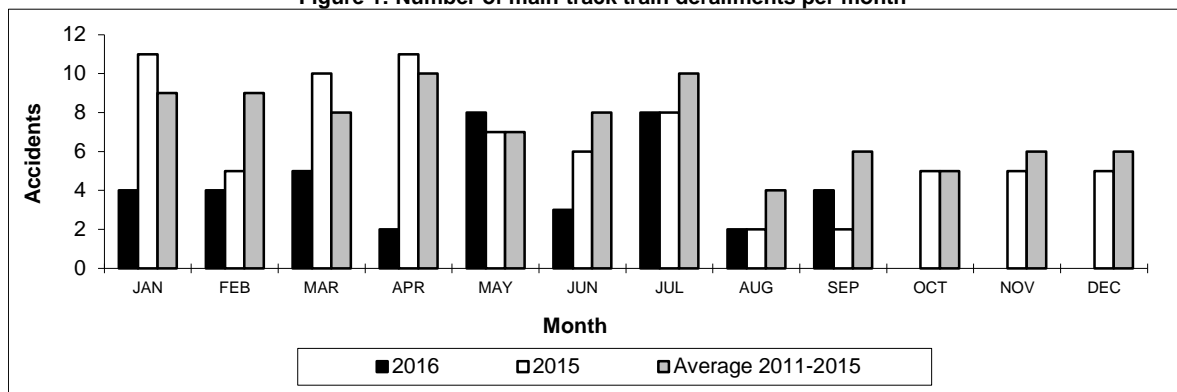
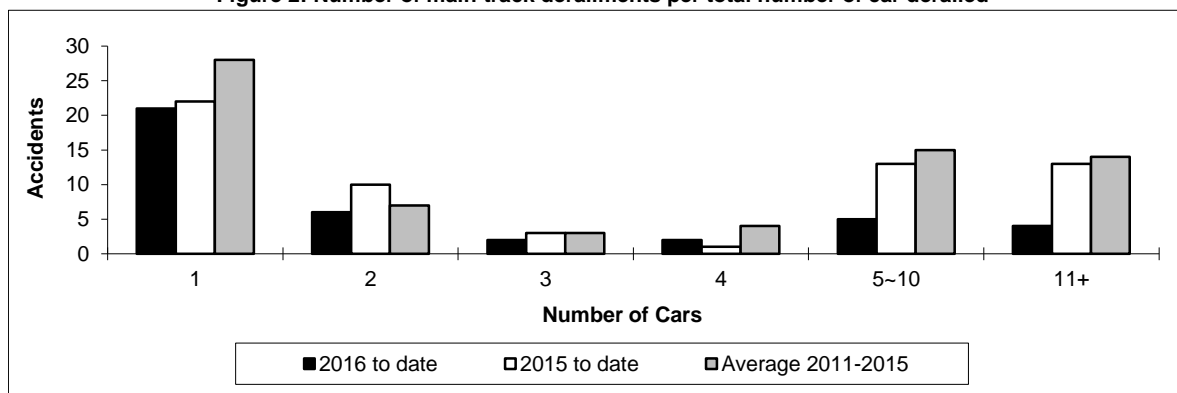


Figure 2: Number of main-track derailments per total number of car derailed



Data extracted October 17, 2016.

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

New TSB regulations came into effect on July 1, 2014, changing some reporting requirements.

* Under new reporting requirements all derailments are reportable.

Table 4
Non main-track train collisions by province

	January to September			Collisions with DG Involvement January to September		
	2016	2015	2011-2015 Average	2016	2015	2011-2015 Average
Canada	49	76	74	15	25	21
Newfoundland	0	0	0	0	0	0
Nova Scotia	0	0	0	0	0	0
New Brunswick	1	0	2	1	0	0
Quebec	6	10	8	0	5	3
Ontario	14	17	14	6	4	4
Manitoba	8	12	13	2	4	4
Saskatchewan	4	7	9	0	3	2
Alberta	11	12	17	4	6	5
British Columbia	5	17	12	2	2	4
Northwest Territories	0	1	0	0	1	0

* There were no occurrences with dangerous goods release to date in 2016 or in 2015.

Figure 1: Number of non main-track train collisions per month

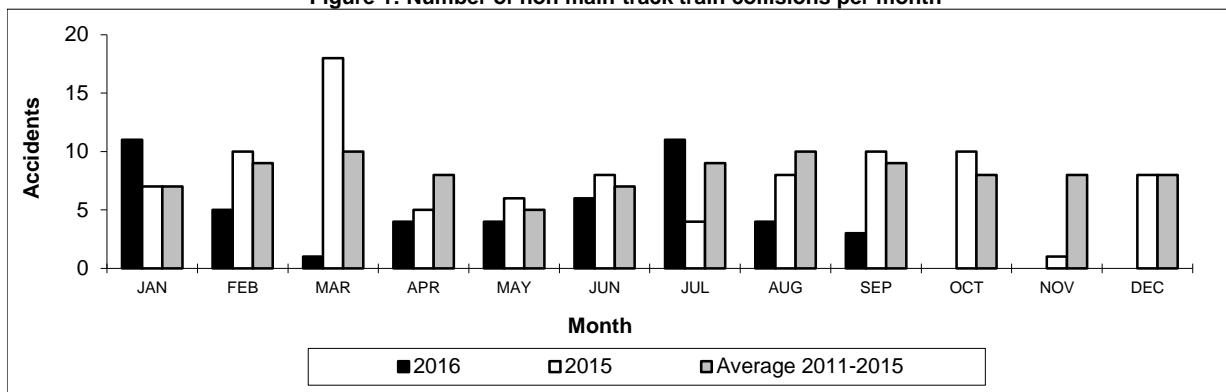
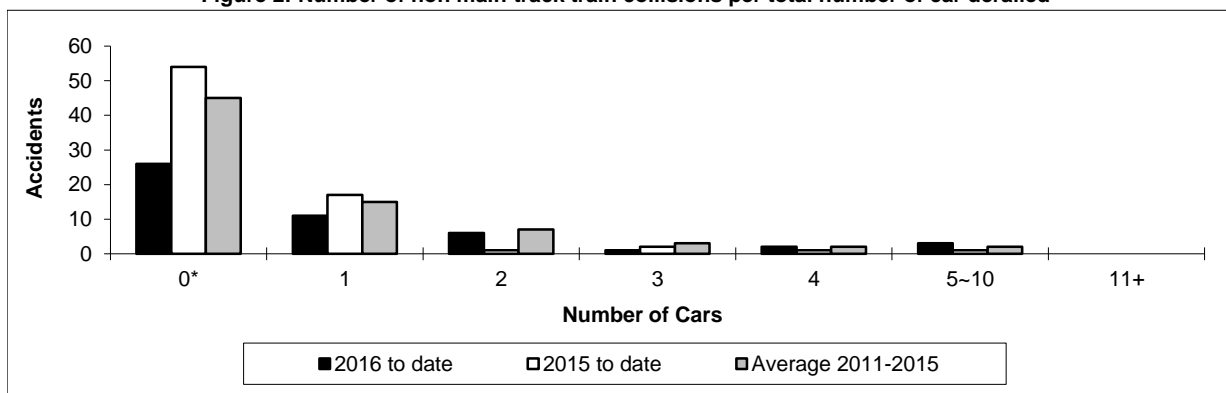


Figure 2: Number of non main-track train collisions per total number of car derailed



Data extracted October 17, 2016.

* Number of collisions with no derailments.

New TSB regulations came into effect on July 1, 2014, changing some reporting requirements.

Table 5

Non main-track train derailments by province*

	January to September			Derailments with DG Involvement January to September		
	2016	2015	2011-2015 Average	2016	2015	2011-2015 Average
Canada	401	499	437	57	75	67
Newfoundland	12	3	1	0	0	0
Nova Scotia	2	4	2	0	1	0
New Brunswick	11	11	9	6	3	2
Quebec	68	83	53	5	8	7
Ontario	79	98	82	14	15	14
Manitoba	50	61	59	6	12	7
Saskatchewan	50	49	57	4	6	7
Alberta	64	106	106	15	21	23
British Columbia	65	84	68	7	9	7
Northwest Territories	0	0	1	0	0	1

* There were no occurrences with dangerous goods release to date in 2016 and 1 in 2015.

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

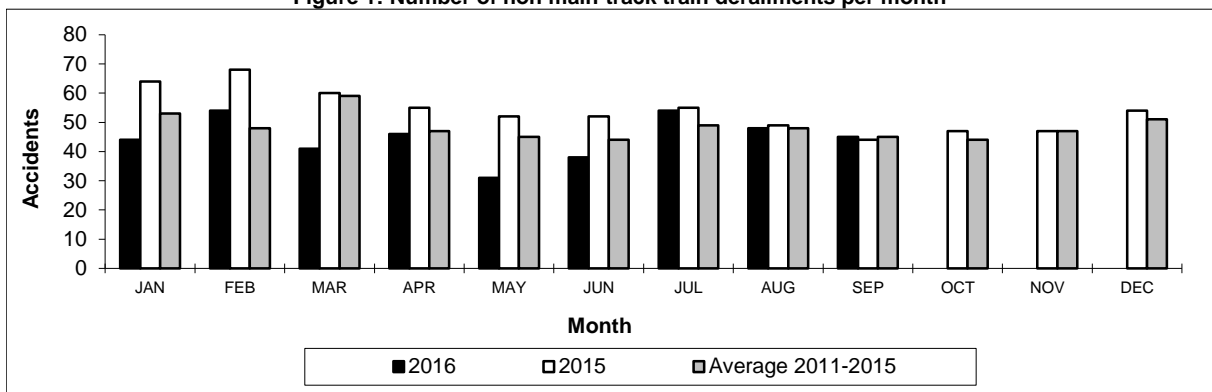
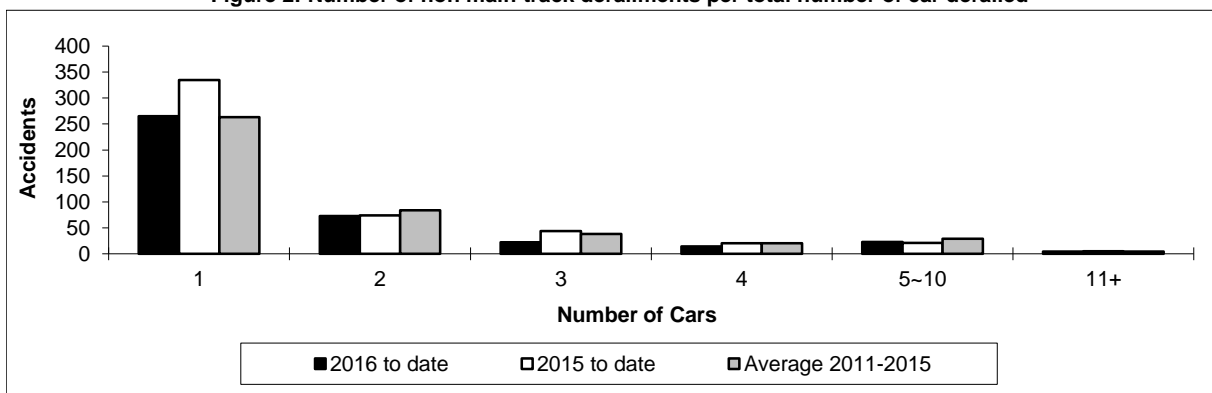


Figure 2: Number of non main-track derailments per total number of car derailed



Data extracted October 17, 2016.

New TSB regulations came into effect on July 1, 2014, changing some reporting requirements.

* Under new reporting requirements all derailments are reportable.