

Table 1

Railway Occurrence and Casualty

	December			January to December		
	2016	2015	2011-2015 Average	2016	2015	2011-2015 Average
Accidents	94	88	96	1032	1201	1132
Main-track train collisions	1	0	0	5	4	5
Main-track train derailments - 1-2 cars*	2	2	3	38	42	45
Main-track train derailments - 3-5 cars	0	2	1	7	8	12
Main-track train derailments - 6 or more cars	6	1	2	18	27	31
Crossings	20	14	18	133	165	179
Non-main-track train collisions	11	8	8	73	96	99
Non-main-track train derailments - 1-2 cars*	33	46	43	440	534	464
Non-main-track train derailments - 3-5 cars	4	6	7	59	87	87
Non-main-track train derailments - 6 or more cars	1	2	1	27	26	28
Collisions/Derailments involving track units	3	0	1	36	53	37
Employee/Passenger	4	1	1	16	15	11
Trespassers	0	1	2	69	50	60
Fires/Explosions	1	1	1	35	32	24
Other	8	4	6	76	62	49
Incidents	10	10	16	187	216	226
Dangerous goods leaker**	1	0	3	30	33	72
Main-track switch in abnormal position	1	0	0	7	13	8
Movement exceeds limits of authority	6	8	12	132	142	121
Runaway rolling stock	0	1	1	9	14	14
Others	0	1	0	6	13	10
Million train-miles (a)				81.13	84.96	85.71
Accidents/Million train-miles				12.72	14.14	13.21
Accidents involving dangerous goods	11	10	10	107	145	141
Main-track train derailments	1	0	1	10	12	15
Crossings	1	0	0	4	4	4
Non-main-track train collisions	3	3	2	19	33	28
Non-main-track train derailments	4	7	7	67	92	90
All others	2	0	0	7	4	5
Accidents with a DG release	0	1	0	2	6	5
Accidents involving passenger trains	7	5	5	68	57	55
Accidents involving runaway rolling stock	3	3	3	33	29	30
Fatalities	0	2	3	65	46	76
Crossings	0	1	1	19	15	25
Trespassers	0	1	2	46	30	38
All others	0	0	0	0	1	13
Serious Injuries	2	4	4	56	50	53
Crossings	0	3	3	24	18	26
Trespassers	0	0	1	20	17	18
All others	2	1	1	12	15	10

Data extracted January 16, 2017.

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.

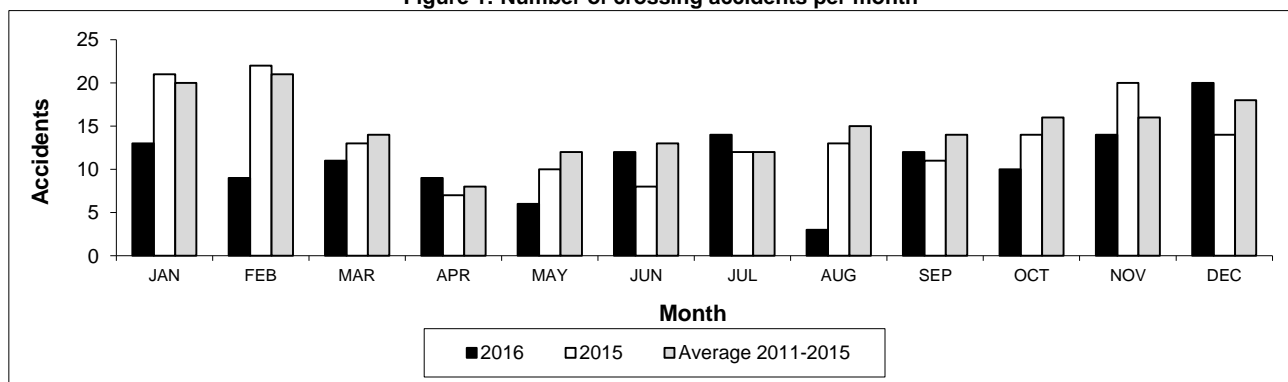
* Under new reporting requirements all derailments are reportable.

** 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 2016 - Year To Date*				All Crossings Year To Date*		Trespasser 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	1	0	0	0	1	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	2	0	1	1	4	7	1	1
Fatalities	2	0	0	0	2	0	0	1
Serious injuries	0	0	0	0	0	0	1	0
Quebec								
Accidents	17	6	4	2	29	28	3	5
Fatalities	3	0	0	0	3	4	2	5
Serious injuries	6	1	1	0	8	2	1	0
Ontario								
Accidents	14	3	8	1	26	29	25	23
Fatalities	3	0	0	0	3	5	19	13
Serious injuries	3	0	1	0	4	0	6	8
Manitoba								
Accidents	5	6	3	0	14	19	4	1
Fatalities	1	1	0	0	2	1	2	1
Serious injuries	1	2	0	0	3	2	2	0
Saskatchewan								
Accidents	8	11	0	0	19	23	3	4
Fatalities	0	4	0	0	4	0	2	1
Serious injuries	1	1	0	0	2	2	1	4
Alberta								
Accidents	14	5	2	0	21	38	10	4
Fatalities	1	2	0	0	3	3	4	3
Serious injuries	5	0	1	0	6	6	4	1
British Columbia								
Accidents	8	5	5	0	19	19	22	12
Fatalities	2	0	0	0	2	2	15	6
Serious injuries	0	1	0	0	1	6	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	69	36	23	4	133	165	69	50
Fatalities	12	7	0	0	19	15	46	30
Serious injuries	16	5	3	0	24	18	20	17

Figure 1: Number of crossing accidents per month



Data extracted January 16, 2017.

*Year to date is from January to December.

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

Table 3

Main-track train derailments by province*

	January to December			Derailments with DG Involvement January to December		
	2016	2015	2011-2015 Average	2016	2015	2011-2015 Average
Canada	63	77	88	10	12	15
Newfoundland	0	0	1	0	0	0
Nova Scotia	1	0	0	0	0	0
New Brunswick	1	2	1	1	1	1
Quebec	8	9	9	0	0	2
Ontario	16	21	18	6	6	4
Manitoba	4	4	9	0	1	1
Saskatchewan	6	9	9	1	1	2
Alberta	13	17	21	1	3	4
British Columbia	14	15	19	1	0	2
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

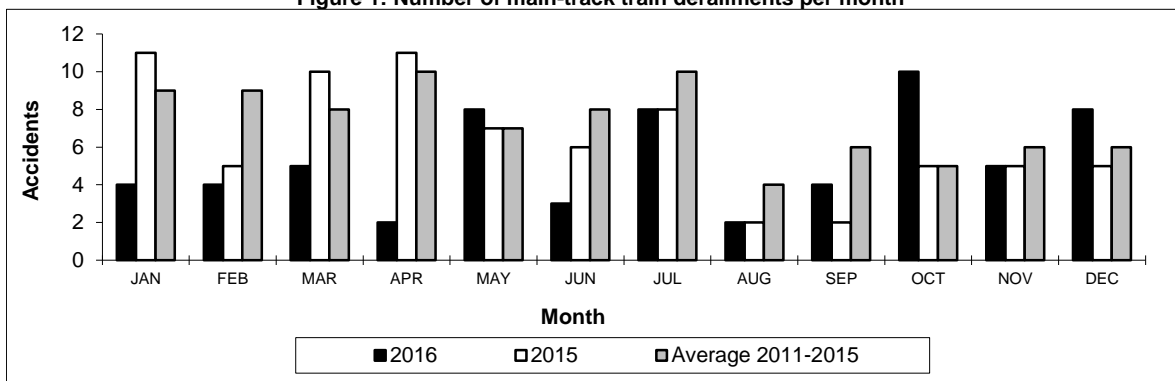
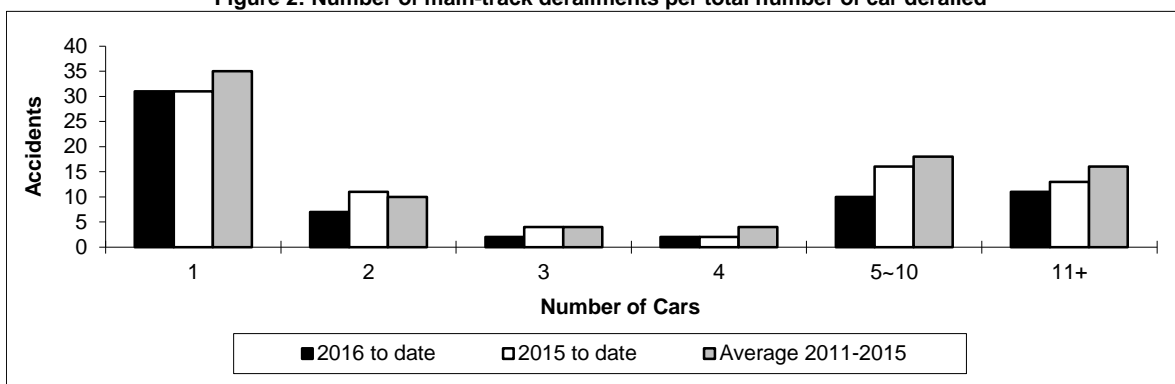


Figure 2: Number of main-track derailments per total number of car derailed



Data extracted January 16, 2017.

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 December			Collisions with DG Involvement January to December		
	2016	2015	2011-2015 Average	2016	2015	2011-2015 Average
Canada	73	96	99	19	33	28
Newfoundland	0	0	0	0	0	0
Nova Scotia	0	0	0	0	0	0
New Brunswick	1	0	2	1	0	0
Quebec	7	11	9	0	6	4
Ontario	20	20	18	7	4	5
Manitoba	12	15	17	4	7	5
Saskatchewan	5	9	13	0	4	3
Alberta	19	18	23	4	7	6
British Columbia	9	22	17	3	4	5
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

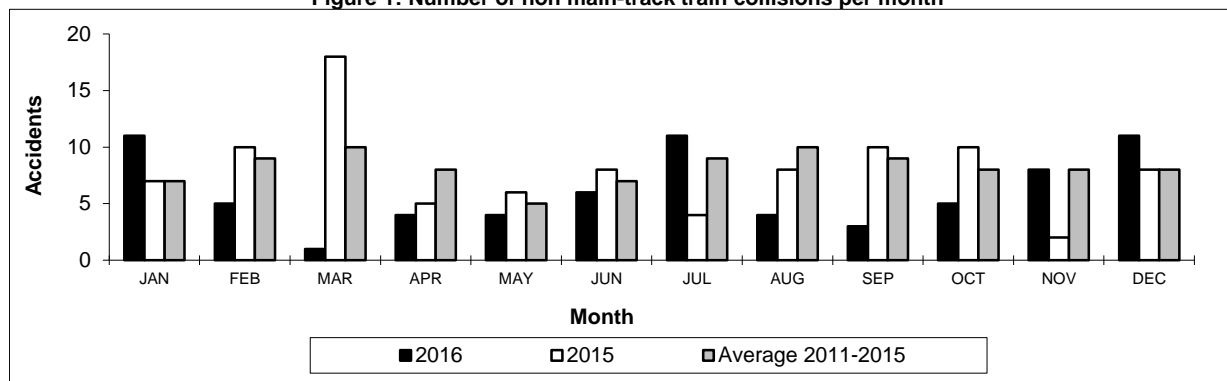
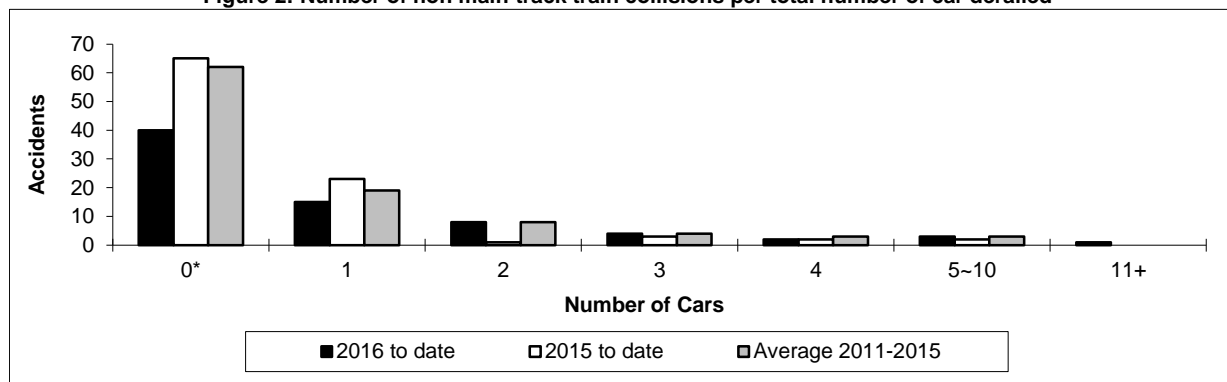


Figure 2: Number of non main-track train collisions per total number of car derailed



Data extracted January 16, 2017.

* 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 December			Derailments with DG Involvement January to December		
	2016	2015	2011-2015 Average	2016	2015	2011-2015 Average
Canada	526	647	579	67	92	90
Newfoundland	12	6	2	0	0	0
Nova Scotia	3	6	4	0	1	1
New Brunswick	13	15	11	6	3	2
Quebec	85	102	71	6	11	9
Ontario	104	139	111	15	18	17
Manitoba	71	84	77	8	14	8
Saskatchewan	66	63	76	5	10	9
Alberta	85	122	138	18	23	32
British Columbia	87	110	89	9	12	11
Northwest Territories	0	0	1	0	0	1

* There were no occurrences with dangerous goods release to date in 2016 and 2 in 2015.

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

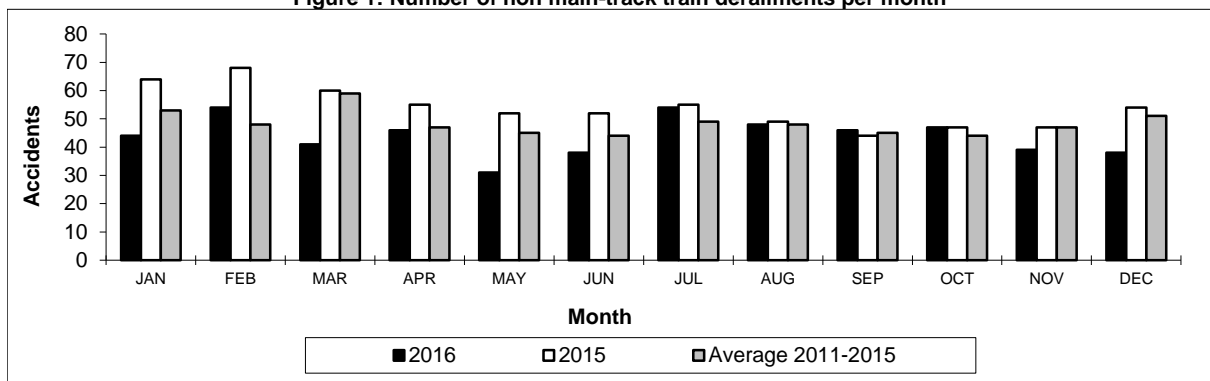
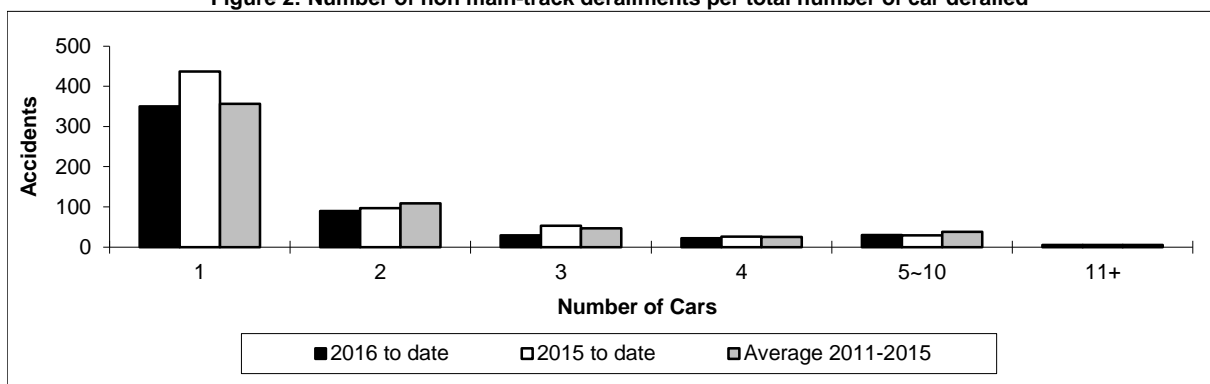


Figure 2: Number of non main-track derailments per total number of car derailed



Data extracted January 16, 2017.

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

* Under new reporting requirements all derailments are reportable.