

Table 1

Railway occurrence and casualty

	March			January to March		
	2018	2017	2013-2017 average	2018	2017	2013-2017 average
Accidents	105	113	97	333	292	273
Main-track train collisions	0	1	0	1	1	2
Main-track train derailments - 1-2 cars*	6	4	4	17	16	13
Main-track train derailments - 3-5 cars	1	1	1	1	2	3
Main-track train derailments - 6 or more cars	0	1	1	9	2	5
Crossings	16	10	14	51	38	48
Non-main-track train collisions	15	12	9	38	32	26
Non-main-track train derailments - 1-2 cars*	43	56	41	137	119	107
Non-main-track train derailments - 3-5 cars	10	6	6	30	20	18
Non-main-track train derailments - 6 or more cars	2	2	3	7	8	6
Collisions/Derailments involving track units	1	4	3	10	10	9
Employee/Passenger	0	1	1	0	4	4
Trespassers	5	6	4	12	16	11
Fires/Explosions	3	3	2	6	6	6
Other	3	6	6	14	18	13
Incidents	37	26	32	93	91	97
Main-track train derailments - 1-2 cars* (no damage)	1	0	0	1	0	1
Non-main-track train collisions* (no derailment, no damage)	0	0	0	0	2	1
Non-main-track train derailments - 1-2 cars* (no damage)	14	13	11	43	33	38
Dangerous goods leaker**	6	0	4	12	3	11
Main-track switch in abnormal position	4	2	2	4	3	3
Movement exceeds limits of authority	9	7	9	26	36	30
Runaway rolling stock	2	0	1	4	5	4
Others	1	4	4	3	9	10
Million train-miles (a)				20.71	20.57	20.86
Accidents/Million train-miles				16.08	14.20	13.09
Accidents involving dangerous goods	11	13	15	37	34	39
Main-track train derailments	1	0	1	5	1	3
Crossings	2	1	1	5	3	2
Non-main-track train collisions	4	5	3	8	14	11
Non-main-track train derailments	3	5	9	18	13	20
All others	1	2	1	1	3	2
Accidents with a DG release	0	0	0	2	1	2
Accidents involving passenger trains	3	3	3	11	13	13
Accidents involving runaway rolling stock	3	4	5	9	11	10
Fatalities	1	7	5	6	14	14
Crossings	0	1	1	3	3	5
Trespassers	1	6	4	3	11	8
All others	0	0	0	0	0	1
Serious Injuries	8	5	4	23	16	13
Crossings	4	3	2	14	7	7
Trespassers	4	0	1	8	4	3
All others	0	2	1	1	5	3

Data extracted April 17, 2018.

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. The TSB has reviewed derailments and collisions back to January 1, 2014 and recategorized occurrences with minimal consequences as reportable incidents including: derailments involving 1 to 2 cars, with no equipment or track damage, no injuries, no fires, and no release of dangerous goods; Non-main-track collisions, with no equipment or track damage, no injuries, no fires, no release of dangerous goods, and did not foul the main track.

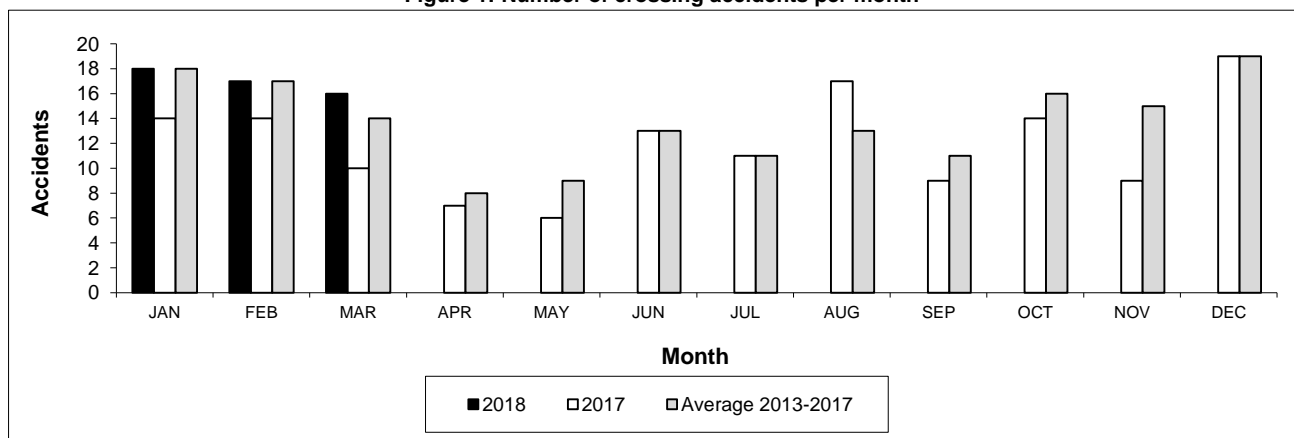
** Under new reporting requirements the minimum reporting threshold for incidents (200 litres) involving the release of low vapour pressure flammable liquids has been harmonized with Part 8 of the Transportation of Dangerous Goods Regulations.

Table 2

Railway crossing and trespasser accidents by province

	Crossings with type recorded 2018 - Year to date*				All crossings Year to date*		Trespasser Year to date*	
	Public automated	Public passive	Private	Farm	2018	2017	2018	2017
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	1	0	0
Fatalities	0	0	0	0	0	0	0	0
Serious injuries	0	0	0	0	0	0	0	0
New Brunswick								
Accidents	1	0	0	0	1	0	0	0
Fatalities	0	0	0	0	0	0	0	0
Serious injuries	0	0	0	0	0	0	0	0
Quebec								
Accidents	4	0	1	0	6	6	3	2
Fatalities	0	0	0	0	0	1	1	1
Serious injuries	0	0	0	0	3	1	2	1
Ontario								
Accidents	7	4	0	0	11	7	6	12
Fatalities	2	1	0	0	3	1	2	8
Serious injuries	1	1	0	0	2	1	3	3
Manitoba								
Accidents	2	2	0	0	4	4	0	0
Fatalities	0	0	0	0	0	1	0	0
Serious injuries	3	2	0	0	5	0	0	0
Saskatchewan								
Accidents	4	3	0	0	7	3	0	0
Fatalities	0	0	0	0	0	0	0	0
Serious injuries	1	0	0	0	1	0	0	0
Alberta								
Accidents	7	3	2	0	13	12	2	1
Fatalities	0	0	0	0	0	0	0	1
Serious injuries	1	0	0	0	1	3	2	0
British Columbia								
Accidents	4	1	3	0	9	5	1	1
Fatalities	0	0	0	0	0	0	0	1
Serious injuries	2	0	0	0	2	2	1	0
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	29	13	6	0	51	38	12	16
Fatalities	2	1	0	0	3	3	3	11
Serious injuries	8	3	0	0	14	7	8	4

Figure 1: Number of crossing accidents per month



Data extracted April 17, 2018.

*Year to date is from January to March.

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

Table 3

Main-track train derailment accidents and incidents by province*

	January to March			Derailments with DG involvement January to March		
	2018	2017	2013-2017 average	2018	2017	2013-2017 average
Canada	28	20	22	5	1	3
Newfoundland	0	0	0	0	0	0
Nova Scotia	0	0	0	0	0	0
New Brunswick	0	0	0	0	0	0
Quebec	3	3	3	0	1	0
Ontario	5	2	6	1	0	2
Manitoba	3	0	1	1	0	0
Saskatchewan	3	3	2	0	0	0
Alberta	8	4	3	2	0	0
British Columbia	6	8	5	1	0	0
Northwest Territories	0	0	0	0	0	0

* There were no occurrences with dangerous goods release to date in 2018 and 1 in 2017.

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

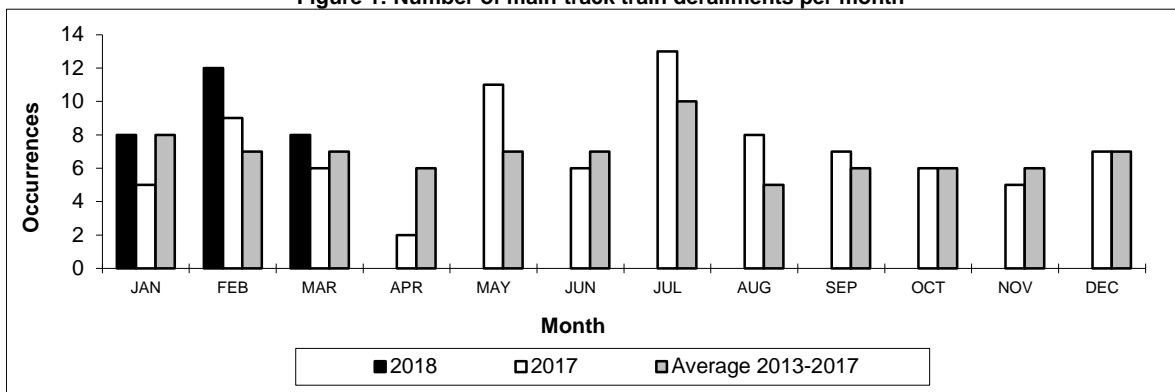
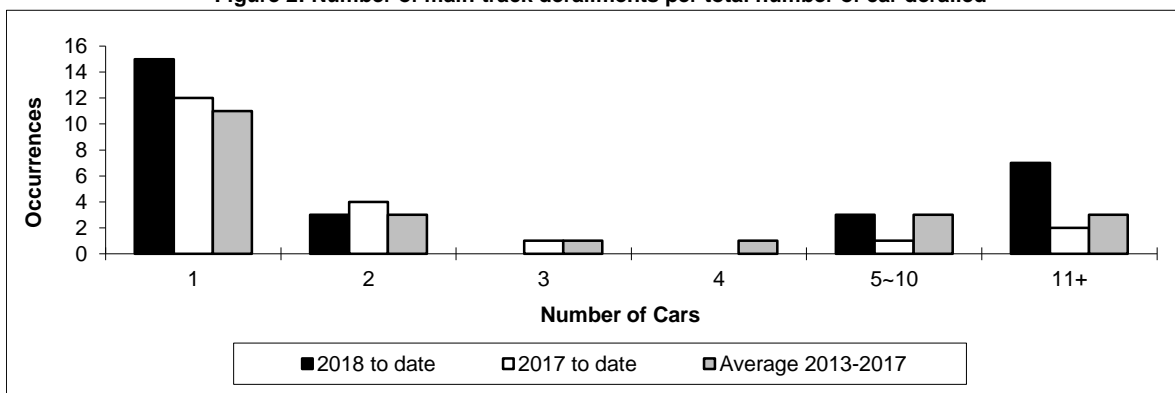


Figure 2: Number of main-track derailments per total number of car derailed



Data extracted April 17, 2018.

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 collision accidents and incidents by province

	January to March			Collisions with DG involvement January to March		
	2018	2017	2013-2017 average	2018	2017	2013-2017 average
Canada	38	34	28	8	14	11
Newfoundland	0	0	0	0	0	0
Nova Scotia	0	1	0	0	0	0
New Brunswick	1	0	0	0	0	0
Quebec	1	4	2	1	1	1
Ontario	9	7	5	2	4	2
Manitoba	3	7	7	1	3	3
Saskatchewan	3	4	3	0	1	1
Alberta	9	5	5	2	3	3
British Columbia	12	6	4	2	2	1
Northwest Territories	0	0	0	0	0	0

* There were no occurrences with dangerous goods release to date in 2018 or in 2017.

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

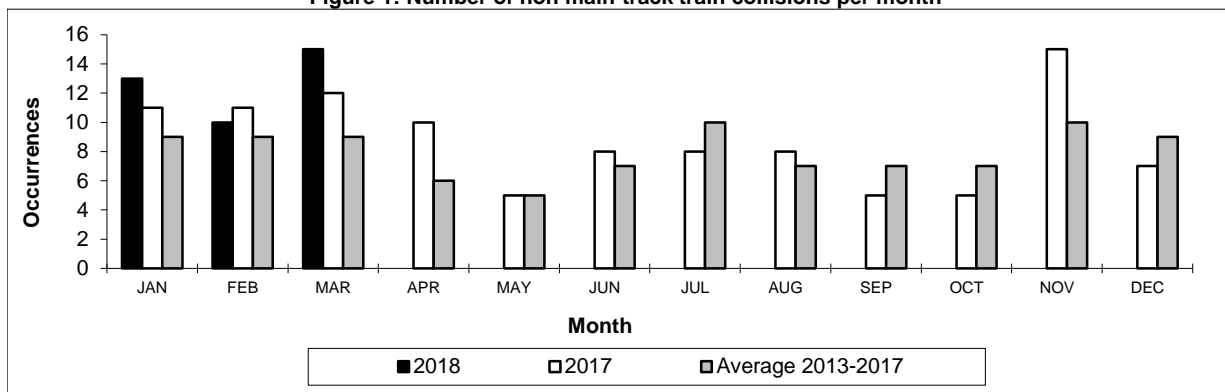
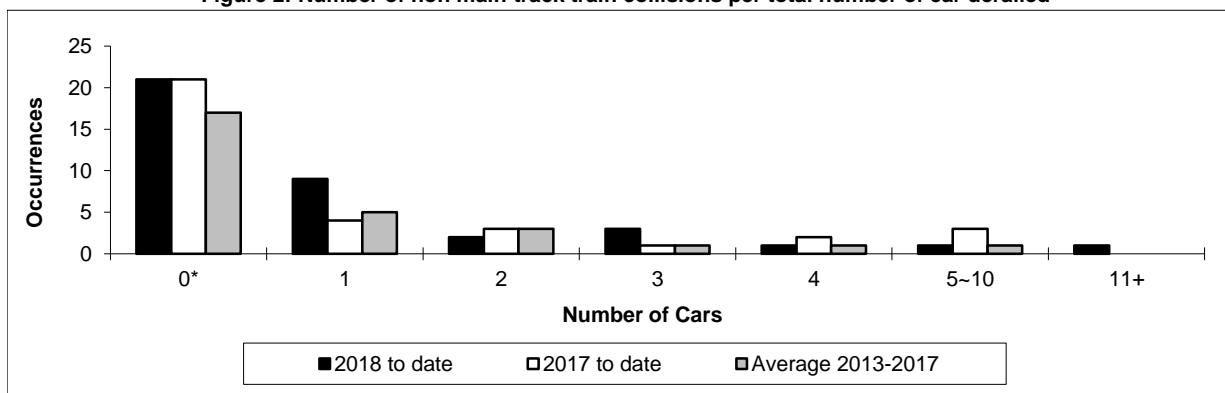


Figure 2: Number of non main-track train collisions per total number of car derailed



Data extracted April 17, 2018.

* 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 derailment accidents and incidents by province*

	January to March			Derailments with DG involvement January to March		
	2018	2017	2013-2017 average	2018	2017	2013-2017 average
Canada	217	180	169	24	14	27
Newfoundland	3	3	2	0	0	0
Nova Scotia	2	0	1	1	0	0
New Brunswick	2	2	2	0	1	1
Quebec	40	41	25	7	1	2
Ontario	29	26	29	3	4	6
Manitoba	25	19	25	4	2	3
Saskatchewan	25	17	19	0	2	3
Alberta	43	37	37	4	3	9
British Columbia	48	35	27	5	1	3
Northwest Territories	0	0	0	0	0	0

* There were no occurrences with dangerous goods release to date in 2018 or in 2017.

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

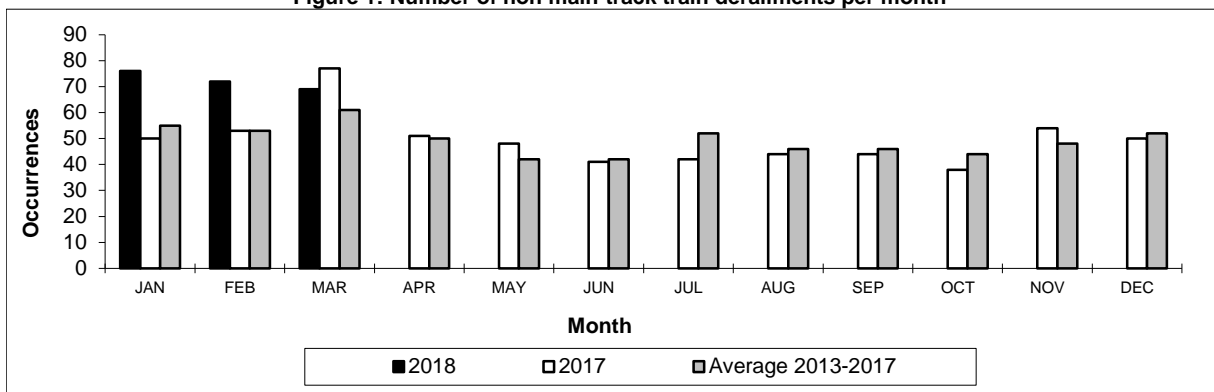
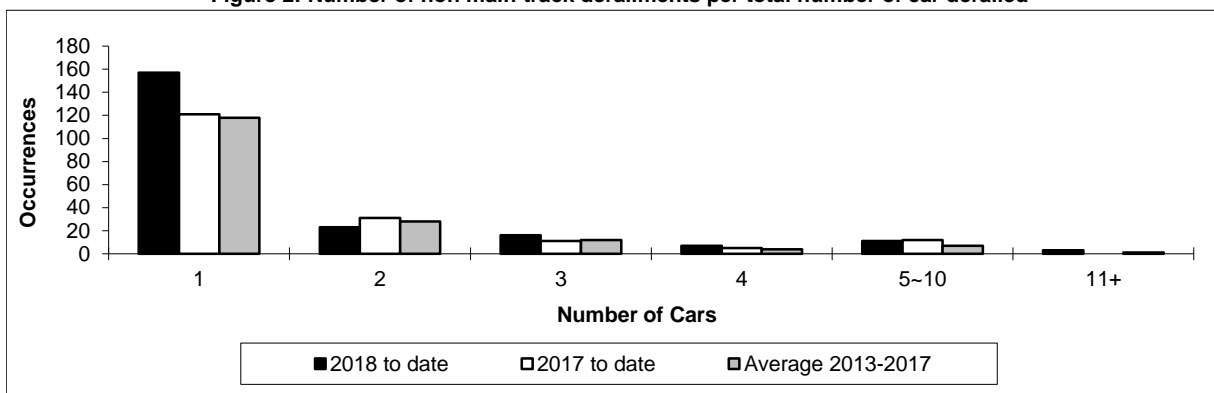


Figure 2: Number of non main-track derailments per total number of car derailed



Data extracted April 17, 2018.

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

* Under new reporting requirements all derailments are reportable.