

Table 1

Railway occurrence and casualty

	April			January to April		
	2018	2017	2013-2017 average	2018	2017	2013-2017 average
Accidents	103	83	80	436	375	353
Main-track train collisions	1	0	0	2	1	2
Main-track train derailments - 1-2 cars*	1	2	4	18	18	17
Main-track train derailments - 3-5 cars	2	0	1	3	2	4
Main-track train derailments - 6 or more cars	5	0	2	14	2	7
Crossings	7	7	8	58	45	57
Non-main-track train collisions	12	10	6	50	42	32
Non-main-track train derailments - 1-2 cars*	41	37	34	178	156	141
Non-main-track train derailments - 3-5 cars	10	7	7	40	27	25
Non-main-track train derailments - 6 or more cars	1	3	4	8	11	10
Collisions/Derailments involving track units	2	5	3	12	15	11
Employee/Passenger	1	1	1	1	5	5
Trespassers	8	6	4	20	22	16
Fires/Explosions	4	1	2	10	7	9
Other	8	4	4	22	22	17
Incidents	20	19	23	112	110	120
Main-track train derailments - 1-2 cars* (no damage)	0	0	0	1	0	1
Non-main-track train collisions* (no derailment, no damage)	0	0	0	0	2	2
Non-main-track train derailments - 1-2 cars* (no damage)	4	4	5	47	37	43
Dangerous goods leaker**	1	2	4	13	5	15
Main-track switch in abnormal position	1	1	1	5	4	3
Movement exceeds limits of authority	11	9	9	36	45	38
Runaway rolling stock	0	2	1	4	7	5
Others	3	1	2	6	10	12
Million train-miles (a)				27.73	27.52	28.04
Accidents/Million train-miles				15.72	13.63	12.59
Accidents involving dangerous goods	14	2	7	51	36	46
Main-track train derailments	1	0	1	6	1	4
Crossings	0	0	0	5	3	2
Non-main-track train collisions	4	1	1	12	15	13
Non-main-track train derailments	7	1	5	25	14	25
All others	2	0	1	3	3	2
Accidents with a DG release	1	0	1	3	1	2
Accidents involving passenger trains	8	3	4	19	16	16
Accidents involving runaway rolling stock	6	3	3	15	14	13
Fatalities	4	4	5	10	18	18
Crossings	0	0	2	3	3	7
Trespassers	4	4	3	7	15	11
All others	0	0	0	0	0	1
Serious Injuries	5	4	3	28	20	16
Crossings	0	2	1	14	9	8
Trespassers	4	1	1	12	5	4
All others	1	1	1	2	6	4

Data extracted May 15, 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.

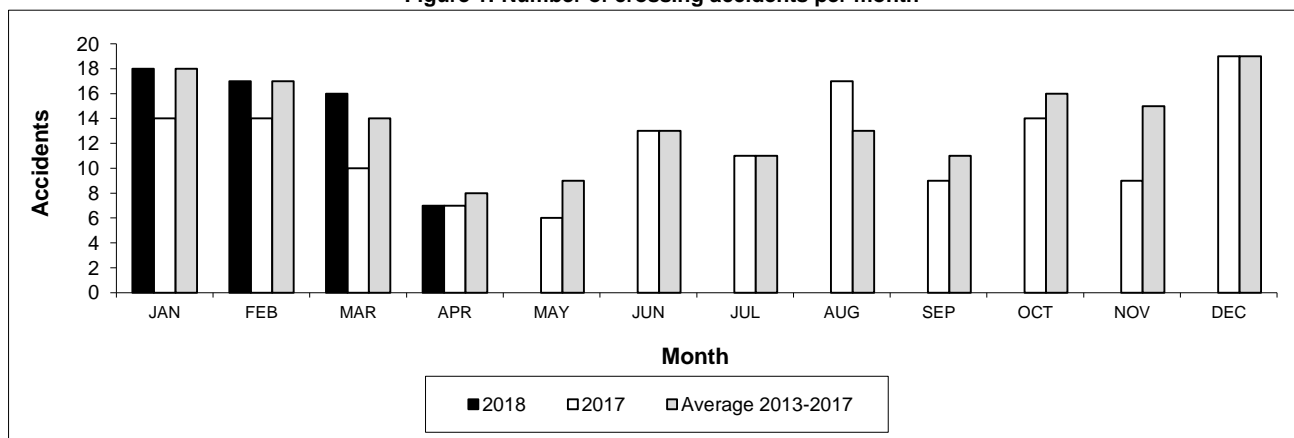
** Under new reporting requirements the minimum reporting threshold for incidents (200 litres) involving the release of low vapour pressure flammable liquids has been harmonized with Part 8 of the Transportation of Dangerous Goods Regulations.

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	1	0	1	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	5	0	2	0	7	6	4	3
Fatalities	0	0	0	0	0	1	2	2
Serious injuries	0	0	3	0	3	1	2	1
Ontario								
Accidents	7	5	1	0	13	9	10	14
Fatalities	2	1	0	0	3	1	4	9
Serious injuries	1	1	0	0	2	1	5	4
Manitoba								
Accidents	2	2	0	0	4	6	0	0
Fatalities	0	0	0	0	0	1	0	0
Serious injuries	3	2	0	0	5	1	0	0
Saskatchewan								
Accidents	4	4	0	0	8	4	1	0
Fatalities	0	0	0	0	0	0	0	0
Serious injuries	1	0	0	0	1	0	1	0
Alberta								
Accidents	7	6	2	0	15	13	3	1
Fatalities	0	0	0	0	0	0	1	1
Serious injuries	1	0	0	0	1	3	2	0
British Columbia								
Accidents	4	2	3	0	9	6	2	4
Fatalities	0	0	0	0	0	0	0	3
Serious injuries	2	0	0	0	2	3	2	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	30	19	9	0	58	45	20	22
Fatalities	2	1	0	0	3	3	7	15
Serious injuries	8	3	3	0	14	9	12	5

Figure 1: Number of crossing accidents per month



Data extracted May 15, 2018.

*Year to date is from January to April.

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 April			Derailments with DG involvement January to April		
	2018	2017	2013-2017 average	2018	2017	2013-2017 average
Canada	36	22	29	6	1	4
Newfoundland	0	0	0	0	0	0
Nova Scotia	0	0	0	0	0	0
New Brunswick	0	0	1	0	0	1
Quebec	4	3	4	0	1	0
Ontario	6	3	8	1	0	2
Manitoba	3	0	2	1	0	0
Saskatchewan	5	3	3	0	0	0
Alberta	10	4	5	2	0	0
British Columbia	8	9	6	2	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

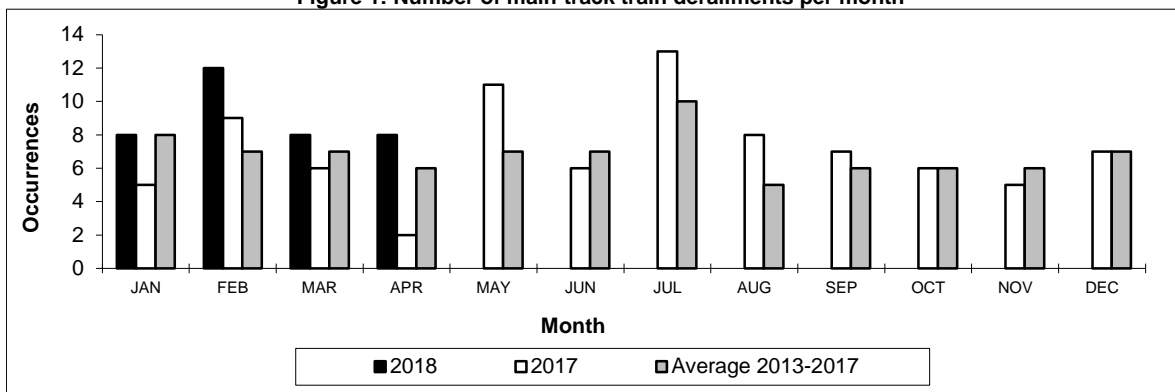
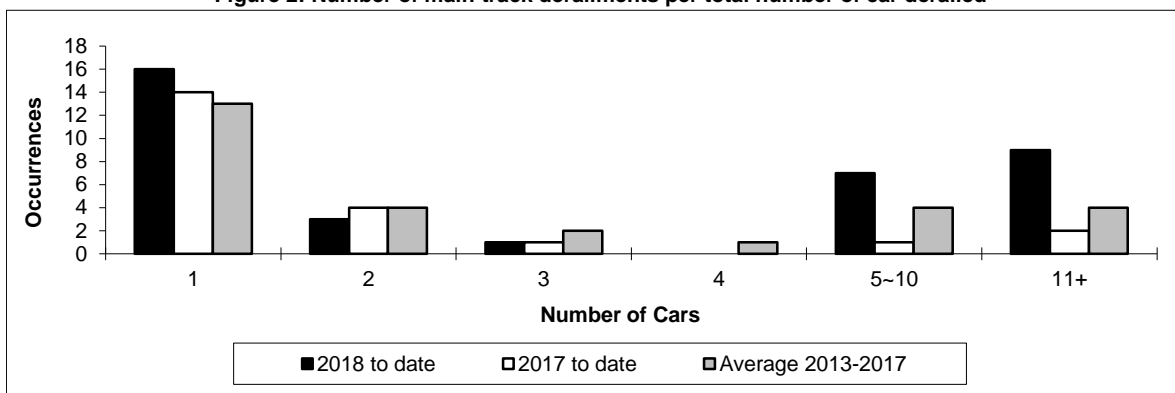


Figure 2: Number of main-track derailments per total number of cars derailed



Data extracted May 15, 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 April			Collisions with DG involvement January to April		
	2018	2017	2013-2017 average	2018	2017	2013-2017 average
Canada	50	44	34	12	15	13
Newfoundland	0	0	0	0	0	0
Nova Scotia	0	1	0	0	0	0
New Brunswick	1	0	1	0	0	0
Quebec	1	4	3	1	1	1
Ontario	10	10	6	2	5	3
Manitoba	3	8	8	1	3	3
Saskatchewan	7	4	4	1	1	1
Alberta	14	6	7	5	3	3
British Columbia	14	11	5	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

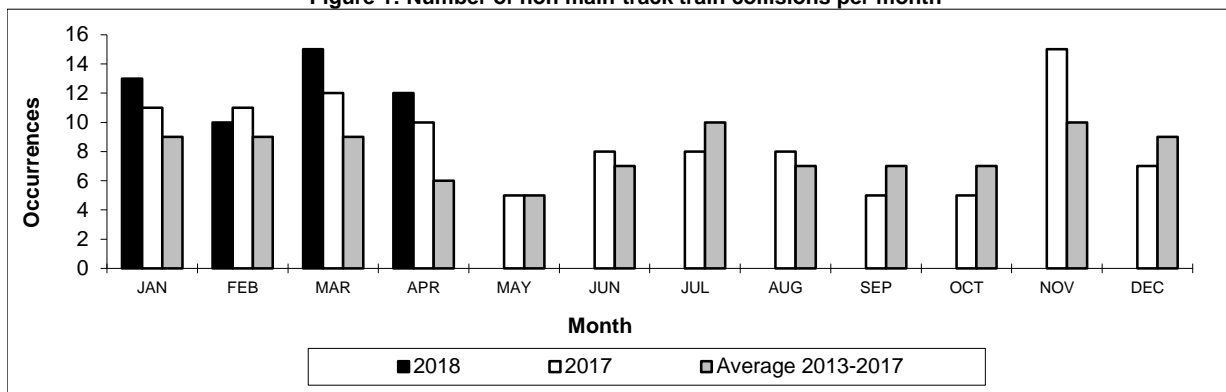
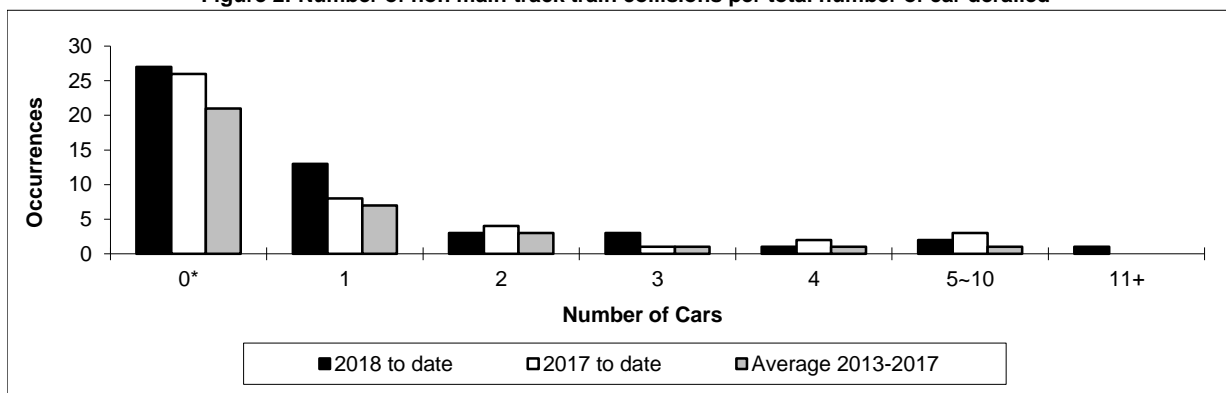


Figure 2: Number of non main-track train collisions per total number of car derailed



Data extracted May 15, 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 April			Derailments with DG involvement January to April		
	2018	2017	2013-2017 average	2018	2017	2013-2017 average
Canada	273	231	219	31	15	32
Newfoundland	3	3	3	0	0	0
Nova Scotia	2	0	2	1	0	0
New Brunswick	3	3	3	0	1	1
Quebec	49	47	31	7	2	2
Ontario	38	42	40	4	4	7
Manitoba	29	27	31	4	2	4
Saskatchewan	32	20	24	0	2	3
Alberta	64	42	47	10	3	10
British Columbia	53	47	37	5	1	4
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

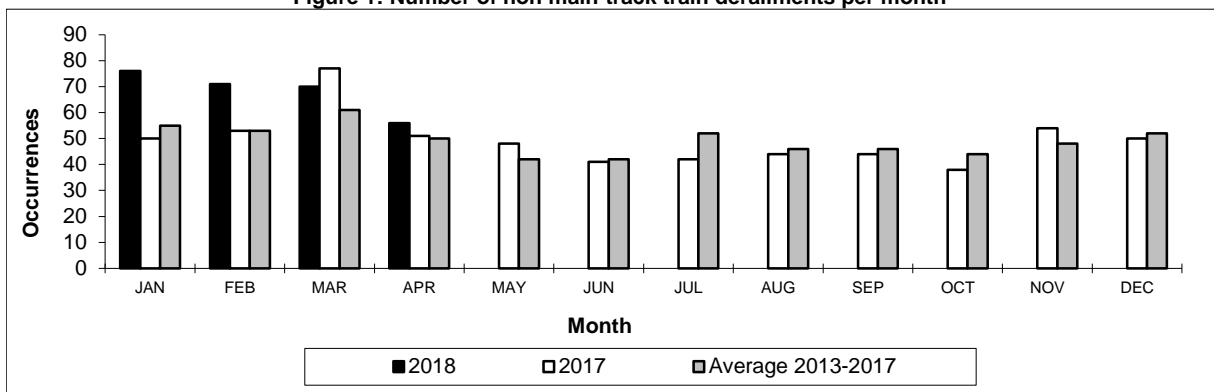
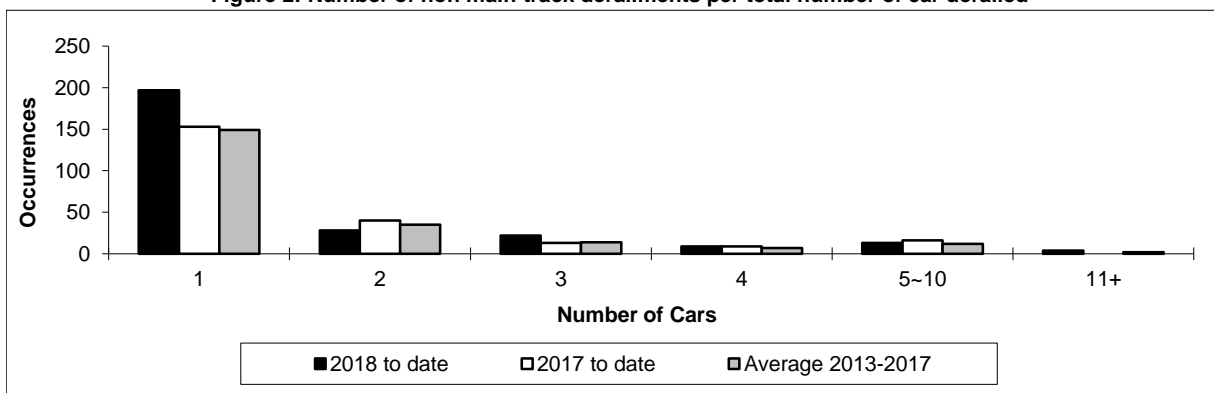


Figure 2: Number of non main-track derailments per total number of car derailed



Data extracted May 15, 2018.

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

* Under new reporting requirements all derailments are reportable.