

Table 1

Railway occurrence and casualty

	February			January to February		
	2018	2017	2013-2017 average	2018	2017	2013-2017 average
Accidents	107	96	88	226	179	176
Main-track train collisions	0	0	1	1	0	1
Main-track train derailments - 1-2 cars*	6	8	5	11	12	9
Main-track train derailments - 3-5 cars	0	1	1	0	1	2
Main-track train derailments - 6 or more cars	6	0	1	9	1	3
Crossings	17	14	17	35	27	34
Non-main-track train collisions	9	9	8	22	20	18
Non-main-track train derailments - 1-2 cars*	44	36	33	94	63	66
Non-main-track train derailments - 3-5 cars	9	6	5	19	14	12
Non-main-track train derailments - 6 or more cars	3	3	2	5	6	4
Collisions/Derailments involving track units	3	2	3	9	6	6
Employee/Passenger	0	2	2	0	3	2
Trespassers	3	5	4	7	11	7
Fires/Explosions	3	2	3	3	3	4
Other	4	8	4	11	12	7
Incidents	25	35	35	56	65	65
Main-track train derailments - 1-2 cars* (no damage)	0	0	0	0	0	1
Non-main-track train collisions* (no derailment, no damage)	0	2	1	0	2	1
Non-main-track train derailments - 1-2 cars* (no damage)	15	8	13	29	20	27
Dangerous goods leaker**	4	1	4	6	3	7
Main-track switch in abnormal position	0	0	1	0	1	1
Movement exceeds limits of authority	6	15	11	17	29	20
Runaway rolling stock	0	4	2	2	5	3
Others	0	5	4	2	5	5
Million train-miles (a)				13.31	13.34	13.60
Accidents/Million train-miles				16.98	13.42	12.94
Accidents involving dangerous goods	13	11	12	25	21	24
Main-track train derailments	3	0	1	4	1	3
Crossings	1	2	1	3	2	1
Non-main-track train collisions	3	3	4	4	9	8
Non-main-track train derailments	6	5	7	14	8	11
All others	0	1	0	0	1	0
Accidents with a DG release	0	0	0	2	1	1
Accidents involving passenger trains	5	5	4	8	10	9
Accidents involving runaway rolling stock	2	2	2	6	7	5
Fatalities	4	2	4	5	7	9
Crossings	2	0	1	3	2	4
Trespassers	2	2	3	2	5	4
All others	0	0	0	0	0	1
Serious Injuries	7	6	5	15	11	9
Crossings	6	0	2	10	3	4
Trespassers	1	3	1	4	5	3
All others	0	3	1	1	3	2

Data extracted March 19, 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.

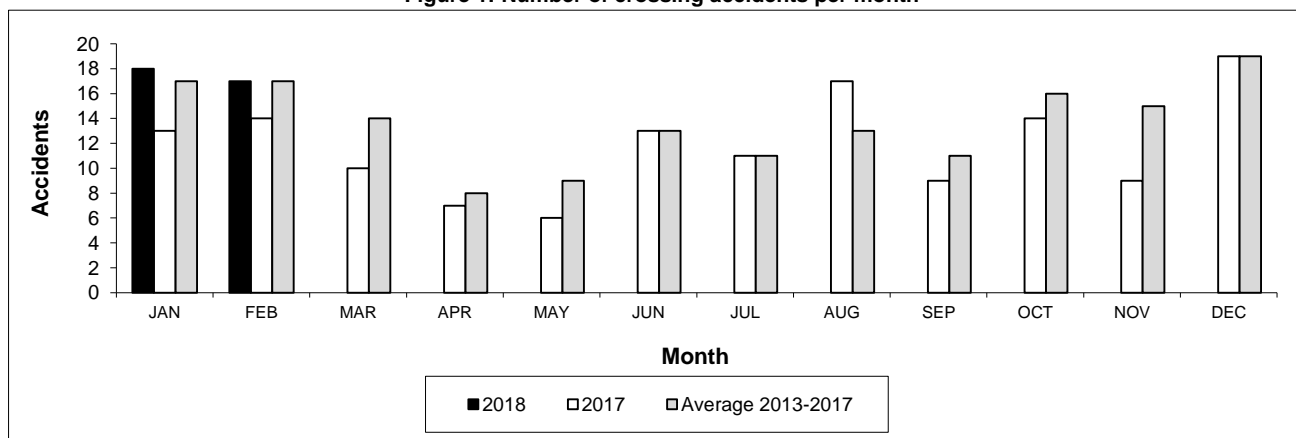
** Under new reporting requirements the minimum reporting threshold for incidents (200 litres) involving the release of low vapour pressure flammable liquids has been harmonized with Part 8 of the Transportation of Dangerous Goods Regulations.

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	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	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	3	0	1	0	4	5	2	2
Fatalities	0	0	0	0	0	1	1	0
Serious injuries	0	0	0	0	0	0	1	2
Ontario								
Accidents	6	2	0	0	8	5	3	7
Fatalities	2	1	0	0	3	0	1	3
Serious injuries	1	0	0	0	1	0	1	3
Manitoba								
Accidents	2	1	0	0	3	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	1	0	0	5	3	0	0
Fatalities	0	0	0	0	0	0	0	0
Serious injuries	1	0	0	0	1	0	0	0
Alberta								
Accidents	5	1	0	0	7	8	1	1
Fatalities	0	0	0	0	0	0	0	1
Serious injuries	1	0	0	0	1	1	1	0
British Columbia								
Accidents	4	0	2	0	7	2	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	25	5	3	0	35	27	7	11
Fatalities	2	1	0	0	3	2	2	5
Serious injuries	8	2	0	0	10	3	4	5

Figure 1: Number of crossing accidents per month



Data extracted March 19, 2018.

*Year to date is from January to February.

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 February			Derailments with DG involvement January to February		
	2018	2017	2013-2017 average	2018	2017	2013-2017 average
Canada	20	14	15	4	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	2	3	3	0	1	0
Ontario	3	1	4	1	0	1
Manitoba	3	0	1	1	0	0
Saskatchewan	2	2	1	0	0	0
Alberta	5	1	1	1	0	0
British Columbia	5	7	4	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

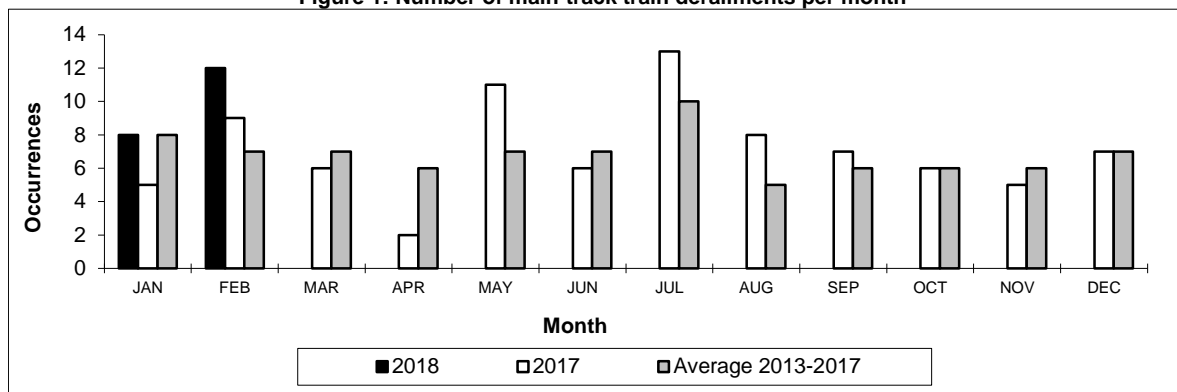
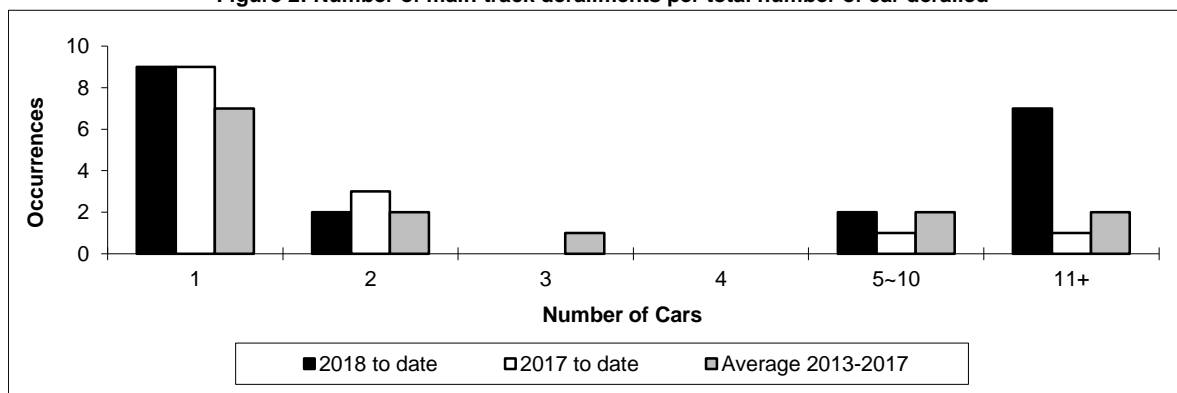


Figure 2: Number of main-track derailments per total number of car derailed



Data extracted March 19, 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 February			Collisions with DG involvement January to February		
	2018	2017	2013-2017 average	2018	2017	2013-2017 average
Canada	22	22	18	4	9	8
Newfoundland	0	0	0	0	0	0
Nova Scotia	0	0	0	0	0	0
New Brunswick	1	0	0	0	0	0
Quebec	1	3	1	1	1	1
Ontario	4	4	4	1	3	2
Manitoba	2	5	5	0	2	2
Saskatchewan	1	3	2	0	1	1
Alberta	7	2	3	2	1	2
British Columbia	6	5	2	0	1	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

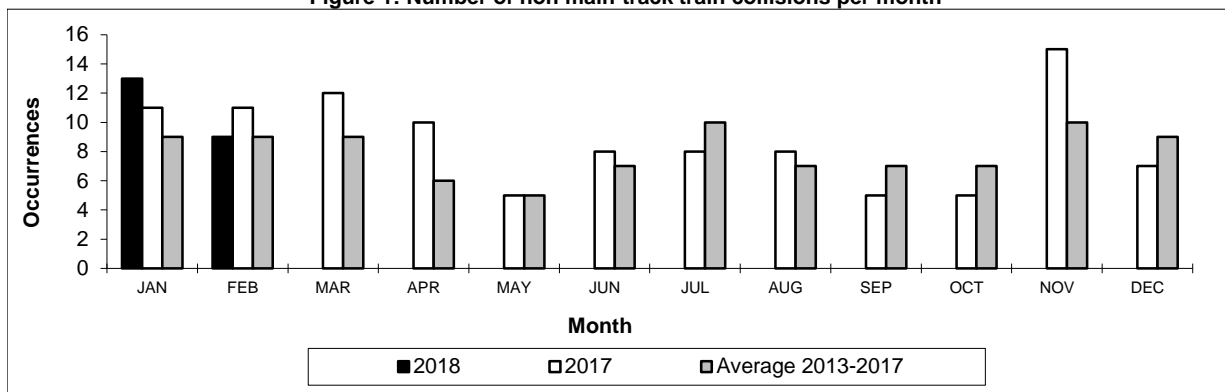
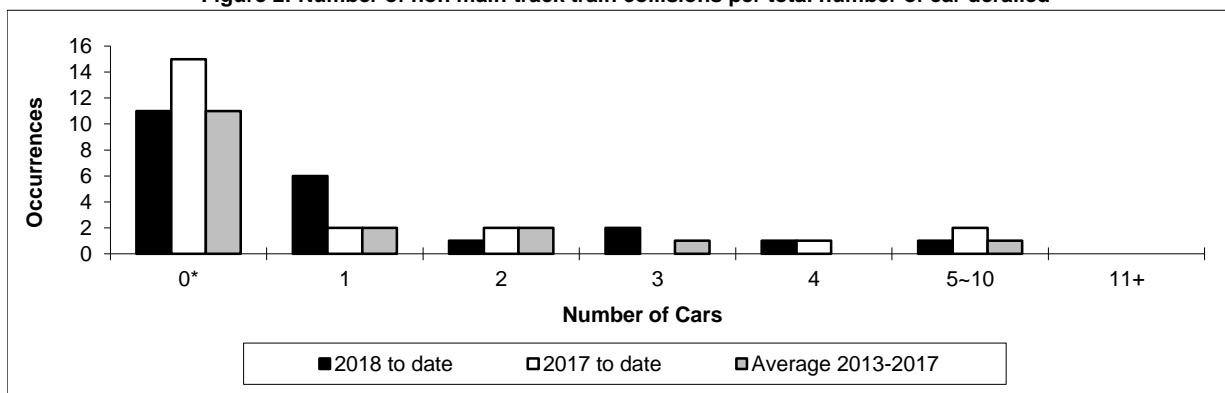


Figure 2: Number of non main-track train collisions per total number of car derailed



Data extracted March 19, 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 February			Derailments with DG involvement January to February		
	2018	2017	2013-2017 average	2018	2017	2013-2017 average
Canada	147	103	108	20	9	17
Newfoundland	2	2	2	0	0	0
Nova Scotia	1	0	1	1	0	0
New Brunswick	1	2	1	0	1	0
Quebec	31	21	16	7	0	1
Ontario	26	15	19	3	3	4
Manitoba	14	11	16	3	2	2
Saskatchewan	8	11	13	0	2	2
Alberta	27	22	25	2	1	6
British Columbia	37	19	16	4	0	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 derailments per month

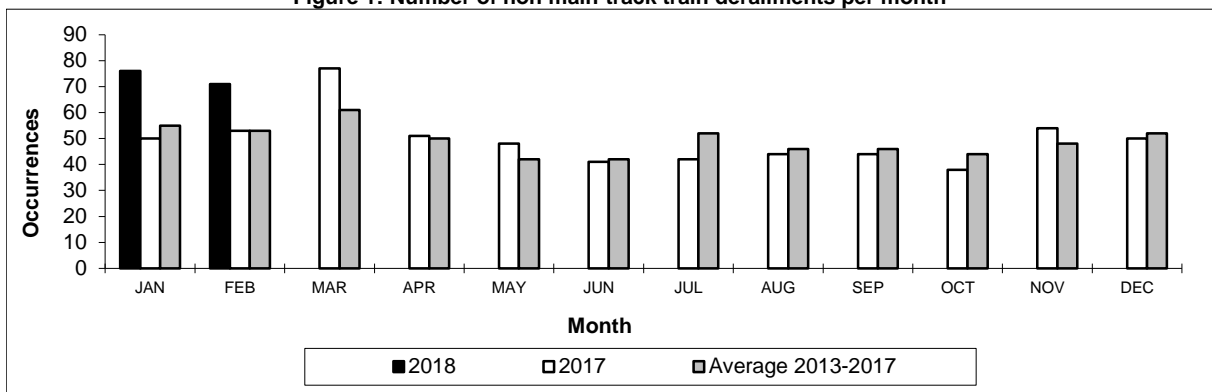
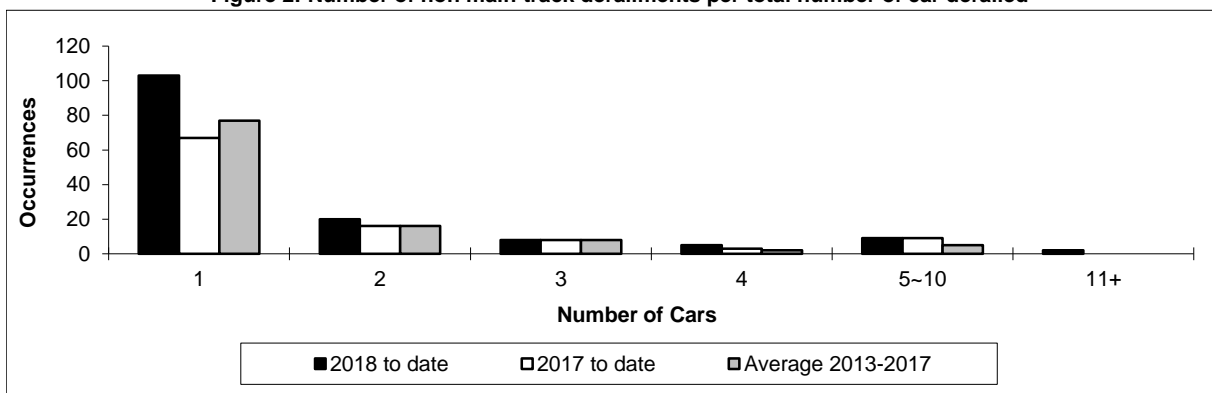


Figure 2: Number of non main-track derailments per total number of car derailed



Data extracted March 19, 2018.

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

* Under new reporting requirements all derailments are reportable.