

Table 1

Railway occurrence and casualty

	January			Year to date (January)		
	2018	2017	2013-2017 average	2018	2017	2013-2017 average
Accidents	119	83	88	119	83	88
Main-track train collisions	1	0	0	1	0	0
Main-track train derailments - 1-2 cars*	5	4	4	5	4	4
Main-track train derailments - 3-5 cars	0	0	1	0	0	1
Main-track train derailments - 6 or more cars	3	1	2	3	1	2
Crossings	18	13	17	18	13	17
Non-main-track train collisions	13	11	9	13	11	9
Non-main-track train derailments - 1-2 cars*	50	27	33	50	27	33
Non-main-track train derailments - 3-5 cars	10	8	7	10	8	7
Non-main-track train derailments - 6 or more cars	2	3	1	2	3	1
Collisions/Derailments involving track units	6	4	3	6	4	3
Employee/Passenger	0	1	1	0	1	1
Trespassers	4	6	3	4	6	3
Fires/Explosions	0	1	1	0	1	1
Other	7	4	3	7	4	3
Incidents	31	30	30	31	30	30
Main-track train derailments - 1-2 cars* (no damage)	0	0	0	0	0	0
Non-main-track train collisions* (no derailment, no damage)	0	0	0	0	0	0
Non-main-track train derailments - 1-2 cars* (no damage)	14	12	14	14	12	14
Dangerous goods leaker**	2	2	3	2	2	3
Main-track switch in abnormal position	0	1	0	0	1	0
Movement exceeds limits of authority	11	14	9	11	14	9
Runaway rolling stock	2	1	1	2	1	1
Others	2	0	2	2	0	2
Million train-miles (a)				6.97	6.85	7.02
Accidents/Million train-miles				17.07	12.12	12.54
Accidents involving dangerous goods	12	10	12	12	10	12
Main-track train derailments	1	1	2	1	1	2
Crossings	2	0	1	2	0	1
Non-main-track train collisions	1	6	4	1	6	4
Non-main-track train derailments	8	3	5	8	3	5
All others	0	0	0	0	0	0
Accidents with a DG release	2	1	1	2	1	1
Accidents involving passenger trains	3	5	5	3	5	5
Accidents involving runaway rolling stock	4	4	2	4	4	2
Fatalities	1	5	5	1	5	5
Crossings	1	2	3	1	2	3
Trespassers	0	3	2	0	3	2
All others	0	0	0	0	0	0
Serious Injuries	8	5	4	8	5	4
Crossings	4	3	2	4	3	2
Trespassers	3	2	1	3	2	1
All others	1	0	0	1	0	0

Data extracted February 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.

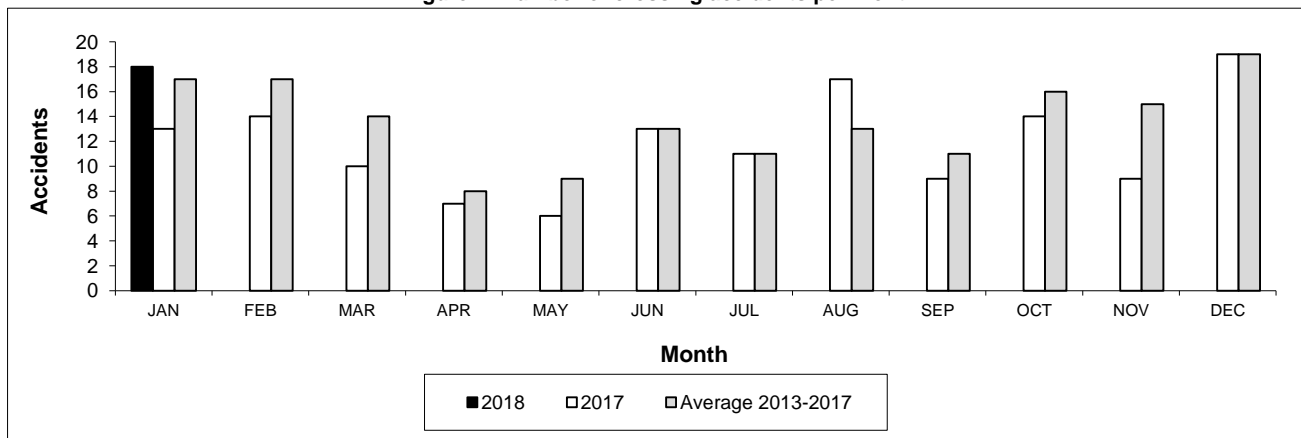
* Under new reporting requirements all derailments are reportable. The TSB has reviewed derailments and collisions back to January 1, 2014 and recategorized occurrences with minimal consequences as reportable incidents including: derailments involving 1 to 2 cars, with no equipment or track damage, no 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				All crossings		Trespasser	
	2018 - Year to date*				Year to date*		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	2	0	1	0	3	3	0	2
Fatalities	0	0	0	0	0	1	0	0
Serious injuries	0	0	0	0	0	0	0	2
Ontario								
Accidents	2	0	0	0	2	3	2	2
Fatalities	1	0	0	0	1	0	0	1
Serious injuries	0	0	0	0	0	0	1	0
Manitoba								
Accidents	1	0	0	0	1	2	0	0
Fatalities	0	0	0	0	0	1	0	0
Serious injuries	1	0	0	0	1	0	0	0
Saskatchewan								
Accidents	3	0	0	0	3	1	0	0
Fatalities	0	0	0	0	0	0	0	0
Serious injuries	1	0	0	0	1	0	0	0
Alberta								
Accidents	1	1	0	0	2	3	1	1
Fatalities	0	0	0	0	0	0	0	1
Serious injuries	0	0	0	0	0	1	1	0
British Columbia								
Accidents	4	0	1	0	6	1	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	14	1	2	0	18	13	4	6
Fatalities	1	0	0	0	1	2	0	3
Serious injuries	4	0	0	0	4	3	3	2

Figure 1: Number of crossing accidents per month



Data extracted February 15, 2018.

*Year to date includes January only for this month.

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*

	Year to date (January)			Derailments with DG involvement Year to date (January)		
	2018	2017	2013-2017 average	2018	2017	2013-2017 average
Canada	8	5	8	1	1	2
Newfoundland	0	0	0	0	0	0
Nova Scotia	0	0	0	0	0	0
New Brunswick	0	0	0	0	0	0
Quebec	1	1	2	0	1	0
Ontario	1	1	3	0	0	1
Manitoba	3	0	1	1	0	0
Saskatchewan	1	1	0	0	0	0
Alberta	1	1	1	0	0	0
British Columbia	1	1	2	0	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

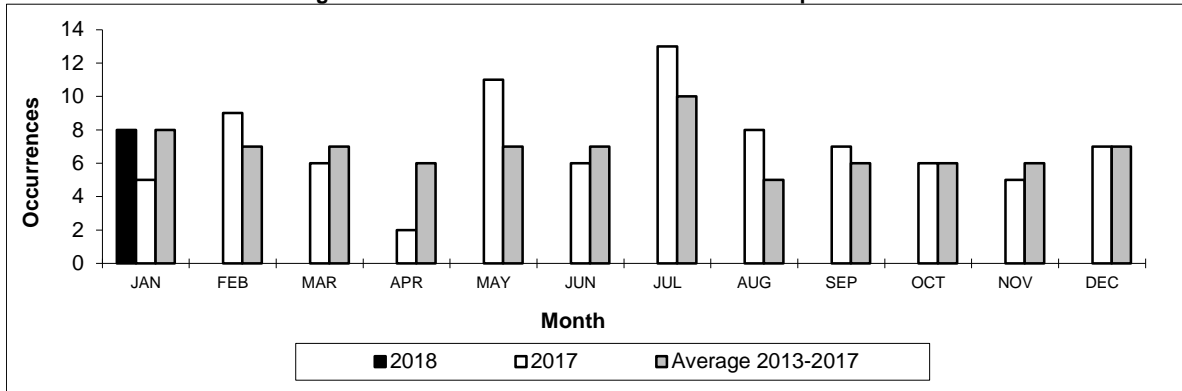
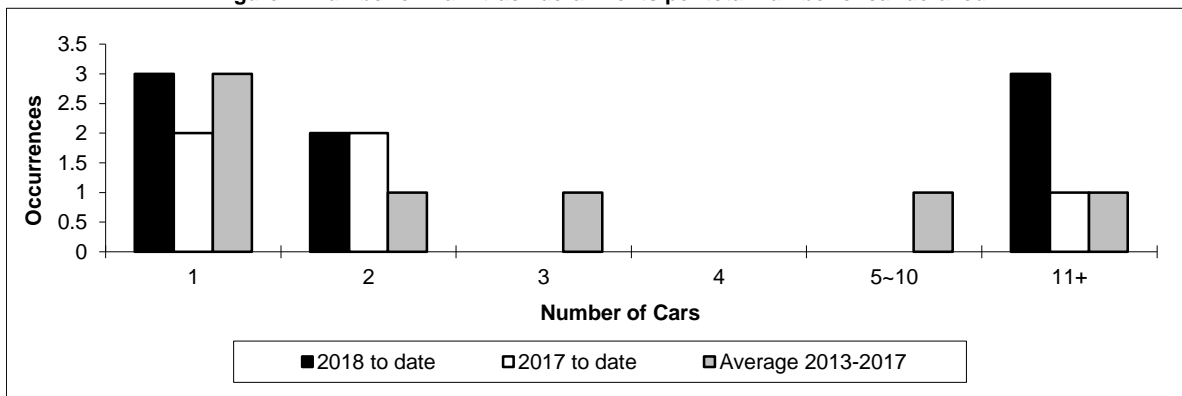


Figure 2: Number of main-track derailments per total number of car derailed



Data extracted February 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

	Year to date (January)			Collisions with DG involvement Year to date (January)		
	2018	2017	2013-2017 average	2018	2017	2013-2017 average
	Canada	13	11	9	1	6
Newfoundland	0	0	0	0	0	0
Nova Scotia	0	0	0	0	0	0
New Brunswick	0	0	0	0	0	0
Quebec	0	1	0	0	1	0
Ontario	3	2	2	0	1	1
Manitoba	2	4	3	0	2	1
Saskatchewan	0	1	1	0	1	1
Alberta	3	2	2	1	1	1
British Columbia	5	1	1	0	0	0
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

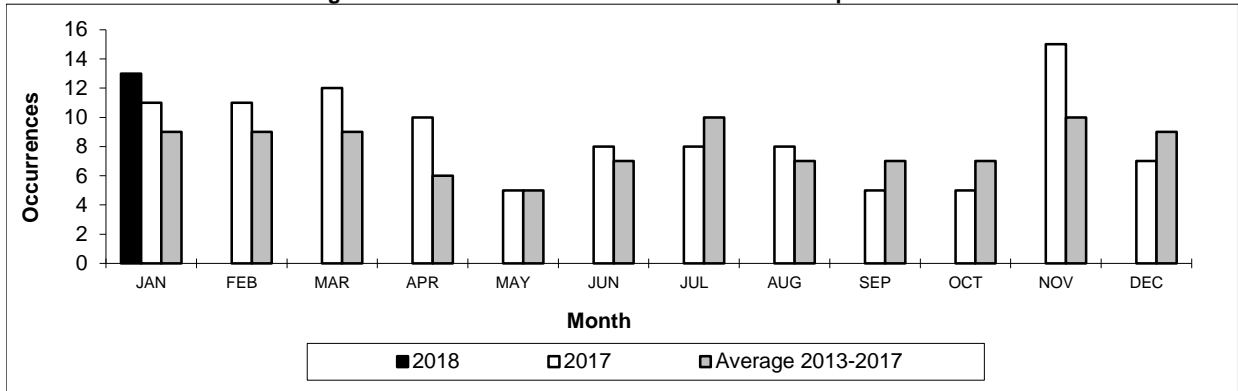
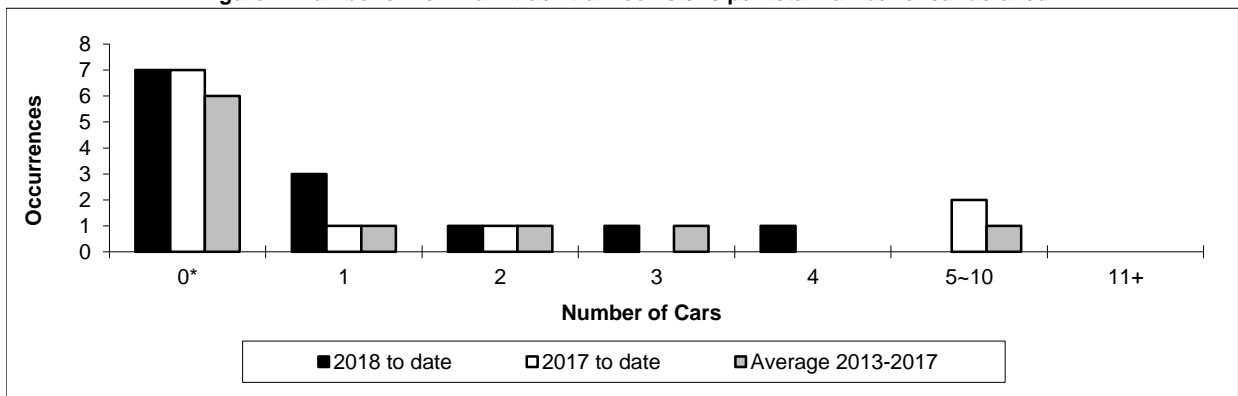


Figure 2: Number of non main-track train collisions per total number of car derailed



Data extracted February 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*

	Year to date (January)			Derailments with DG involvement		
	Year to date (January)			Year to date (January)		
	2018	2017	2013-2017 average	2018	2017	2013-2017 average
Canada	76	50	55	11	4	8
Newfoundland	2	2	1	0	0	0
Nova Scotia	1	0	0	1	0	0
New Brunswick	0	0	1	0	0	0
Quebec	21	11	8	4	0	1
Ontario	17	9	10	2	2	2
Manitoba	6	3	7	0	1	1
Saskatchewan	4	7	7	0	1	1
Alberta	13	11	14	2	0	3
British Columbia	12	7	7	2	0	0
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

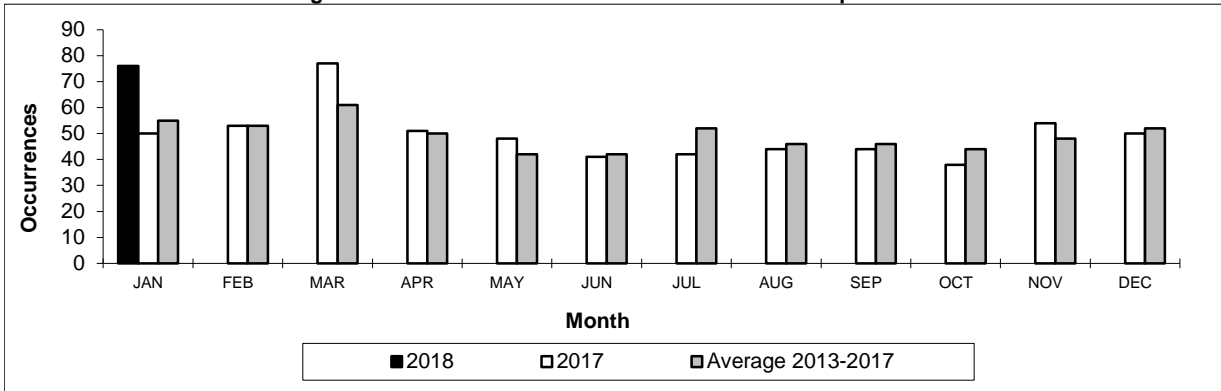
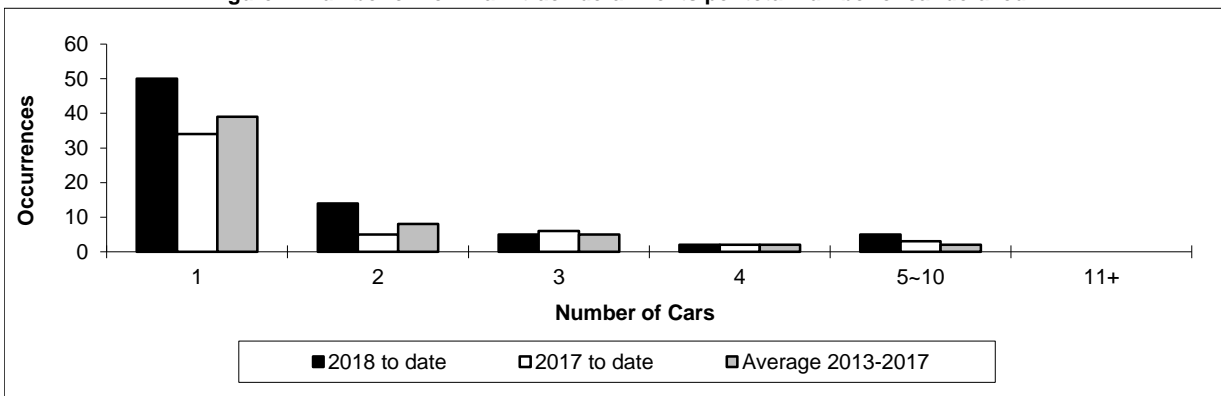


Figure 2: Number of non main-track derailments per total number of car derailed



Data extracted February 15, 2018.

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

* Under new reporting requirements all derailments are reportable.