

Table 1

Railway occurrence and casualty

	May			January to May		
	2018	2017	2013-2017 average	2018	2017	2013-2017 average
Accidents	87	86	75	523	461	428
Main-track train collisions	0	1	0	2	2	2
Main-track train derailments - 1-2 cars*	4	6	3	22	24	20
Main-track train derailments - 3-5 cars	1	0	1	4	2	5
Main-track train derailments - 6 or more cars	3	5	3	17	7	9
Crossings	15	6	9	73	51	65
Non-main-track train collisions	3	5	5	53	47	37
Non-main-track train derailments - 1-2 cars*	35	33	27	213	189	167
Non-main-track train derailments - 3-5 cars	5	8	8	45	35	33
Non-main-track train derailments - 6 or more cars	2	5	3	10	16	13
Collisions/Derailments involving track units	3	4	3	15	19	14
Employee/Passenger	2	1	0	3	6	5
Trespassers	8	5	8	28	27	24
Fires/Explosions	3	2	3	13	9	11
Other	3	5	3	25	27	20
Incidents	13	26	25	126	136	145
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)	1	2	5	48	39	48
Dangerous goods leaker**	0	7	4	13	12	20
Main-track switch in abnormal position	0	0	0	5	4	4
Movement exceeds limits of authority	11	13	12	47	58	51
Runaway rolling stock	0	2	1	4	9	7
Others	1	2	2	8	12	14
Million train-miles (a)				35.12	34.55	35.23
Accidents/Million train-miles				14.89	13.34	12.15
Accidents involving dangerous goods	9	9	10	60	45	56
Main-track train derailments	4	0	1	10	1	5
Crossings	0	0	0	5	3	2
Non-main-track train collisions	2	3	1	14	18	14
Non-main-track train derailments	2	6	7	27	20	32
All others	1	0	0	4	3	2
Accidents with a DG release	1	0	1	4	1	3
Accidents involving passenger trains	7	4	4	26	20	20
Accidents involving runaway rolling stock	3	1	4	18	15	17
Fatalities	9	4	6	19	22	24
Crossings	5	1	1	8	4	7
Trespassers	4	3	5	11	18	16
All others	0	0	0	0	0	1
Serious Injuries	10	5	5	37	25	21
Crossings	3	3	2	17	12	10
Trespassers	3	1	2	14	6	6
All others	4	1	1	6	7	4

Data extracted June 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.

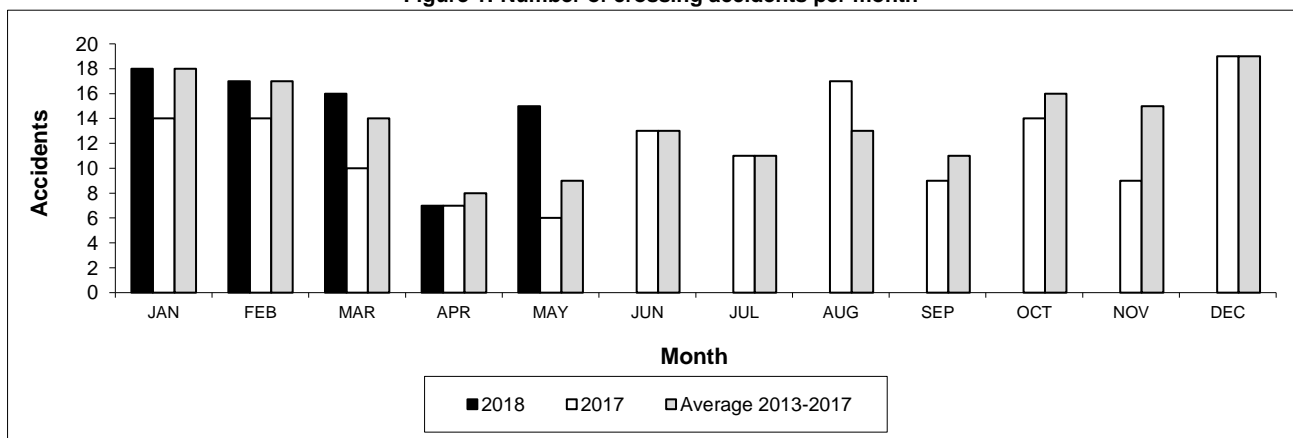
* Under new reporting requirements all derailments are reportable. The TSB has reviewed derailments and collisions back to January 1, 2014 and recategorized occurrences with minimal consequences as reportable incidents including: derailments involving 1 to 2 cars, with no equipment or track damage, no 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	1	0	2	0	0	0
Fatalities	0	0	0	0	0	0	0	0
Serious injuries	0	0	0	0	0	0	0	0
Quebec								
Accidents	7	0	2	0	9	6	5	3
Fatalities	2	0	0	0	2	1	2	2
Serious injuries	0	0	3	0	3	1	3	1
Ontario								
Accidents	9	6	2	0	17	10	14	18
Fatalities	3	1	0	0	4	1	6	12
Serious injuries	2	1	0	0	3	1	5	4
Manitoba								
Accidents	4	3	0	0	7	6	0	1
Fatalities	0	0	0	0	0	1	0	0
Serious injuries	3	2	0	0	5	1	0	1
Saskatchewan								
Accidents	5	4	0	0	9	7	1	0
Fatalities	0	0	0	0	0	0	0	0
Serious injuries	1	0	0	0	1	0	1	0
Alberta								
Accidents	8	7	2	0	17	14	5	1
Fatalities	1	0	0	0	1	0	2	1
Serious injuries	1	0	0	0	1	3	3	0
British Columbia								
Accidents	6	2	3	0	11	7	3	4
Fatalities	1	0	0	0	1	1	1	3
Serious injuries	4	0	0	0	4	6	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	40	22	11	0	73	51	28	27
Fatalities	7	1	0	0	8	4	11	18
Serious injuries	11	3	3	0	17	12	14	6

Figure 1: Number of crossing accidents per month



Data extracted June 15, 2018.

*Year to date is from January to May.

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 May			Derailments with DG involvement January to May		
	2018	2017	2013-2017 average	2018	2017	2013-2017 average
Canada	44	33	36	10	1	6
Newfoundland	0	0	0	0	0	0
Nova Scotia	0	0	0	0	0	0
New Brunswick	0	0	1	0	0	1
Quebec	5	3	4	0	1	0
Ontario	6	4	9	1	0	3
Manitoba	4	0	2	2	0	0
Saskatchewan	6	6	4	1	0	1
Alberta	12	6	6	3	0	1
British Columbia	11	14	8	3	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

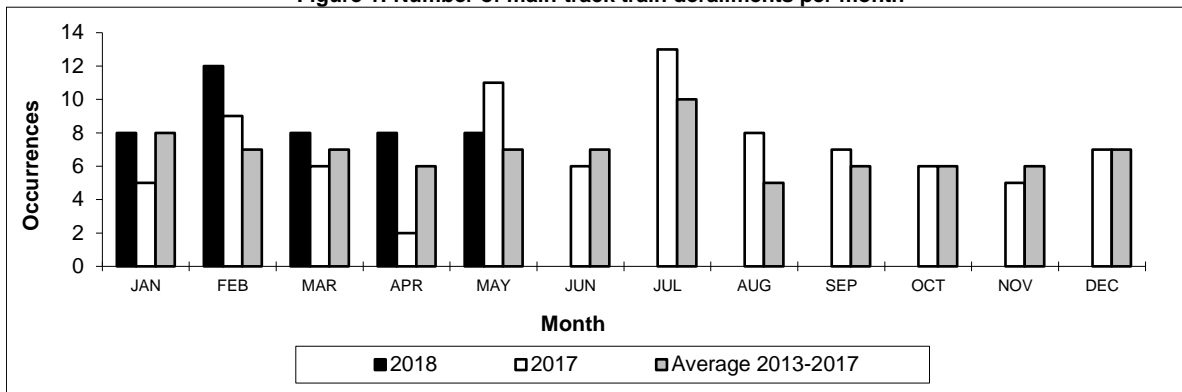
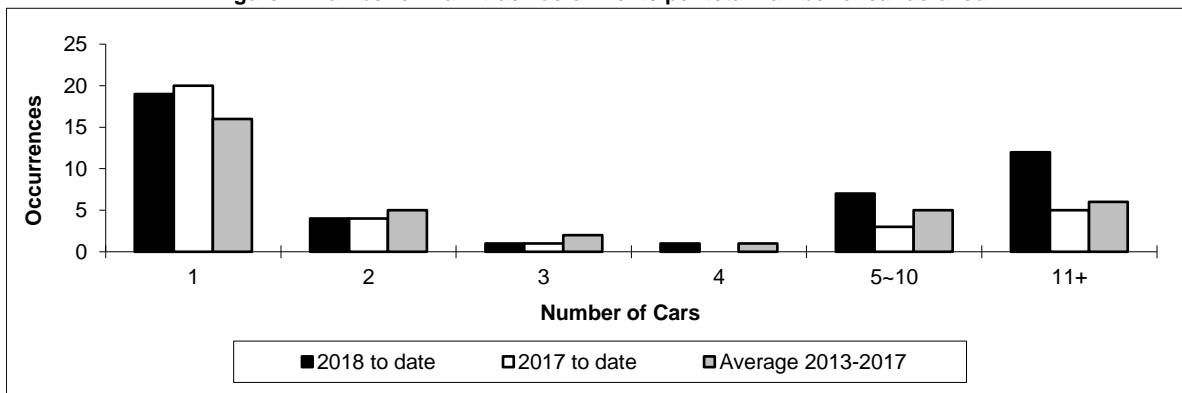


Figure 2: Number of main-track derailments per total number of car derailed



Data extracted June 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 May			Collisions with DG involvement January to May		
	2018	2017	2013-2017 average	2018	2017	2013-2017 average
Canada	53	49	39	14	18	14
Newfoundland	0	0	0	0	0	0
Nova Scotia	0	1	0	0	0	0
New Brunswick	1	0	1	0	0	0
Quebec	2	5	4	2	1	1
Ontario	11	11	8	2	6	3
Manitoba	3	9	8	1	3	3
Saskatchewan	8	4	5	2	1	1
Alberta	14	8	8	5	5	4
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

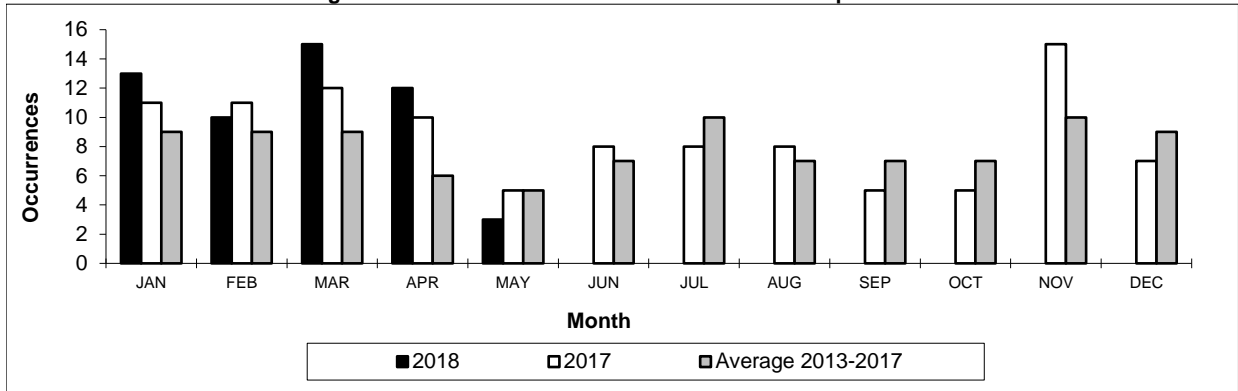
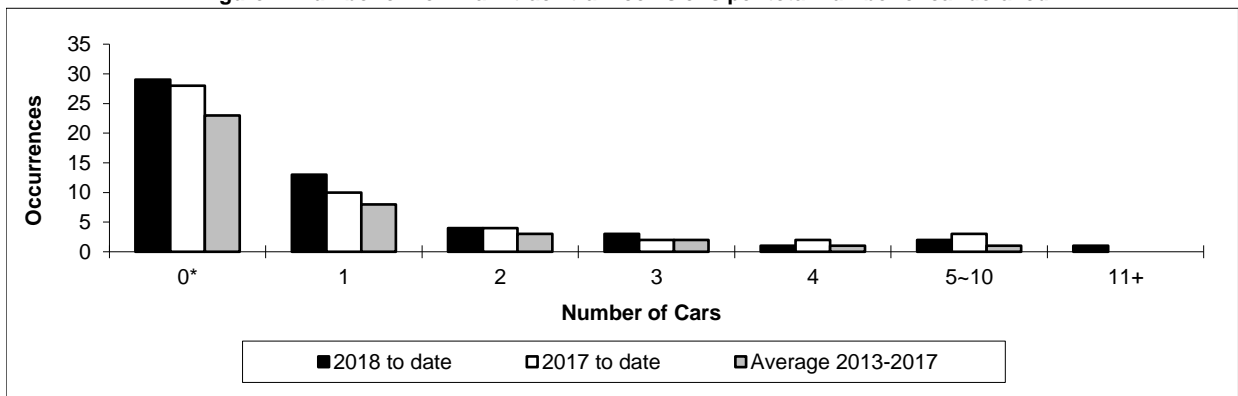


Figure 2: Number of non main-track train collisions per total number of car derailed



Data extracted June 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 May			Derailments with DG involvement January to May		
	2018	2017	2013-2017 average	2018	2017	2013-2017 average
	Canada	316	279	262	33	21
Newfoundland	3	4	3	0	0	0
Nova Scotia	2	2	3	1	0	0
New Brunswick	4	4	4	0	2	2
Quebec	55	53	37	8	2	4
Ontario	50	53	49	4	6	9
Manitoba	31	37	37	4	3	5
Saskatchewan	39	24	29	1	2	4
Alberta	68	46	55	10	4	12
British Columbia	64	56	44	5	2	5
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

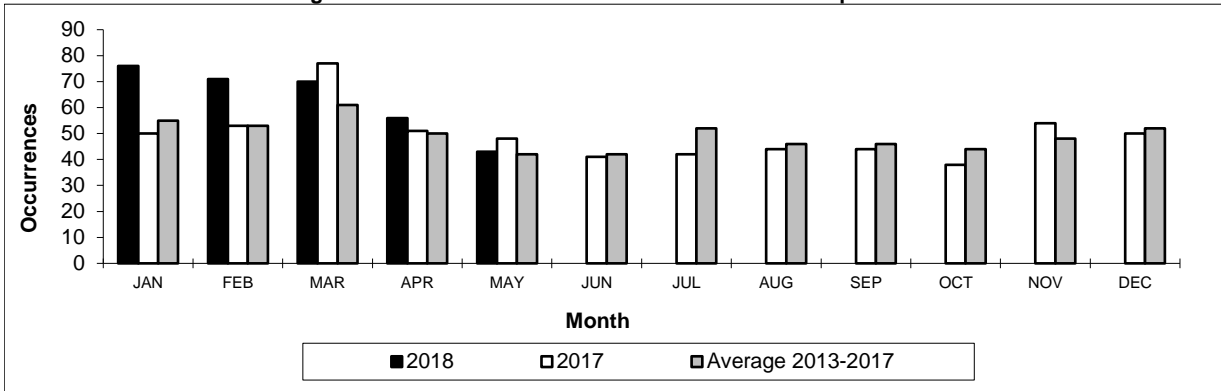
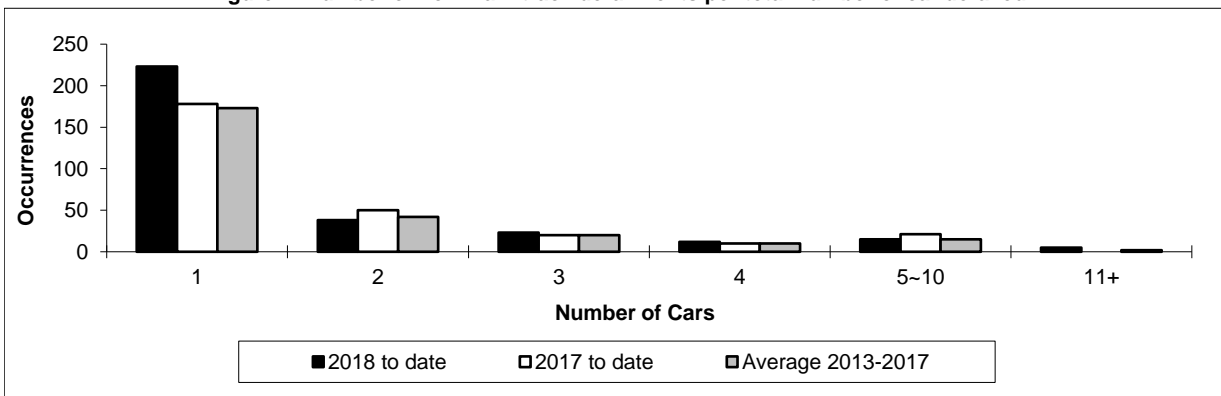


Figure 2: Number of non main-track derailments per total number of car derailed



Data extracted June 15, 2018.

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

* Under new reporting requirements all derailments are reportable.