

Table 1

Railway occurrence and casualty

	June			January to June		
	2018	2017	2013-2017 average	2018	2017	2013-2017 average
Accidents	93	84	82	603	545	509
Main-track train collisions	0	1	1	2	3	3
Main-track train derailments - 1-2 cars*	5	3	3	27	27	24
Main-track train derailments - 3-5 cars	0	1	1	4	3	6
Main-track train derailments - 6 or more cars	7	0	2	24	7	11
Crossings	15	13	13	88	64	78
Non-main-track train collisions	3	8	7	55	55	44
Non-main-track train derailments - 1-2 cars*	34	28	27	236	217	194
Non-main-track train derailments - 3-5 cars	6	7	8	51	42	41
Non-main-track train derailments - 6 or more cars	1	2	3	11	18	16
Collisions/Derailments involving track units	6	4	3	20	23	17
Employee/Passenger	0	0	1	3	6	7
Trespassers	10	12	8	38	39	32
Fires/Explosions	2	1	2	15	10	14
Other	4	4	3	29	31	23
Incidents	15	24	21	154	160	166
Main-track train derailments - 1-2 cars* (no damage)	1	1	0	2	1	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)	2	4	5	62	43	53
Dangerous goods leaker**	0	4	4	13	16	23
Main-track switch in abnormal position	2	0	0	7	4	4
Movement exceeds limits of authority	9	14	9	56	72	60
Runaway rolling stock	0	0	1	4	9	7
Others	1	0	1	10	12	15
Million train-miles (a)				42.22	41.31	42.02
Accidents/Million train-miles				14.28	13.19	12.11
Accidents involving dangerous goods	8	10	11	67	55	67
Main-track train derailments	1	0	1	11	1	6
Crossings	1	1	0	6	4	3
Non-main-track train collisions	1	4	3	14	22	17
Non-main-track train derailments	4	5	6	31	25	38
All others	1	0	0	5	3	3
Accidents with a DG release	1	0	0	5	1	3
Accidents involving passenger trains	5	6	4	31	26	24
Accidents involving runaway rolling stock	0	3	4	24	18	21
Fatalities	7	10	8	26	32	32
Crossings	2	1	2	10	5	9
Trespassers	5	9	6	16	27	21
All others	0	0	0	0	0	1
Serious Injuries	9	6	4	46	31	25
Crossings	4	2	1	21	14	11
Trespassers	5	3	2	19	9	9
All others	0	1	1	6	8	5

Data extracted July 16, 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.

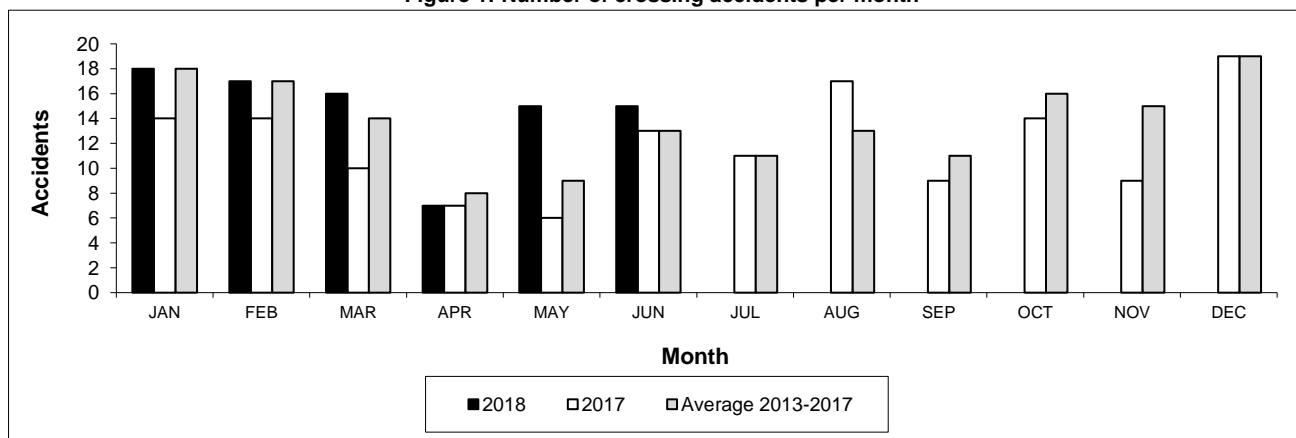
** Under new reporting requirements the minimum reporting threshold for incidents (200 litres) involving the release of low vapour pressure flammable liquids has been harmonized with Part 8 of the Transportation of Dangerous Goods Regulations.

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	2	0	2	1	0	1
Fatalities	0	0	0	0	0	0	0	1
Serious injuries	0	0	0	0	0	0	0	0
New Brunswick								
Accidents	2	0	1	0	3	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	1	2	0	10	7	6	4
Fatalities	2	0	0	0	2	1	2	3
Serious injuries	0	1	3	0	4	1	4	1
Ontario								
Accidents	9	7	2	0	18	14	17	22
Fatalities	3	1	0	0	4	2	8	15
Serious injuries	2	1	0	0	3	2	6	5
Manitoba								
Accidents	5	5	0	0	10	7	1	1
Fatalities	0	0	0	0	0	1	0	0
Serious injuries	3	4	0	0	7	1	1	1
Saskatchewan								
Accidents	6	4	0	0	10	10	1	0
Fatalities	0	0	0	0	0	0	0	0
Serious injuries	1	0	0	0	1	1	1	0
Alberta								
Accidents	10	9	2	0	21	17	6	3
Fatalities	1	0	0	0	1	0	3	3
Serious injuries	1	1	0	0	2	3	3	0
British Columbia								
Accidents	7	3	3	1	14	8	7	8
Fatalities	2	0	0	1	3	1	3	5
Serious injuries	4	0	0	0	4	6	4	2
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	46	29	12	1	88	64	38	39
Fatalities	8	1	0	1	10	5	16	27
Serious injuries	11	7	3	0	21	14	19	9

Figure 1: Number of crossing accidents per month



Data extracted July 16, 2018.

*Year to date is from January to June.

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 June			Derailments with DG involvement January to June		
	2018	2017	2013-2017 average	2018	2017	2013-2017 average
Canada	57	39	42	11	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	9	3	5	0	1	0
Ontario	8	4	10	1	0	3
Manitoba	4	2	3	2	0	0
Saskatchewan	7	6	5	1	0	1
Alberta	16	9	9	4	0	1
British Columbia	13	15	9	3	0	0
Northwest Territories	0	0	0	0	0	0

* There was 1 occurrence with dangerous goods release to date in 2018 and 1 in 2017.

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

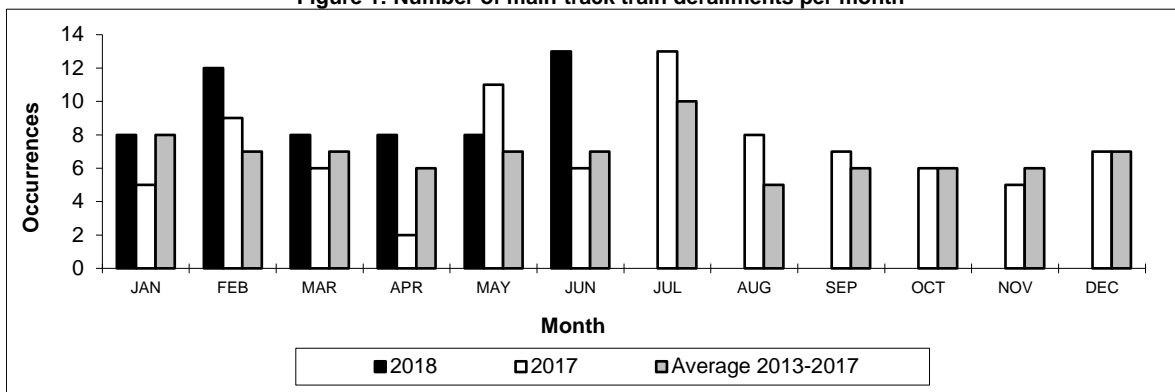
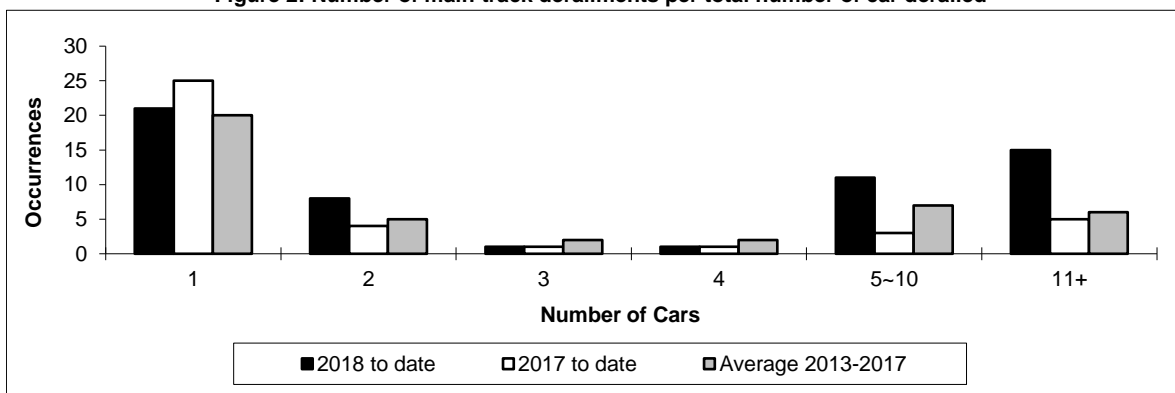


Figure 2: Number of main-track derailments per total number of car derailed



Data extracted July 16, 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 June			Collisions with DG involvement January to June		
	2018	2017	2013-2017 average	2018	2017	2013-2017 average
Canada	55	57	46	14	22	18
Newfoundland	0	0	0	0	0	0
Nova Scotia	0	1	0	0	0	0
New Brunswick	1	0	1	0	0	0
Quebec	3	7	5	3	2	2
Ontario	11	14	10	2	8	4
Manitoba	3	9	9	1	3	3
Saskatchewan	8	4	5	1	1	1
Alberta	15	10	10	5	6	5
British Columbia	14	12	6	2	2	2
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

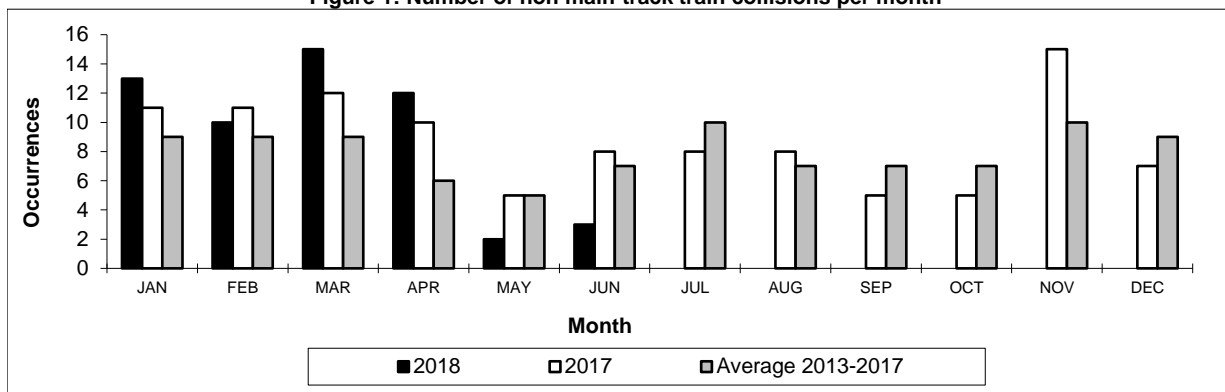
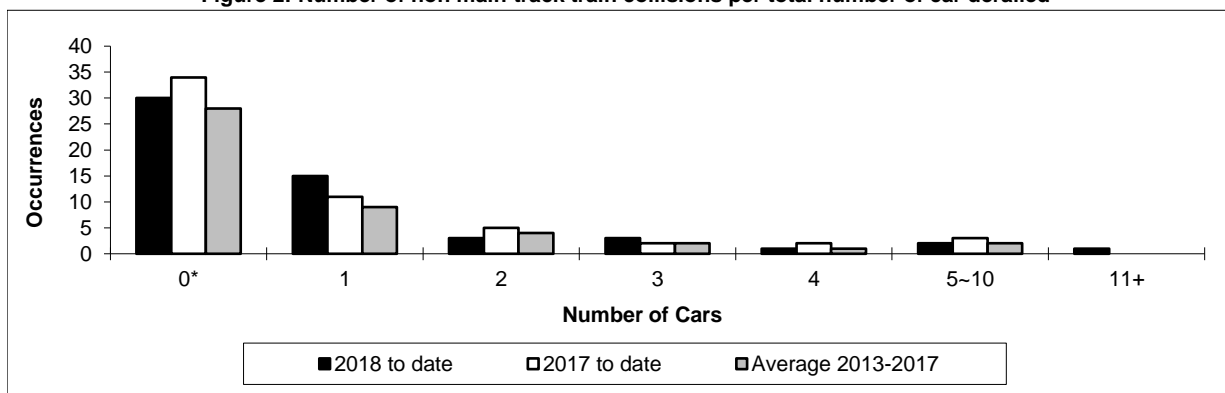


Figure 2: Number of non main-track train collisions per total number of car derailed



Data extracted July 16, 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 June			Derailments with DG involvement January to June		
	2018	2017	2013-2017 average	2018	2017	2013-2017 average
Canada	360	320	304	38	26	46
Newfoundland	3	6	4	0	0	0
Nova Scotia	2	2	3	1	0	0
New Brunswick	4	5	5	0	2	2
Quebec	61	58	45	9	2	4
Ontario	55	63	58	4	8	11
Manitoba	43	44	42	4	5	6
Saskatchewan	45	29	34	2	2	5
Alberta	79	53	63	12	4	13
British Columbia	68	60	50	6	3	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

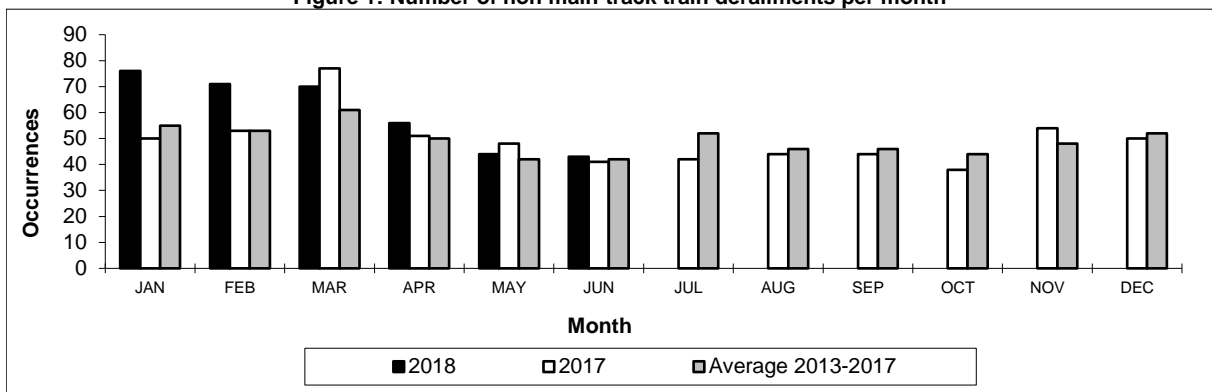
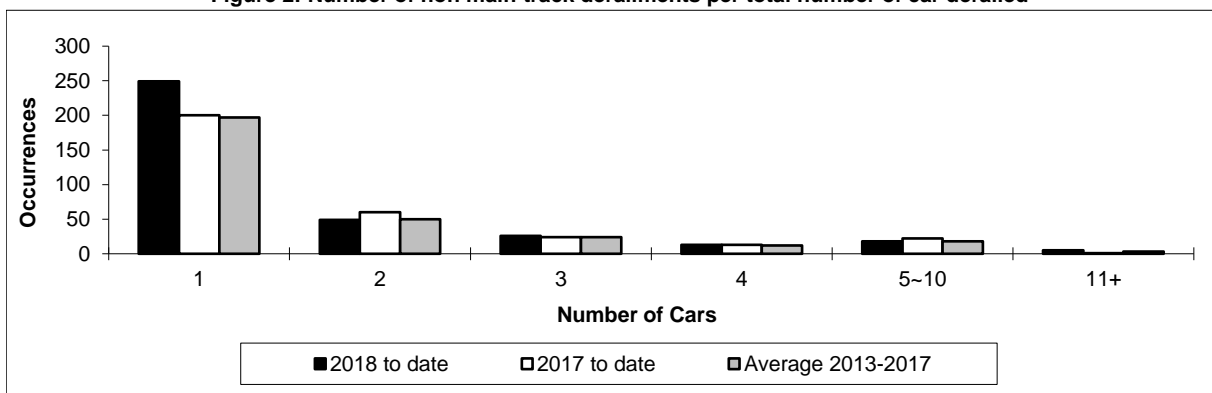


Figure 2: Number of non main-track derailments per total number of car derailed



Data extracted July 16, 2018.

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

* Under new reporting requirements all derailments are reportable.