

Table 1
Railway occurrence and casualty

	January			Year to date (January)		
	2019	2018	2014-2018 average	2019	2018	2014-2018 average
Accidents	114	113	90	114	113	90
Main-track train collisions	1	1	0	1	1	0
Main-track train derailments - 1-2 cars*	7	5	5	7	5	5
Main-track train derailments - 3-5 cars	0	0	1	0	0	1
Main-track train derailments - 6 or more cars	6	3	3	6	3	3
Crossings	16	18	17	16	18	17
Non-main-track train collisions	14	13	10	14	13	10
Non-main-track train derailments - 1-2 cars*	44	48	34	44	48	34
Non-main-track train derailments - 3-5 cars	7	10	8	7	10	8
Non-main-track train derailments - 6 or more cars	3	2	2	3	2	2
Collisions/Derailments involving track units	6	5	3	6	5	3
Employee/Passenger	1	0	0	1	0	0
Trespassers	3	4	3	3	4	3
Fires/Explosions	3	0	1	3	0	1
Other	3	4	3	3	4	3
Incidents	37	35	34	37	35	34
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)	15	19	18	15	19	18
Dangerous goods leaker**	0	0	2	0	0	2
Main-track switch in abnormal position	3	0	0	3	0	0
Movement exceeds limits of authority	15	11	10	15	11	10
Uncontrolled movement of rolling stock	4	2	1	4	2	1
Others	0	3	2	0	3	2
Million train-miles (a)				7.56	6.97	6.99
Accidents/Million train-miles				15.08	16.21	12.88
Accidents involving dangerous goods	18	12	12	18	12	12
Main-track train derailments	2	1	2	2	1	2
Crossings	1	2	1	1	2	1
Non-main-track train collisions	9	1	4	9	1	4
Non-main-track train derailments	5	8	5	5	8	5
All others	1	0	0	1	0	0
Accidents with a DG release	0	1	1	0	1	1
Accidents involving passenger trains	4	3	5	4	3	5
Accidents involving an uncontrolled movement of rolling stock	5	6	3	5	6	3
Fatalities	6	1	2	6	1	2
Crossings	4	1	1	4	1	1
Trespassers	2	0	1	2	0	1
All others	0	0	0	0	0	0
Serious Injuries	6	8	5	6	8	5
Crossings	3	4	3	3	4	3
Trespassers	1	3	2	1	3	2
All others	2	1	0	2	1	0

Data extracted February 26, 2019.

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.

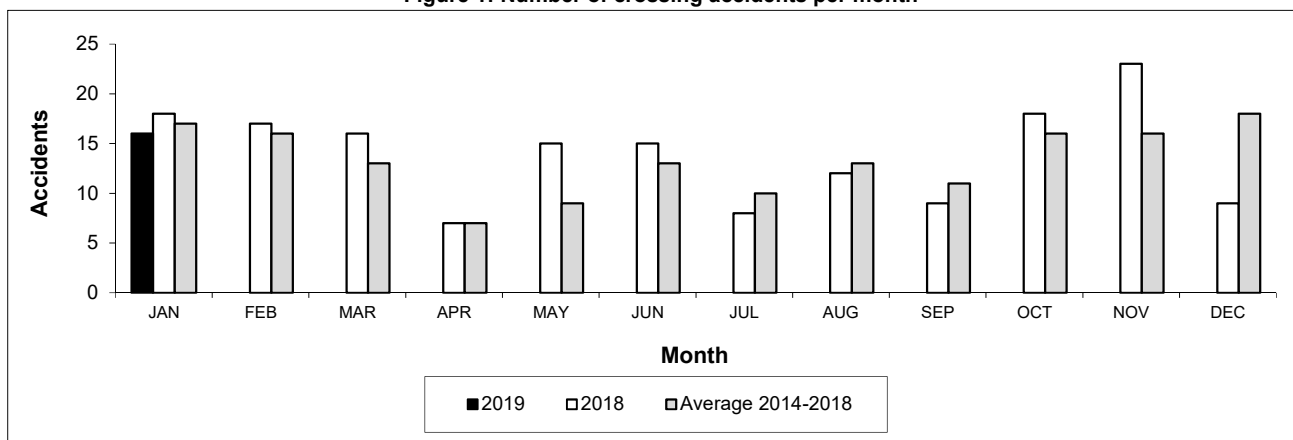
* Under new reporting requirements all derailments are reportable. The TSB has reviewed derailments and collisions back to January 1, 2014 and recategorized occurrences with minimal consequences as reportable incidents including: derailments involving 1 to 2 cars, with no equipment or track damage, no 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.

** TSB Regulations have been harmonized with Section 8.4 of the Transportation of Dangerous Goods Regulations, under which TSB DG leaker incidents are only reportable if they result in death or serious injury, evacuation, or the closure of a DG loading facility, a road, a main railway line, or a main waterway.

Table 2
Railway crossing and trespasser accidents by province

	Crossings with type recorded 2019 - Year to date*				All crossings Year to date*		Trespasser Year to date*	
	Public automated	Public passive	Private	Farm	2019	2018	2019	2018
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	0	0	0	0	0	1	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	0	0	3	3	0	0
Fatalities	0	0	0	0	0	0	0	0
Serious injuries	0	0	0	0	0	0	0	0
Ontario								
Accidents	3	0	2	0	5	2	2	2
Fatalities	1	0	1	0	2	1	2	0
Serious injuries	1	0	0	0	1	0	0	1
Manitoba								
Accidents	0	0	0	0	0	1	0	0
Fatalities	0	0	0	0	0	0	0	0
Serious injuries	0	0	0	0	0	1	0	0
Saskatchewan								
Accidents	1	2	0	0	3	3	0	0
Fatalities	0	0	0	0	0	0	0	0
Serious injuries	1	1	0	0	2	1	0	0
Alberta								
Accidents	1	0	1	0	2	2	1	1
Fatalities	1	0	0	0	1	0	0	0
Serious injuries	0	0	0	0	0	0	1	1
British Columbia								
Accidents	2	1	0	0	3	6	0	1
Fatalities	1	0	0	0	1	0	0	0
Serious injuries	0	0	0	0	0	2	0	1
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	10	3	3	0	16	18	3	4
Fatalities	3	0	1	0	4	1	2	0
Serious injuries	2	1	0	0	3	4	1	3

Figure 1: Number of crossing accidents per month



Data extracted February 26, 2019.

*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)		
	2019	2018	2014-2018 average	2019	2018	2014-2018 average
Canada	13	8	9	2	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	0	0
Ontario	5	1	3	1	0	1
Manitoba	0	3	1	0	1	0
Saskatchewan	1	1	0	0	0	0
Alberta	2	1	1	0	0	0
British Columbia	4	1	1	1	0	0
Northwest Territories	0	0	0	0	0	0

* There were no occurrences with dangerous goods release to date in 2019 or in 2018.

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

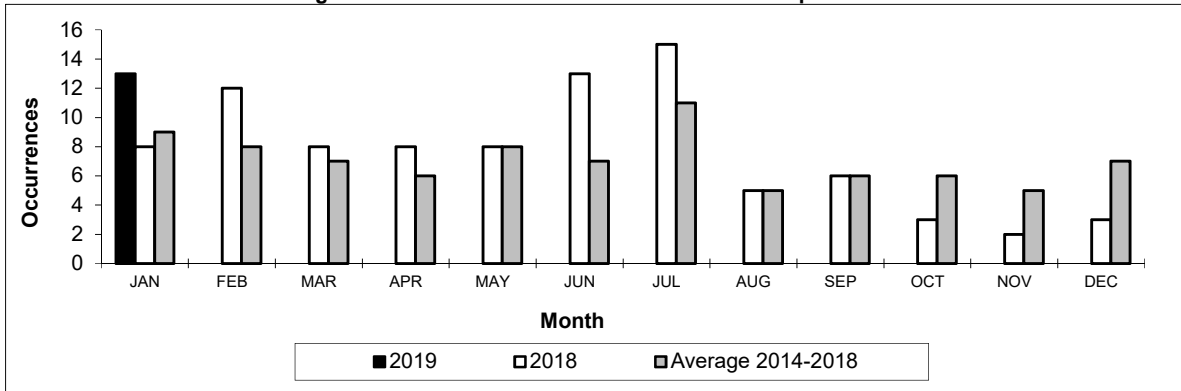
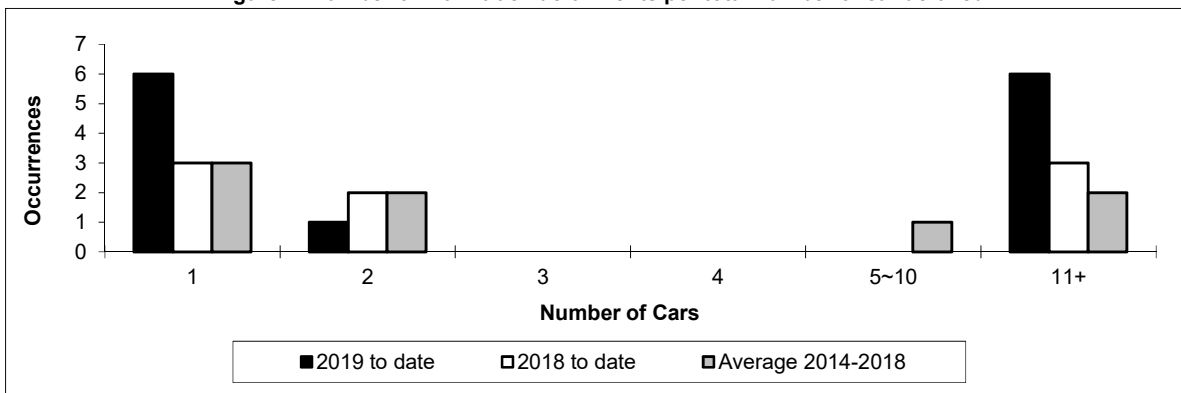


Figure 2: Number of main-track derailments per total number of car derailed



Data extracted February 26, 2019.

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)		
	2019	2018	2014-2018 average	2019	2018	2014-2018 average
	Canada	14	13	10	9	1
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	0	0	0	0	0
Ontario	3	3	2	2	0	1
Manitoba	2	2	3	0	0	1
Saskatchewan	2	0	1	2	0	0
Alberta	6	3	2	4	1	1
British Columbia	1	5	2	1	0	0
Northwest Territories	0	0	0	0	0	0

* There were no occurrences with dangerous goods release to date in 2019 or in 2018.

Figure 1: Number of non main-track train collisions per month

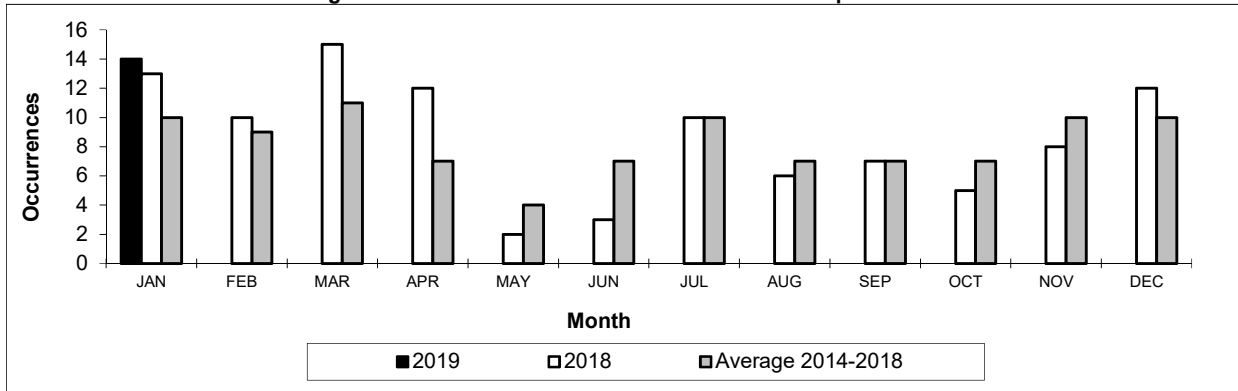
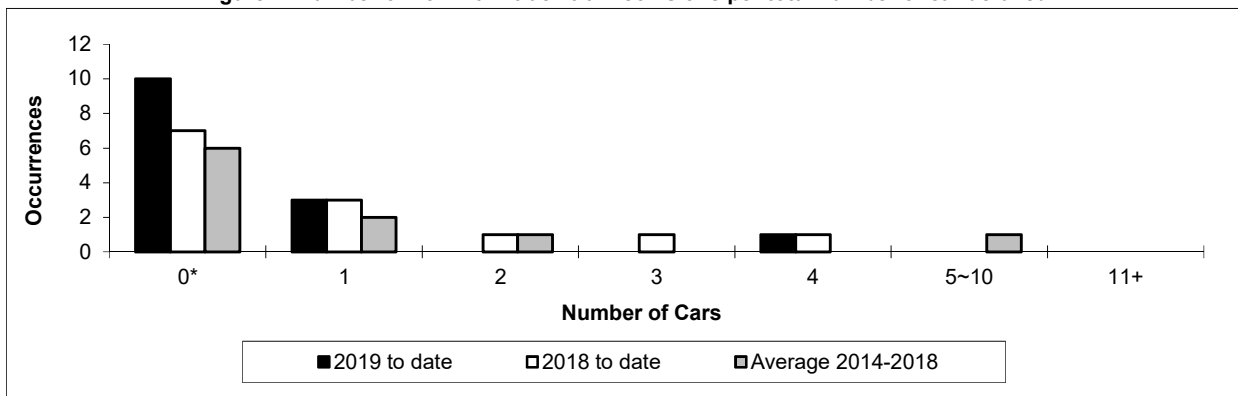


Figure 2: Number of non main-track train collisions per total number of car derailed



Data extracted February 26, 2019.

* 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)		
	2019	2018	2014-2018 average	2019	2018	2014-2018 average
Canada	69	79	61	10	11	9
Newfoundland	1	2	1	0	0	0
Nova Scotia	0	1	0	0	1	0
New Brunswick	1	0	0	0	0	0
Quebec	16	21	11	3	4	1
Ontario	7	19	12	0	2	2
Manitoba	8	5	7	1	0	1
Saskatchewan	3	4	6	0	0	1
Alberta	18	14	14	4	2	3
British Columbia	14	13	8	1	2	1
Northwest Territories	1	0	0	1	0	0

* There were no occurrences with dangerous goods release to date in 2019 or in 2018.

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

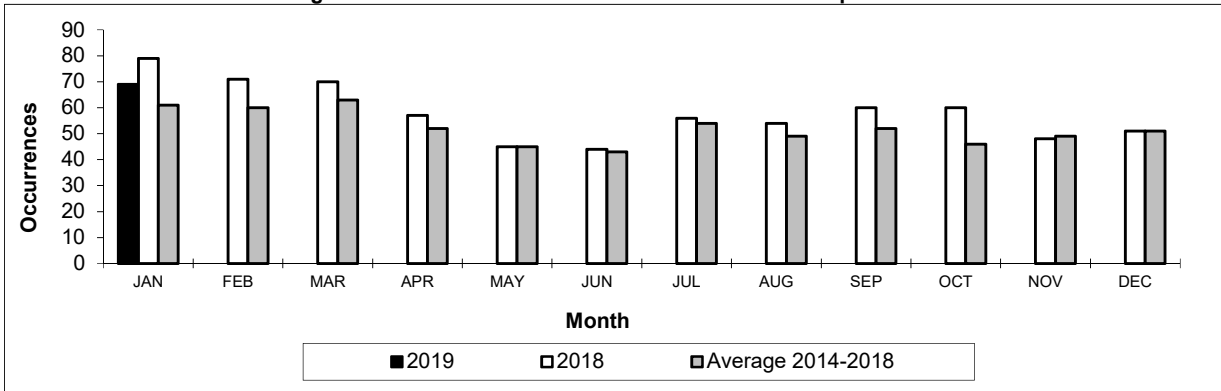
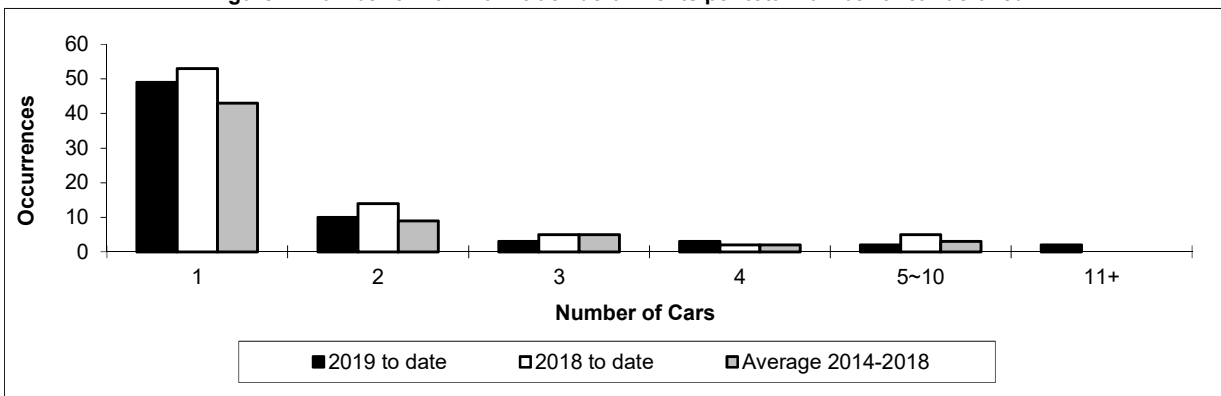


Figure 2: Number of non main-track derailments per total number of car derailed



Data extracted February 26, 2019.

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

* Under new reporting requirements all derailments are reportable.