

Table 1
Railway occurrence and casualty

	March			January to March		
	2020	2019	2015-2019 average	2020	2019	2015-2019 average
Accidents	92	140	105	248	436	310
Main-track train collisions	1	0	0	1	1	1
Main-track train derailments - 1-2 cars*	7	10	5	14	27	15
Main-track train derailments - 3-5 cars	0	1	1	0	1	2
Main-track train derailments - 6 or more cars	2	0	1	6	9	7
Crossings	8	19	14	32	62	48
Non-main-track train collisions	7	15	12	21	43	33
Non-main-track train derailments - 1-2 cars*	43	59	45	111	200	130
Non-main-track train derailments - 3-5 cars	5	10	7	18	27	21
Non-main-track train derailments - 6 or more cars	3	4	3	8	11	8
Collisions/Derailments involving track units	2	4	3	3	12	9
Employee/Passenger	0	4	2	1	7	4
Trespassers	5	1	4	11	7	11
Fires/Explosions	5	7	3	9	13	8
Other	3	6	6	12	16	14
Incidents	21	32	33	69	105	101
Main-track train derailments - 1-2 cars* (no damage)	0	0	0	0	2	1
Non-main-track train collisions* (no derailment, no damage)	0	0	0	0	0	1
Non-main-track train derailments - 1-2 cars* (no damage)	6	16	13	15	46	45
Dangerous goods leaker**	0	0	1	0	0	2
Main-track switch in abnormal position	0	2	2	1	5	4
Movement exceeds limits of authority	11	12	11	40	42	35
Uncontrolled movement of rolling stock	4	1	1	7	6	4
Others	0	1	3	6	4	9
Million train-miles (a)				21.46	21.90	21.01
Accidents/Million train-miles				11.56	19.91	14.75
Accidents involving dangerous goods	12	22	15	33	73	45
Main-track train derailments	2	2	1	4	6	5
Crossings	1	1	1	1	1	2
Non-main-track train collisions	2	4	4	6	19	12
Non-main-track train derailments	7	14	8	21	45	24
All others	0	1	1	1	2	2
Accidents with a DG release	1	2	1	3	3	2
Accidents involving passenger trains	2	5	3	9	19	14
Accidents involving an uncontrolled movement of rolling	1	7	5	5	21	13
Fatalities	3	3	4	11	19	11
Crossings	0	1	1	3	9	4
Trespassers	3	1	3	8	6	7
All others	0	1	0	0	4	1
Serious Injuries	3	3	4	6	13	15
Crossings	1	0	2	2	4	7
Trespassers	2	0	1	3	1	4
All others	0	3	2	1	8	4

Data extracted 22 April 2020.

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.

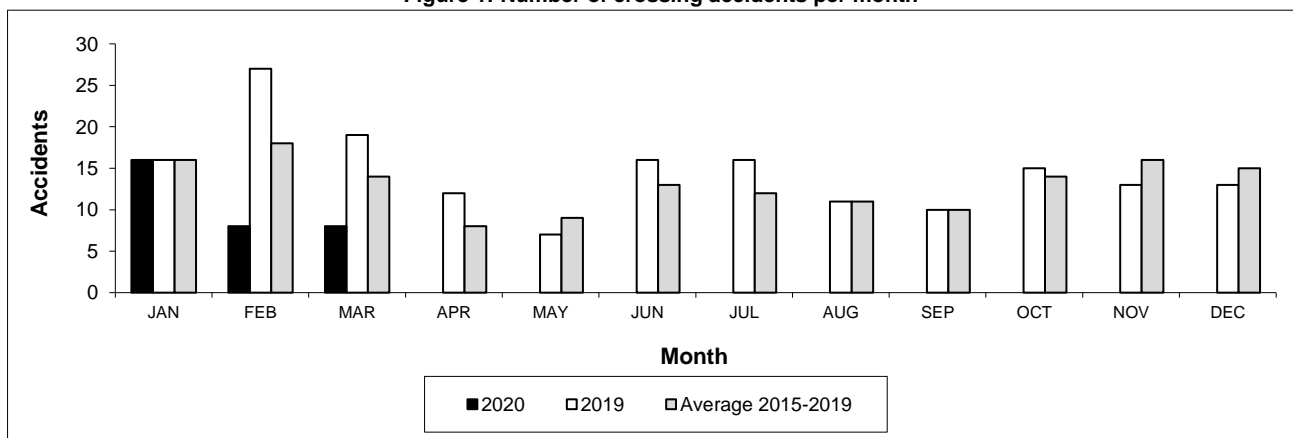
* Under new reporting requirements all derailments are reportable. The TSB has reviewed derailments and collisions back to January 1, 2014 and recategorized occurrences with minimal consequences as reportable incidents including: derailments involving 1 to 2 cars, with no equipment or track damage, no 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 2020 - Year to date*				All crossings Year to date*		Trespasser Year to date*	
	Public automated	Public passive	Private	Farm	2020	2019	2020	2019
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	1	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
New Brunswick								
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
Quebec								
Accidents	9	0	2	0	11	8	1	0
Fatalities	2	0	0	0	2	1	1	0
Serious injuries	2	0	0	0	2	0	0	0
Ontario								
Accidents	2	0	1	0	3	20	2	5
Fatalities	0	0	0	0	0	5	2	5
Serious injuries	0	0	0	0	0	1	0	0
Manitoba								
Accidents	0	1	1	0	2	6	1	0
Fatalities	0	0	0	0	0	0	1	0
Serious injuries	0	0	0	0	0	0	0	0
Saskatchewan								
Accidents	0	1	0	0	1	9	0	0
Fatalities	0	0	0	0	0	1	0	0
Serious injuries	0	0	0	0	0	2	0	0
Alberta								
Accidents	3	7	0	0	10	13	3	2
Fatalities	0	1	0	0	1	1	3	1
Serious injuries	0	0	0	0	0	0	0	1
British Columbia								
Accidents	2	0	1	0	3	5	4	0
Fatalities	0	0	0	0	0	1	1	0
Serious injuries	0	0	0	0	0	1	3	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	16	10	6	0	32	62	11	7
Fatalities	2	1	0	0	3	9	8	6
Serious injuries	2	0	0	0	2	4	3	1

Figure 1: Number of crossing accidents per month



Data extracted 22 April 2020.

*Year to date is from January to March.

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 March			Derailments with DG involvement January to March		
	2020	2019	2015-2019 average	2020	2019	2015-2019 average
Canada	20	39	25	4	6	5
Newfoundland	1	0	0	0	0	0
Nova Scotia	0	0	0	0	0	0
New Brunswick	0	0	0	0	0	0
Quebec	4	4	3	0	0	0
Ontario	6	9	6	2	2	2
Manitoba	1	3	2	0	2	1
Saskatchewan	1	6	3	1	0	0
Alberta	3	8	5	0	1	1
British Columbia	4	9	6	1	1	0
Northwest Territories	0	0	0	0	0	0

* There were 2 occurrences with dangerous goods release to date in 2020 and 1 in 2019.

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

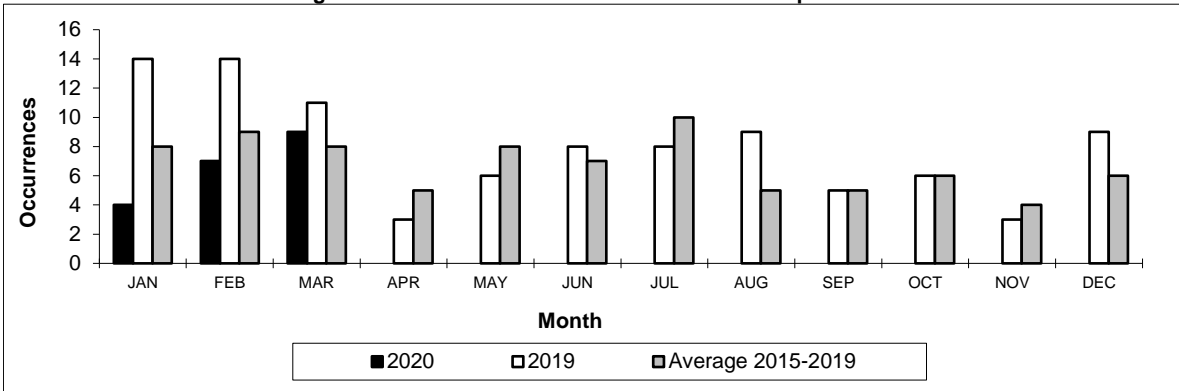
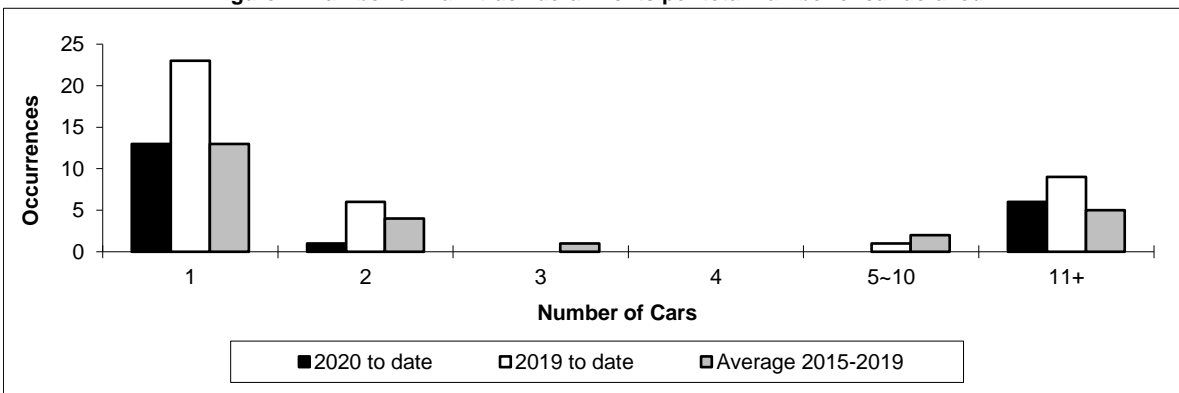


Figure 2: Number of main-track derailments per total number of car derailed



Data extracted 22 April 2020.

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 March			Collisions with DG involvement January to March		
	2020	2019	2015-2019 average	2020	2019	2015-2019 average
	Canada	21	43	33	6	19
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	2	2	0	0	1
Ontario	7	10	7	2	4	3
Manitoba	4	5	5	1	1	2
Saskatchewan	2	7	4	0	3	1
Alberta	4	14	8	1	10	4
British Columbia	3	5	7	2	1	1
Northwest Territories	0	0	0	0	0	0

* There were no occurrences with dangerous goods release to date in 2020 or in 2019.

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

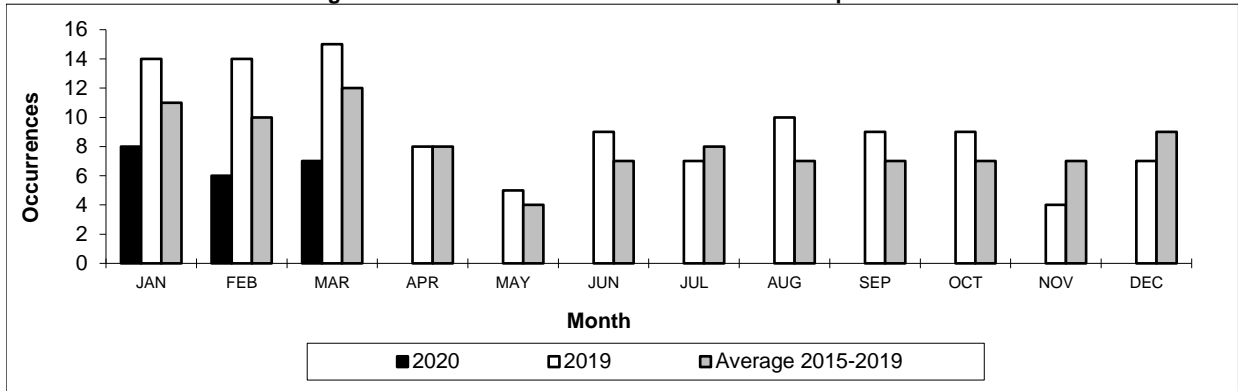
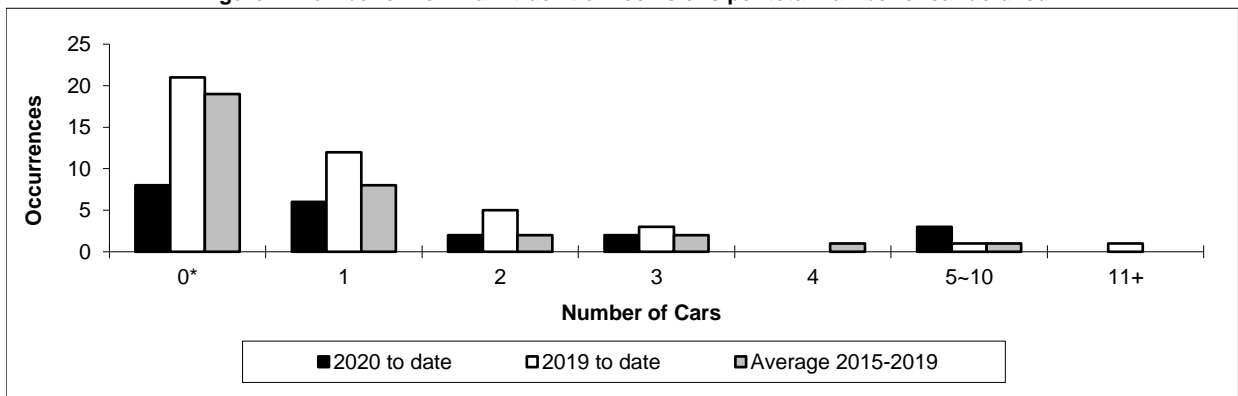


Figure 2: Number of non main-track train collisions per total number of car derailed



Data extracted 22 April 2020.

* 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 March			Derailments with DG involvement January to March		
	2020	2019	2015-2019 average	2020	2019	2015-2019 average
	Canada	152	284	204	21	55
Newfoundland	4	5	4	0	0	0
Nova Scotia	1	0	1	0	0	0
New Brunswick	2	6	3	1	1	1
Quebec	27	80	44	1	14	6
Ontario	28	49	34	4	6	5
Manitoba	10	27	25	3	8	4
Saskatchewan	12	24	19	1	4	2
Alberta	35	54	40	5	13	8
British Columbia	33	38	33	6	8	4
Northwest Territories	0	1	0	0	1	0

* There were no occurrences with dangerous goods release to date in 2020 or in 2019.

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

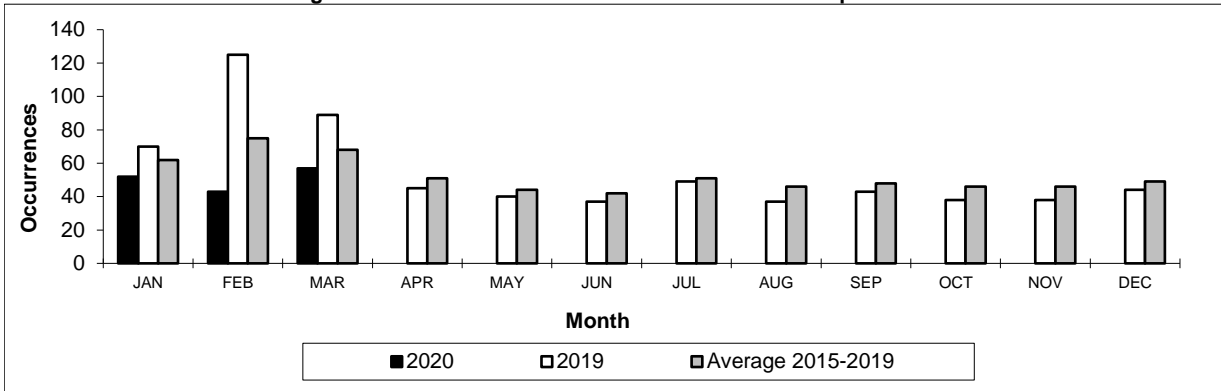
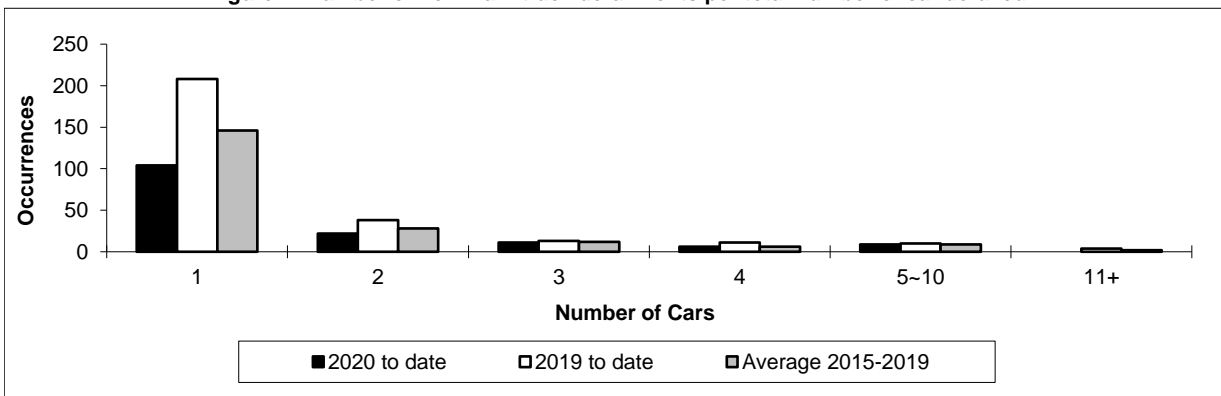


Figure 2: Number of non main-track derailments per total number of car derailed



Data extracted 22 April 2020.

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

* Under new reporting requirements all derailments are reportable.