

Table 1
Railway occurrence and casualty

	June			January to June		
	2020	2019	2015-2019 average	2020	2019	2015-2019 average
Accidents	75	103	85	497	726	567
Main-track train collisions	0	0	0	3	1	2
Main-track train derailments - 1-2 cars*	2	4	4	23	34	25
Main-track train derailments - 3-5 cars	0	0	0	0	2	4
Main-track train derailments - 6 or more cars	6	4	2	18	18	15
Crossings	10	16	13	55	99	78
Non-main-track train collisions	4	9	7	40	65	51
Non-main-track train derailments - 1-2 cars*	24	27	30	199	296	225
Non-main-track train derailments - 3-5 cars	5	5	6	33	45	43
Non-main-track train derailments - 6 or more cars	3	4	2	13	17	15
Collisions/Derailments involving track units	6	3	3	16	22	19
Employee/Passenger	2	1	1	3	10	7
Trespassers	3	7	8	31	23	33
Fires/Explosions	8	19	5	44	68	25
Other	2	4	3	19	27	24
Incidents	17	18	19	121	164	162
Main-track train derailments - 1-2 cars* (no damage)	0	0	0	0	2	2
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)	1	1	5	24	51	58
Dangerous goods leaker**	0	0	0	0	0	4
Main-track switch in abnormal position	1	2	1	3	11	6
Movement exceeds limits of authority	10	14	11	73	79	69
Uncontrolled movement of rolling stock	3	1	1	12	9	6
Others	2	0	1	9	11	15
Million train-miles (a)				40.69	44.80	42.32
Accidents/Million train-miles				12.21	16.21	13.40
Accidents involving dangerous goods	6	11	9	50	108	74
Main-track train derailments	1	3	1	5	12	8
Crossings	1	0	0	2	3	3
Non-main-track train collisions	0	6	3	8	31	19
Non-main-track train derailments	4	2	5	34	59	41
All others	0	0	0	1	3	3
Accidents with a DG release	0	1	0	3	4	3
Accidents involving passenger trains	2	5	4	16	30	27
Accidents involving an uncontrolled movement of rolling	2	5	4	12	41	25
Fatalities	6	10	7	30	38	30
Crossings	2	6	2	5	18	9
Trespassers	2	4	5	23	16	20
All others	2	0	0	2	4	1
Serious Injuries	4	6	6	18	28	32
Crossings	2	2	2	8	10	13
Trespassers	1	3	3	8	7	11
All others	1	1	1	2	11	8

Data extracted 16 July 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.

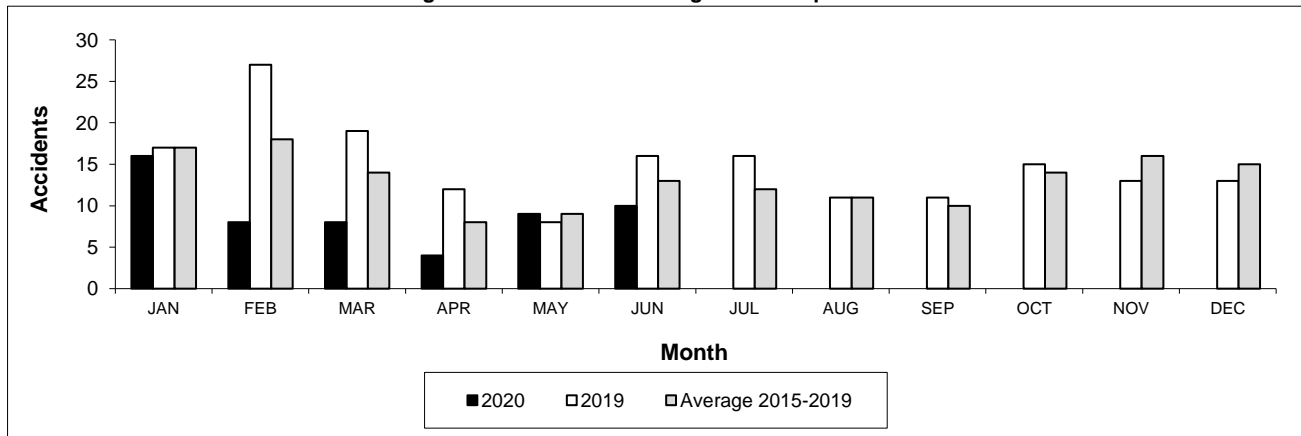
* Under new reporting requirements all derailments are reportable. The TSB has reviewed derailments and collisions back to January 1, 2014 and reclassified occurrences with minimal consequences as reportable incidents including: derailments involving 1 to 2 cars, with no equipment or track damage, no 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	1	0
Fatalities	0	0	0	0	0	0	0	0
Serious injuries	0	0	0	0	0	0	1	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	10	0	2	0	12	11	3	2
Fatalities	2	0	0	0	2	1	3	1
Serious injuries	2	0	0	0	2	1	0	1
Ontario								
Accidents	8	2	1	0	11	30	11	9
Fatalities	1	0	0	0	1	9	10	8
Serious injuries	1	0	0	0	1	1	1	1
Manitoba								
Accidents	1	2	1	0	4	14	1	0
Fatalities	0	0	0	0	0	2	1	0
Serious injuries	0	0	0	0	0	0	0	0
Saskatchewan								
Accidents	0	1	0	0	1	12	1	2
Fatalities	0	0	0	0	0	2	1	2
Serious injuries	0	0	0	0	0	2	0	0
Alberta								
Accidents	4	12	0	0	16	20	8	7
Fatalities	0	2	0	0	2	2	6	3
Serious injuries	1	2	0	0	3	3	2	4
British Columbia								
Accidents	6	1	1	1	9	11	6	3
Fatalities	0	0	0	0	0	2	2	2
Serious injuries	2	0	0	0	2	3	4	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	29	19	6	1	55	99	31	23
Fatalities	3	2	0	0	5	18	23	16
Serious injuries	6	2	0	0	8	10	8	7

Figure 1: Number of crossing accidents per month



Data extracted 16 July 2020.

*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		
	2020	2019	2015-2019 average	2020	2019	2015-2019 average
Canada	41	56	46	5	12	8
Newfoundland	1	0	0	0	0	0
Nova Scotia	0	0	0	0	0	0
New Brunswick	0	1	1	0	0	0
Quebec	7	7	6	0	2	1
Ontario	10	14	10	2	4	3
Manitoba	3	5	3	0	3	1
Saskatchewan	5	7	5	1	1	1
Alberta	6	9	10	1	1	1
British Columbia	9	13	11	1	1	1
Northwest Territories	0	0	0	0	0	0

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

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

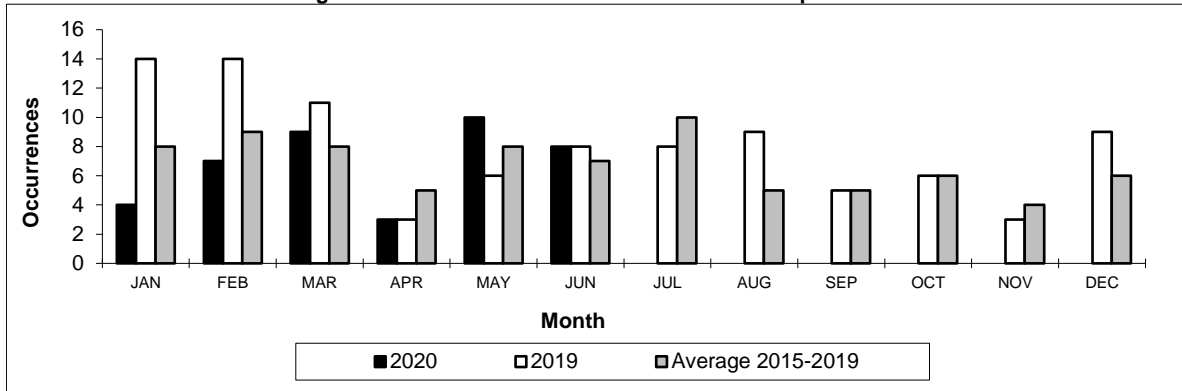
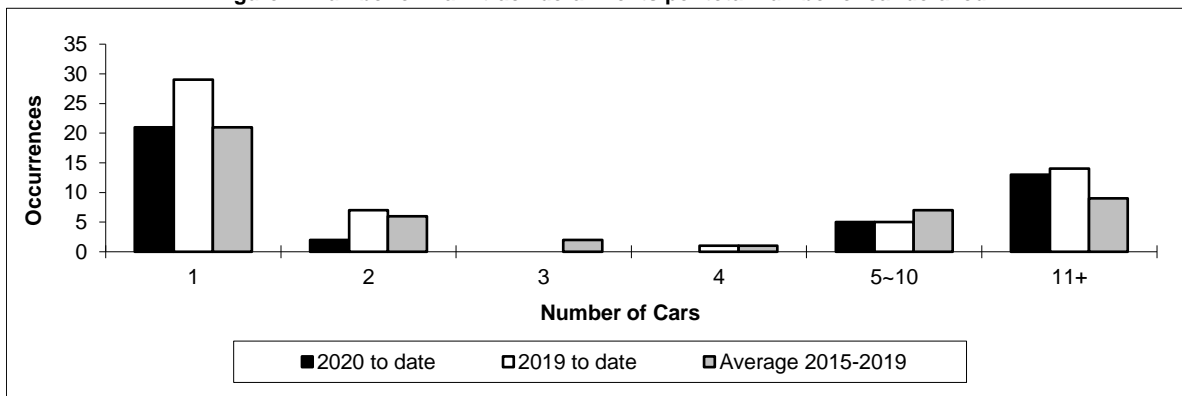


Figure 2: Number of main-track derailments per total number of car derailed



Data extracted 16 July 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 June			Collisions with DG involvement January to June		
	2020	2019	2015-2019 average	2020	2019	2015-2019 average
Canada	40	65	52	8	31	20
Newfoundland	0	0	0	0	0	0
Nova Scotia	0	0	0	0	0	0
New Brunswick	1	0	0	0	0	0
Quebec	3	4	5	1	1	2
Ontario	14	15	12	3	7	5
Manitoba	5	8	7	1	4	3
Saskatchewan	2	9	6	0	3	1
Alberta	6	22	13	1	15	7
British Columbia	9	7	9	2	1	2
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

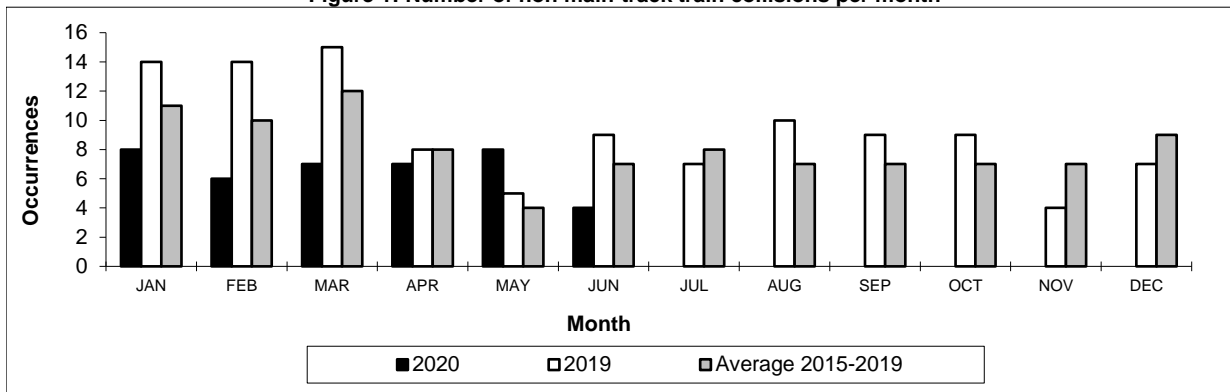
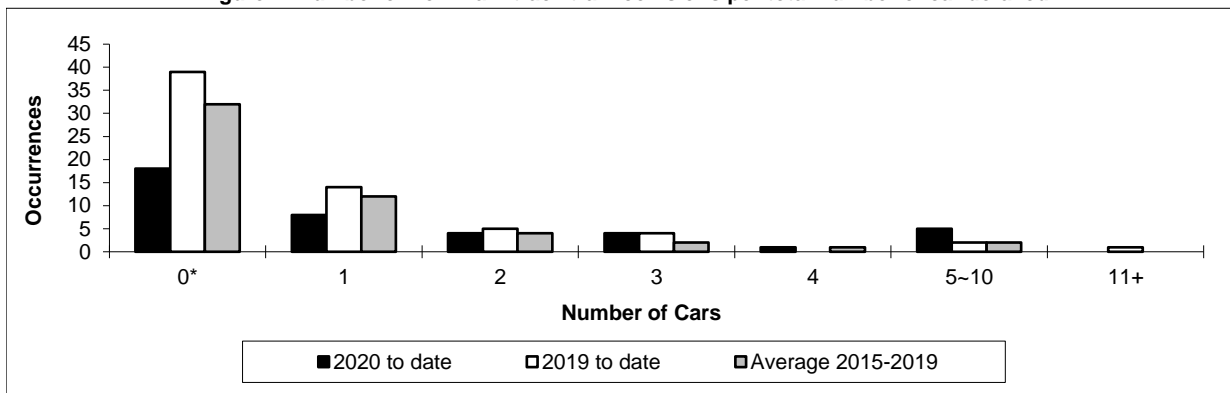


Figure 2: Number of non main-track train collisions per total number of car derailed



Data extracted 16 July 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 June			Derailments with DG involvement January to June		
	2020	2019	2015-2019 average	2020	2019	2015-2019 average
	Canada	269	409	342	36	69
Newfoundland	9	6	5	0	0	0
Nova Scotia	2	2	2	0	0	0
New Brunswick	3	6	5	2	1	2
Quebec	47	106	67	1	18	8
Ontario	51	75	63	6	9	9
Manitoba	27	45	43	6	10	7
Saskatchewan	22	35	35	3	7	4
Alberta	52	74	64	11	15	12
British Columbia	56	59	58	7	8	6
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

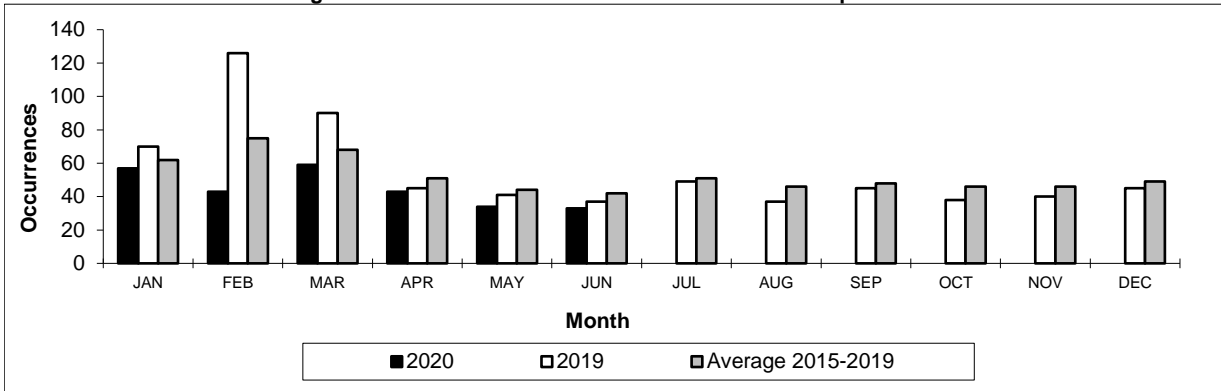
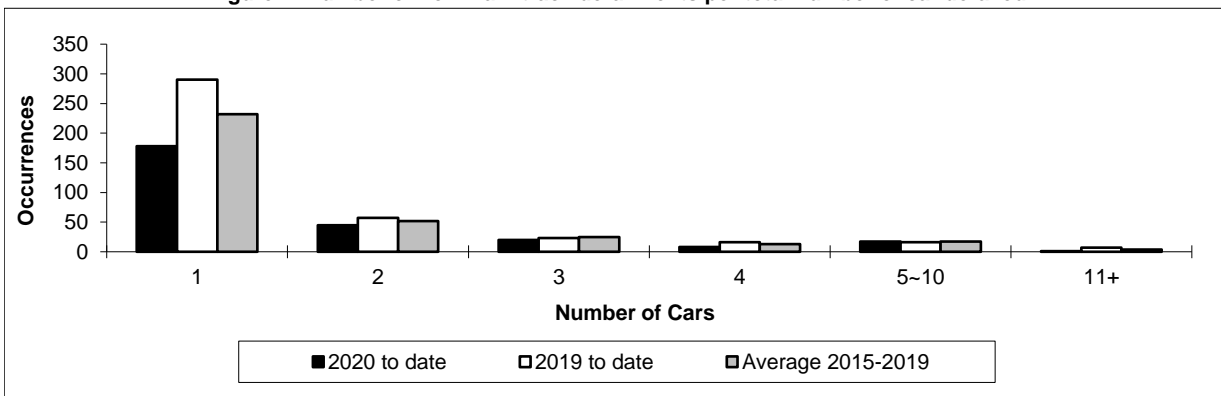


Figure 2: Number of non main-track derailments per total number of car derailed



Data extracted 16 July 2020.

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

* Under new reporting requirements all derailments are reportable.