

Table 1

Railway occurrences and casualties

	September			Year to date (September)		
	2020	2019	2015-2019 average	2020	2019	2015-2019 average
Accidents	80	92	86	743	1014	834
Main-track train collisions	0	1	1	5	3	3
Main-track train derailments - 1-2 cars*	5	2	2	34	47	36
Main-track train derailments - 3-5 cars	0	0	0	2	5	6
Main-track train derailments - 6 or more cars	1	3	2	24	24	22
Crossings	16	11	10	92	137	112
Non-main-track train collisions	6	9	7	55	92	73
Non-main-track train derailments - 1-2 cars*	32	33	37	298	399	335
Non-main-track train derailments - 3-5 cars	5	8	6	51	63	61
Non-main-track train derailments - 6 or more cars	3	3	1	19	25	21
Collisions/Derailments involving track units	0	8	5	25	37	31
Employee/Passenger	0	1	1	4	12	11
Trespassers	5	10	7	46	46	53
Fires/Explosions	6	2	3	65	90	38
Other	1	1	2	23	34	34
Incidents	16	13	19	172	206	222
Main-track train derailments - 1-2 cars* (no damage)	0	0	0	0	2	2
Non-main-track train collisions* (no derailment, no damage)	1	0	0	1	0	2
Non-main-track train derailments - 1-2 cars* (no damage)	1	1	3	29	53	71
Dangerous goods leaker**	0	0	1	0	0	7
Main-track switch in abnormal position	0	2	1	3	14	8
Movement exceeds limits of authority	9	8	10	103	112	101
Uncontrolled movement of rolling stock	3	2	1	17	12	9
Others	2	0	2	19	13	21
Million train-miles (a)	.	.	.	61.08	67.21	63.42
Accidents/Million train-miles	.	.	.	12.16	15.09	13.15
Accidents involving dangerous goods	9	10	7	69	140	97
Main-track train derailments	0	2	1	6	17	12
Crossings	0	0	0	2	6	4
Non-main-track train collisions	2	2	2	10	37	25
Non-main-track train derailments	7	5	4	48	75	53
All others	0	1	0	3	5	4
Accidents with a DG release	0	2	1	3	8	4
Accidents involving passenger trains	2	3	5	27	42	41
Accidents involving an uncontrolled movement of rolling stock	2	3	4	20	58	37
Fatalities	10	10	6	49	60	48
Crossings	8	2	2	16	23	14
Trespassers	2	8	4	31	32	32
All others	0	0	0	2	5	1
Serious Injuries	5	4	5	33	45	49
Crossings	2	0	2	13	18	19
Trespassers	3	2	2	15	13	18
All others	0	2	2	5	14	13

Data extracted 16 October 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)

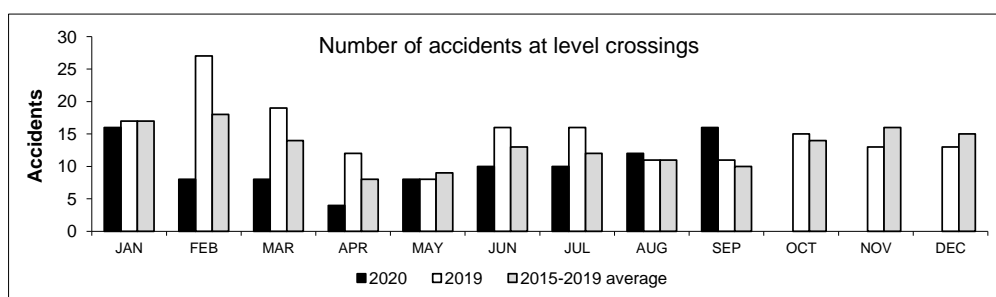
New TSB regulations came into effect on July 1, 2014, changing some reporting requirements.

* 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.

Monthly rail transportation occurrence statistics
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Table 2
Railway crossing and trespasser accidents by province

	Crossings with type recorded (year to date 2020)				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	1	0	2	1	1	0
Fatalities	0	0	0	0	0	0	0	0
Serious Injuries	0	0	1	0	1	2	1	0
New Brunswick								
Accidents	0	0	1	0	1	2	1	1
Fatalities	0	0	0	0	0	0	0	0
Serious Injuries	0	0	0	0	0	0	1	1
Quebec								
Accidents	11	1	2	1	15	18	6	6
Fatalities	2	1	0	0	3	1	6	4
Serious Injuries	2	0	0	0	2	1	0	2
Ontario								
Accidents	8	4	1	0	13	39	17	16
Fatalities	2	0	0	0	2	10	12	14
Serious Injuries	1	0	0	0	1	1	5	2
Manitoba								
Accidents	3	8	4	0	15	16	2	2
Fatalities	1	4	0	0	5	4	1	2
Serious Injuries	0	2	0	0	2	0	1	0
Saskatchewan								
Accidents	1	3	0	0	4	19	1	2
Fatalities	0	1	0	0	1	3	1	2
Serious Injuries	1	0	0	0	1	4	0	0
Alberta								
Accidents	6	17	1	0	24	28	9	12
Fatalities	0	3	0	0	3	2	7	7
Serious Injuries	2	2	0	0	4	6	2	4
British Columbia								
Accidents	11	1	3	1	17	14	9	7
Fatalities	1	0	0	0	2	3	4	3
Serious Injuries	2	0	0	0	2	4	5	4
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	35	13	2	91	137	46	46
Fatalities	6	9	0	0	16	23	31	32
Serious Injuries	8	4	1	0	13	18	15	13



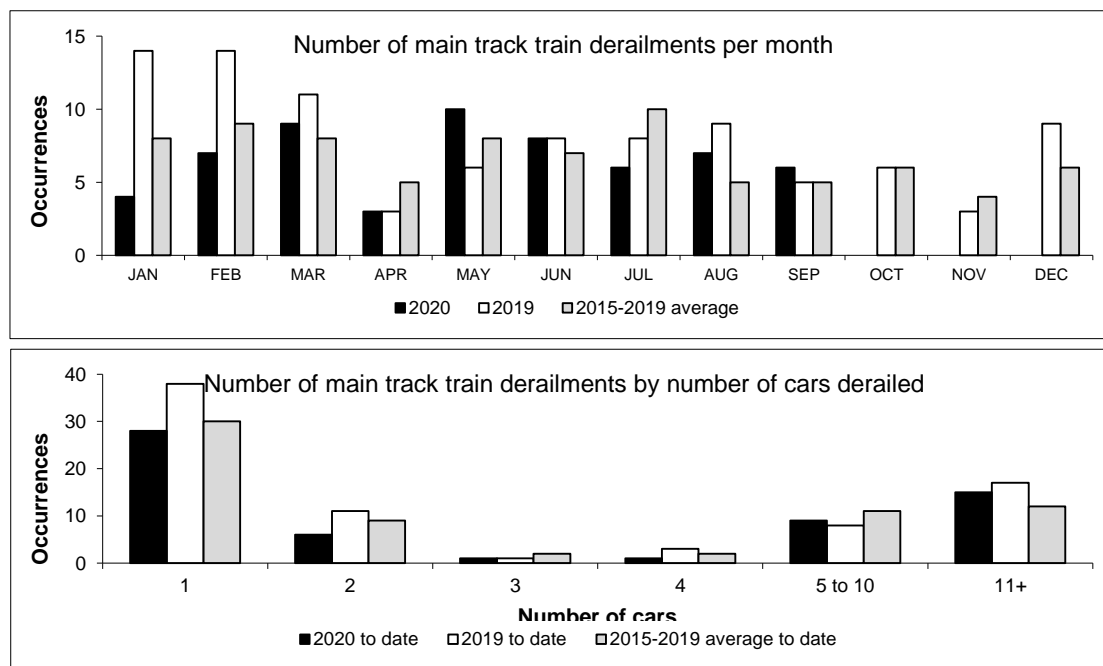
Data extracted 16 October 2020

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

Table 3

Main track derailment accidents and incidents by province

	September			Year to date (September)		
	2020	2019	2015-2019 average	2020	2019	2015-2019 average
Canada	6	5	5	60	78	66
Newfoundland	0	0	0	1	0	0
Nova Scotia	0	0	0	0	0	0
New Brunswick	0	0	0	0	1	1
Quebec	1	0	0	8	10	8
Ontario	3	0	1	13	16	14
Manitoba	0	0	1	8	10	6
Saskatchewan	0	0	1	6	10	8
Alberta	0	4	2	9	16	15
British Columbia	2	1	1	15	15	14
Northwest Territories	0	0	0	0	0	0
Canada - with dangerous goods involved	0	2	1	6	17	12
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	3	1
Ontario	0	0	0	2	4	4
Manitoba	0	0	0	0	3	1
Saskatchewan	0	0	0	1	1	1
Alberta	0	2	1	2	4	3
British Columbia	0	0	0	1	2	1
Northwest Territories	0	0	0	0	0	0



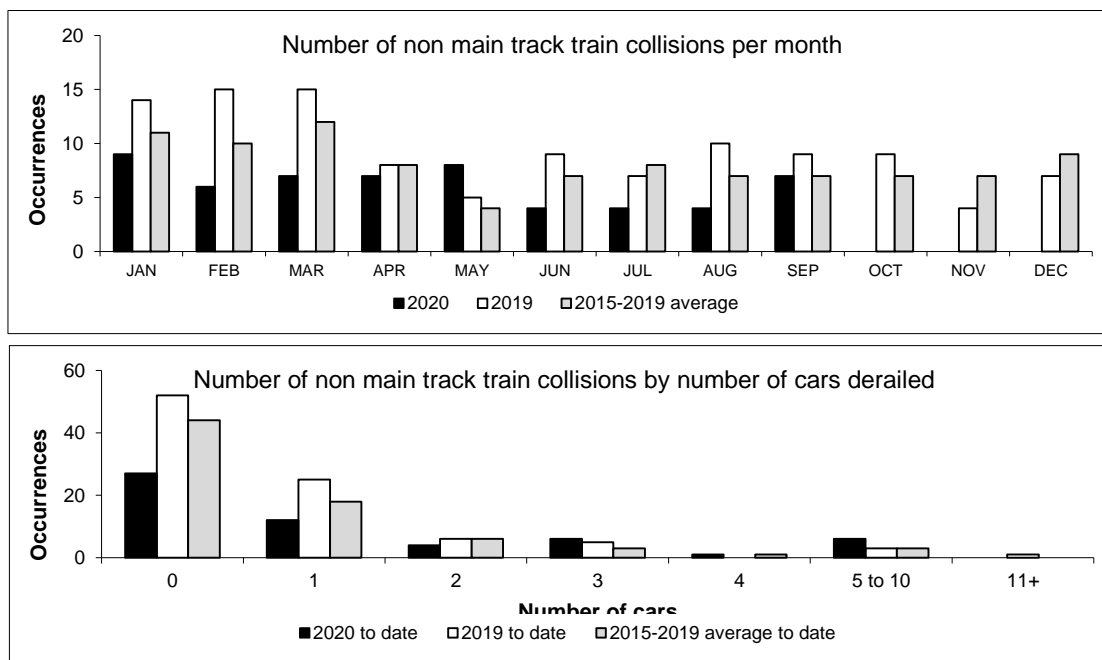
Data extracted 16 October 2020

All 5-year averages have been rounded. The totals sometimes do not coincide to the sum of these averages.

Table 4

Non-main track collision accidents and incidents by province

	September			Year to date (September)		
	2020	2019	2015-2019 average	2020	2019	2015-2019 average
Canada	7	9	7	56	92	75
Newfoundland	0	0	0	0	0	0
Nova Scotia	0	0	0	1	0	0
New Brunswick	1	0	0	2	0	0
Quebec	0	0	1	3	7	7
Ontario	0	2	1	15	21	18
Manitoba	2	1	1	8	10	9
Saskatchewan	1	1	0	3	11	8
Alberta	0	3	1	9	28	16
British Columbia	3	2	2	15	15	15
Northwest Territories	0	0	0	0	0	0
Canada - with dangerous goods involved	2	2	2	10	37	25
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	1	2	2
Ontario	0	0	0	3	9	7
Manitoba	1	0	0	2	4	3
Saskatchewan	1	1	0	1	4	2
Alberta	0	0	0	1	15	7
British Columbia	0	1	1	2	3	3
Northwest Territories	0	0	0	0	0	0



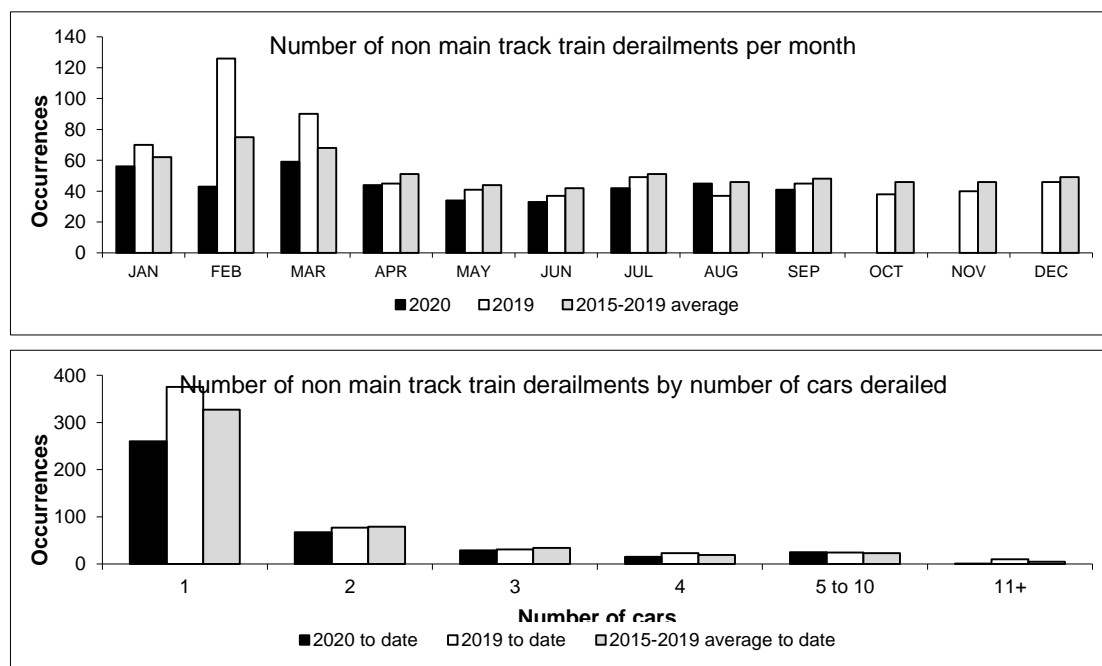
Data extracted 16 October 2020

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Table 5

Non-main track derailment accidents and incidents by province

	September			Year to date (September)		
	2020	2019	2015-2019 average	2020	2019	2015-2019 average
Canada	41	45	48	397	540	488
Newfoundland	0	1	0	10	7	7
Nova Scotia	3	0	0	6	4	3
New Brunswick	1	2	1	6	9	8
Quebec	7	3	7	64	114	86
Ontario	7	9	11	73	108	96
Manitoba	6	6	5	43	65	60
Saskatchewan	2	4	5	36	49	52
Alberta	11	14	9	76	101	92
British Columbia	4	6	9	83	82	84
Northwest Territories	0	0	0	0	1	0
Canada - with dangerous goods involved	7	5	4	50	85	61
Newfoundland	0	0	0	0	0	0
Nova Scotia	0	0	0	0	0	0
New Brunswick	0	1	1	2	2	2
Quebec	0	0	0	1	19	10
Ontario	1	0	0	9	11	11
Manitoba	2	1	1	8	12	8
Saskatchewan	0	0	0	3	9	5
Alberta	3	3	1	18	22	16
British Columbia	1	0	0	9	9	8
Northwest Territories	0	0	0	0	1	0



Data extracted 16 October 2020

All 5-year averages have been rounded. The totals sometimes do not coincide to the sum of these averages.