

Highway 104 Sections

Highway 104: Section 245: Length: 1.62 km

Description: Exit 27 A (Trunk 4) (Sutherlands River) to Exit 27 (Route 245 Intersection)

Highway 104 Section 250: Length: 10.67 km

Description: Exit 27 (Route 245 Intersection) to Broadway Overpass Structure

Highway 104 Section 252: Length: 8.12 km

Description: Broadway Overpass Structure to Exit 29 (Trunk 4) Barneys River Station

Highway 104 Section 255: Length: 7.71 km

Description: Exit 29 (Trunk 4) Barneys River Station to Pictou-Antigonish County Line

Highway 104 Section 260: Length: 4.27 km |

Description: Pictou-Antigonish County Line to Exit 30 (James River Interchange)

Highway 104 Section 270: Length: 9.13 km

Description: Exit 30 (James River Interchange) to Exit 31 A (West River Road)

Highway 104 Section 275: Length: 2.22 km

Description: Exit 31 A (West River Road) to Exit 31 (James Street) Antigonish

Trunk 4 Sections

Trunk 4 Section 20: Length: 13 km

Description: Highway 104 Exit 27 to Germaine Road (Broadway)

Trunk 4 Section 23: Length: 9.48 km

Description: Germaine Road (Broadway) to Highway 104 (Exit 29)

Trunk 4 Section 30: Length: 9.67 km

Description: Highway 104 Connector (James River) to Highway 104 (Exit 31 A)

R12 - Collision Summary

Collision Date: Between Jan 1, 2007 and Dec 31, 2015
 Authority: NS0104 Section: 245, 250, 252, 255, 260, 270, 275
 County: ALL
 Community: ALL

Collision Severity

Collision Severity	Count	%
At least one fatality	11	2.48%
Non-fatal injury	133	29.95%
Not Applicable	1	0.23%
Property damage only	299	67.34%
Total (Collisions)	444	100.00%

Collision Severity	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Fatal	0	1	0	2	1	1	3	3	0	11
Injury	26	16	20	21	11	10	11	9	9	133
Other	0	0	0	0	0	0	0	1	0	1
PDO	39	22	39	34	49	40	23	36	17	299
Total	65	39	59	57	61	51	37	49	26	444

Time

Time of Day	Count	%
00:00 - 05:59	45	10.14%
06:00 - 09:59	83	18.69%
10:00 - 15:59	176	39.64%
16:00 - 18:59	73	16.44%
19:00 - 23:59	67	15.09%
Total	444	100.00%

Time of Year	Count	%
Spring (Mar - May)	80	18.02%
Summer (Jun - Aug)	130	29.28%
Fall (Sep - Nov)	97	21.85%
Winter (Dec - Feb)	137	30.86%
Total	444	100.00%

Day of Week	Count	%
Sunday	75	16.89%
Monday	80	18.02%
Tuesday	57	12.84%
Wednesday	59	13.29%
Thursday	49	11.04%
Friday	77	17.34%
Saturday	47	10.59%
Total	444	100.00%

Circumstances								
Weather			Light Condition			Road Alignment		
Description	Count	%	Description	Count	%	Description	Count	%
0.	1	0.23%	0.	1	0.23%	0.	1	0.23%
01. Clear	206	46.40%	01. Daylight	285	64.19%	01. Straight	342	77.03%
02. Overcast, cloudy but no precipitation	69	15.54%	02. Dawn	13	2.93%	02. Curved	96	21.62%
03. Raining	62	13.96%	03. Dusk	27	6.08%	N. Not Applicable	5	1.13%
04. Snowing	75	16.89%	04. Darkness	113	25.45%	Total (Collisions)	444	100.00%
05. Freezing rain, sleet, hail	18	4.05%	N. Not Applicable	5	1.13%			
06. Fog, mist, smog	6	1.35%	Total (Collisions)	444	100.00%			
08. Strong wind	4	0.90%						
N. Not Applicable	3	0.68%						
Total (Collisions)	444	100.00%						
Collision Configuration			Road Configuration			Road Surface		
Description	Count	%	Description	Count	%	Description	Count	%
0.	1	0.23%	0.	1	0.23%	0.	1	0.23%
01. Hit moving or stationary object on road surface	103	23.20%	01. Non-intersection	336	75.68%	01. Dry, Normal	232	52.25%
02. Ran off road to left	59	13.29%	02. At an intersection of at least two public roadways	55	12.39%	02. Wet	81	18.24%
03. Ran off road to right	93	20.95%	03. Intersection with parking lot entrance/exit, private driveway or laneway	10	2.25%	03. Snow (fresh, loose snow)	39	8.78%
04. Rollover on roadway	4	0.90%	04. Traffic circle or roundabout	1	0.23%	04. Slush, wet snow	42	9.46%
021. Rear-end collision	76	17.12%	07. Bridge, overpass, viaduct	2	0.45%	05. Icy	38	8.56%
022. Same direction sideswipe	14	3.15%	08. Tunnel or underpass	1	0.23%	06. Packed snow	2	0.45%
023. One vehicle crossing path of other to the left	29	6.53%	09. Passing or climbing lane	7	1.58%	07. Loose or excess sand, gravel, or dirt	1	0.23%
024. One vehicle crossing path of other of the right	2	0.45%	010. Ramp	7	1.58%	010. Water (standing, moving)	6	1.35%
031. Head-on collision	11	2.48%	011. Express lane of a freeway system	4	0.90%	N. Not Applicable	2	0.45%
032. Approaching sideswipe	9	2.03%	N. Not Applicable	20	4.50%	Total (Collisions)	444	100.00%
033. Left turn across opposing traffic	3	0.68%	Total (Collisions)	444	100.00%			
034. Left turn into traffic	2	0.45%						
035. Left turn against traffic	2	0.45%						
036. Right turn, including turning conflicts	1	0.23%						
037. Right angle collision	7	1.58%						
041. Hit parked motor vehicle	4	0.90%						
N. Not Applicable	20	4.50%						
Q. Other than listed values	3	0.68%						
U. Unknown	1	0.23%						
Total (Collisions)	444	100.00%						
Road Condition			Road Grade			Work Zone Type		
Description	Count	%	Description	Count	%	Description	Count	%
0.	1	0.23%	0.	1	0.23%	0.	1	0.23%
01. Normal, good	428	96.40%	01. Level	264	59.46%	01. Not a construction or work zone	345	77.70%
02. Potholes, bumps	1	0.23%	02. Slope	144	32.43%	02. Road construction	20	4.50%
03. Under repair, construction	8	1.80%	03. Top of hill	18	4.05%	03. Road maintenance or repair	4	0.90%
06. Worn	1	0.23%	04. Bottom of hill	10	2.25%	05. Emergency Response Site	2	0.45%
N. Not Applicable	2	0.45%	N. Not Applicable	7	1.58%	N. Not Applicable	72	16.22%
Q. Other than listed values	3	0.68%	Total (Collisions)	444	100.00%	Total (Collisions)	444	100.00%
Total (Collisions)	444	100.00%						

Unusual Environment Circumstance1			Unusual Environment Circumstance2			Vehicle Type		
Description	Count	%	Description	Count	%	Description	Count	%
0.	1	0.23%	0.	1	0.23%	1. Passenger car	356	56.96%
01. None	286	64.41%	01. None	33	7.43%	2. Passenger van	30	4.80%
02. Animal in roadway	88	19.82%	02. Animal in roadway	1	0.23%	3. Sport utility vehicle	45	7.20%
03. Limited visibility	31	6.98%	03. Limited visibility	5	1.13%	4. Pickup truck <= 4536 kg GVWR	105	16.80%
05. Acts of God	4	0.90%	04. View obstructed	1	0.23%	5. Panel/cargo van <= 4536 kg GVWR	5	0.80%
08. Obstruction on road	7	1.58%	05. Acts of God	3	0.68%	6. Other trucks and vans <= 4536 kg GVWR	9	1.44%
09. Road shoulders	1	0.23%	08. Obstruction on road	1	0.23%	7. Unit truck(2-axle,6 tires) > 4536 kg GVWR	8	1.28%
N. Not Applicable	24	5.41%	09. Road shoulders	2	0.45%	8. Unit truck (3 or more axles) > 4536 kg GVWR	29	4.64%
Q. Other than listed values	1	0.23%	N. Not Applicable	395	88.96%	9. Other unit trucks > 4536 kg GVWR	6	0.96%
U. Unknown	1	0.23%	U. Unknown	2	0.45%	10. Road tractor	4	0.64%
Total (Collisions)	444	100.00%	Total (Collisions)	444	100.00%	16. Motorcycle	7	1.12%
						20. Bicycle	1	0.16%
						21. Purpose-build motor home	3	0.48%
						N. Not Applicable	16	2.56%
						U. Unknown	1	0.16%
							0	0.00%
						Total (Vehicles)	625	100.00%

Collision Details - by Vehicle			Vehicle Event2-Moveable Object			Vehicle Event3-NonMoveable Object		
Vehicle Event1-NonCollision Event			Description			Description		
Description	Count	%	Description	Count	%	Description	Count	%
1. Skidded or spun on roadway	106	16.96%	11. Hit another moving vehicle	190	30.40%	22. Hit a non-fixed object	13	2.08%
2. Ran off roadway to right	76	12.16%	14. Hit deer	79	12.64%	24. Hit a ditch	97	15.52%
3. Ran off roadway to left	45	7.20%	16. Hit other animal	12	1.92%	25. Hit embankment, dirt pile, rock	9	1.44%
4. Overturned, rollover	15	2.40%	19. Hit light rail transit vehicle	1	0.16%	26. Hit end of culvert, drainage structure	2	0.32%
5. Jack-knife or trailer swing	3	0.48%	20. Hit parked vehicle	17	2.72%	27. Hit tree, large bush / hedge	8	1.28%
10. Other non-collision event	38	6.08%	21. Hit other moveable object	7	1.12%	28. Hit utility pole / lamp pole	2	0.32%
N. Not Applicable	322	51.52%	N. Not Applicable	309	49.44%	29. Hit curb	1	0.16%
Q. Other than listed values	15	2.40%	Q. Other than listed values	8	1.28%	30. Hit post	6	0.96%
U. Unknown	5	0.80%	U. Unknown	2	0.32%	31. Hit traffic barrier	30	4.80%
	0	0.00%		0	0.00%	32. Hit a fixed object that is part of the road structure not mentioned above	16	2.56%
Total (Vehicles)	625	100.00%	Total (Vehicles)	625	100.00%	33. [Hit fixed object that is NOT part of the road structure & not mentioned above]	7	1.12%
						39. Hit other types of fixed object	2	0.32%
						N. Not Applicable	431	68.96%
						Q. Other than listed values	1	0.16%
							0	0.00%
						Total (Vehicles)	625	100.00%
Contributing Factors - by Vehicle			Driver Condition1			Driver Condition2		
Vehicle Manoeuvre			Description			Description		
Description	Count	%	Description	Count	%	Description	Count	%
1. Going straight ahead	419	67.04%	1. No driver condition as contributing factor	532	85.12%	1. No driver condition as contributing factor	33	5.28%
2. Turning left	24	3.84%	2. Fatigued, fell asleep	28	4.48%	5. Suspected use of illegal drugs	3	0.48%
3. Turning right	9	1.44%	3. Suspected use of alcohol	2	0.32%	6. Sudden illness, lost consciousness	1	0.16%
4. Making U-turn	1	0.16%	4. Ability impaired by alcohol	4	0.64%	7. Affected by legal medication	1	0.16%
5. Negotiating a curve	45	7.20%	5. Suspected use of illegal drugs	2	0.32%	8. Physical disability	1	0.16%
6. Changing lanes	4	0.64%	6. Sudden illness, lost consciousness	5	0.80%	N. Not Applicable	581	92.96%
7. Merging into traffic	20	3.20%	7. Affected by legal medication	3	0.48%	U. Unknown	5	0.80%
8. Overtaking, passing on left or right	16	2.56%	N. Not Applicable	32	5.12%		0	0.00%
9. Slowing in traffic	11	1.76%	Q. Other than listed values	3	0.48%	Total (Vehicles)	625	100.00%
10. Stopped in traffic	36	5.76%	U. Unknown	14	2.24%			
11. Starting in traffic	6	0.96%		0	0.00%			
13. Entering parked position	2	0.32%	Total (Vehicles)	625	100.00%			
14. Reversing	3	0.48%						
15. Parked legally	1	0.16%						
17. Runaway or roll-away vehicle	3	0.48%						
N. Not Applicable	22	3.52%						
U. Unknown	3	0.48%						
	0	0.00%						
Total (Vehicles)	625	100.00%						

Vehicle Related			Driver Action1			Driver Action2		
Description	Count	%	Description	Count	%	Description	Count	%
1. No vehicle contributing factor	501	80.16%	1. No driver action as contributing factor	414	66.24%	1. No driver action as contributing factor	20	3.20%
2. Brakes	4	0.64%	2. Following too closely	40	6.40%	2. Following too closely	5	0.80%
3. Steering	2	0.32%	3. Driving too fast for conditions	67	10.72%	3. Driving too fast for conditions	3	0.48%
5. Tires	18	2.88%	4. Exceeding speed limit	6	0.96%	4. Exceeding speed limit	2	0.32%
6. Wheel assembly	3	0.48%	5. Improper passing / lane changes	8	1.28%	5. Improper passing / lane changes	2	0.32%
8. Oversized load, overload	1	0.16%	6. Improper turning	7	1.12%	7. Failing to yield right-of-way	2	0.32%
9. Visibility obstructed	1	0.16%	7. Failing to yield right-of-way	12	1.92%	9. Driving on wrong side of road	1	0.16%
10. Other vehicular defective parts	3	0.48%	8. Disobeying traffic control device or traffic officer	3	0.48%	N. Not Applicable	584	93.44%
N. Not Applicable	83	13.28%	9. Driving on wrong side of road	12	1.92%	Q. Other than listed values	1	0.16%
U. Unknown	9	1.44%	11. Backing unsafely	2	0.32%	U. Unknown	5	0.80%
	0	0.00%	N. Not Applicable	36	5.76%		0	0.00%
Total (Vehicles)	625	100.00%	Q. Other than listed values	6	0.96%	Total (Vehicles)	625	100.00%
			U. Unknown	12	1.92%			
				0	0.00%			
			Total (Vehicles)	625	100.00%			

R12 - Collision Summary

Collision Date: Between Jan 1, 2007 and Dec 31, 2015
 Authority: NS0004 Section: 20, 23, 30
 County: ALL
 Community: ALL

Collision Severity

Collision Severity	Count	%	Collision Severity	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Collision Severity	Count	%	Fatal	0	0	0	0	0	0	0	0	0	0
Non-fatal injury	5	21.74%	Injury	1	0	0	0	0	2	0	2	0	5
Property damage only	18	78.26%	Other	0	0	0	0	0	0	0	0	0	0
Total (Collisions)	23	100.00%	PDO	2	2	3	4	1	6	0	0	0	18
			Total	3	2	3	4	1	8	0	2	0	23

Time

Time of Day	Count	%	Time of Year	Count	%	Day of Week	Count	%
06:00 - 09:59	4	17.39%	Spring (Mar - May)	4	17.39%	Sunday	2	8.70%
10:00 - 15:59	11	47.83%	Summer (Jun - Aug)	5	21.74%	Monday	4	17.39%
16:00 - 18:59	6	26.09%	Fall (Sep - Nov)	4	17.39%	Tuesday	4	17.39%
19:00 - 23:59	2	8.70%	Winter (Dec - Feb)	10	43.48%	Wednesday	5	21.74%
Total	23	100.00%	Total	23	100.00%	Thursday	3	13.04%
						Friday	3	13.04%
						Saturday	2	8.70%
						Total	23	100.00%

Circumstances								
Weather			Light Condition			Road Alignment		
Description	Count	%	Description	Count	%	Description	Count	%
01. Clear	10	43.48%	01. Daylight	16	69.57%	01. Straight	14	60.87%
02. Overcast, cloudy but no precipitation	5	21.74%	02. Dawn	1	4.35%	02. Curved	9	39.13%
03. Raining	4	17.39%	03. Dusk	1	4.35%	Total (Collisions)	23	100.00%
04. Snowing	4	17.39%	04. Darkness	5	21.74%			
Total (Collisions)	23	100.00%	Total (Collisions)	23	100.00%			
Collision Configuration			Road Configuration			Road Surface		
Description	Count	%	Description	Count	%	Description	Count	%
01. Hit moving or stationary object on road surface	4	17.39%	01. Non-intersection	16	69.57%	01. Dry, Normal	9	39.13%
02. Ran off road to left	4	17.39%	02. At an intersection of at least two public roadways	3	13.04%	02. Wet	6	26.09%
03. Ran off road to right	6	26.09%	03. Intersection with parking lot entrance/exit, private driveway or laneway	1	4.35%	03. Snow (fresh, loose snow)	3	13.04%
021. Rear-end collision	2	8.70%	04. Traffic circle or roundabout	1	4.35%	04. Slush, wet snow	2	8.70%
022. Same direction sideswipe	1	4.35%	05. Railroad level crossing	1	4.35%	05. Icy	3	13.04%
023. One vehicle crossing path of other to the left	2	8.70%	07. Bridge, overpass, viaduct	1	4.35%	Total (Collisions)	23	100.00%
037. Right angle collision	1	4.35%	Total (Collisions)	23	100.00%			
N. Not Applicable	2	8.70%						
Q. Other than listed values	1	4.35%						
Total (Collisions)	23	100.00%						
Road Condition			Road Grade			Work Zone Type		
Description	Count	%	Description	Count	%	Description	Count	%
01. Normal, good	22	95.65%	01. Level	16	69.57%	01. Not a construction or work zone	17	73.91%
03. Under repair, construction	1	4.35%	02. Slope	5	21.74%	02. Road construction	1	4.35%
Total (Collisions)	23	100.00%	04. Bottom of hill	1	4.35%	N. Not Applicable	5	21.74%
			N. Not Applicable	1	4.35%	Total (Collisions)	23	100.00%
			Total (Collisions)	23	100.00%			
Unusual Environment Circumstance1			Unusual Environment Circumstance2			Vehicle Type		
Description	Count	%	Description	Count	%	Description	Count	%
01. None	19	82.61%	N. Not Applicable	23	100.00%	1. Passenger car	17	56.67%
02. Animal in roadway	3	13.04%	Total (Collisions)	23	100.00%	2. Passenger van	1	3.33%
N. Not Applicable	1	4.35%				3. Sport utility vehicle	4	13.33%
Total (Collisions)	23	100.00%				4. Pickup truck <= 4536 kg GVWR	5	16.67%
						8. Unit truck (3 or more axles) > 4536 kg GVWR	1	3.33%
						16. Motorcycle	1	3.33%
						23. Farm equipment	1	3.33%
						Total (Vehicles)	30	100.00%

Collision Details - by Vehicle				Vehicle Event2-Moveable Object			Vehicle Event3-NonMoveable Object		
Vehicle Event1-NonCollision Event				Description	Count	%	Description	Count	%
Description	Count	%		11. Hit another moving vehicle	10	33.33%	22. Hit a non-fixed object	2	6.67%
1. Skidded or spun on roadway	4	13.33%		14. Hit deer	4	13.33%	23. Hit a building	1	3.33%
2. Ran off roadway to right	7	23.33%		16. Hit other animal	1	3.33%	24. Hit a ditch	6	20.00%
3. Ran off roadway to left	1	3.33%		20. Hit parked vehicle	1	3.33%	27. Hit tree, large bush / hedge	1	3.33%
10. Other non-collision event	2	6.67%		N. Not Applicable	13	43.33%	28. Hit utility pole / lamp pole	1	3.33%
N. Not Applicable	13	43.33%		Q. Other than listed values	1	3.33%	29. Hit curb	1	3.33%
Q. Other than listed values	3	10.00%		Total (Vehicles)	30	100.00%	33. [Hit fixed object that is NOT part of the road structure & not mentioned above]	1	3.33%
Total (Vehicles)	30	100.00%					N. Not Applicable	17	56.67%
							Total (Vehicles)	30	100.00%
Contributing Factors - by Vehicle				Driver Condition1			Driver Condition2		
Vehicle Manoeuvre				Description	Count	%	Description	Count	%
Description	Count	%		1. No driver condition as contributing factor	29	96.67%	N. Not Applicable	30	100.00%
1. Going straight ahead	15	50.00%		N. Not Applicable	1	3.33%	Total (Vehicles)	30	100.00%
2. Turning left	1	3.33%		Total (Vehicles)	30	100.00%			
3. Turning right	1	3.33%							
4. Making U-turn	1	3.33%							
5. Negotiating a curve	6	20.00%							
6. Changing lanes	1	3.33%							
9. Slowing in traffic	1	3.33%							
10. Stopped in traffic	1	3.33%							
13. Entering parked position	1	3.33%							
14. Reversing	1	3.33%							
N. Not Applicable	1	3.33%							
Total (Vehicles)	30	100.00%							
Vehicle Related				Driver Action1			Driver Action2		
Description	Count	%		Description	Count	%	Description	Count	%
1. No vehicle contributing factor	29	96.67%		1. No driver action as contributing factor	15	50.00%	1. No driver action as contributing factor	1	3.33%
N. Not Applicable	1	3.33%		3. Driving too fast for conditions	6	20.00%	N. Not Applicable	29	96.67%
Total (Vehicles)	30	100.00%		4. Exceeding speed limit	2	6.67%	Total (Vehicles)	30	100.00%
				6. Improper turning	1	3.33%			
				7. Failing to yield right-of-way	1	3.33%			
				11. Backing unsafely	1	3.33%			
				N. Not Applicable	2	6.67%			
				U. Unknown	2	6.67%			
				Total (Vehicles)	30	100.00%			

Animal Collisions on Highway 104 Per Sections 245-275

Section	Section Description	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
245	Length: 1.62 km, Exit 27 A (Trunk 4) (Sutherlands River) to Exit 27 (Route 245 Intersection)	2	1	4		3	1	3	3	1	18
250	Length: 10.67 km, Exit 27 (Route 245 Intersection) to Broadway Overpass Structure	4	3	7	2	6	1	1	3	2	29
252	Length: 8.12 km, Broadway Overpass Structure to Exit 29 (Trunk 4) Barneys River Station				2	2		1	1		6
255	Length: 7.71 km, Exit 29 (Trunk 4) Barneys River Station to Pictou-Antigonish County Line	1	2	1	1		5		1		11
260	Length: 4.27 km, Pictou-Antigonish County Line to Exit 30 (James River Interchange)	3	3		2	3	2	1	1	1	16
270	Length: 9.13 km, Exit 30 (James River Interchange) to Exit 31 A (West River Road)	3	1	2		4	1		3	1	15
275	Length: 2.22 km, Exit 31 A (West River Road) to Exit 31 (James Street) Antigonish								1	1	2
	Total	13	10	14	7	18	10	6	13	6	97