

MANITOBA PUBLIC INSURANCE

# 2021

TRAFFIC COLLISION STATISTICS REPORT

EXECUTIVE SUMMARY

DECEMBER 2022



MANITOBA  
PUBLIC INSURANCE

SOCIÉTÉ D'ASSURANCE  
PUBLIQUE DU MANITOBA

## Preface

Motor vehicle collisions resulting in a fatality, injury or property damage are required by law to be reported to either a law enforcement agency and/or to Manitoba Public Insurance. Subsequently, a Traffic Accident Report (TAR) for the collision is created. The Traffic Collision Statistics Report (TCSR) deals with these reportable collisions and the TARs arising from them.

The TCSR is the official report of traffic collision statistics in Manitoba. It reports the details surrounding traffic collisions in Manitoba, allowing users to analyze the reasons why collisions occur. Knowing more about collisions helps policy makers, traffic safety experts, public safety programmers and legislators to pinpoint areas for review and create targeted approaches to preventing and reducing traffic collisions.

Annual collision statistics, such as those contained in the Traffic Collision Statistics Report, are used to:

- Indicate trends;
- Identify driver and vehicle factors in accidents;
- Evaluate current programs and new provincial road safety initiatives;
- Monitor commercial vehicle collisions in accordance with the National Safety Code; and,
- Guide development of new policies and programs to reduce the frequency and severity of traffic collisions in the province.

Currently, Manitoba Public Insurance is in the process of transitioning toward producing a more inclusive, timely and interactive collision statistics report. The following is an action plan for getting there:

- MPI will continue to forward statistics to Transport Canada, which are in compliance with reporting standards for the National Collision Database (NCDB), however MPI will no longer issue a full descriptive report of those same statistics to stakeholders in Manitoba.
- As an interim measure for Manitoba stakeholders, MPI is publishing this 2021 'Executive Summary' along with a full set of tables normally seen in the TCSR report.
- In the near future, an interactive 'dashboard' of 2021 collision statistics (beyond public roads) will be introduced.

## 2021 Traffic Collision Statistics Report – Executive Summary

Motor vehicle collisions resulting in a fatality, injury or property damage only are required by law to be reported to either a law enforcement agency and/or to Manitoba Public Insurance. The collision incidents reported through the claim registration process with Manitoba Public Insurance form the basis for the overall population of collisions that Traffic Accident Reports (TARs) could be drawn from. To be consistent with jurisdictions across Canada and in compliance with reporting standards for the National Collision Database (NCDB) maintained by Transport Canada, a “reportable collision” definition is applied as a filter to these collision incidents. It is these TAR reportable collisions that are the primary focus of this Traffic Collision Statistics Report.

The TAR reportable collision definition, for inclusion in the NCDB, includes that the crash:

- Occurred on a public roadway in Manitoba,
  - Excluding crashes occurring in parking lots, on private property, crashes occurring off road, and crashes on First Nation roadways
  - Including crashes involving non-Manitoba residents (due to the incident occurring in MB)
- Involved some injury (following the NCDB injury definitions) or fatality,
  - Excluding crashes where death was due to natural causes, homicide, or suicide
  - Excluding where the death occurred greater than 30 days after crash
- Has property damage in excess of \$2,000 (combined for all parties involved) if no injury or fatality occurred.

The Traffic Collision Statistics Report is the official report of traffic collision statistics in Manitoba. It reports the details surrounding traffic collisions in Manitoba, allowing users to analyze the reasons why collisions occur. Knowing more about collisions helps policy makers, traffic safety experts, public safety programmers and legislators to pinpoint areas for review and create targeted approaches to preventing and reducing traffic collisions.

Due to amendments to the *Highway Traffic Act* that took effect in 2011, this report uses two sources for Traffic Accident Reports (TARs); TARs completed by a law enforcement agency and TARs completed when a collision claim is registered with Manitoba Public Insurance. This change resulted in an increase in minimal injury and property damage only (PDO) collisions in the Traffic Accident Report Database that had previously been underreported.

The following is a presentation of the key highlights of this report for 2021.

### Licensed Drivers and Vehicle Registrations

There were 957,935 licensed drivers in Manitoba in 2021, an increase of 2% compared to 2020.

Overall, there are 1,162,563 vehicles registered in Manitoba (commercial and non-commercial, combined) in 2021, a 3% increase from 2020.

### Traffic Collisions

In 2021, there are 70,695 collision incidents reported with Manitoba Public Insurance. After a “reportable collision” definition is applied as a filter to these collision incidents, there are a total of 45,361 traffic collisions that conform to the reportable collision requirement for Traffic Accident Reports. Of these:

- 67 involve a fatality (0.1% of all collisions);
- 5,947 involve an injury, but not a fatality (13% of all collisions); and
- 39,347 involve property damage only (87% of all collisions).

Overall traffic collisions in Manitoba in 2021 increased by 2% compared to 2020 and decreased by 9% compared to the number of collisions in the previous five year (2016 to 2020) annual average. There are 45,361 collisions in 2021, up from 44,339 collisions in 2020 and down from 49,597 on average in the five-year period 2016 to 2020. The increase in the total number of collisions in 2021 compared to 2020 is attributable to increases in both in injury and PDO collisions. There are 3 fewer fatal collisions, 280 more injury collisions, and 745 more PDO collisions reported in 2021 than in 2020 (representing proportional changes of -4%, 5%, and 2%, respectively).

### People Killed and Injured in Collisions

In 2021, there are 7,609 victims (or casualties) of traffic collisions. Of these:

- 78 are killed (nearly 4% fewer than in the previous five years);
- 320 are seriously injured (22% fewer than in the previous five years);
- 1,260 sustain minor injuries (30% fewer than in the previous five years);
- 5,927 sustain minimal injuries (33% fewer than in the previous five years); and
- 24 sustain injuries that are undefined in terms of severity (86% fewer than in the previous five years).

The victim involvement rate (per 100,000 people in the general population) in traffic collisions in 2021 (566.9) has increased by nearly 9% compared to 2020 (521.9), although decreased by just over 31% compared to the previous five years (2016 to 2020) annual average (826.8). Victim involvement rates in traffic collisions in 2021 where the person:

- Is killed (5.8 in 2021) is 3% higher than in 2020 but 2% lower than in the previous five years; and
- Is injured, including all levels of severity (but excluding killed; 561.1 in 2021), is 9% higher than in 2020 and nearly 32% lower than in the previous five years.

Traffic collisions in urban locations account for the majority of casualties overall while rural locations account for more people killed. In 2021, 82% of all casualties result from traffic collisions in urban areas. Traffic collisions in rural locations, however, account for 63% of people killed. In the previous five year (2016 to 2020) annual average, just over 86% of all victims are from traffic collisions in urban locations, while nearly 59% of people killed are from traffic collisions in rural locations.

The proportional distribution of total casualties by month of occurrence followed a slightly different pattern in both 2020 and 2021, compared with previous years, in large part due to fluctuating traffic levels during Covid 19 restrictions.

- In 'normal' pre-Covid years (average of 2016 to 2019), the monthly distribution of total casualties (fatalities and all levels of injury) is slightly higher in January and February (12%, 10% respectively) than in other months, as well as higher during October, November, and December (9%, 9%, 11% respectively). It is lowest in April (6%).
- In early 2020 (pre-Covid), the actual number of casualties in January and February was significantly less than in previous years, however the monthly proportional distribution appeared higher than normal (28% combined) as a result of plummeting traffic and casualties at the height of Covid in spring, fall and early winter of 2020. Distribution was lowest for April and November (3%, 5%).
- In early 2021, as traffic continued to be low during Covid, traffic casualties were lower than normal for January and February, contributing to low proportional distribution (less than 8% each). As traffic levels edged upwards later in the year, so did casualties and proportional distributions from August (10%) to December (13%).

Considering people killed and seriously injured in Manitoba traffic collisions in 2021:

- Drivers account for the largest proportion of people killed (49%) and seriously injured (60%);
- Passengers account for 24% of people killed and nearly 21% of people seriously injured;
- Pedestrians account for 19% of people killed and 8% of people seriously injured;
- Motorcyclists (including motorcycle and moped riders, combined) account for 5% of people killed and 10% of people seriously injured; and
- Bicyclists account for 3% of people killed and 2% of people seriously injured.

In 2021, most victims in traffic collisions were using safety equipment at the time of the collision (98% of all victims where safety equipment use is known). However, 48% of the people killed in traffic collisions and 9% of the people seriously injured in traffic collisions are recorded as not wearing or using the available safety equipment at the time of the collision.

### **Drivers and Vehicles Involved in Collisions**

In 2021, there are 56,238 drivers involved in traffic collisions. Of these:

- 100 are involved in fatal collisions;
- 9,938 are involved in injury collisions; and
- 46,200 are involved in PDO collisions.

The driver involvement rate (per 10,000 licensed drivers) in traffic collisions in 2021 is 587.1, an increase of 2% compared to the rate in 2020 (574.2) and a decrease of 16% from the previous five year (2016 to 2020) annual average (702.4). In 2021, driver involvement in:

- Fatal collisions (1.0) decreased by 6% from 2020 and decreased by 8% compared to the previous five years;
- Injury collisions (103.7) increased by 3% from 2020 and decreased by 35% compared to the previous five years; and
- PDO collisions (482.3) increased by 2% from 2020 and decreased by 11% compared to the previous five years.

In 2021, there are 59,148 vehicles involved in traffic collisions. Of these:

- 103 are involved in fatal collisions;
- 10,080 are involved in injury collisions; and
- 48,965 are involved in PDO collisions.

Vehicle involvement in traffic collisions per 10,000 registered vehicles (vehicle involvement rate) has increased in 2021 compared to 2020 but decreased (as it did in 2020) compared with the previous five year (2016 to 2020) annual average. The vehicle involvement rate in collisions in 2021 for:

- Total collisions is 615.0 – increased only very slightly by 0.5% from 2020 although decreased by 18% compared with the previous five years;
- Fatal collisions is 1.1 – decreased by 11% from 2020 and decreased by 10% from the previous five years;
- Injury collisions is 104.8 – increased only very slightly by 2% from 2020, although decreased by 37% from the previous five years; and
- PDO collisions is 509.1 – increased only very slightly by 0.2% from 2020, although decreased by 13% from the previous five years.

The reader should note that neither the count of drivers or vehicles involved in collisions nor the calculated rate of involvement takes into account exposure to risk in terms of hours of driving, kilometres driven or driving situations.

### Contributing Factors to Collisions

In 2021, 56% of all collisions have some at-fault contributing factor recorded (88% of fatal collisions; 71% of injury collisions; 54% of PDO collisions). In 2021:

- A driver action is a contributing factor in 45% of all collisions (85% of fatal collisions; 68% of injury collisions; 42% of PDO collisions);
- A human condition is a contributing factor in 0.4% of all collisions (33% of fatal collisions; 1.3% of injury collisions; 0.3% of PDO collisions); and
- Environmental conditions are contributing factors in 13% of all collisions (16% of fatal collisions; 6% of injury collisions; 14% of PDO collisions).

The most prevalent **contributing factors recorded for collisions** in 2021 include:

- Distracted driving – 24% of all collisions (49% fatal; 34% injury; 22% PDO);
- The actions of a wild animal – 10% of all collisions (2% fatal; 2% injury; 11% PDO);
- “Following too closely” – nearly 8% of all collisions (5% fatal; 17% injury; 6% PDO);
- “Backing unsafely” – 6% of all collisions (no fatal; 2% injury; 6% PDO);
- Speed – 4% of all collisions (21% fatal; 6% injury; 4% PDO);
- “Turning improperly” – 4% of all collisions (3% fatal; 8% injury; 3% PDO);
- “Fail to yield right-of-way” – 3% of all collisions (10% fatal; 8% injury; 3% PDO);
- “Changing lanes improperly” – 3% of all collisions (no fatal; 4% injury; 3% PDO);
- “Lost control/Drive off the road” – 1% of all collisions (15% fatal; 2% injury; 2% PDO); and
- “Slippery road surface” – 2% of all collisions (5% fatal; 2% injury; 2% PDO).

The most prevalent contributing factors recorded for collisions **where people are killed or seriously injured** in 2021 include:

- Distracted driving – 53% of people killed and 44% of people seriously injured;
- Impaired – 31% of people killed and 4% of people seriously injured;
- Speed – 21% of people killed and 11% of people seriously injured;
- “Fail to yield right-of-way” – 9% of people killed and 10% of people seriously injured;
- “Lost control/Drive off the road” – 18% of people killed and 6% of people seriously injured;
- “Pedestrian error/confusion” – 5% of people killed and 1% of people seriously injured;
- “Disobey traffic control device/officer” – 6% of people killed and 1% of people seriously injured;
- “Slippery road surface” – 4% of people killed and 2% of people seriously injured;
- “Leave stop sign before safe to do so” – 5% of people killed and 3% of people seriously injured;
- “Turning improperly” – 3% of people killed and 6% of people seriously injured;
- “View obstructed/limited” – 3% of people killed and 1% of people seriously injured; and
- “Following too closely” – 4% of people killed and 5% of people seriously injured.

**Off-Road Vehicle (ORV) Collisions** *(this section to be completed at a later date)*

The following are the sections of data to be found in the consolidated tables which follow the Executive Summary. Section themes are the same as the previous year's report.

**Section 1 – Drivers, Vehicle and Collision Rates: Historical Trends:** This section calculates involvement rates for total collisions as well as for fatal, injury, and property damage only (PDO) collisions using licensed drivers and vehicles registered for the years 2011 to 2021, inclusive. This section also deals with relative involvement rates of drivers by specific age groups.

**Section 2 – Licensed Drivers:** This section deals with Active and Suspended Drivers by specific Age Groups, Gender and Manitoba Licence Class.

**Section 3 – Vehicle Registrations:** This section deals with vehicle registrations and examines these by three major categories: Commercial; Non-commercial; and Snowmobiles (Recreational).

**Section 4 – Traffic Collisions:** This section counts the number of collisions in Manitoba and provides detail for collisions of different severity; fatal, injury and property damage only (PDO). Historical information regarding the number of collisions, victims, vehicles and drivers involved in collisions over the ten-year period 2011 to 2021 is presented and compared to 2021. Details are provided for 2021 traffic collisions in terms of the month of occurrence, day of the week, time of day, weather and road conditions, location and type of collision.

**Section 5 – Collision Victims:** This section counts the number of victims killed and injured in traffic collisions and examines the severity of the injury received by the victim. Month, time and day of occurrences are examined, as well as the age of the victim. Victim involvement rates in traffic collisions per 100,000 people in the general population are also calculated.

**Section 6 – Pedestrian Victims:** This section counts the number of pedestrian victims killed and injured in traffic collisions and examines the severity of the injury received by the pedestrian victim. Month, time and day of occurrence are examined, and breaks are provided for the age of the pedestrian. The specific pedestrian actions taken immediately prior to the collision are also presented. Pedestrian involvement rates in traffic collisions per 100,000 people in the general population are also calculated.

**Section 7 – Vehicle Involvement:** This section counts the number of vehicles involved in traffic collisions. Vehicle involvement in a collision is calculated for each vehicle type (such as passenger vehicles, vans, pick-up trucks, types of emergency vehicles). Vehicle involvement rates in traffic collisions per 10,000 registered vehicles are also calculated.

**Section 8 – Driver Involvement:** This section counts the number of drivers involved in traffic collisions and breaks this down by age and gender of the driver. Driver involvement rates in traffic collisions per 10,000 licensed drivers are also detailed.

**Section 9 – Contributing Factors:** This section examines the contributing factors to traffic collisions as reported on the Traffic Accident Report (TAR). Detail is provided at the collision level and for collision severity, at the victim level and for victims of each casualty type, and at the driver level by collision severity. Driver involvement rates (per 10,000 licensed drivers) in collisions with specific contributing factors are calculated and discussed.

**Section 10 – National Safety Code Monitoring Report:** This section counts the number of commercial vehicles involved in collisions, the severity of those collisions and the victims killed and injured in those collisions.

**Section 11 – Off-Road Vehicle Collisions:** This section counts the number of off-road vehicle (ORV) collisions in Manitoba and provides detail for collisions of different severity: fatal, injury and property damage only (PDO). Information regarding the number of ORV collisions, victims, vehicles, and drivers involved over the period 2015 to 2021 is presented. Details are provided for 2021 ORV collisions in terms of the month of occurrence, day of the week, time of day, weather and road conditions, location, and type of collision (*Note: This section of tables to be provided at a later date*).

# 2021 Traffic Collision Statistics Report

## Consolidated Tables

## List of Tables

<b>Section 1: Historical Trends .....</b>	<b>1</b>
Table 1-1 Fatal, Injury, and Property Damage Collisions by Total Licensed Drivers: 2011 to 2021 .....	2
Table 1-2 Percentage Change Year-Over-Year in Relative Involvement Rate (per 10,000 Licensed Drivers) in Fatal, Injury, and PDO Collisions: 2011 to 2021.....	2
Table 1-3 Fatal, Injury, and Property Damage Collisions by Vehicles Registered: 2011 to 2021 .....	3
Table 1-4 Involvement (Total Collisions) /10,000 Licensed Drivers by Age Group: 2011 to 2021 .....	3
<b>Section 2: Licensed Drivers .....</b>	<b>4</b>
Chart 2-1 Class Licence System Quick Reference Chart .....	5
Table 2-1 Class 1-5 Licensed Drivers by Year and Driver Status: 2011-2021 .....	6
Table 2-2 Class 1-5 Licensed Drivers by Age Group, Gender and Driver Status: 2021.....	7
Table 2-3 Class 1-5 Licensed Drivers by License Class, Driver Status and Gender: 2021 .....	8
Table 2-4 Class 1-5 Male Drivers by Age Group, Driver Status and License Class: 2021.....	9
Table 2-5 Class 1-5 Female Drivers by Age Group, Driver Status and License Class: 2021 .....	10
Table 2-6 Total Class 6 Active Licensed Drivers by Year: 2011 to 2021 .....	11
Table 2-7: Total Class 6 Active Licensed Drivers by Age Group and Gender: 2021.....	11
Table 2-8 Class 6 Active Licensed Drivers by License Class and Gender: 2021 .....	12
Table 2-9 Active Class 6 Male Drivers by Age Group and License Class: 2021.....	12
Table 2-10 Active Class 6 Female Drivers by Age Group and License Class: 2021 .....	12
Table 2-11 Manitoba Licensed Drivers Class 1-5, Non-Binary or Undisclosed by Age Group: 2021.....	13
Table 2-12 Manitoba Licensed Drivers Class 1-5, by Gender and Age Group (including individual ages 16, 17, 18, 19): 2021 .....	13
Table 2-13 Manitoba Licensed Drivers Class 1-5, by Gender and Age Group (including individual ages 16, 17, 18, 19): 2020 (12-Month Average) .....	14
Table 2-14 Manitoba Licensed Drivers Class 1-5, by Gender and Age Group (including individual ages 16, 17, 18, 19): 2019 (12-Month Average) .....	14
Table 2-15 Manitoba Licensed Drivers Class 1-5, by Gender and Age Group (including individual ages 16, 17, 18, 19): 2018 (12-Month Average) .....	15
Table 2-16 Manitoba Licensed Drivers Class 1-5, by Gender and Age Group (including individual ages 16, 17, 18, 19): 2017 (12-Month Average) .....	15
Table 2-17 Manitoba Licensed Drivers Class 1-5, by Gender and Age Group (including individual ages 16, 17, 18, 19): 2016 (12-Month Average) .....	16
<b>Section 3: Vehicle Registrations .....</b>	<b>17</b>
Table 3-1 Non-Commercial Vehicle Class: 2021 .....	18
Table 3-2 Commercial Vehicle Class: 2021 .....	18
Table 3-3 Vehicle Registrations Summary: 2011 to 2021 .....	19

<b>Section 4: Traffic Collisions .....</b>	<b>20</b>
Table 4-1 Historical Summary of Traffic Collisions: 2011 to 2021 .....	21
Table 4-2 Traffic Collisions by Month of Occurrence and Collision Severity: 2021, 2016-2020 Average .....	22
Table 4-3 Traffic Collisions by Day of Occurrence and Collision Severity: 2021, 2016-2020 Average .....	23
Table 4-4 Traffic Collisions by Time of Occurrence and Collision Severity: 2021, 2016-2020 Average .....	23
Table 4-5 Traffic Collisions by Provincial Location and Collision Severity: 2021, 2016-2020 Average .....	24
Table 4-6 Collision Type by Urban/Rural Location: 2021 .....	25
Table 4-6a Collision Type by Urban/Rural Location: 2016-2020 Average.....	26
Table 4-7 Traffic Collisions by Road Surface Condition and Collision Severity: 2021, 2016-2020 Average .....	27
Table 4-8 Traffic Collisions by Weather Condition and Collision Severity: 2021, 2016-2020 Average .....	28
Table 4-9 Accident Configuration and Collision Severity: 2021, 2016-2020 Average.....	29
<b>Section 5: Collision Victims .....</b>	<b>30</b>
Table 5-1 Historical Summary of Victims in Traffic Collisions: 2011 to 2021 .....	31
Table 5-2 Historical Summary of Victim Involvement Rate (per 100,000 People) in Traffic Collisions: 2011 to 2021 ...	32
Table 5-3 Collision Victims by Month of Occurrence and Casualty Type: 2021.....	33
Table 5-3a Collision Victims by Month of Occurrence and Casualty Type: 2016-2020 Average .....	34
Table 5-4 Collision Victims by Day of Occurrence and Casualty Type: 2021.....	35
Table 5-4a Collision Victims by Day of Occurrence and Casualty Type: 2016-2020 Average .....	35
Table 5-5 Collision Victims by Time of Occurrence and Casualty Type: 2021.....	36
Table 5-5a Collision Victims by Time of Occurrence and Casualty Type: 2016-2020 Average .....	36
Table 5-6 Collision Victims by Gender and Casualty Type: 2021 .....	37
Table 5-6a Collision Victims by Gender and Casualty Type: 2016-2020 Average .....	37
Table 5-7 Collision Victims by Age Group and Casualty Type: 2021 .....	38
Table 5-7a Collision Victims by Age Group and Casualty Type: 2016-2020 Average.....	39
Table 5-8 Collision Victims by Gender and Age Group and Casualty Type: 2021 .....	40
Table 5-8a Collision Victims by Gender and Age Group and Casualty Type: 2016-2020 Average .....	41
Table 5-9 Victim Involvement Rate (per 100,000 people) by Gender and Age Group and Casualty Type: 2021, 2016-2020 Average.....	42
Table 5-10 Collision Victims by Road User Class and Age Group and Casualty Type: 2021.....	43
Table 5-10 Collision Victims by Road User Class and Age Group and Casualty Type: 2021 (continued) .....	44
Table 5-10 Collision Victims by Road User Class and Age Group and Casualty Type: 2021 (continued) .....	45
Table 5-10a Collision Victims by Road User Class and Age Group and Casualty Type: 2016-2020 Average.....	46
Table 5-10a (cont'd) Collision Victims by Road User Class and Age Group and Casualty Type: 2016-2020 Average (continued) .....	47
Table 5-11 Collision Victims by Collision Type and Casualty Type: 2021 .....	48
Table 5-11a Collision Victims by Collision Type and Casualty Type: 2016-2020 Average.....	49
Table 5-12 Collision Victims by Accident Configuration and Casualty Type: 2021 .....	50

## 2021 Traffic Collision Statistics Report: Consolidated Tables

Table 5-12a Collision Victims by Accident Configuration and Casualty Type: 2016-2020 Average .....	51
Table 5-13 Collision Victims by Provincial Location and Casualty Type: 2021 .....	52
Table 5-13a Collision Victims by Provincial Location and Casualty Type: 2016-2020 Average .....	53
Table 5-14 Collision Victims by Safety Equipment Use and Casualty Type: 2021 .....	54
Table 5-14a Collision Victims by Safety Equipment Use and Casualty Type: 2016-2020 Average .....	55
Table 5-15 Safety Equipment Effectiveness - Ratio of Victims Killed and Injured While 'Not Using Safety Equipment' to 'Using Safety Equipment': 2021 .....	56
Table 5-16 Vehicle Occupant Victims by Ejection from Vehicle and Casualty Type: 2021 .....	56
Table 5-16a Vehicle Occupant Victims by Ejection from Vehicle and Casualty Type: 2016-2020 Average .....	56
<b>Section 6: Pedestrian Victims .....</b>	<b>57</b>
Table 6-1 Historical Summary of Pedestrians Killed and Injured in Traffic Collisions: 2011 to 2021 .....	58
Table 6-2 Historical Summary of Pedestrian Involvement Rates (per 100,000 people) in Traffic Collisions: 2011 to 2021 .....	59
Table 6-3 Total Pedestrians Killed and Injured by Month of Occurrence and Casualty Type: 2021 .....	60
Table 6-3a Pedestrians Killed and Injured by Month of Occurrence and Casualty Type: 2016-2020 Average .....	61
Table 6-4 Total Pedestrians Killed and Injured by Day of Occurrence and Casualty Type: 2021 .....	62
Table 6-4a Pedestrians Killed and Injured by Day of Occurrence and Casualty Type: 2016-2020 Average .....	62
Table 6-5 Total Pedestrians Killed and Injured by Time of Occurrence and Casualty Type: 2021 .....	63
Table 6-5a Pedestrians Killed and Injured by Time of Occurrence and Casualty Type: 2016-2020 Average .....	64
Table 6-6 Total Pedestrians Killed and Injured by Age Group and Casualty Type: 2021 .....	65
Table 6-6a Pedestrians Killed and Injured by Age Group and Casualty Type: 2016-2020 Average .....	66
Table 6-7 Pedestrian Involvement Rate (per 100,000 People) in Traffic Collisions by Age Group: 2021, 2016-2020 Average .....	67
Table 6-8 Pedestrian Action and Casualty Type: 2021 .....	68
Table 6-8a Pedestrian Action and Casualty Type: 2016-2020 Average .....	69
<b>Section 7: Vehicle Involvement .....</b>	<b>70</b>
Table 7-1 Historical Summary of Vehicles Involved in Traffic Collisions: 2011 to 2021 .....	71
Table 7-2 Historical Summary of Vehicle Involvement Rate (per 10,000 Registered Vehicles) in Traffic Collisions: 2011 to 2021 .....	71
Table 7-3 Vehicle Types (as defined in TAR) Involved in Traffic Collisions and Collision Severity: 2021, 2016-2020 Average .....	72
Table 7-4 Vehicle Types (Combined Select Categories) Involved in Traffic Collisions and Collision Severity: 2021, 2016-2020 Average .....	73
Table 7-5 Vehicle Involvement (per 10,000 Registered Vehicles) in Traffic Collisions by Combined Vehicle Types and Collision Severity: 2021, 2016-2020 Average .....	73
<b>Section 8: Driver Involvement .....</b>	<b>74</b>
Table 8-1 Historical Summary of Drivers Involved in Traffic Collisions: 2011 to 2021 .....	75
Table 8-2 Historical Summary of Driver Involvement Rate (per 10,000 Licensed Drivers) in Traffic Collisions: 2011 to 2021 .....	75

2021 Traffic Collision Statistics Report: Consolidated Tables

Table 8-3 Drivers Involved in Traffic Collisions by Age Group and Collision Severity: 2021, 2016-2020 Average.....	76
Table 8-4 Driver Involvement Rate (per 10,000 Licensed Drivers) in Traffic Collisions by Age Group and Collision Severity: 2021, 2016-2020 Average.....	76
Table 8-5 Total Drivers Involved in Traffic Collisions by Gender and Age Group and Collision Severity: 2021, 2016-2020 Average.....	77
Table 8-6 Total Drivers Involved in Traffic Collisions by Age Group and Gender and Collision Severity: 2021, 2016-2020 Average.....	78
Table 8-7 Driver Involvement Rate (per 10,000 Licensed Drivers) in Traffic Collisions by Gender and Age Group and Collision Severity: 2021, 2016-2020 Average.....	79
<b>Section 9: Contributing Factors .....</b>	<b>80</b>
Table 9-1 Contributing Factors to a Collision by Collision Severity: 2021.....	81
Table 9-1 Contributing Factors to a Collision by Collision Severity: 2021 (continued) .....	82
Table 9-1a Contributing Factors to a Collision by Collision Severity: 2016-2020 Average.....	83
Table 9-1a Contributing Factors to a Collision by Collision Severity: 2016-2020 Average (continued) .....	84
Table 9-2 Contributing Factors for Each Victim of a Collision by Casualty Type: 2021 .....	85
Table 9-2 Contributing Factors for Each Victim of a Collision by Casualty Type: 2021 (continued) .....	86
Table 9-2a Contributing Factors for Each Victim of a Collision by Casualty Type: 2016-2020 Average.....	87
Table 9-2a Contributing Factors for Each Victim of a Collision by Casualty Type: 2016-2020 Average (continued) .....	88
Table 9-3 Drivers Involved in Collisions by Contributing Factors and Collision Severity: 2021 .....	89
Table 9-3 Drivers Involved in Collisions by Contributing Factors and Collision Severity: 2021 (continued) .....	90
Table 9-3a Drivers Involved in Collisions by Contributing Factors and Collision Severity: 2016-2020 Average .....	91
Table 9-3a Drivers Involved in Collisions by Contributing Factors and Collision Severity: 2016-2020 Average (continued) .....	92
Table 9-4 Driver Involvement Rate (per 10,000 Licensed Drivers) in Collisions by Contributing Factors and Collision Severity: 2021, 2016-2020 Average.....	93
Table 9-4 Driver Involvement Rate (per 10,000 Licensed Drivers) in Collisions by Contributing Factors and Collision Severity: 2021, 2016-2020 Average (continued) .....	94
Table 9-5 Driver Involvement Rate (per 10,000 Licensed Drivers) in All Collisions by Contributing Factors and Age Group: 2021.....	95
Table 9-5 Driver Involvement Rate (per 10,000 Licensed Drivers) in All Collisions by Contributing Factors and Age Group: 2021 (continued) .....	96
Table 9-5a Driver Involvement Rate (per 10,000 Licensed Drivers) in All Collisions by Contributing Factors and Age Group: 2016-2020 Average.....	97
Table 9-5a Driver Involvement Rate (per 10,000 Licensed Drivers) in All Collisions by Contributing Factors and Age Group: 2016-2020 Average (continued) .....	98
Table 9-6 Summary of Contributing Factors to a Collision: 2016 to 2021 .....	99
Table 9-6 Summary of Contributing Factors to a Collision: 2016 to 2021 (continued).....	100
Table 9-6 Summary of Contributing Factors to a Collision: 2016 to 2021 (continued).....	101
Table 9-7 Summary of Contributing Factors for Victims (Killed and Injured, Combined) of Collisions: 2016 to 2021 ..	102

## 2021 Traffic Collision Statistics Report: Consolidated Tables

Table 9-7 Summary of Contributing Factors for Victims (Killed and Injured, Combined) of Collisions: 2016 to 2021 (continued) .....	103
Table 9-7 Summary of Contributing Factors for Victims (Killed and Injured, Combined) of Collisions: 2016 to 2021 (continued) .....	104
Table 9-8 Summary of Contributing Factors for Drivers Involved in Collisions: 2016 to 2021 .....	105
Table 9-8 Summary of Contributing Factors for Drivers Involved in Collisions: 2016 to 2021 (continued) .....	106
Table 9-8 Summary of Contributing Factors for Drivers Involved in Collisions: 2016 to 2021 (continued) .....	107
Table 9-9 Summary of 'Speed', 'Distracted driving' and 'Impaired' as Contributing Factors: 2016 to 2021 .....	108
Table 9-9 Summary of 'Speed', 'Distracted driving' and 'Impaired' as Contributing Factors: 2016 to 2021 (continued) .....	109
<b>Section 10: National Safety Code (NSC) Monitoring Report .....</b>	<b>110</b>
Table 10-1 NSC Commercial Vehicles Involved in Traffic Collisions by Vehicle Type and Collision Severity: 2021, 2016-2020 Average .....	111
Table 10-2 Traffic Collision Victims by NSC Commercial Vehicle Type and Casualty Type: 2021 .....	112
Table 10-2a Traffic Collision Victims by NSC Commercial Vehicle Type and Casualty Type: 2016-2020 Average .....	113
Table 10-3 NSC Commercial Vehicles Involved in Traffic Collisions by Pre-Collision Activity and Collision Severity: 2021, 2016-2020 Average .....	114
Table 10-4 NSC Commercial Vehicles Involved in Traffic Collisions by Contributing Factors and Collision Severity: 2021 .....	115
Table 10-4 NSC Commercial Vehicles Involved in Traffic Collisions by Contributing Factors and Collision Severity: 2021 (continued) .....	116
Table 10-4a NSC Commercial Vehicles Involved in Traffic Collisions by Contributing Factors and Collision Severity: 2016-2020 Average .....	117
Table 10-4a NSC Commercial Vehicles Involved in Traffic Collisions by Contributing Factors and Collision Severity: 2016-2020 Average .....	118
Table 10-5 Historical Summary of NSC Commercial Vehicles Involved in Traffic Collisions by Vehicle Type: 2016 to 2021 .....	119
Table 10-6 Historical Summary of Traffic Collision Victims (Killed and Injured, Combined) by NSC Commercial Vehicle Type: 2016 to 2021 .....	119
<b>Section 11: Off-Road Vehicle Collisions .....</b>	<b>120</b>

## Section 1: Historical Trends

2021 Traffic Collision Statistics Report: Consolidated Tables

Table 1-1  
Fatal, Injury, and Property Damage Collisions by Total Licensed Drivers: 2011 to 2021

Year	Licensed Drivers	Collision Incidents (Claims)	Total TAR Reportable Collisions	TAR Collisions /10,000 Drivers	Total Fatal	Fatal /10,000 Drivers	Total Injury	Injury /10,000 Drivers	Total PDO	PDO /10,000 Drivers
2011	813,691	94,954	<b>34,302</b>	421.6	94	1.2	6,309	77.5	27,899	342.9
2012	838,481	92,263	<b>38,972</b>	464.8	89	1.1	8,280	98.8	30,603	365.0
2013	855,791	99,681	<b>41,819</b>	488.7	69	0.8	8,729	102.0	33,021	385.9
2014	869,239	95,615	<b>40,672</b>	467.9	64	0.7	9,023	103.8	31,585	363.4
2015	881,338	89,533	<b>41,548</b>	471.4	69	0.8	9,127	103.6	32,352	367.1
2016	895,880	93,429	<b>45,316</b>	505.8	96	1.1	9,582	107.0	35,638	397.8
2017	905,365	95,551	<b>51,844</b>	572.6	65	0.7	9,691	107.0	42,088	464.9
2018	920,414	91,491	<b>51,732</b>	562.1	65	0.7	9,325	101.3	42,342	460.0
2019	933,128	93,944	<b>54,755</b>	586.8	68	0.7	8,992	96.4	45,695	489.7
2020	941,031	72,501	<b>44,339</b>	471.2	70	0.7	5,667	60.2	38,602	410.2
<b>2021</b>	<b>957,935</b>	<b>70,695</b>	<b>45,361</b>	<b>473.5</b>	<b>67</b>	<b>0.7</b>	<b>5,947</b>	<b>62.1</b>	<b>39,347</b>	<b>410.7</b>
2016-2020 Average	919,164	89,383	<b>49,597</b>	539.6	73	0.8	8,651	94.1	40,873	444.7

Table 1-2  
Percentage Change Year-Over-Year in Relative Involvement Rate  
(per 10,000 Licensed Drivers) in Fatal, Injury, and PDO Collisions: 2011 to 2021

Year	Collisions /10,000 Drivers	% change to previous year	Fatal /10,000 Drivers	% change to previous year	Injury /10,000 Drivers	% change to previous year	PDO /10,000 Drivers	% change to previous year
2011	421.6	-	1.2	-	77.5	-	342.9	-
2012	464.8	10.3%	1.1	-8.1%	98.8	27.4%	365.0	6.4%
2013	488.7	5.1%	0.8	-24.0%	102.0	3.3%	385.9	5.7%
2014	467.9	-4.2%	0.7	-8.7%	103.8	1.8%	363.4	-5.8%
2015	471.4	0.8%	0.8	6.3%	103.6	-0.2%	367.1	1.0%
2016	505.8	7.3%	1.1	36.9%	107.0	3.3%	397.8	8.4%
2017	572.6	13.2%	0.7	-33.0%	107.0	0.1%	464.9	16.9%
2018	562.1	-1.8%	0.7	-1.6%	101.3	-5.3%	460.0	-1.0%
2019	586.8	4.4%	0.7	3.2%	96.4	-4.9%	489.7	6.4%
2020	471.2	-19.7%	0.7	2.1%	60.2	-37.5%	410.2	-16.2%
<b>2021</b>	<b>473.5</b>	<b>0.5%</b>	<b>0.7</b>	<b>-6.0%</b>	<b>62.1</b>	<b>3.1%</b>	<b>410.7</b>	<b>0.1%</b>
2016-2020 Average*	539.6	-12.2%	0.8	-11.7%	94.1	-34.0%	444.7	-7.6%

\* "% change" in this line compares the current year to the 5-year average

2021 Traffic Collision Statistics Report: Consolidated Tables

Table 1-3  
Fatal, Injury, and Property Damage Collisions by Vehicles Registered: 2011 to 2021

Year	Vehicles Registered*	Total Collisions	Collisions /10,000 Vehicles	Total Fatal	Fatal /10,000 Vehicles	Total Injury	Injury /10,000 Vehicles	Total PDO	PDO /10,000 Vehicles
2011	803,543	34,302	426.9	94	1.2	6,309	78.5	27,899	347.2
2012	826,591	38,972	471.5	89	1.1	8,280	100.2	30,603	370.2
2013	839,723	41,819	498.0	69	0.8	8,729	104.0	33,021	393.2
2014	854,464	40,672	476.0	64	0.7	9,023	105.6	31,585	369.6
2015	867,827	41,548	478.8	69	0.8	9,127	105.2	32,352	372.8
2016	881,581	45,316	514.0	96	1.1	9,582	108.7	35,638	404.3
2017	892,831	51,844	580.7	65	0.7	9,691	108.5	42,088	471.4
2018	906,520	51,732	570.7	65	0.7	9,325	102.9	42,342	467.1
2019	917,435	54,755	596.8	68	0.7	8,992	98.0	45,695	498.1
2020	934,490	44,339	474.5	70	0.7	5,667	60.6	38,602	413.1
<b>2021</b>	<b>961,710</b>	<b>45,361</b>	<b>471.7</b>	<b>67</b>	<b>0.7</b>	<b>5,947</b>	<b>61.8</b>	<b>39,347</b>	<b>409.1</b>
2016-2020 Average	906,571	49,597	547.1	73	0.8	8,651	95.4	40,873	450.9

\*Vehicles registered exclude off-road vehicles, non-commercial snow vehicles, non-commercial trailers, non-farm tractors and PSV trailers.

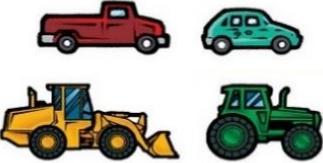
Table 1-4  
Involvement (Total Collisions) /10,000 Licensed Drivers by Age Group: 2011 to 2021

Age Group	Year											2016-2020 Average
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	
16-19	890.8	1,095.7	1,068.3	982.5	969.1	993.0	1,051.9	931.2	911.9	754.5	<b>778.9</b>	922.8
20-24	851.6	1,114.4	1,121.0	1,059.8	1,035.3	1,079.7	1,135.5	1,058.0	1,065.1	826.0	<b>887.1</b>	1,037.5
25-34	671.8	860.0	920.8	871.5	826.0	867.5	914.3	865.9	884.1	699.1	<b>718.8</b>	860.7
35-44	586.9	741.6	811.3	777.2	736.8	779.1	842.5	803.2	840.9	635.4	<b>645.4</b>	794.6
45-54	524.2	645.0	698.4	668.6	652.7	696.0	742.8	726.9	779.1	596.0	<b>604.3</b>	699.5
55-64	441.6	529.8	554.4	540.4	519.3	551.0	575.4	582.3	609.8	476.4	<b>480.5</b>	566.9
65-74	366.9	416.9	458.1	441.2	414.2	447.5	479.7	467.1	482.6	358.4	<b>372.7</b>	463.5
75+	292.5	342.7	353.4	331.7	332.2	333.9	355.7	357.6	362.2	262.9	<b>250.6</b>	341.6

## Section 2: Licensed Drivers

Chart 2-1  
Class Licence System Quick Reference Chart

## The Class Licence System

Manitoba Licence Class	Allows the Licence Holder to Operate	Minimum Age	Medical Requirements	Requirements
1	 <ul style="list-style-type: none"> <li>• Semi-trailer trucks<sup>1</sup>.</li> <li>• Includes all vehicles in Classes 2, 3, 4 and 5.</li> </ul>	18	<ul style="list-style-type: none"> <li>• Must meet medical and vision standards.</li> <li>• Medical report required on initial application and periodically thereafter based on the age of the driver. Medical report valid for six months from the date completed by physician. Must obtain Authorized Instruction within this six-month time frame.</li> </ul>	<ul style="list-style-type: none"> <li>• Must hold a minimum Class 5I (Intermediate Stage) licence or Class 5A (Authorized Instruction Stage) licence to obtain authorized instruction in Classes 1–4.</li> <li>• Must pass knowledge test.</li> <li>• Requires supervising driver for Authorized Instruction.</li> <li>• Must pass road test. For Classes 1, 2, 3 or 4 (buses and trucks only), the test includes a pre-trip inspection of vehicle (and air brake system if applicable) by the applicant.</li> </ul>
2	 <ul style="list-style-type: none"> <li>• Buses<sup>2</sup> having a seating capacity of over 24 passengers (while carrying passengers).</li> <li>• School buses<sup>3</sup> having a seating capacity over 36 passengers (while carrying passengers).</li> <li>• Includes all vehicles in Classes 3, 4 and 5.</li> </ul>			
3	 <ul style="list-style-type: none"> <li>• A truck with more than two axles.</li> <li>• A combination of vehicles that includes a truck with more than two axles (not including a semi-trailer truck<sup>1</sup>).</li> <li>• A combination of vehicles consisting of a truck with two axles or Class 5 passenger vehicle, and a towed vehicle with a registered gross vehicle weight of <b>more than 4,540 kg</b>.</li> <li>• Includes all vehicles in Classes 4 and 5.</li> </ul>			
4	 <ul style="list-style-type: none"> <li>• Ambulances and other emergency vehicles.</li> <li>• Buses<sup>2</sup> with a seating capacity between 10 and 24 passengers (while carrying passengers).</li> <li>• School buses<sup>3</sup> with a seating capacity between 10 and 36 passengers (while carrying passengers).</li> <li>• Includes all vehicles in Class 5.</li> </ul> <p><i>Note: Individual municipalities may require a Class 4 licence to operate a Vehicle for Hire – contact your municipality for information.</i></p>			
5	 <ul style="list-style-type: none"> <li>• A passenger car (other than Class 4 vehicles).</li> <li>• A bus<sup>2</sup> while not carrying passengers.</li> <li>• A truck with two axles.</li> <li>• A combination of vehicles consisting of a passenger car or a truck with two axles, and a towed vehicle with a registered gross vehicle weight of <b>up to 4,540 kg</b>.</li> <li>• May operate Class 3 vehicles registered as a farm truck and the driver holds a Class 5I (Intermediate stage) licence or 5F (Full stage) licence.</li> <li>• May operate a moped<sup>4</sup>, if 16 years of age or older.</li> <li>• May operate a special mobile machine, implement of husbandry or tractor on a provincial highway, or a highway within the municipal boundaries of a city, town or urban municipality, subject to supervising driver requirements.</li> </ul>	16 or 15½	<ul style="list-style-type: none"> <li>• Medical report required when requested.</li> <li>• Must meet vision standards.</li> </ul> <p><i>if enrolled in a high school driver education course currently in progress</i></p>	<ul style="list-style-type: none"> <li>• Must pass knowledge test for Class 5L (Learner Stage) licence (must wait seven days for re-test.)</li> <li>• Requires supervising driver for Class 5L (Learner Stage) or Class 5A (Authorized Instruction) licence.</li> <li>• Requires supervising driver for a Class 5I (Intermediate Stage) licence if carrying more than one passenger between the hours of midnight and 5 a.m.</li> <li>• Must pass road test to advance to the Intermediate Stage (Minimum 15 months). (Must wait 14 days for re-test. Professional instruction required if five or more tests are needed.)</li> </ul>
6	 <ul style="list-style-type: none"> <li>• Motorcycles.</li> </ul>	16	<ul style="list-style-type: none"> <li>• Medical report required when requested.</li> <li>• Must meet vision standards.</li> </ul>	<ul style="list-style-type: none"> <li>• Driver must hold a valid licence of any class and stage.</li> <li>• Must pass knowledge test (must wait seven days for re-test).</li> <li>• Must obtain Class 6M (Motorcycle Training Course Stage) licence in order to complete motorcycle training course. The course is required before Class 6L (Learner Stage) licence is issued. (Contact Safety Services Manitoba for motorcycle course scheduling and fees.)</li> <li>• Minimum nine-month Learner Stage.</li> <li>• Must pass road test to advance to the Intermediate Stage (Minimum 15 months). (Must wait 14 days for re-test.)</li> </ul>
Air Brake Endorsement	 <ul style="list-style-type: none"> <li>• Air brake endorsement permits the holder to drive vehicles equipped with air brakes in the class of vehicle for which the person is licensed.</li> </ul> <p><i>Note: Drivers of a Class 3 truck registered as a farm truck equipped with air brakes are exempt from this requirement.</i></p>			<ul style="list-style-type: none"> <li>• Must pass knowledge test.</li> <li>• Must pass Air Brake practical test for A (Authorized) endorsement.</li> <li>• Must pass adjustment of the manual slack adjusters for S (Slack Adjuster) endorsement.</li> <li>• No additional charge for the Air Brake practical test if it is completed at the same time you are road-tested for a higher class of licence.</li> </ul>

1. A semi-trailer truck is a truck tractor and a semi-trailer combined.  
 2. A bus is any vehicle with a seating capacity of at least 11 persons (including the driver) used primarily to carry passengers. It excludes vehicles used for personal transportation by the owner or with the owner's permission.  
 3. School bus certificate is required. For further information, contact the Pupil Transportation Unit, Manitoba Education and Training at 204-945-6900.  
 4. Mopeds are not allowed to be driven on highways with a speed limit exceeding 80 km/h but may cross these highways.

2021 Traffic Collision Statistics Report: Consolidated Tables

Table 2-1  
Class 1-5 Licensed Drivers by Year and Driver Status: 2011-2021

Licensing Year	Active Drivers	Suspended Drivers	Total Drivers	% Change to Previous Year
2011	788,046	25,645	813,691	-
2012	805,519	32,962	838,481	3.0%
2013	818,303	37,487	855,791	2.1%
2014	828,928	40,311	869,239	1.6%
2015	839,036	42,302	881,338	1.4%
2016	852,067	43,813	895,880	1.7%
2017	864,695	40,670	905,365	1.1%
2018	876,350	44,064	920,414	1.7%
2019	885,918	47,210	933,128	1.4%
2020	895,113	45,918	941,031	0.8%
<b>2021</b>	<b>911,026</b>	<b>46,909</b>	<b>957,935</b>	<b>1.8%</b>
Average 2016-2020	874,828	44,335	919,164	4.2%

Note: The 2021 counts are 5-month averages of August to December 2021 due to inaccurate counts from January to July 2021.

Note: The 2021 counts include gender type non-binary and undisclosed counts.

2021 Traffic Collision Statistics Report: Consolidated Tables

Table 2-2  
Class 1-5 Licensed Drivers by Age Group, Gender and Driver Status: 2021

Age Group	Gender	Active Drivers	Suspended Drivers	Total Drivers	% of "All Ages"	% Suspended in Category
16-17	Male	9,712	241	9,953	2.0	2.4
	Female	9,497	90	9,587	2.1	0.9
	Total	19,209	331	19,540	2.0	1.7
18-19	Male	12,541	563	13,103	2.7	4.3
	Female	11,692	294	11,986	2.6	2.5
	Total	24,233	857	25,089	2.6	3.4
20-24	Male	41,847	2,212	44,059	8.9	5.0
	Female	35,684	1,366	37,050	8.0	3.7
	Total	77,532	3,577	81,109	8.5	4.4
25-34	Male	81,356	5,705	87,061	17.6	6.6
	Female	77,621	3,846	81,467	17.6	4.7
	Total	158,977	9,551	168,528	17.6	5.7
35-44	Male	79,030	4,809	83,839	17.0	5.7
	Female	77,908	2,881	80,788	17.4	3.6
	Total	156,938	7,689	164,627	17.2	4.7
45-54	Male	71,974	3,802	75,776	15.3	5.0
	Female	69,288	1,849	71,137	15.4	2.6
	Total	141,262	5,651	146,913	15.3	3.8
55-64	Male	76,845	3,924	80,769	16.3	4.9
	Female	74,309	1,504	75,814	16.4	2.0
	Total	151,154	5,428	156,582	16.3	3.5
65-74	Male	57,892	2,897	60,788	12.3	4.8
	Female	57,352	1,360	58,711	12.7	2.3
	Total	115,243	4,256	119,500	12.5	3.6
75-84	Male	26,271	2,601	28,873	5.8	9.0
	Female	26,661	1,622	28,284	6.1	5.7
	Total	52,933	4,224	57,156	6.0	7.4
85+	Male	6,774	3,313	10,086	2.0	32.8
	Female	6,533	2,027	8,560	1.8	23.7
	Total	13,307	5,340	18,647	1.9	28.6
All Ages	Male	464,242	30,065	494,307	100.0	6.1
	Female	446,545	16,839	463,384	100.0	3.6
	Total	910,787	46,904	957,692	100.0	4.9

2021 Traffic Collision Statistics Report: Consolidated Tables

Table 2-3  
Class 1-5 Licensed Drivers by License Class, Driver Status and Gender: 2021

License Class	Active Drivers				Suspended Drivers				Total	%
	Male	Female	Subtotal	%	Male	Female	Subtotal	%		
1	43,652	1,515	45,167	5.0	1,165	43	1,208	2.6	46,375	4.8
2	4,571	1,641	6,211	0.7	93	18	111	0.2	6,322	0.7
3	12,267	526	12,792	1.4	298	8	307	0.7	13,099	1.4
4	11,804	4,050	15,854	1.7	410	58	468	1.0	16,321	1.7
5/F	358,531	388,467	746,999	82.0	22,426	11,442	33,868	72.2	780,867	81.5
5/I	10,363	10,464	20,827	2.3	678	285	963	2.1	21,790	2.3
5/L	19,238	32,392	51,630	5.7	3,302	3,772	7,074	15.1	58,704	6.1
5/A	3,803	7,486	11,289	1.2	1,123	974	2,097	4.5	13,387	1.4
Other	14	3	18	<0.1	570	239	809	1.7	827	<0.1
Total	464,242	446,545	910,787	100.0	30,065	16,839	46,904	100.0	957,692	100.0

2021 Traffic Collision Statistics Report: Consolidated Tables

Table 2-4  
Class 1-5 Male Drivers by Age Group, Driver Status and License Class: 2021

Age Group	Status	Licence Class										Total
		1	2	3	4	1-4/A	5/F	5/I	5/L	5/A	5 Other	
16-17	Active	0	0	0	0	0	308	3,661	5,743	0	0	9,712
	Suspended	0	0	0	0	0	157	39	43	0	2	241
	Subtotal	0	0	0	0	0	464	3,700	5,786	0	2	9,953
18-19	Active	54	2	35	32	2	6,986	2,389	2,962	79	0	12,541
	Suspended	0	0	0	0	0	338	73	149	0	2	563
	Subtotal	55	2	35	32	2	7,324	2,462	3,111	80	2	13,103
20-24	Active	3,010	42	439	615	3	29,592	2,571	4,954	622	0	41,847
	Suspended	31	0	3	8	0	1,139	156	801	72	2	2,212
	Subtotal	3,041	42	442	622	3	30,731	2,727	5,755	694	2	44,059
25-34	Active	7,593	346	2,347	2,585	6	62,597	1,200	3,808	874	0	81,356
	Suspended	138	8	48	35	1	3,377	305	1,616	178	0	5,705
	Subtotal	7,731	355	2,395	2,620	7	65,974	1,504	5,424	1,052	0	87,061
35-44	Active	8,238	680	2,462	3,105	2	62,067	395	1,047	1,034	0	79,030
	Suspended	201	7	47	69	0	3,427	87	488	348	134	4,809
	Subtotal	8,439	687	2,510	3,174	2	65,494	482	1,534	1,383	134	83,839
45-54	Active	8,843	978	2,192	2,755	0	56,140	114	396	556	0	71,974
	Suspended	262	21	55	76	0	2,852	16	124	214	182	3,802
	Subtotal	9,105	999	2,247	2,831	0	58,992	130	520	770	182	75,776
55-64	Active	9,852	1,504	2,840	2,031	1	59,985	24	231	378	0	76,845
	Suspended	255	28	58	99	0	3,109	2	60	149	164	3,924
	Subtotal	10,107	1,532	2,897	2,130	1	63,094	26	291	527	164	80,769
65-74	Active	5,182	859	1,655	618	0	49,287	8	86	197	0	57,892
	Suspended	163	16	41	81	0	2,455	0	18	69	55	2,897
	Subtotal	5,345	876	1,695	699	0	51,741	8	104	266	55	60,788
75-84	Active	833	157	290	62	0	24,867	0	11	51	0	26,271
	Suspended	83	9	31	30	0	2,399	0	3	34	14	2,601
	Subtotal	916	166	321	92	0	27,265	0	14	85	14	28,873
85+	Active	46	4	7	1	0	6,704	0	0	12	0	6,774
	Suspended	33	4	16	12	0	3,174	0	0	59	15	3,313
	Subtotal	79	8	23	13	0	9,878	0	0	71	15	10,086
Total	Active	43,652	4,571	12,267	11,804	14	358,531	10,363	19,238	3,803	0	464,242
	Suspended	1,165	93	298	410	1	22,426	678	3,302	1,123	569	30,065
	Total	44,817	4,664	12,565	12,214	15	380,958	11,040	22,540	4,926	569	494,307

Note: The counts are 5-month averages of August to December 2021 due to inaccurate counts from January to July 2021.

2021 Traffic Collision Statistics Report: Consolidated Tables

Table 2-5  
Class 1-5 Female Drivers by Age Group, Driver Status and License Class: 2021

Age Group	Status	License Class										Total
		1	2	3	4	1-4/A	5/F	5/I	5/L	5/A	5 Other	
16-17	Active	0	0	0	0	0	306	3,533	5,658	0	0	9,497
	Suspended	0	0	0	0	0	38	9	42	0	1	90
	Subtotal	0	0	0	0	0	344	3,542	5,700	0	1	9,587
18-19	Active	0	0	3	19	0	6,360	2,054	3,237	19	0	11,692
	Suspended	0	0	0	0	0	95	27	172	0	0	294
	Subtotal	0	0	3	19	0	6,455	2,081	3,409	19	0	11,986
20-24	Active	38	5	56	261	1	24,913	2,397	7,514	498	0	35,684
	Suspended	0	0	1	2	0	454	68	820	21	0	1,366
	Subtotal	38	5	57	263	1	25,367	2,465	8,334	519	0	37,050
25-34	Active	193	111	161	1,097	1	64,443	1,706	8,035	1,874	0	77,621
	Suspended	3	0	1	7	0	1,779	136	1,745	175	0	3,846
	Subtotal	196	111	162	1,104	1	66,222	1,842	9,780	2,049	0	81,467
35-44	Active	261	277	107	1,026	1	68,858	601	4,315	2,461	0	77,908
	Suspended	8	2	2	14	0	1,761	37	649	364	43	2,881
	Subtotal	268	280	109	1,040	1	70,619	638	4,964	2,826	43	80,788
45-54	Active	461	477	74	938	0	63,262	141	2,406	1,529	0	69,288
	Suspended	14	6	1	11	0	1,297	7	236	207	70	1,849
	Subtotal	475	483	76	949	0	64,558	148	2,641	1,736	70	71,137
55-64	Active	422	576	81	600	0	70,782	28	1,014	806	0	74,309
	Suspended	13	4	1	11	0	1,227	1	81	96	71	1,504
	Subtotal	435	580	82	611	0	72,009	29	1,095	902	71	75,814
65-74	Active	128	177	39	102	0	56,452	4	193	257	0	57,352
	Suspended	5	3	1	7	0	1,247	0	21	43	31	1,360
	Subtotal	133	180	40	109	0	57,699	4	214	300	31	58,711
75-84	Active	12	17	3	7	0	26,566	0	20	36	0	26,661
	Suspended	1	1	1	2	0	1,576	0	5	25	11	1,622
	Subtotal	13	18	4	9	0	28,142	0	25	62	11	28,284
85+	Active	0	0	1	0	0	6,526	0	0	6	0	6,533
	Suspended	0	1	0	4	0	1,967	0	1	42	12	2,027
	Subtotal	0	1	1	4	0	8,493	0	1	48	12	8,560
Total	Active	1,515	1,641	526	4,050	3	388,467	10,464	32,392	7,486	0	446,545
	Suspended	43	18	8	58	0	11,442	285	3,772	974	239	16,839
	Total	1,558	1,658	534	4,108	3	399,909	10,750	36,165	8,460	239	463,384

Note: The counts are 5-month averages of August to December 2021 due to inaccurate counts from January to July 2021.

2021 Traffic Collision Statistics Report: Consolidated Tables

Table 2-6

Total Class 6 Active Licensed Drivers by Year: 2011 to 2021

Licensing Year	Active Drivers	% Change to Previous Year
2011	63,385	-
2012	65,305	3.0%
2013	66,908	2.5%
2014	68,180	1.9%
2015	69,506	1.9%
2016	71,135	2.3%
2017	72,551	2.0%
2018	73,822	1.8%
2019	74,993	1.6%
2020	76,058	1.4%
<b>2021</b>	<b>78,826</b>	<b>3.6%</b>
Average 2016-2020	73,712	6.9%

Table 2-7:

Total Class 6 Active Licensed Drivers by Age Group and Gender: 2021

Age Group	Gender	Active Drivers	%
16-17	Male	116	
	Female	17	
	Total	133	0.2
18-19	Male	362	
	Female	48	
	Total	410	0.5
20-24	Male	2,439	
	Female	335	
	Total	2,774	3.5
25-34	Male	8,593	
	Female	1,434	
	Total	10,027	12.7
35-44	Male	9,603	
	Female	1,818	
	Total	11,421	14.5
45-54	Male	11,142	
	Female	2,215	
	Total	13,357	16.9
55-64	Male	18,680	
	Female	2,986	
	Total	21,666	27.5
65-74	Male	14,026	
	Female	1,766	
	Total	15,792	20.0
75-84	Male	2,610	
	Female	260	
	Total	2,870	3.6
85+	Male	346	
	Female	30	
	Total	376	0.5
All Ages	Male	67,918	
	Female	10,908	
	Total	78,826	100.0

2021 Traffic Collision Statistics Report: Consolidated Tables

Table 2-8  
Class 6 Active Licensed Drivers by License Class and Gender: 2021

License Class	Active Drivers			
	Male	Female	Total	%
6/F	47,765	5,357	53,122	67.4
6/I	6	0	6	<0.1
6/L	12,239	3,508	15,747	20.0
6/A	3,366	408	3,774	4.8
6/M	4,543	1,634	6,177	7.8
Total	67,918	10,908	78,826	100.0

Table 2-9  
Active Class 6 Male Drivers by Age Group and License Class: 2021

Age Group	License Class					Total	% of Total
	6/F	6/I	6/L	6/A	6/M		
16-17	1	1	72	0	43	116	0.2
18-19	40	1	200	1	119	362	0.5
20-24	449	1	1,212	132	646	2,439	3.6
25-34	2,520	3	4,022	408	1,640	8,593	12.7
35-44	4,297	0	3,343	855	1,108	9,603	14.1
45-54	7,688	0	1,819	1,093	543	11,142	16.4
55-64	16,652	0	1,087	653	288	18,680	27.5
65-74	13,316	0	408	187	115	14,026	20.7
75-84	2,466	0	73	32	39	2,610	3.8
85+	336	0	2	5	3	346	0.5
Total	47,765	6	12,239	3,366	4,543	67,918	

Note: The counts are 5-month averages of August to December 2021 due to inaccurate counts from January to July 2021.

Table 2-10  
Active Class 6 Female Drivers by Age Group and License Class: 2021

Age Group	License Class					Total	% of Total
	6/F	6/I	6/L	6/A	6/M		
16-17	1	0	8	0	8	17	0.2
18-19	2	0	28	0	19	48	0.4
20-24	32	0	171	0	132	335	3.1
25-34	219	0	762	11	443	1,434	13.1
35-44	477	0	874	90	377	1,818	16.7
45-54	890	0	898	133	294	2,215	20.3
55-64	1,960	0	635	126	264	2,986	27.4
65-74	1,503	0	129	45	89	1,766	16.2
75-84	245	0	3	4	8	260	2.4
85+	29	0	0	0	0	30	0.3
Total	5,357	0	3,508	408	1,634	10,908	

Note: The counts are 5-month averages of August to December 2021 due to inaccurate counts from January to July 2021.

ADDITIONAL CHARTS

Table 2-11  
Manitoba Licensed Drivers Class 1-5, Non-Binary or Undisclosed by Age Group: 2021

Gender and Status	Age Groups												TOTAL
	16	17	18	19	20 - 24	25 - 34	35 - 44	45 - 54	55 - 64	65 - 74	75 - 84	>84	
Active Non-Binary - class 1 - 5	8	3	4	3	40	65	36	8	4	1	0	0	171
Suspended Non-Binary - class 1 - 5	0	0	0	0	0	2	2	0	0	0	0	0	4
Active Undisclosed - class 1 - 5	6	3	3	4	12	21	17	2	0	0	0	0	68
Suspended Undisclosed - class 1 - 5	0	0	0	0	0	0	0	0	0	0	0	0	0
Total active class 1 - 5	14	6	7	7	51	86	53	10	4	1	0	0	239
Total suspended - class 1 - 5	0	0	0	0	0	2	2	0	0	0	0	0	4
Total active & suspended - class 1 - 5	14	6	7	7	52	88	55	10	4	1	0	0	243

Data source: MVB 059 Report

Note: The counts are 5-month averages of August to December 2021.

Table 2-12  
Manitoba Licensed Drivers Class 1-5, by Gender and Age Group (including individual ages 16, 17, 18, 19): 2021

Gender and Status	Age Groups												TOTAL
	16	17	18	19	20 - 24	25 - 34	35 - 44	45 - 54	55 - 64	65 - 74	75 - 84	>84	
Active male - class 1 - 5	4,305	5,408	6,010	6,530	41,847	81,356	79,030	71,974	76,845	57,892	26,271	6,774	464,242
Suspended male - class 1 - 5	92	149	230	332	2,212	5,705	4,809	3,802	3,924	2,897	2,601	3,313	30,065
Active female - class 1 - 5	4,283	5,213	5,721	5,971	35,684	77,621	77,908	69,288	74,309	57,352	26,661	6,533	446,545
Suspended female - class 1 - 5	36	55	114	180	1,366	3,846	2,881	1,849	1,504	1,360	1,622	2,027	16,839
Total active class 1 - 5	8,588	10,621	11,731	12,501	77,532	158,977	156,938	141,262	151,154	115,243	52,933	13,307	910,787
Total suspended - class 1 - 5	127	204	344	512	3,577	9,551	7,689	5,651	5,428	4,256	4,224	5,340	46,904
Total active & suspended - class 1 - 5	8,715	10,825	12,076	13,014	81,109	168,528	164,627	146,913	156,582	119,500	57,156	18,647	957,692

Data source: MVB 059 Report

Note: The counts are 5-month averages of August to December 2021.

Table 2-13  
Manitoba Licensed Drivers Class 1-5, by Gender and Age Group (including individual ages 16, 17, 18, 19): 2020 (12-Month Average)

Gender and Status	Age Groups												
	16	17	18	19	20 - 24	25 - 34	35 - 44	45 - 54	55 - 64	65 - 74	75 - 84	>84	TOTAL
Active male - class 1 - 5	4,311	5,673	6,198	6,738	38,405	80,406	77,330	72,145	77,525	55,576	24,840	6,501	455,648
Suspended male - class 1 - 5	86	149	243	328	2,237	5,829	4,899	3,914	3,838	2,687	2,396	3,091	29,696
Active female - class 1 - 5	4,311	5,356	5,778	6,253	34,020	77,479	76,302	69,344	74,540	55,060	24,840	6,181	439,465
Suspended female - class 1 - 5	30	76	135	197	1,415	3,805	2,716	1,796	1,413	1,284	1,468	1,889	16,222
Total active class 1 - 5	8,622	11,030	11,977	12,991	72,425	157,884	153,632	141,489	152,065	110,636	49,681	12,682	895,113
Total suspended - class 1 - 5	116	224	378	524	3,652	9,634	7,615	5,710	5,251	3,972	3,864	4,980	45,918
Total active & suspended - class 1 - 5	8,738	11,254	12,355	13,515	76,077	167,518	161,247	147,199	157,316	114,608	53,545	17,662	941,031

Data source: MVB 059 Report

Table 2-14  
Manitoba Licensed Drivers Class 1-5, by Gender and Age Group (including individual ages 16, 17, 18, 19): 2019 (12-Month Average)

Gender and Status	Age Groups												
	16	17	18	19	20 - 24	25 - 34	35 - 44	45 - 54	55 - 64	65 - 74	75 - 84	>84	TOTAL
Active male - class 1 - 5	4,902	5,839	6,264	6,983	37,245	79,770	76,014	72,603	77,456	53,486	24,028	6,345	450,935
Suspended male - class 1 - 5	94	169	288	379	2,614	6,308	4,980	4,087	3,789	2,493	2,296	3,040	30,538
Active female - class 1 - 5	4,707	5,490	5,993	6,301	33,920	77,006	74,787	69,958	74,111	52,794	23,922	5,994	434,983
Suspended female - class 1 - 5	42	94	167	251	1,635	4,078	2,776	1,823	1,392	1,191	1,384	1,840	16,673
Total active class 1 - 5	9,609	11,329	12,257	13,284	71,165	156,776	150,801	142,561	151,567	106,280	47,950	12,340	885,918
Total suspended - class 1 - 5	136	263	455	631	4,248	10,386	7,756	5,910	5,181	3,684	3,680	4,880	47,210
Total active & suspended - class 1 - 5	9,745	11,592	12,712	13,914	75,414	167,162	158,557	148,471	156,748	109,964	51,630	17,220	933,128

Data source: MVB 059 Report

Table 2-15  
Manitoba Licensed Drivers Class 1-5, by Gender and Age Group (including individual ages 16, 17, 18, 19): 2018 (12-Month Average)

Gender and Status	Age Groups												
	16	17	18	19	20 - 24	25 - 34	35 - 44	45 - 54	55 - 64	65 - 74	75 - 84	>84	TOTAL
Active male - class 1 - 5	4,943	5,831	6,515	6,768	37,194	78,898	74,739	73,802	76,805	51,688	23,043	6,179	446,406
Suspended male - class 1 - 5	86	160	242	333	2,481	5,895	4,584	4,014	3,553	2,304	2,185	2,911	28,747
Active female - class 1 - 5	4,729	5,623	6,070	6,250	34,029	76,461	73,043	71,003	73,456	50,518	22,924	5,840	429,944
Suspended female - class 1 - 5	34	91	154	227	1,570	3,667	2,493	1,717	1,275	1,083	1,293	1,713	15,317
Total active class 1 - 5	9,672	11,454	12,585	13,018	71,223	155,359	147,782	144,805	150,261	102,206	45,967	12,019	876,350
Total suspended - class 1 - 5	121	251	395	561	4,052	9,562	7,077	5,731	4,828	3,387	3,478	4,623	44,064
Total active & suspended - class 1 - 5	9,793	11,705	12,980	13,579	75,275	164,921	154,859	150,535	155,089	105,593	49,445	16,642	920,414

Data source: MVB 059 Report

Table 2-16  
Manitoba Licensed Drivers Class 1-5, by Gender and Age Group (including individual ages 16, 17, 18, 19): 2017 (12-Month Average)

Gender and Status	Age Groups												
	16	17	18	19	20 - 24	25 - 34	35 - 44	45 - 54	55 - 64	65 - 74	75 - 84	>84	TOTAL
Active male - class 1 - 5	4,869	6,003	6,375	6,647	36,993	77,529	73,273	74,859	75,696	49,969	22,253	6,016	440,480
Suspended male - class 1 - 5	82	120	201	292	2,346	5,471	4,239	3,958	3,251	2,136	2,045	2,730	26,870
Active female - class 1 - 5	4,810	5,675	6,001	6,114	34,178	75,300	71,449	72,246	72,329	48,478	21,927	5,708	424,215
Suspended female - class 1 - 5	31	67	127	197	1,465	3,234	2,228	1,581	1,128	988	1,181	1,572	13,800
Total active class 1 - 5	9,679	11,678	12,376	12,761	71,171	152,829	144,721	147,105	148,025	98,447	44,179	11,725	864,695
Total suspended - class 1 - 5	113	187	329	489	3,810	8,705	6,467	5,539	4,379	3,124	3,226	4,303	40,670
Total active & suspended - class 1 - 5	9,792	11,866	12,704	13,250	74,981	161,534	151,188	152,644	152,404	101,571	47,405	16,027	905,365

Data source: MVB 059 Report

Table 2-17  
 Manitoba Licensed Drivers Class 1-5, by Gender and Age Group (including individual ages 16, 17, 18, 19): 2016 (12-Month Average)

Gender and Status	Age Groups												
	16	17	18	19	20 - 24	25 - 34	35 - 44	45 - 54	55 - 64	65 - 74	75 - 84	>84	TOTAL
Active male - class 1 - 5	4,975	5,879	6,343	6,757	36,581	75,730	71,988	76,022	74,337	48,149	21,696	5,837	434,295
Suspended male - class 1 - 5	53	88	181	290	2,343	5,132	4,110	4,020	3,330	2,478	2,728	4,711	29,464
Active female - class 1 - 5	4,786	5,597	5,842	6,178	34,437	73,480	70,140	73,186	71,040	46,393	21,196	5,498	417,772
Suspended female - class 1 - 5	23	54	112	196	1,385	2,930	2,061	1,512	1,144	1,096	1,419	2,419	14,350
Total active class 1 - 5	9,760	11,476	12,185	12,935	71,018	149,210	142,129	149,208	145,377	94,542	42,892	11,336	852,067
Total suspended - class 1 - 5	76	142	294	486	3,727	8,062	6,171	5,532	4,474	3,574	4,147	7,130	43,813
Total active & suspended - class 1 - 5	9,836	11,617	12,478	13,421	74,745	157,273	148,300	154,740	149,851	98,116	47,040	18,465	895,880

Data source: MVB 059 Report

### Section 3: Vehicle Registrations

2021 Traffic Collision Statistics Report: Consolidated Tables

Table 3-1  
Non-Commercial Vehicle Class: 2021

Vehicle Class*	Total	%
Passenger	600,273	58.7
Antique	150	<0.1
Motorcycle/Moped	17,118	1.7
Truck	160,047	15.7
Farm Truck	44,106	4.3
Trailer	200,853	19.6
<b>Total Non-Commercial Vehicles Registered</b>	<b>1,022,547</b>	<b>100</b>
Snowmobiles (Recreational)		
Snowmobiles	36,253	

Table 3-2  
Commercial Vehicle Class: 2021

Vehicle Class*	Total	%
Commercial Truck	64,059	45.8
Dealer and Repairer	6,459	4.6
Commercial Trailer	65,183	46.6
Regulated Passenger	4,315	3.1
<b>Total Commercial Vehicles Registered</b>	<b>140,016</b>	<b>100</b>

Table 3-3  
Vehicle Registrations Summary: 2011 to 2021

Registration Class	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	5-year (2016- 2020) Average	2021	% Change 2021 vs. 2020	% Change (2021 vs. 2016-2020 average)
<b>Non-Commercial Vehicle Class</b>														
Passenger	529,406	539,384	545,723	551,113	559,606	565,348	571,719	579,212	584,432	585,263	577,195	<b>600,273</b>	2.6	4.0
Antique**	103	131	134	133	136	145	145	152	163	143	150	<b>150</b>	4.3	<0.1
Motorcycle/Moped	11,229	12,329	12,658	13,042	13,732	14,634	15,356	15,761	15,682	15,848	15,456	<b>17,118</b>	8.0	10.8
Truck	139,530	145,405	149,295	153,077	156,302	150,401	151,143	152,615	152,645	154,596	152,280	<b>160,047</b>	3.5	5.1
Farm Truck	42,942	43,384	43,361	43,517	43,749	43,908	43,702	43,563	43,612	43,513	43,660	<b>44,106</b>	1.4	1.0
Trailer	143,249	154,603	160,451	165,492	170,778	175,160	179,244	183,121	186,476	190,792	182,959	<b>200,853</b>	5.3	9.8
Subtotal	866,459	895,236	911,622	926,374	944,303	949,597	961,309	974,424	983,010	990,156	971,699	<b>1,022,547</b>	3.3	5.2
<b>Commercial Vehicle Class</b>														
Truck	28,928	30,391	31,407	32,227	33,521	40,161	42,160	43,037	49,001	59,916	46,855	<b>64,059</b>	6.9	36.7
Dealer/Repairer	6,185	6,178	6,210	6,354	6,439	6,551	6,598	6,548	6,513	6,332	6,508	<b>6,459</b>	2.0	-0.8
Trailers*	45,221	49,389	50,936	55,000	54,342	57,824	58,054	61,538	61,109	64,725	60,650	<b>65,183</b>	0.7	7.5
Regulated Passenger****	-	-	-	-	-	2609	3,955	4,095	4,277	4,153	3,818	<b>4,315</b>	3.9	-
Subtotal	80,333	85,958	88,552	93,582	94,302	107,145	110,766	115,217	120,901	135,126	117,831	<b>140,016</b>	3.6	18.8
<b>Total Registrations - Non-Commercial and Commercial Vehicle Classes</b>														
Total Registrations	946,792	981,194	1,000,174	1,019,957	1,038,605	1,056,741	1,072,075	1,089,641	1,103,911	1,125,282	1,089,530	<b>1,162,563</b>	3.3	6.7
<b>Snowmobiles***</b>														
Total	30,421	30,650	32,851	34,280	33,735	34,061	34,344	34,943	35,117	34,843	34,662	<b>36,253</b>	4.0	4.6
<b>Off-Road Vehicle Dealer Plates</b>														
Total	471	469	505	518	529	562	568	552	538	521	548	<b>524</b>	0.6	-4.4

## Section 4: Traffic Collisions

Table 4-1  
Historical Summary of Traffic Collisions: 2011 to 2021

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2016-2020 Average
Collision Incidents (Claims)	94,954	92,263	99,681	95,615	89,533	93,429	95,551	91,491	93,944	72,501	<b>70,695</b>	89,383
Total TAR Reportable Collisions	34,302	38,972	41,819	40,672	41,548	45,316	51,844	51,732	54,755	44,339	<b>45,361</b>	49,597
Fatal	94	89	69	64	69	96	65	65	68	70	<b>67</b>	73
Injury	6,309	8,280	8,729	9,023	9,127	9,582	9,691	9,325	8,992	5,667	<b>5,947</b>	8,651
PDO	27,899	30,603	33,021	31,585	32,352	35,638	42,088	42,342	45,695	38,602	<b>39,347</b>	40,873
Total Victims	8,337	10,623	11,234	11,676	12,017	12,653	12,659	12,057	11,645	7,238	<b>7,609</b>	11,250
Killed	110	96	85	68	78	107	73	70	76	78	<b>78</b>	81
Injured	8,227	10,527	11,149	11,608	11,939	12,546	12,586	11,987	11,569	7,160	<b>7,531</b>	11,170
Total Vehicles Involved	53,516	59,556	64,316	62,277	61,711	66,063	72,055	70,244	73,287	57,175	<b>59,148</b>	67,765
Fatal	141	126	111	95	106	143	88	98	99	112	<b>103</b>	108
Injury	10,956	14,802	15,663	16,233	16,184	16,927	16,748	15,975	15,276	9,602	<b>10,080</b>	14,906
PDO	42,419	44,628	48,542	45,949	45,421	48,993	55,219	54,171	57,912	47,461	<b>48,965</b>	52,751
Total Drivers Involved	51,279	58,877	63,501	61,294	59,716	63,839	68,447	66,606	69,564	54,037	<b>56,238</b>	64,499
Fatal	130	119	106	90	103	138	85	95	97	105	<b>100</b>	104
Injury	10,644	14,696	15,539	16,120	16,088	16,753	16,531	15,752	15,095	9,459	<b>9,938</b>	14,718
PDO	40,505	44,062	47,856	45,084	43,525	46,948	51,831	50,759	54,372	44,473	<b>46,200</b>	49,677

Table 4-2  
 Traffic Collisions by Month of Occurrence and Collision Severity: 2021, 2016-2020 Average

Month	2021 Collision Severity						2021 Total	% of 2021 Total	2016-2020 Average Count of Collisions				
	Fatal	% of Total Fatal	Injury	% of Total Injury	PDO	% of Total PDO			Fatal	Injury	PDO	Total	% of Total
January	6	9.0%	471	7.9%	3,233	8.2%	<b>3,710</b>	8.2%	3	1,084	4,572	5,659	11.4%
February	3	4.5%	471	7.9%	3,159	8.0%	<b>3,633</b>	8.0%	4	880	3,733	4,618	9.3%
March	1	1.5%	379	6.4%	2,675	6.8%	<b>3,055</b>	6.7%	4	665	3,095	3,765	7.6%
April	1	1.5%	373	6.3%	2,415	6.1%	<b>2,789</b>	6.1%	5	478	2,453	2,936	5.9%
May	6	9.0%	321	5.4%	2,219	5.6%	<b>2,546</b>	5.6%	6	582	2,618	3,206	6.5%
June	6	9.0%	423	7.1%	2,884	7.3%	<b>3,313</b>	7.3%	8	627	2,893	3,528	7.1%
July	5	7.5%	433	7.3%	2,926	7.4%	<b>3,364</b>	7.4%	9	605	2,893	3,507	7.1%
August	9	13.4%	539	9.1%	3,091	7.9%	<b>3,639</b>	8.0%	10	648	2,878	3,535	7.1%
September	4	6.0%	582	9.8%	3,343	8.5%	<b>3,929</b>	8.7%	6	652	3,101	3,759	7.6%
October	13	19.4%	537	9.0%	3,836	9.7%	<b>4,386</b>	9.7%	7	752	3,923	4,682	9.4%
November	6	9.0%	678	11.4%	4,675	11.9%	<b>5,359</b>	11.8%	6	776	4,287	5,069	10.2%
December	7	10.4%	740	12.4%	4,891	12.4%	<b>5,638</b>	12.4%	4	903	4,427	5,334	10.8%
<b>Total</b>	<b>67</b>	<b>100%</b>	<b>5,947</b>	<b>100%</b>	<b>39,347</b>	<b>100%</b>	<b>45,361</b>	<b>100%</b>	<b>73</b>	<b>8,651</b>	<b>40,873</b>	<b>49,597</b>	<b>100%</b>

Note: Counts of collisions in the 2016-2020 average may not add to the total due to rounding.

Table 4-3  
Traffic Collisions by Day of Occurrence and Collision Severity: 2021, 2016-2020 Average

Day of Week	2021 Collision Severity						2021 Total	% of 2021 Total	2016-2020 Average Count of Collisions				
	Fatal	% of Total Fatal	Injury	% of Total Injury	PDO	% of Total PDO			Fatal	Injury	PDO	Total	% of Total
Sunday	7	10.4%	525	8.8%	4,043	10.3%	<b>4,575</b>	10.1%	15	771	4,259	5,044	10.2%
Monday	12	17.9%	787	13.2%	5,369	13.6%	<b>6,168</b>	13.6%	8	1,225	5,727	6,960	14.0%
Tuesday	5	7.5%	921	15.5%	5,911	15.0%	<b>6,837</b>	15.1%	8	1,373	6,083	7,463	15.0%
Wednesday	10	14.9%	972	16.3%	6,072	15.4%	<b>7,054</b>	15.6%	10	1,361	6,220	7,591	15.3%
Thursday	9	13.4%	919	15.5%	5,997	15.2%	<b>6,925</b>	15.3%	9	1,422	6,369	7,801	15.7%
Friday	14	20.9%	1,066	17.9%	6,711	17.1%	<b>7,791</b>	17.2%	12	1,493	6,988	8,493	17.1%
Saturday	10	14.9%	757	12.7%	5,244	13.3%	<b>6,011</b>	13.3%	11	1,007	5,227	6,245	12.6%
<b>Total</b>	<b>67</b>	<b>100%</b>	<b>5,947</b>	<b>100%</b>	<b>39,347</b>	<b>100%</b>	<b>45,361</b>	<b>100%</b>	<b>73</b>	<b>8,651</b>	<b>40,873</b>	<b>49,597</b>	<b>100%</b>

Note: Counts of collisions in the 2016-2020 average may not add to the total due to rounding.

Table 4-4  
Traffic Collisions by Time of Occurrence and Collision Severity: 2021, 2016-2020 Average

Time	2021 Collision Severity						2021 Total	% of 2021 Total	2016-2020 Average Count of Collisions				
	Fatal	% of Total Fatal	Injury	% of Total Injury	PDO	% of Total PDO			Fatal	Injury	PDO	Total	% of Total
00:00 - 02:59	5	7.5%	131	2.2%	944	2.4%	<b>1,080</b>	2.4%	7	178	1,160	1,345	2.7%
03:00 - 05:59	3	4.5%	99	1.7%	1,202	3.1%	<b>1,304</b>	2.9%	5	105	1,142	1,252	2.5%
06:00 - 08:59	11	16.4%	785	13.2%	5,635	14.3%	<b>6,431</b>	14.2%	7	1,179	5,757	6,943	14.0%
09:00 - 11:59	7	10.4%	734	12.3%	4,710	12.0%	<b>5,451</b>	12.0%	10	1,195	5,243	6,448	13.0%
12:00 - 14:59	7	10.4%	1,203	20.2%	6,443	16.4%	<b>7,653</b>	16.9%	11	1,696	6,653	8,359	16.9%
15:00 - 17:59	13	19.4%	1,764	29.7%	8,759	22.3%	<b>10,536</b>	23.2%	12	2,463	9,154	11,629	23.4%
18:00 - 20:59	14	20.9%	832	14.0%	6,627	16.8%	<b>7,473</b>	16.5%	12	1,166	6,547	7,724	15.6%
21:00 - 23:59	7	10.4%	380	6.4%	4,670	11.9%	<b>5,057</b>	11.1%	8	642	4,886	5,537	11.2%
Not Stated	0	-	19	0.3%	357	0.9%	<b>376</b>	0.8%	-	27	332	359	0.7%
<b>Total</b>	<b>67</b>	<b>100%</b>	<b>5,947</b>	<b>100%</b>	<b>39,347</b>	<b>100%</b>	<b>45,361</b>	<b>100%</b>	<b>73</b>	<b>8,651</b>	<b>40,873</b>	<b>49,597</b>	<b>100%</b>

Note: Counts of collisions in the 2016-2020 average may not add to the total due to rounding.

Table 4-5  
Traffic Collisions by Provincial Location and Collision Severity: 2021, 2016-2020 Average

Location	2021 Collision Severity						2021 Total	% of 2021 Total	2016-2020 Average Count of Collisions				
	Fatal	% of Total Fatal	Injury	% of Total Injury	PDO	% of Total PDO			Fatal	Injury	PDO	Total	% of Total
Winnipeg	7	10.4%	4,269	71.8%	20,004	50.8%	<b>24,280</b>	53.5%	13	6,614	22,768	29,394	59.3%
Brandon	0	-	138	2.3%	1,039	2.6%	<b>1,177</b>	2.6%	<1	199	1,144	1,344	2.7%
Portage	1	1.5%	36	0.6%	262	0.7%	<b>299</b>	0.7%	1	48	274	324	0.7%
Flin Flon	0	-	5	<0.1%	66	0.2%	<b>71</b>	0.2%	<1	4	75	79	0.2%
Dauphin	1	1.5%	17	0.3%	171	0.4%	<b>189</b>	0.4%	<1	25	172	197	0.4%
Thompson	0	-	22	0.4%	202	0.5%	<b>224</b>	0.5%	<1	31	228	260	0.5%
The Pas	1	1.5%	6	0.1%	151	0.4%	<b>158</b>	0.3%	-	11	151	162	0.3%
Selkirk	0	-	53	0.9%	268	0.7%	<b>321</b>	0.7%	<1	64	280	344	0.7%
Other Urban	16	23.9%	426	7.2%	4,629	11.8%	<b>5,071</b>	11.2%	14	550	4,785	5,349	10.8%
All Rural	41	61.2%	975	16.4%	12,555	31.9%	<b>13,571</b>	29.9%	43	1,105	10,997	12,146	24.5%
<b>Total</b>	<b>67</b>	<b>100%</b>	<b>5,947</b>	<b>100%</b>	<b>39,347</b>	<b>100%</b>	<b>45,361</b>	<b>100%</b>	<b>73</b>	<b>8,651</b>	<b>40,873</b>	<b>49,597</b>	<b>100%</b>

Note: Counts of collisions in the 2016-2020 average may not add to the total due to rounding.

Table 4-6  
Collision Type by Urban/Rural Location: 2021

Collision Type	Location												
	2021 Urban				2021 Rural				2021 Provincial Total				2021 Provincial Total as % of Total
	Fatal	Injury	PDO	Total	Fatal	Injury	PDO	Total	Fatal	Injury	PDO	Total	
Collision with pedestrian	7	65	60	132	2	4	0	6	9	69	60	<b>138</b>	0.3%
Collision with other motor vehicle	9	4,386	18,901	23,296	24	343	1,002	1,369	33	4,729	19,903	<b>24,665</b>	54.4%
Collisions with train	0	0	3	3	0	0	1	1	0	0	4	<b>4</b>	<0.1%
Collision with motorcycle	0	7	8	15	0	0	2	2	0	7	10	<b>17</b>	<0.1%
Collision with animal drawn vehicle	0	0	0	0	0	0	0	0	0	0	0	<b>0</b>	-
Collision with bicycle	0	34	70	104	2	1	1	4	2	35	71	<b>108</b>	0.2%
Collision with animal	0	50	1,979	2,029	0	321	9,862	10,183	0	371	11,841	<b>12,212</b>	26.9%
Collision with fixed object	2	250	3,410	3,662	8	233	914	1,155	10	483	4,324	<b>4,817</b>	10.6%
Collision with other object	8	154	2,138	2,300	4	51	689	744	12	205	2,827	<b>3,044</b>	6.7%
Overtaken in roadway	0	5	6	11	0	5	5	10	0	10	11	<b>21</b>	<0.1%
Ran off roadway	0	2	0	2	1	2	7	10	1	4	7	<b>12</b>	<0.1%
Collision with moped	0	0	0	0	0	0	1	1	0	0	1	<b>1</b>	<0.1%
Other non-collision	0	19	217	236	0	15	71	86	0	34	288	<b>322</b>	0.7%
<b>Total</b>	<b>26</b>	<b>4,972</b>	<b>26,792</b>	<b>31,790</b>	<b>41</b>	<b>975</b>	<b>12,555</b>	<b>13,571</b>	<b>67</b>	<b>5,947</b>	<b>39,347</b>	<b>45,361</b>	<b>100%</b>

Table 4-6a  
Collision Type by Urban/Rural Location: 2016-2020 Average

Collision Type	2016-2020 Average Count of Collisions				
	Fatal	Injury	PDO	Total	% of Total
Collision with pedestrian	4	73	77	154	0.3%
Collision with other motor vehicle	38	7,063	22,617	29,717	59.9%
Collisions with train	<1	2	5	7	<0.1%
Collision with motorcycle	<1	7	7	14	<0.1%
Collision with animal drawn vehicle	-	-	-	-	<0.1%
Collision with bicycle	<1	51	85	136	0.3%
Collision with animal	<1	349	9,903	10,252	20.7%
Collision with fixed object	15	737	5,074	5,826	11.7%
Collision with other object	10	298	2,732	3,040	6.1%
Overtaken in roadway	<1	11	13	25	<0.1%
Ran off roadway	3	5	13	21	<0.1%
Collision with moped	-	<1	<1	1	<0.1%
Other non-collision	1	54	347	402	0.8%
Total	73	8,651	40,873	49,597	100%

Note: Counts of collisions in the 2016-2020 average may not add to the total due to rounding.

Table 4-7  
 Traffic Collisions by Road Surface Condition and Collision Severity: 2021, 2016-2020 Average

Road Surface Condition	2021 Collision Severity						2021 Total	% of 2021 Total	2016-2020 Average Count of Collisions				
	Fatal	% of Total Fatal	Injury	% of Total Injury	PDO	% of Total PDO			Fatal	Injury	PDO	Total	% of Total
Dry	21	31.3%	3,864	65.0%	24,726	62.8%	<b>28,611</b>	63.1%	41	4,890	22,951	27,883	56.2%
Wet	2	3.0%	454	7.6%	2,366	6.0%	<b>2,822</b>	6.2%	4	885	3,415	4,304	8.7%
Mud	1	1.5%	3	<0.1%	56	0.1%	<b>60</b>	0.1%	<1	9	91	100	0.2%
Snow	1	1.5%	362	6.1%	3,322	8.4%	<b>3,685</b>	8.1%	3	709	4,405	5,117	10.3%
Ice	4	6.0%	882	14.8%	5,379	13.7%	<b>6,265</b>	13.8%	3	1,594	6,341	7,939	16.0%
Slush	0	-	82	1.4%	388	1.0%	<b>470</b>	1.0%	<1	190	680	870	1.8%
Loose Sand/ Gravel/ Dirt	0	-	61	1.0%	232	0.6%	<b>293</b>	0.6%	1	57	291	349	0.7%
Fresh Oil	0	-	1	<0.1%	12	<0.1%	<b>13</b>	<0.1%	-	5	16	22	<0.1%
Other	1	1.5%	24	0.4%	176	0.4%	<b>201</b>	0.4%	<1	22	168	191	0.4%
Not Applicable	0	-	25	0.4%	642	1.6%	<b>667</b>	1.5%	1	52	434	487	1.0%
Unknown	37	55.2%	189	3.2%	2,048	5.2%	<b>2,274</b>	5.0%	18	238	2,080	2,336	4.7%
<b>Total</b>	<b>67</b>	<b>100%</b>	<b>5,947</b>	<b>100%</b>	<b>39,347</b>	<b>100%</b>	<b>45,361</b>	<b>100%</b>	<b>73</b>	<b>8,651</b>	<b>40,873</b>	<b>49,597</b>	<b>100%</b>

Note: Counts of collisions in the 2016-2020 average may not add to the total due to rounding.

Table 4-8  
 Traffic Collisions by Weather Condition and Collision Severity: 2021, 2016-2020 Average

Weather Condition	2021 Collision Severity						2021 Total	% of 2021 Total	2016-2020 Average Count of Collisions				
	Fatal	% of Total Fatal	Injury	% of Total Injury	PDO	% of Total PDO			Fatal	Injury	PDO	Total	% of Total
Clear	22	32.8%	4,318	72.6%	27,332	69.5%	<b>31,672</b>	69.8%	40	5,851	26,477	32,368	65.3%
Cloudy	5	7.5%	642	10.8%	4,020	10.2%	<b>4,667</b>	10.3%	6	1,261	5,451	6,718	13.5%
Raining	1	1.5%	194	3.3%	991	2.5%	<b>1,186</b>	2.6%	1	329	1,380	1,711	3.4%
Snowing	1	1.5%	289	4.9%	1,843	4.7%	<b>2,133</b>	4.7%	2	534	2,487	3,023	6.1%
Fog or Mist	0	-	51	0.9%	624	1.6%	<b>675</b>	1.5%	<1	75	523	598	1.2%
Smoke or Dust	0	-	41	0.7%	310	0.8%	<b>351</b>	0.8%	<1	11	49	61	0.1%
Freezing Rain/ Sleet/ Hail	0	-	27	0.5%	115	0.3%	<b>142</b>	0.3%	<1	40	128	168	0.3%
Drifting Snow	1	1.5%	53	0.9%	345	0.9%	<b>399</b>	0.9%	<1	76	408	485	1.0%
Strong Winds	1	1.5%	55	0.9%	318	0.8%	<b>374</b>	0.8%	<1	65	298	363	0.7%
Other	1	1.5%	14	0.2%	112	0.3%	<b>127</b>	0.3%	<1	18	128	147	0.3%
Not Applicable	0	-	19	0.3%	566	1.4%	<b>585</b>	1.3%	<1	59	490	550	1.1%
Unknown	35	52.2%	244	4.1%	2,771	7.0%	<b>3,050</b>	6.7%	20	332	3,054	3,406	6.9%
<b>Total</b>	<b>67</b>	<b>100%</b>	<b>5,947</b>	<b>100%</b>	<b>39,347</b>	<b>100%</b>	<b>45,361</b>	<b>100%</b>	<b>73</b>	<b>8,651</b>	<b>40,873</b>	<b>49,597</b>	<b>100%</b>

Note: Counts of collisions in the 2016-2020 average may not add to the total due to rounding.

Table 4-9  
Accident Configuration and Collision Severity: 2021, 2016-2020 Average

Accident Configuration	2021 Collision Severity						2021 Total	% of 2021 Total	2016-2020 Average Count of Collisions				
	Fatal	% of Total Fatal	Injury	% of Total Injury	PDO	% of Total PDO			Fatal	Injury	PDO	Total	% of Total
Rear End	0	-	2,209	45.5%	6,608	31.8%	<b>8,817</b>	34.3%	2	3,594	7,656	11,252	36.1%
Head On	6	16.2%	60	1.2%	314	1.5%	<b>380</b>	1.5%	11	101	440	552	1.8%
Side Swipe Opposing	1	2.7%	40	0.8%	269	1.3%	<b>310</b>	1.2%	-	61	327	388	1.2%
Side Swipe Same Direction	1	2.7%	297	6.1%	2,938	14.1%	<b>3,236</b>	12.6%	<1	441	3,190	3,631	11.6%
Overtaking	0	-	13	0.3%	116	0.6%	<b>129</b>	0.5%	-	27	132	159	0.5%
Right Turn - Same direction	0	-	24	0.5%	138	0.7%	<b>162</b>	0.6%	<1	28	181	208	0.7%
Right Turn - Opposing	0	-	6	0.1%	41	0.2%	<b>47</b>	0.2%	-	11	57	68	0.2%
Left Turn - Opposing	0	-	147	3.0%	250	1.2%	<b>397</b>	1.5%	1.2	201	329	531	1.7%
Left Turn - Same direction	0	-	20	0.4%	160	0.8%	<b>180</b>	0.7%	-	31	162	193	0.6%
Left Turn - Across	0	-	161	3.3%	306	1.5%	<b>467</b>	1.8%	<1	200	366	567	1.8%
Intersection 90°	5	13.5%	1,215	25.0%	2,735	13.2%	<b>3,955</b>	15.4%	7	1,669	3,120	4,796	15.4%
Off Road Right	8	21.6%	151	3.1%	574	2.8%	<b>733</b>	2.9%	4	226	753	983	3.2%
Off Road Left	1	2.7%	115	2.4%	386	1.9%	<b>502</b>	2.0%	2	156	512	670	2.1%
Fixed Object	4	10.8%	217	4.5%	4,008	19.3%	<b>4,229</b>	16.5%	3	342	4,143	4,488	14.4%
Parking	0	-	71	1.5%	1,868	9.0%	<b>1,939</b>	7.5%	<1	123	2,340	2,463	7.9%
Pedestrian	11	29.7%	112	2.3%	83	0.4%	<b>206</b>	0.8%	5	119	115	239	0.8%
Other	30	-	1,089	-	18,553	-	<b>19,672</b>	-	37	1,322	17,050	18,409	-
<b>Total</b>	<b>67</b>	<b>100%</b>	<b>5,947</b>	<b>100%</b>	<b>39,347</b>	<b>100%</b>	<b>45,361</b>	<b>100%</b>	<b>73</b>	<b>8,651</b>	<b>40,873</b>	<b>49,597</b>	<b>100%</b>

Note: Counts of collisions in the 2016-2020 average may not add to the total due to rounding.

Note: 'Other' accident configurations consist primarily of collisions involving more than one configuration or sequence of events. Calculations in '% of Total' exclude the 'Other' category.

## Section 5: Collision Victims

Table 5-1  
Historical Summary of Victims in Traffic Collisions: 2011 to 2021

Year	Casualty Type												Total Victims	% change to previous year
	Killed	% change to previous year	Serious Injury	% change to previous year	Minor Injury	% change to previous year	Minimal Injury	% change to previous year	Other Injury	% change to previous year	Total Injured	% change to previous year		
2011	110	-	337	-	2,465	-	4,306	-	1,119	-	8,227	-	8,337	-
2012	96	-12.7%	339	0.6%	2,237	-9.2%	7,864	82.6%	87	-92.2%	10,527	28.0%	10,623	27.4%
2013	85	-11.5%	307	-9.4%	2,242	0.2%	8,488	7.9%	112	28.7%	11,149	5.9%	11,234	5.8%
2014	68	-20.0%	303	-1.3%	2,009	-10.4%	9,201	8.4%	95	-15.2%	11,608	4.1%	11,676	3.9%
2015	78	14.7%	415	37.0%	1,947	-3.1%	9,014	-2.0%	563	492.6%	11,939	2.9%	12,017	2.9%
2016	107	37.2%	478	15.2%	2,174	11.7%	9,710	7.7%	184	-67.3%	12,546	5.1%	12,653	5.3%
2017	73	-31.8%	442	-7.5%	2,026	-6.8%	9,836	1.3%	282	53.3%	12,586	0.3%	12,659	0.0%
2018	70	-4.1%	437	-1.1%	1,818	-10.3%	9,422	-4.2%	310	9.9%	11,987	-4.8%	12,057	-4.8%
2019	76	8.6%	368	-15.8%	1,817	-0.1%	9,354	-0.7%	30	-90.3%	11,569	-3.5%	11,645	-3.4%
2020	78	2.6%	318	-13.6%	1,168	-35.7%	5,645	-39.7%	29	-3.3%	7,160	-38.1%	7,238	-37.8%
<b>2021</b>	<b>78</b>	<b>0.0%</b>	<b>320</b>	<b>0.6%</b>	<b>1,260</b>	<b>7.9%</b>	<b>5,927</b>	<b>5.0%</b>	<b>24</b>	<b>-17.2%</b>	<b>7,531</b>	<b>5.2%</b>	<b>7,609</b>	<b>5.1%</b>
2016-2020 Average*	81	-3.5%	409	-21.7%	1,801	-30.0%	8,793	-32.6%	167	-85.6%	11,170	-32.6%	11,250	-32.4%

\* "% change" in this line compares the current year to the 5-year average

Table 5-2 Historical Summary of Victim Involvement Rate (per 100,000 People) in Traffic Collisions: 2011 to 2021

Year	Casualty Type												Total Victims	% change to previous year
	Killed	% change to previous year	Serious Injury	% change to previous year	Minor Injury	% change to previous year	Minimal Injury	% change to previous year	Other Injury	% change to previous year	Total Injured	% change to previous year		
2011	8.8	-	26.9	-	197.1	-	344.3	-	89.5	-	657.9	-	666.7	-
2012	7.6	-14.2%	26.7	-1.1%	175.9	-10.7%	618.5	79.6%	6.8	-92.4%	828.0	25.9%	835.5	25.3%
2013	6.6	-12.7%	23.8	-10.7%	173.9	-1.2%	658.4	6.4%	8.7	27.0%	864.8	4.4%	871.3	4.3%
2014	5.2	-21.0%	23.2	-2.6%	153.8	-11.6%	704.4	7.0%	7.3	-16.3%	888.6	2.8%	893.8	2.6%
2015	5.9	13.5%	31.4	35.5%	147.5	-4.1%	682.7	-3.1%	42.6	486.3%	904.2	1.8%	910.1	1.8%
2016	8.0	35.2%	35.7	13.5%	162.3	10.1%	725.0	6.2%	13.7	-67.8%	936.8	3.6%	944.7	3.8%
2017	5.4	-32.7%	32.6	-8.7%	149.3	-8.0%	724.9	0.0%	20.8	51.3%	927.5	-1.0%	932.9	-1.3%
2018	5.1	-4.4%	32.1	-1.4%	133.6	-10.5%	692.5	-4.5%	22.8	9.6%	881.1	-5.0%	886.2	-5.0%
2019	5.5	7.6%	26.8	-16.5%	132.4	-0.9%	681.4	-1.6%	2.2	-90.4%	842.8	-4.3%	848.3	-4.3%
2020	5.6	1.6%	22.9	-14.5%	84.2	-36.4%	407.0	-40.3%	2.1	-4.3%	516.2	-38.7%	521.9	-38.5%
2021	<b>5.8</b>	<b>3.3%</b>	<b>23.8</b>	<b>4.0%</b>	<b>93.9</b>	<b>11.5%</b>	<b>441.6</b>	<b>8.5%</b>	<b>1.8</b>	<b>-14.5%</b>	<b>561.1</b>	<b>8.7%</b>	<b>566.9</b>	<b>8.6%</b>
2016-2020 Average*	5.9	-2.1%	30.0	-20.6%	132.4	-29.1%	646.2	-31.7%	12.3	-85.5%	820.9	-31.6%	826.8	-31.4%

\* "% change" in this line compares the current year to the 5-year average

Table 5-3  
Collision Victims by Month of Occurrence and Casualty Type: 2021

Month of Occurrence	2021 Casualty Type												2021 Total Victims	% of 2021 Total Victims
	Killed	% of Total Killed	Serious Injury	% of Total Serious Injury	Minor Injury	% of Total Minor Injury	Minimal Injury	% of Total Minimal Injury	Other Injury	% of Total Other Injury	Total Injured	% of Total Injured		
January	6	7.7%	14	4.4%	83	6.6%	477	8.0%	2	8.3%	576	7.6%	<b>582</b>	7.6%
February	5	6.4%	24	7.5%	66	5.2%	493	8.3%	1	4.2%	584	7.8%	<b>589</b>	7.7%
March	1	1.3%	21	6.6%	77	6.1%	379	6.4%	1	4.2%	478	6.3%	<b>479</b>	6.3%
April	1	1.3%	19	5.9%	88	7.0%	379	6.4%	0	-	486	6.5%	<b>487</b>	6.4%
May	6	7.7%	29	9.1%	75	6.0%	292	4.9%	0	-	396	5.3%	<b>402</b>	5.3%
June	6	7.7%	29	9.1%	99	7.9%	393	6.6%	6	25.0%	527	7.0%	<b>533</b>	7.0%
July	5	6.4%	32	10.0%	129	10.2%	392	6.6%	6	25.0%	559	7.4%	<b>564</b>	7.4%
August	13	16.7%	50	15.6%	135	10.7%	521	8.8%	1	4.2%	707	9.4%	<b>720</b>	9.5%
September	4	5.1%	34	10.6%	147	11.7%	558	9.4%	3	12.5%	742	9.9%	<b>746</b>	9.8%
October	18	23.1%	23	7.2%	106	8.4%	554	9.3%	3	12.5%	686	9.1%	<b>704</b>	9.3%
November	6	7.7%	26	8.1%	125	9.9%	684	11.5%	0	-	835	11.1%	<b>841</b>	11.1%
December	7	9.0%	19	5.9%	130	10.3%	805	13.6%	1	4.2%	955	12.7%	<b>962</b>	12.6%
<b>Total</b>	<b>78</b>	<b>100%</b>	<b>320</b>	<b>100%</b>	<b>1,260</b>	<b>100%</b>	<b>5,927</b>	<b>100%</b>	<b>24</b>	<b>100%</b>	<b>7,531</b>	<b>100%</b>	<b>7,609</b>	<b>100%</b>

Table 5-3a  
Collision Victims by Month of Occurrence and Casualty Type: 2016-2020 Average

Month of Occurrence	2016-2020 Average Count of Victims							
	Killed	Serious Injury	Minor Injury	Minimal Injury	Other Injury	Total Injured	Total Victims	% of Total Victims
January	3	33	183	1,148	16	1,380	<b>1,384</b>	12.3%
February	5	29	150	918	22	1,119	<b>1,124</b>	10.0%
March	4	30	134	668	17	849	<b>854</b>	7.6%
April	6	28	93	488	9	617	<b>623</b>	5.5%
May	7	37	147	565	12	761	<b>768</b>	6.8%
June	8	39	153	615	13	821	<b>829</b>	7.4%
July	10	36	155	598	12	801	<b>810</b>	7.2%
August	11	35	160	646	16	856	<b>867</b>	7.7%
September	7	37	145	648	12	842	<b>849</b>	7.5%
October	9	42	172	762	11	987	<b>995</b>	8.8%
November	6	31	145	788	15	980	<b>986</b>	8.8%
December	4	32	162	948	14	1,157	<b>1,161</b>	10.3%
Total	81	409	1,801	8,793	167	11,170	<b>11,250</b>	100%

Note: Counts of victims in the 2016-2020 average may not add to the total due to rounding.

Table 5-4  
Collision Victims by Day of Occurrence and Casualty Type: 2021

Day of the Week	2021 Casualty Type												2021 Total Victims	% of 2021 Total Victims
	Killed	% of Total Killed	Serious Injury	% of Total Serious Injury	Minor Injury	% of Total Minor Injury	Minimal Injury	% of Total Minimal Injury	Other Injury	% of Total Other Injury	Total Injured	% of Total Injured		
Sunday	9	11.5%	42	13.1%	138	11.0%	534	9.0%	3	12.5%	717	9.5%	<b>726</b>	9.5%
Monday	12	15.4%	37	11.6%	141	11.2%	791	13.3%	7	29.2%	976	13.0%	<b>988</b>	13.0%
Tuesday	5	6.4%	25	7.8%	176	14.0%	934	15.8%	3	12.5%	1,138	15.1%	<b>1,143</b>	15.0%
Wednesday	10	12.8%	61	19.1%	197	15.6%	937	15.8%	1	4.2%	1,196	15.9%	<b>1,206</b>	15.8%
Thursday	13	16.7%	52	16.3%	186	14.8%	917	15.5%	5	20.8%	1,160	15.4%	<b>1,173</b>	15.4%
Friday	14	17.9%	55	17.2%	242	19.2%	1,058	17.9%	3	12.5%	1,358	18.0%	<b>1,372</b>	18.0%
Saturday	15	19.2%	48	15.0%	180	14.3%	756	12.8%	2	8.3%	986	13.1%	<b>1,001</b>	13.2%
<b>Total</b>	<b>78</b>	<b>100%</b>	<b>320</b>	<b>100%</b>	<b>1,260</b>	<b>100%</b>	<b>5,927</b>	<b>100%</b>	<b>24</b>	<b>100%</b>	<b>7,531</b>	<b>100%</b>	<b>7,609</b>	<b>100%</b>

Table 5-4a  
Collision Victims by Day of Occurrence and Casualty Type: 2016-2020 Average

Day of the Week	2016-2020 Average Count of Victims							
	Killed	Serious Injury	Minor Injury	Minimal Injury	Other Injury	Total Injured	Total Victims	% of Total Victims
Sunday	16	61	202	803	19	1,085	<b>1,101</b>	9.8%
Monday	9	55	250	1,218	25	1,547	<b>1,556</b>	13.8%
Tuesday	9	53	251	1,397	22	1,723	<b>1,732</b>	15.4%
Wednesday	11	53	261	1,384	27	1,726	<b>1,737</b>	15.4%
Thursday	10	58	273	1,441	23	1,796	<b>1,806</b>	16.1%
Friday	12	65	307	1,498	28	1,898	<b>1,910</b>	17.0%
Saturday	14	63	256	1,053	23	1,395	<b>1,408</b>	12.5%
<b>Total</b>	<b>81</b>	<b>409</b>	<b>1,801</b>	<b>8,793</b>	<b>167</b>	<b>11,170</b>	<b>11,250</b>	<b>100%</b>

Note: Counts of victims in the 2016-2020 average may not add to the total due to rounding.

Table 5-5  
Collision Victims by Time of Occurrence and Casualty Type: 2021

Time of the Day	2021 Casualty Type												2021 Total Victims	% of 2021 Total Victims
	Killed	% of Total Killed	Serious Injury	% of Total Serious Injury	Minor Injury	% of Total Minor Injury	Minimal Injury	% of Total Minimal Injury	Other Injury	% of Total Other Injury	Total Injured	% of Total Injured		
00:00 - 02:59	8	10.3%	7	2.2%	43	3.4%	112	1.9%	0	-	162	2.2%	<b>170</b>	2.2%
03:00 - 05:59	3	3.8%	15	4.7%	26	2.1%	65	1.1%	1	4.2%	107	1.4%	<b>110</b>	1.4%
06:00 - 08:59	13	16.7%	47	14.7%	171	13.6%	738	12.5%	6	25.0%	962	12.8%	<b>975</b>	12.8%
09:00 - 11:59	7	9.0%	33	10.3%	141	11.2%	730	12.3%	2	8.3%	906	12.0%	<b>913</b>	12.0%
12:00 - 14:59	8	10.3%	54	16.9%	261	20.7%	1,215	20.5%	5	20.8%	1,535	20.4%	<b>1,543</b>	20.3%
15:00 - 17:59	16	20.5%	62	19.4%	338	26.8%	1,853	31.3%	5	20.8%	2,258	30.0%	<b>2,274</b>	29.9%
18:00 - 20:59	16	20.5%	65	20.3%	188	14.9%	844	14.2%	4	16.7%	1,101	14.6%	<b>1,117</b>	14.7%
21:00 - 23:59	7	9.0%	34	10.6%	81	6.4%	362	6.1%	0	-	477	6.3%	<b>484</b>	6.4%
Not Stated	0	-	3	0.9%	11	0.9%	8	0.1%	1	4.2%	23	0.3%	<b>23</b>	0.3%
<b>Total</b>	<b>78</b>	<b>100%</b>	<b>320</b>	<b>100%</b>	<b>1,260</b>	<b>100%</b>	<b>5,927</b>	<b>100%</b>	<b>24</b>	<b>100%</b>	<b>7,531</b>	<b>100%</b>	<b>7,609</b>	<b>100%</b>

Table 5-5a  
Collision Victims by Time of Occurrence and Casualty Type: 2016-2020 Average

Time of the Day	2016-2020 Average Count of Victims							
	Killed	Serious Injury	Minor Injury	Minimal Injury	Other Injury	Total Injured	Total Victims	% of Total Victims
00:00 - 02:59	8	21	53	153	4	231	239	2.1%
03:00 - 05:59	5	12	31	84	2	129	134	1.2%
06:00 - 08:59	8	40	228	1,150	23	1,441	1,450	12.9%
09:00 - 11:59	11	56	231	1,199	25	1,511	1,522	13.5%
12:00 - 14:59	12	75	351	1,756	34	2,216	2,228	19.8%
15:00 - 17:59	13	97	468	2,595	44	3,204	3,217	28.6%
18:00 - 20:59	14	64	275	1,205	24	1,568	1,581	14.1%
21:00 - 23:59	10	42	155	630	11	838	848	7.5%
Not Stated	0	3	9	20	0	32	32	0.3%
<b>Total</b>	<b>81</b>	<b>409</b>	<b>1,801</b>	<b>8,793</b>	<b>167</b>	<b>11,170</b>	<b>11,250</b>	<b>100%</b>

Note: Counts of victims in the 2016-2020 average may not add to the total due to rounding.

Table 5-6  
Collision Victims by Gender and Casualty Type: 2021

Gender	2021 Casualty Type												2021 Total Victims	% of 2021 Total Victims
	Killed	% of Total Killed	Serious Injury	% of Total Serious Injury	Minor Injury	% of Total Minor Injury	Minimal Injury	% of Total Minimal Injury	Other Injury	% of Total Other Injury	Total Injured	% of Total Injured		
Female	24	30.8%	136	44.6%	667	55.7%	3,330	58.0%	8	38.1%	4,141	57.0%	<b>4,165</b>	56.7%
Male	54	69.2%	169	55.4%	531	44.3%	2,410	42.0%	13	61.9%	3,123	43.0%	<b>3,177</b>	43.3%
Total	78	100%	305	100%	1,198	100%	5,740	100%	21	100%	7,264	100%	<b>7,342</b>	100%

Note: Some victims do not have age and gender recorded and are therefore missing from the table above.

Table 5-6a  
Collision Victims by Gender and Casualty Type: 2016-2020 Average

Gender	2016-2020 Average Count of Victims							
	Killed	Serious Injury	Minor Injury	Minimal Injury	Other Injury	Total Injured	Total Victims	% of Total Victims
Female	27	197	979	5,121	91	6,388	6,415	58.5%
Male	54	201	755	3,473	68	4,497	4,550	41.5%
Total	81	397	1,735	8,593	159	10,884	10,965	100%

Note: Counts of victims in the 2016-2020 average may not add to the total due to rounding.

Note: Some victims do not have age and gender recorded and are therefore missing from the table above.

Table 5-7  
Collision Victims by Age Group and Casualty Type: 2021

Age Group	2021 Casualty Type												2021 Total Victims	% of 2021 Total Victims
	Killed	% of Total Killed	Serious Injury	% of Total Serious Injury	Minor Injury	% of Total Minor Injury	Minimal Injury	% of Total Minimal Injury	Other Injury	% of Total Other Injury	Total Injured	% of Total Injured		
0-4	0	-	7	2.3%	23	1.9%	33	0.6%	0	-	63	0.9%	<b>63</b>	0.9%
5-9	0	-	3	1.0%	18	1.5%	45	0.8%	0	-	66	0.9%	<b>66</b>	0.9%
10-14	0	-	5	1.6%	26	2.2%	74	1.3%	0	-	105	1.4%	<b>105</b>	1.4%
15-19	7	9.0%	23	7.5%	120	10.1%	334	5.8%	2	9.5%	479	6.6%	<b>486</b>	6.6%
20-24	6	7.7%	38	12.5%	139	11.7%	594	10.4%	1	4.8%	772	10.6%	<b>778</b>	10.6%
25-34	19	24.4%	59	19.3%	203	17.0%	1,263	22.0%	6	28.6%	1,531	21.1%	<b>1,550</b>	21.1%
35-44	11	14.1%	46	15.1%	219	18.4%	1,148	20.0%	3	14.3%	1,416	19.5%	<b>1,427</b>	19.5%
45-54	7	9.0%	48	15.7%	165	13.8%	1,012	17.7%	2	9.5%	1,227	16.9%	<b>1,234</b>	16.8%
55-64	11	14.1%	35	11.5%	146	12.2%	707	12.3%	2	9.5%	890	12.3%	<b>901</b>	12.3%
65+	17	21.8%	41	13.4%	133	11.2%	523	9.1%	5	23.8%	702	9.7%	<b>719</b>	9.8%
Not Stated	0	-	0	-	6	-	7	-	0	-	13	-	<b>13</b>	-
<b>Total</b>	<b>78</b>	<b>100%</b>	<b>305</b>	<b>100%</b>	<b>1,198</b>	<b>100%</b>	<b>5,740</b>	<b>100%</b>	<b>21</b>	<b>100%</b>	<b>7,264</b>	<b>100%</b>	<b>7,342</b>	<b>100%</b>

\*Percentage of the total does not include the "not stated" category.

Note: Some victims do not have age and gender recorded and are therefore missing from the table above.

Table 5-7a  
Collision Victims by Age Group and Casualty Type: 2016-2020 Average

Age Group	2016-2020 Average Count of Victims							
	Killed	Serious Injury	Minor Injury	Minimal Injury	Other Injury	Total Injured	Total Victims	% of Total Victims
0-4	<1	5	35	93	2	136	136	1.2%
5-9	1	8	38	112	2	161	162	1.5%
10-14	2	6	41	138	2	188	190	1.7%
15-19	8	35	169	488	9	701	710	6.5%
20-24	9	42	196	850	14	1,103	1,111	10.2%
25-34	16	59	339	1,806	37	2,241	2,257	20.6%
35-44	11	54	275	1,729	28	2,085	2,096	19.2%
45-54	11	59	255	1,512	27	1,853	1,864	17.0%
55-64	11	54	206	1,125	20	1,405	1,415	12.9%
65+	12	73	173	718	16	981	993	9.1%
Not Stated	-	2	7	21	<1	31	31	-
Total	81	397	1,735	8,593	159	10,884	10,965	100%

\*Percentage of the total does not include the "not stated" category.

Note: Counts of victims in the 2016-2020 average may not add to the total due to rounding.

Note: Some victims do not have age and gender recorded and are therefore missing from the table above.

Table 5-8  
Collision Victims by Gender and Age Group and Casualty Type: 2021

Age Group		2021 Casualty Type											2021 Total Victims	% of 2021 Total Victims	
		Killed	% of Total Killed	Serious Injury	% of Total Serious Injury	Minor Injury	% of Total Minor Injury	Minimal Injury	% of Total Minimal Injury	Other Injury	% of Total Other Injury	Total Injured			% of Total Injured
Female	0-4	0	-	4	2.9%	11	1.7%	19	0.6%	0	-	34	0.8%	34	0.8%
	5-9	0	-	2	1.5%	9	1.4%	18	0.5%	0	-	29	0.7%	29	0.7%
	10-14	0	-	2	1.5%	18	2.7%	49	1.5%	0	-	69	1.7%	69	1.7%
	15-19	3	12.5%	14	10.3%	63	9.5%	190	5.7%	0	-	267	6.5%	270	6.5%
	20-24	1	4.2%	13	9.6%	77	11.6%	330	9.9%	0	-	420	10.2%	421	10.1%
	25-34	7	29.2%	24	17.6%	116	17.5%	766	23.0%	3	37.5%	909	22.0%	916	22.0%
	35-44	3	12.5%	25	18.4%	123	18.6%	685	20.6%	1	12.5%	834	20.2%	837	20.1%
	45-54	2	8.3%	13	9.6%	98	14.8%	580	17.4%	0	-	691	16.7%	693	16.7%
	55-64	5	20.8%	18	13.2%	78	11.8%	394	11.8%	1	12.5%	491	11.9%	496	11.9%
	65+	3	12.5%	21	15.4%	68	10.3%	296	8.9%	3	37.5%	388	9.4%	391	9.4%
	Not Stated	0	-	0	-	6	-	3	-	0	-	9	-	9	-
	<b>Total Female</b>	<b>24</b>	<b>100%</b>	<b>136</b>	<b>100%</b>	<b>667</b>	<b>100%</b>	<b>3,330</b>	<b>100%</b>	<b>8</b>	<b>100%</b>	<b>4,141</b>	<b>100%</b>	<b>4,165</b>	100%
Male	0-4	0	-	3	1.8%	12	2.3%	14	0.6%	0	-	29	0.9%	29	0.9%
	5-9	0	-	1	0.6%	9	1.7%	27	1.1%	0	-	37	1.2%	37	1.2%
	10-14	0	-	3	1.8%	8	1.5%	25	1.0%	0	-	36	1.2%	36	1.1%
	15-19	4	7.4%	9	5.3%	57	10.7%	144	6.0%	2	15.4%	212	6.8%	216	6.8%
	20-24	5	9.3%	25	14.8%	62	11.7%	264	11.0%	1	7.7%	352	11.3%	357	11.3%
	25-34	12	22.2%	35	20.7%	87	16.4%	497	20.7%	3	23.1%	622	19.9%	634	20.0%
	35-44	8	14.8%	21	12.4%	96	18.1%	463	19.2%	2	15.4%	582	18.7%	590	18.6%
	45-54	5	9.3%	35	20.7%	67	12.6%	432	18.0%	2	15.4%	536	17.2%	541	17.1%
	55-64	6	11.1%	17	10.1%	68	12.8%	313	13.0%	1	7.7%	399	12.8%	405	12.8%
	65+	14	25.9%	20	11.8%	65	12.2%	227	9.4%	2	15.4%	314	10.1%	328	10.3%
	Not Stated	0	-	0	-	0	-	4	-	0	-	4	-	4	-
	<b>Total Male</b>	<b>54</b>	<b>100%</b>	<b>169</b>	<b>100%</b>	<b>531</b>	<b>100%</b>	<b>2,410</b>	<b>100%</b>	<b>13</b>	<b>100%</b>	<b>3,123</b>	<b>100%</b>	<b>3,177</b>	100%

\*Percentage of the total does not include the "not stated" category.  
Note: Some victims do not have age and gender recorded and are therefore missing from the table above.

Table 5-8a  
Collision Victims by Gender and Age Group and Casualty Type: 2016-2020 Average

Age Group		2016-2020 Average Count of Victims							
		Killed	Serious Injury	Minor Injury	Minimal Injury	Other Injury	Total Injured	Total Victims	% of Total Victims
Female	0-4	<1	3	15	47	1	65	66	1.0%
	5-9	<1	4	17	59	1	81	82	1.3%
	10-14	1	4	24	81	1	109	110	1.7%
	15-19	2	19	104	294	5	423	425	6.6%
	20-24	3	19	113	510	8	651	654	10.2%
	25-34	6	28	201	1,075	22	1,325	1,331	20.8%
	35-44	3	29	158	1,025	15	1,227	1,231	19.2%
	45-54	3	27	142	925	16	1,109	1,112	17.4%
	55-64	3	26	109	665	12	811	814	12.7%
	65+	5	38	92	427	9	565	570	8.9%
	Not Stated	-	1	4	14	-	19	19	-
Total Female	27	197	979	5,121	91	6,388	6,415	100%	
Male	0-4	-	3	20	47	<1	70	70	1.6%
	5-9	<1	4	21	53	1	80	80	1.8%
	10-14	1	2	18	57	1	78	79	1.7%
	15-19	6	16	65	194	4	279	285	6.3%
	20-24	6	23	83	340	6	452	458	10.1%
	25-34	10	31	138	731	15	915	926	20.4%
	35-44	8	25	117	704	12	858	866	19.1%
	45-54	8	32	113	587	12	744	752	16.6%
	55-64	8	28	97	460	9	593	601	13.2%
	65+	7	35	82	291	7	415	422	9.3%
	Not Stated	-	1	3	7	<1	12	12	-
Total Male	54	201	755	3,473	68	4,497	4,550	100%	

\*Percentage of the total does not include the "not stated" category.

Note: Counts of victims in the 2016-2020 average may not add to the total due to rounding.

Note: Some victims do not have age and gender recorded and are therefore missing from the table above.

Table 5-9  
Victim Involvement Rate (per 100,000 people) by Gender and Age Group and Casualty Type: 2021, 2016-2020 Average

Age Group		2021 Casualty Type						2021 Total Victims	2016-2020 Average Victim Involvement Rate						
		Killed	Serious Injury	Minor Injury	Minimal Injury	Other Injury	Total Injured		Killed	Serious Injury	Minor Injury	Minimal Injury	Other Injury	Total Injured	Total Victims
Female	0-4	-	10.2	28.0	48.4	-	86.5	<b>86.5</b>	1.0	6.2	35.9	111.5	2.9	156.4	157.4
	5-9	-	4.8	21.6	43.1	-	69.5	<b>69.5</b>	1.4	9.3	40.1	138.1	2.3	189.9	191.3
	10-14	-	4.8	42.8	116.5	-	164.1	<b>164.1</b>	2.4	8.8	57.5	196.8	2.9	265.9	268.4
	15-19	7.7	35.9	161.7	487.6	-	685.2	<b>692.9</b>	5.9	47.3	256.6	724.1	13.3	1,041.3	1,047.2
	20-24	2.3	30.1	178.4	764.6	-	973.1	<b>975.4</b>	6.6	42.1	250.4	1,130.7	18.6	1,441.9	1,448.5
	25-34	7.8	26.6	128.6	848.9	3.3	1,007.4	<b>1,015.2</b>	5.8	28.9	207.2	1,108.7	22.7	1,367.4	1,373.2
	35-44	3.4	28.3	139.3	775.9	1.1	944.6	<b>948.0</b>	3.6	32.8	177.6	1,150.8	17.1	1,378.3	1,381.9
	45-54	2.5	16.3	122.8	726.7	-	865.8	<b>868.3</b>	3.5	31.1	166.4	1,080.3	18.2	1,296.0	1,299.5
	55-64	5.7	20.6	89.3	451.2	1.1	562.2	<b>568.0</b>	3.5	30.0	126.1	767.3	13.4	936.7	940.2
	65+	2.4	16.8	54.5	237.2	2.4	310.9	<b>313.3</b>	8.6	64.6	157.5	734.2	15.8	972.1	980.7
	<b>Total Female</b>	<b>3.6</b>	<b>20.1</b>	<b>98.7</b>	<b>492.8</b>	<b>1.2</b>	<b>612.9</b>	<b>616.4</b>	4.0	28.7	142.7	746.5	13.2	931.2	935.1
Male	0-4	-	7.3	29.2	34.0	-	70.5	<b>70.5</b>	-	6.3	46.1	105.3	1.4	159.0	159.0
	5-9	-	2.2	20.2	60.7	-	83.1	<b>83.1</b>	0.9	9.8	46.6	117.6	2.7	176.7	177.6
	10-14	-	6.8	18.1	56.6	-	81.5	<b>81.5</b>	2.3	5.6	40.9	133.3	2.3	182.1	184.4
	15-19	9.5	21.5	135.9	343.3	4.8	505.4	<b>515.0</b>	13.9	36.0	149.2	449.1	9.2	643.6	657.5
	20-24	10.4	51.8	128.5	547.1	2.1	729.5	<b>739.8</b>	11.7	48.1	173.9	711.0	12.1	945.1	956.8
	25-34	13.0	38.0	94.5	540.0	3.3	675.8	<b>688.8</b>	10.6	32.0	143.2	759.2	15.8	950.2	960.8
	35-44	9.3	24.3	111.1	536.0	2.3	673.7	<b>683.0</b>	9.0	28.2	131.4	793.2	14.0	966.8	975.8
	45-54	6.4	44.5	85.2	549.4	2.5	681.7	<b>688.0</b>	9.0	37.1	130.8	681.0	13.7	862.7	871.7
	55-64	7.0	20.0	79.9	367.7	1.2	468.8	<b>475.8</b>	8.8	32.4	111.8	532.5	10.0	686.6	695.4
	65+	13.4	19.2	62.4	217.7	1.9	301.2	<b>314.6</b>	14.6	73.3	169.8	606.5	14.6	864.1	878.7
	<b>Total Male</b>	<b>8.1</b>	<b>25.4</b>	<b>79.7</b>	<b>361.6</b>	<b>2.0</b>	<b>468.6</b>	<b>476.7</b>	7.9	29.6	111.5	512.7	10.1	663.9	671.8

Note: Counts of victims in the 2016-2020 average may not add to the total due to rounding.  
Note: Some victims do not have age and gender recorded and are therefore missing from the table above.

Table 5-10  
Collision Victims by Road User Class and Age Group and Casualty Type: 2021

Age Group		2021 Casualty Type											2021 Total Victims	% of 2021 Total Victims	
		Killed	% of Total Killed	Serious Injury	% of Total Serious Injury	Minor Injury	% of Total Minor Injury	Minimal Injury	% of Total Minimal Injury	Other Injury	% of Total Other Injury	Total Injured			% of Total Injured
Driver	0-4	0	-	0	-	0	-	0	-	0	-	0	-	0	-
	5-9	0	-	0	-	0	-	0	-	0	-	0	-	0	-
	10-14	0	-	1	0.5%	0	-	0	-	0	-	1	<0.1%	1	<0.1%
	15-19	2	5.3%	12	6.3%	82	10.2%	233	5.0%	1	10.0%	328	5.8%	330	5.8%
	20-24	1	2.6%	25	13.2%	89	11.1%	490	10.5%	2	20.0%	606	10.7%	607	10.6%
	25-34	12	31.6%	43	22.6%	156	19.4%	1,084	23.2%	3	30.0%	1,286	22.7%	1,298	22.7%
	35-44	7	18.4%	25	13.2%	158	19.6%	996	21.3%	1	10.0%	1,180	20.8%	1,187	20.8%
	45-54	2	5.3%	34	17.9%	118	14.7%	868	18.6%	1	10.0%	1,021	18.0%	1,023	17.9%
	55-64	4	10.5%	23	12.1%	104	12.9%	590	12.6%	0	-	717	12.6%	721	12.6%
	65+	10	26.3%	27	14.2%	98	12.2%	409	8.8%	2	20.0%	536	9.4%	546	9.6%
	Not Stated	0	-	0	-	0	-	2	-	0	-	2	-	2	-
<b>Total Drivers*</b>	<b>38</b>	<b>100%</b>	<b>190</b>	<b>100%</b>	<b>805</b>	<b>100%</b>	<b>4,672</b>	<b>100%</b>	<b>10</b>	<b>100%</b>	<b>5,677</b>	<b>100%</b>	<b>5,715</b>	100%	
Passenger	0-4	0	-	6	9.0%	26	9.2%	42	4.0%	0	-	74	5.3%	74	5.2%
	5-9	0	-	1	1.5%	15	5.3%	52	5.0%	0	-	68	4.9%	68	4.8%
	10-14	0	-	2	3.0%	29	10.2%	89	8.5%	0	-	120	8.6%	120	8.5%
	15-19	3	15.8%	8	11.9%	33	11.7%	98	9.4%	0	-	139	10.0%	142	10.0%
	20-24	3	15.8%	7	10.4%	32	11.3%	110	10.6%	0	-	149	10.7%	152	10.7%
	25-34	3	15.8%	13	19.4%	34	12.0%	169	16.2%	1	33.3%	217	15.6%	220	15.6%
	35-44	2	10.5%	9	13.4%	42	14.8%	145	13.9%	0	-	196	14.1%	198	14.0%
	45-54	2	10.5%	6	9.0%	25	8.8%	129	12.4%	1	33.3%	161	11.5%	163	11.5%
	55-64	3	15.8%	9	13.4%	20	7.1%	103	9.9%	0	-	132	9.5%	135	9.5%
	65+	3	15.8%	6	9.0%	27	9.5%	105	10.1%	1	33.3%	139	10.0%	142	10.0%
	Not Stated	0	-	0	-	16	-	45	-	0	-	61	-	61	-
<b>Total Passengers*</b>	<b>19</b>	<b>100%</b>	<b>67</b>	<b>100%</b>	<b>299</b>	<b>100%</b>	<b>1,087</b>	<b>100%</b>	<b>3</b>	<b>100%</b>	<b>1,456</b>	<b>100%</b>	<b>1,475</b>	100%	

Table 5-10  
Collision Victims by Road User Class and Age Group and Casualty Type: 2021 (continued)

Age Group		2021 Casualty Type											2021 Total Victims	% of 2021 Total Victims	
		Killed	% of Total Killed	Serious Injury	% of Total Serious Injury	Minor Injury	% of Total Minor Injury	Minimal Injury	% of Total Minimal Injury	Other Injury	% of Total Other Injury	Total Injured			% of Total Injured
Motorcyclist	0-4	0	-	0	-	0	-	0	-	0	-	0	-	0	-
	5-9	0	-	0	-	0	-	0	-	0	-	0	-	0	-
	10-14	0	-	0	-	0	-	0	-	0	-	0	-	0	-
	15-19	0	-	0	-	0	-	1	2.0%	0	-	1	0.7%	1	0.7%
	20-24	0	-	2	6.5%	9	17.0%	3	5.9%	0	-	14	10.3%	14	10.0%
	25-34	1	25.0%	0	-	8	15.1%	9	17.6%	0	-	17	12.5%	18	12.9%
	35-44	0	-	8	25.8%	6	11.3%	10	19.6%	0	-	24	17.6%	24	17.1%
	45-54	1	25.0%	9	29.0%	17	32.1%	11	21.6%	0	-	37	27.2%	38	27.1%
	55-64	2	50.0%	5	16.1%	12	22.6%	14	27.5%	1	100.0%	32	23.5%	34	24.3%
	65+	0	-	7	22.6%	1	1.9%	3	5.9%	0	-	11	8.1%	11	7.9%
	Not Stated	0	-	0	-	0	-	0	-	0	-	0	-	0	-
	<b>Total Motorcyclists*</b>	<b>4</b>	<b>100%</b>	<b>31</b>	<b>100%</b>	<b>53</b>	<b>100%</b>	<b>51</b>	<b>100%</b>	<b>1</b>	<b>100%</b>	<b>136</b>	<b>100%</b>	<b>140</b>	100%
Moped	0-4	0	-	0	-	0	-	0	-	0	-	0	-	0	-
	5-9	0	-	0	-	0	-	0	-	0	-	0	-	0	-
	10-14	0	-	0	-	0	-	0	-	0	-	0	-	0	-
	15-19	0	-	0	-	0	-	1	20.0%	0	-	1	16.7%	1	16.7%
	20-24	0	-	0	-	0	-	1	20.0%	0	-	1	16.7%	1	16.7%
	25-34	0	-	0	-	1	100.0%	1	20.0%	0	-	2	33.3%	2	33.3%
	35-44	0	-	0	-	0	-	0	-	0	-	0	-	0	-
	45-54	0	-	0	-	0	-	0	-	0	-	0	-	0	-
	55-64	0	-	0	-	0	-	2	40.0%	0	-	2	33.3%	2	33.3%
	65+	0	-	0	-	0	-	0	-	0	-	0	-	0	-
	Not Stated	0	-	0	-	0	-	0	-	0	-	0	-	0	-
	<b>Total Moped*</b>	<b>0</b>	<b>0%</b>	<b>0</b>	<b>0%</b>	<b>1</b>	<b>100%</b>	<b>5</b>	<b>100%</b>	<b>0</b>	<b>0%</b>	<b>6</b>	<b>100%</b>	<b>6</b>	100%

Table 5-10  
Collision Victims by Road User Class and Age Group and Casualty Type: 2021 (continued)

Age Group		2021 Casualty Type											2021 Total Victims	% of 2021 Total Victims	
		Killed	% of Total Killed	Serious Injury	% of Total Serious Injury	Minor Injury	% of Total Minor Injury	Minimal Injury	% of Total Minimal Injury	Other Injury	% of Total Other Injury	Total Injured			% of Total Injured
Bicyclist	0-4	0	-	0	-	1	3.0%	0	-	1	100.0%	2	2.7%	2	2.6%
	5-9	0	-	0	-	1	3.0%	0	-	0	-	1	1.4%	1	1.3%
	10-14	0	-	0	-	2	6.1%	0	-	0	-	2	2.7%	2	2.6%
	15-19	0	-	0	-	4	12.1%	2	6.1%	0	-	6	8.1%	6	7.9%
	20-24	1	50.0%	1	14.3%	6	18.2%	2	6.1%	0	-	9	12.2%	10	13.2%
	25-34	0	-	3	42.9%	6	18.2%	9	27.3%	0	-	18	24.3%	18	23.7%
	35-44	0	-	1	14.3%	3	9.1%	7	21.2%	0	-	11	14.9%	11	14.5%
	45-54	0	-	0	-	3	9.1%	3	9.1%	0	-	6	8.1%	6	7.9%
	55-64	0	-	1	14.3%	4	12.1%	8	24.2%	0	-	13	17.6%	13	17.1%
	65+	1	50.0%	1	14.3%	3	9.1%	2	6.1%	0	-	6	8.1%	7	9.2%
	Not Stated	0	-	0	-	0	-	0	-	0	-	0	-	0	-
	<b>Total Bicyclists*</b>	<b>2</b>	<b>100%</b>	<b>7</b>	<b>100%</b>	<b>33</b>	<b>100%</b>	<b>33</b>	<b>100%</b>	<b>1</b>	<b>100%</b>	<b>74</b>	<b>100%</b>	<b>76</b>	100%
Pedestrian	0-4	0	-	5	20.8%	1	2.1%	0	-	0	-	6	4.7%	6	4.2%
	5-9	0	-	2	8.3%	0	-	0	-	0	-	2	1.6%	2	1.4%
	10-14	0	-	2	8.3%	5	10.4%	1	2.2%	0	-	8	6.3%	8	5.6%
	15-19	2	13.3%	2	8.3%	3	6.3%	3	6.5%	1	11.1%	9	7.1%	11	7.7%
	20-24	1	6.7%	3	12.5%	6	12.5%	0	-	0	-	9	7.1%	10	7.0%
	25-34	3	20.0%	2	8.3%	5	10.4%	10	21.7%	2	22.2%	19	15.0%	22	15.5%
	35-44	2	13.3%	4	16.7%	10	20.8%	6	13.0%	2	22.2%	22	17.3%	24	16.9%
	45-54	2	13.3%	0	-	6	12.5%	14	30.4%	1	11.1%	21	16.5%	23	16.2%
	55-64	2	13.3%	0	-	6	12.5%	4	8.7%	1	11.1%	11	8.7%	13	9.2%
	65+	3	20.0%	4	16.7%	6	12.5%	8	17.4%	2	22.2%	20	15.7%	23	16.2%
	Not Stated	0	-	0	-	3	-	4	-	0	-	7	-	7	-
	<b>Total Pedestrians*</b>	<b>15</b>	<b>100%</b>	<b>24</b>	<b>100%</b>	<b>51</b>	<b>100%</b>	<b>50</b>	<b>100%</b>	<b>9</b>	<b>100%</b>	<b>134</b>	<b>100%</b>	<b>149</b>	100%

\*Percentage of the total does not include the "not stated" category.

Note: Counts for "Motorcyclist", "Bicyclist" and "Moped" include passengers on those vehicle types.

Note: In 2021: There is 1 victim in the class "Riding/hanging on" (i.e., not in the passenger compartment) who are not included in Table 5-1.0. This includes 1 person with minimal injuries.

Note: Some victims do not have their position in the vehicle recorded and are therefore missing from the table above. This includes 47 injured people (1 serious, 18 minor and 28 minimal injuries).

2021 Traffic Collision Statistics Report: Consolidated Tables

Table 5-10a  
Collision Victims by Road User Class and Age Group and Casualty Type: 2016-2020 Average

Age Group		2016-2020 Average Count of Victims							
		Killed	Serious Injury	Minor Injury	Minimal Injury	Other Injury	Total Injured	Total Victims	% of Total Victims
Driver	0-4	-	-	-	-	-	-	-	-
	5-9	-	-	-	-	-	-	-	-
	10-14	<1	<1	<1	-	<1	<1	1	<0.1%
	15-19	5	19	106	330	6	461	466	5.5%
	20-24	5	26	138	695	11	870	875	10.4%
	25-34	8	39	255	1,526	29	1,849	1,857	22.0%
	35-44	6	35	205	1,499	22	1,761	1,767	21.0%
	45-54	6	39	190	1,297	22	1,549	1,555	18.5%
	55-64	6	34	150	944	12	1,140	1,146	13.6%
	65+	7	47	119	573	12	751	758	9.0%
	Not Stated	-	-	1	3	-	4	4	-
	Total Drivers*	43	239	1,164	6,867	115	8,386	8,428	100%
Passenger	0-4	<1	7	34	94	2	137	137	6.3%
	5-9	<1	7	33	113	2	154	155	7.1%
	10-14	1	5	36	141	1	184	185	8.5%
	15-19	2	11	53	155	3	222	224	10.3%
	20-24	2	10	42	144	3	198	200	9.2%
	25-34	4	11	59	259	7	335	339	15.5%
	35-44	2	11	47	212	4	274	276	12.6%
	45-54	2	10	39	196	3	248	251	11.5%
	55-64	<1	10	36	161	4	211	211	9.7%
	65+	2	16	43	141	2	202	204	9.4%
	Not Stated	-	3	24	81	1	109	109	-
	Total Passengers*	17	101	447	1,695	31	2,275	2,292	100%
Motorcyclist	0-4	-	-	-	-	-	-	-	-
	5-9	-	-	-	-	-	-	-	-
	10-14	-	-	<1	-	-	<1	<1	0.2%
	15-19	-	1	2	2	-	4	4	3.3%
	20-24	<1	3	5	6	<1	13	14	10.4%
	25-34	<1	5	8	10	<1	23	24	18.1%
	35-44	<1	4	7	8	-	19	19	14.8%
	45-54	<1	5	12	11	<1	28	29	21.9%
	55-64	2	7	10	12	-	28	30	23.0%
	65+	1	4	3	3	-	10	11	8.4%
	Not Stated	-	<1	-	<1	-	<1	<1	-
	Total Motorcyclists*	5	27	46	52	<1	126	132	100%

2021 Traffic Collision Statistics Report: Consolidated Tables  
Table 5-10a (cont'd)

Collision Victims by Road User Class and Age Group and Casualty Type: 2016-2020 Average (continued)

Age Group		2016-2020 Average Count of Victims							
		Killed	Serious Injury	Minor Injury	Minimal Injury	Other Injury	Total Injured	Total Victims	% of Total Victims
Moped	0-4	-	-	-	-	-	-	-	-
	5-9	-	-	-	-	-	-	-	-
	10-14	-	-	-	-	-	-	-	-
	15-19	-	<1	<1	-	-	<1	<1	4.0%
	20-24	-	<1	<1	<1	-	<1	<1	6.0%
	25-34	-	<1	1	1	-	3	3	26.0%
	35-44	-	<1	1	1	-	2	2	22.0%
	45-54	-	<1	<1	<1	-	2	2	18.0%
	55-64	-	<1	<1	1	-	2	2	16.0%
	65+	-	<1	<1	<1	<1	<1	<1	8.0%
	Not Stated	-	-	-	-	-	-	-	-
	Total Moped*	-	2	4	4	<1	10	10	100%
Bicyclist	0-4	-	<1	2	4	1	8	8	7.1%
	5-9	-	<1	1	<1	-	2	2	1.7%
	10-14	<1	<1	3	2	<1	6	7	6.2%
	15-19	<1	<1	4	4	<1	9	9	8.8%
	20-24	-	<1	6	5	<1	12	12	11.2%
	25-34	-	2	7	10	1	20	20	18.7%
	35-44	<1	1	6	7	1	16	16	15.1%
	45-54	<1	1	6	7	1	15	16	14.8%
	55-64	<1	2	4	4	<1	12	12	11.4%
	65+	<1	2	2	1	<1	5	5	5.0%
	Not Stated	-	-	<1	-	-	<1	<1	-
	Total Bicyclists*	2	10	42	46	7	105	107	100%
Pedestrian	0-4	<1	<1	2	1	<1	4	5	2.7%
	5-9	<1	1	3	<1	<1	5	5	3.0%
	10-14	-	1	4	1	-	6	6	3.4%
	15-19	1	3	6	4	<1	13	14	8.3%
	20-24	2	3	7	5	<1	16	18	10.2%
	25-34	3	3	14	10	1	28	31	18.0%
	35-44	3	4	10	9	<1	24	27	15.4%
	45-54	1	3	9	8	<1	22	23	13.1%
	55-64	2	2	9	7	3	21	23	13.2%
	65+	2	5	9	5	1	20	22	12.7%
	Not Stated	-	<1	2	3	2	8	8	-
	Total Pedestrians*	13	27	74	55	11	167	180	100%

\*Percentage of the total does not include the "not stated" category.

Note: Counts for "Motorcyclist", "Bicyclist" and "Moped" include passengers on those vehicle types.

Note: Counts of victims in the 2016-2020 average may not add to the total due to rounding.

Note: In 2016-2020, there is an average of 32 victims in the class "Riding/Hanging On". There is also an average of 82 victims whose Road User Class cannot be determined. These victims are not included in Table 5-10a.

Table 5-11  
Collision Victims by Collision Type and Casualty Type: 2021

Collision Type	2021 Casualty Type												2021 Total Victims	% of 2021 Total Victims
	Killed	% of Total Killed	Serious Injury	% of Total Serious Injury	Minor Injury	% of Total Minor Injury	Minimal Injury	% of Total Minimal Injury	Other Injury	% of Total Other Injury	Total Injured	% of Total Injured		
Collision with pedestrian	9	11.5%	17	5.3%	28	2.2%	29	0.5%	5	20.8%	79	1.0%	<b>88</b>	1.2%
Collision with other motor vehicle	41	52.6%	163	50.9%	932	74.0%	5,000	84.4%	10	41.7%	6,105	81.1%	<b>6,146</b>	80.8%
Collisions with train	0	-	0	-	0	-	0	-	0	-	0	-	<b>0</b>	-
Collision with motorcycle	0	-	2	0.6%	1	<0.1%	5	<0.1%	0	-	8	0.1%	<b>8</b>	0.1%
Collision with animal drawn vehicle	0	-	0	-	0	-	0	-	0	-	0	-	<b>0</b>	-
Collision with bicycle	2	2.6%	5	1.6%	16	1.3%	14	0.2%	1	4.2%	36	0.5%	<b>38</b>	0.5%
Collision with animal	0	-	14	4.4%	34	2.7%	376	6.3%	0	-	424	5.6%	<b>424</b>	5.6%
Collision with fixed object	11	14.1%	75	23.4%	160	12.7%	333	5.6%	5	20.8%	573	7.6%	<b>584</b>	7.7%
Collision with other object	14	17.9%	38	11.9%	72	5.7%	137	2.3%	3	12.5%	250	3.3%	<b>264</b>	3.5%
Overturned in roadway	0	-	2	0.6%	6	0.5%	2	<0.1%	0	-	10	0.1%	<b>10</b>	0.1%
Ran off roadway	1	1.3%	4	1.3%	0	-	0	-	0	-	4	<0.1%	<b>5</b>	<0.1%
Collision with moped	0	-	0	-	0	-	0	-	0	-	0	-	<b>0</b>	-
Other non-collision	0	-	0	-	11	0.9%	31	0.5%	0	-	42	0.6%	<b>42</b>	0.6%
<b>Total</b>	<b>78</b>	<b>100%</b>	<b>320</b>	<b>100%</b>	<b>1,260</b>	<b>100%</b>	<b>5,927</b>	<b>100%</b>	<b>24</b>	<b>100%</b>	<b>7,531</b>	<b>100%</b>	<b>7,609</b>	<b>100%</b>

Table 5-11a  
Collision Victims by Collision Type and Casualty Type: 2016-2020 Average

Collision Type	2016-2020 Average Count of Victims							
	Killed	Serious Injury	Minor Injury	Minimal Injury	Other Injury	Total Injured	Total Victims	% of Total Victims
Collision with pedestrian	4	11	33	28	7	79	83	0.7%
Collision with other motor vehicle	42	248	1,334	7,569	137	9,288	9,330	82.9%
Collisions with train	<1	<1	<1	<1	-	2	2	<0.1%
Collision with motorcycle	<1	2	2	4	<1	9	9	<0.1%
Collision with animal drawn vehicle	-	-	-	-	-	-	-	-
Collision with bicycle	<1	5	19	29	2	55	56	0.5%
Collision with animal	<1	11	39	354	4	407	408	3.6%
Collision with fixed object	16	88	260	523	10	881	897	8.0%
Collision with other object	12	33	89	236	5	362	375	3.3%
Overtuned in roadway	<1	2	6	6	-	13	14	0.1%
Ran off roadway	3	4	4	2	<1	10	13	0.1%
Collision with moped	-	<1	<1	<1	-	<1	<1	<0.1%
Other non-collision	1	4	15	43	2	64	65	0.6%
Total	81	409	1,801	8,793	167	11,170	11,250	100%

Note: Counts of victims in the 2016-2020 average may not add to the total due to rounding.

Table 5-12  
Collision Victims by Accident Configuration and Casualty Type: 2021

Accident Configuration	2021 Casualty Type												2021 Total Victims	% of 2021 Total Victims
	Killed	% of Total Killed	Serious Injury	% of Total Serious Injury	Minor Injury	% of Total Minor Injury	Minimal Injury	% of Total Minimal Injury	Other Injury	% of Total Other Injury	Total Injured	% of Total Injured		
Rear End	0	-	30	13.8%	248	24.9%	2,516	50.6%	0	-	2,794	45.1%	<b>2,794</b>	44.7%
Head On	9	20.5%	13	6.0%	17	1.7%	54	1.1%	0	-	84	1.4%	<b>93</b>	1.5%
Side Swipe Opposing	1	2.3%	2	0.9%	13	1.3%	51	1.0%	0	-	66	1.1%	<b>67</b>	1.1%
Side Swipe Same Direction	1	2.3%	4	1.8%	35	3.5%	308	6.2%	1	5.9%	348	5.6%	<b>349</b>	5.6%
Overtaking	0	-	1	0.5%	4	0.4%	13	0.3%	0	-	18	0.3%	<b>18</b>	0.3%
Right Turn - Same direction	0	-	2	0.9%	3	0.3%	25	0.5%	0	-	30	0.5%	<b>30</b>	0.5%
Right Turn - Opposing	0	-	0	-	0	-	8	0.2%	0	-	8	0.1%	<b>8</b>	0.1%
Left Turn - Opposing	0	-	6	2.8%	45	4.5%	144	2.9%	1	5.9%	196	3.2%	<b>196</b>	3.1%
Left Turn - Same direction	0	-	0	-	3	0.3%	17	0.3%	0	-	20	0.3%	<b>20</b>	0.3%
Left Turn - Across	0	-	8	3.7%	44	4.4%	189	3.8%	1	5.9%	242	3.9%	<b>242</b>	3.9%
Intersection 90°	6	13.6%	63	28.9%	364	36.5%	1,194	24.0%	2	11.8%	1,623	26.2%	<b>1,629</b>	26.1%
Off Road Right	8	18.2%	23	10.6%	61	6.1%	93	1.9%	4	23.5%	181	2.9%	<b>189</b>	3.0%
Off Road Left	1	2.3%	25	11.5%	43	4.3%	68	1.4%	0	-	136	2.2%	<b>137</b>	2.2%
Fixed Object	7	15.9%	21	9.6%	54	5.4%	170	3.4%	0	-	245	4.0%	<b>252</b>	4.0%
Parking	0	-	1	0.5%	14	1.4%	69	1.4%	0	-	84	1.4%	<b>84</b>	1.3%
Pedestrian	11	25.0%	19	8.7%	49	4.9%	50	1.0%	8	47.1%	126	2.0%	<b>137</b>	2.2%
Other	34	-	102	-	263	-	958	-	7	-	1,330	-	<b>1,364</b>	-
<b>Total</b>	<b>78</b>	<b>100%</b>	<b>320</b>	<b>100%</b>	<b>1,260</b>	<b>100%</b>	<b>5,927</b>	<b>100%</b>	<b>24</b>	<b>100%</b>	<b>7,531</b>	<b>100%</b>	<b>7,609</b>	<b>100%</b>

Note: "Other" accident configurations consist primarily of collisions involving more than one configuration or sequence of events. Calculations in "% of Total" exclude the "Other" category.

Table 5-12a  
Collision Victims by Accident Configuration and Casualty Type: 2016-2020 Average

Accident Configuration	2016-2020 Average Count of Victims							
	Killed	Serious Injury	Minor Injury	Minimal Injury	Other Injury	Total Injured	Total Victims	% of Total Victims
Rear End	2	40	371	4,161	74	4,646	4,649	48.4%
Head On	13	25	49	81	3	158	171	1.8%
Side Swipe Opposing	-	3	14	66	<1	83	83	0.9%
Side Swipe Same Direction	<1	11	51	471	7	540	540	5.6%
Overtaking	-	1	5	26	<1	32	32	0.3%
Right Turn - Same direction	<1	-	7	25	1	33	33	0.3%
Right Turn - Opposing	-	<1	3	9	<1	12	12	0.1%
Left Turn - Opposing	1	13	77	195	4	289	290	3.0%
Left Turn - Same direction	-	<1	5	32	<1	38	38	0.4%
Left Turn - Across	<1	11	55	205	4	275	275	2.9%
Intersection 90°	8	103	553	1,649	27	2,332	2,341	24.4%
Off Road Right	4	30	96	147	2	275	279	2.9%
Off Road Left	2	23	72	95	1	192	194	2.0%
Fixed Object	3	27	84	273	7	391	394	4.1%
Parking	<1	2	14	124	1	142	142	1.5%
Pedestrian	5	17	51	56	7	131	136	1.4%
Other	40	101	294	1,177	28	1,600	1,640	-
Total	81	409	1,801	8,793	167	11,170	11,250	100%

Note: Counts of victims in the 2016-2020 average may not add to the total due to rounding.  
 Note: "Other" accident configurations consist primarily of collisions involving more than one configuration or sequence of events.  
 Calculations in "% of Total" exclude the "Other" category.

Table 5-13  
Collision Victims by Provincial Location and Casualty Type: 2021

Location	2021 Casualty Type												2021 Total Victims	% of 2021 Total Victims
	Killed	% of Total Killed	Serious Injury	% of Total Serious Injury	Minor Injury	% of Total Minor Injury	Minimal Injury	% of Total Minimal Injury	Other Injury	% of Total Other Injury	Total Injured	% of Total Injured		
Winnipeg	7	9.0%	113	35.3%	650	51.6%	4,549	76.8%	11	45.8%	5,323	70.7%	<b>5,330</b>	70.0%
Brandon	0	-	9	2.8%	40	3.2%	123	2.1%	2	8.3%	174	2.3%	<b>174</b>	2.3%
Portage	1	1.3%	7	2.2%	14	1.1%	26	0.4%	0	-	47	0.6%	<b>48</b>	0.6%
Flin Flon	0	-	0	-	1	<0.1%	5	<0.1%	0	-	6	<0.1%	<b>6</b>	<0.1%
Dauphin	1	1.3%	1	0.3%	9	0.7%	14	0.2%	0	-	24	0.3%	<b>25</b>	0.3%
Thompson	0	-	2	0.6%	9	0.7%	17	0.3%	0	-	28	0.4%	<b>28</b>	0.4%
The Pas	1	1.3%	0	-	3	0.2%	6	0.1%	0	-	9	0.1%	<b>10</b>	0.1%
Selkirk	0	-	4	1.3%	24	1.9%	35	0.6%	1	4.2%	64	0.8%	<b>64</b>	0.8%
Other Urban	19	24.4%	58	18.1%	145	11.5%	349	5.9%	4	16.7%	556	7.4%	<b>575</b>	7.6%
All Rural	49	62.8%	126	39.4%	365	29.0%	803	13.5%	6	25.0%	1,300	17.3%	<b>1,349</b>	17.7%
<b>Total</b>	<b>78</b>	<b>100%</b>	<b>320</b>	<b>100%</b>	<b>1,260</b>	<b>100%</b>	<b>5,927</b>	<b>100%</b>	<b>24</b>	<b>100%</b>	<b>7,531</b>	<b>100%</b>	<b>7,609</b>	<b>100%</b>

Table 5-13a  
Collision Victims by Provincial Location and Casualty Type: 2016-2020 Average

Location	2016-2020 Average Count of Victims							
	Killed	Serious Injury	Minor Injury	Minimal Injury	Other Injury	Total Injured	Total Victims	% of Total Victims
Winnipeg	14	176	1,021	7,133	135	8,465	8,478	75.4%
Brandon	<1	11	62	164	3	241	242	2.2%
Portage	2	5	19	42	1	67	69	0.6%
Flin Flon	<1	<1	3	2	<1	6	6	<0.1%
Dauphin	<1	2	8	19	1	30	30	0.3%
Thompson	<1	3	13	21	2	39	40	0.4%
The Pas	-	-	7	6	<1	13	13	0.1%
Selkirk	<1	4	20	54	<1	79	79	0.7%
Other Urban	15	53	186	484	10	733	748	6.7%
All Rural	47	155	460	868	13	1,497	1,544	13.7%
Total	81	409	1,801	8,793	167	11,170	11,250	100%

Note: Counts of victims in the 2016-2020 average may not add to the total due to rounding.

Table 5-14  
Collision Victims by Safety Equipment Use and Casualty Type: 2021

Safety Equipment	2021 Casualty Type												2021 Total Victims	% of 2021 Total Victims
	Killed	% of Total Killed	Serious Injury	% of Total Serious Injury	Minor Injury	% of Total Minor Injury	Minimal Injury	% of Total Minimal Injury	Other Injury	% of Total Other Injury	Total Injured	% of Total Injured		
Lap belt only installed - In use	1	1.6%	5	1.7%	7	0.6%	52	0.9%	0	-	64	0.9%	<b>65</b>	0.9%
Lap belt only installed - Not in use	2	3.3%	0	-	6	0.5%	14	0.2%	0	-	20	0.3%	<b>22</b>	0.3%
Shoulder belt only installed - In use	2	3.3%	0	-	1	<0.1%	38	0.7%	0	-	39	0.5%	<b>41</b>	0.6%
Shoulder belt only installed - Not in use	0	-	1	0.3%	8	0.7%	9	0.2%	0	-	18	0.2%	<b>18</b>	0.2%
Lap and shoulder belt assembly - In use	6	9.8%	103	35.8%	563	48.6%	4,750	81.7%	4	28.6%	5,420	74.5%	<b>5,426</b>	74.0%
Combined belt installed - Not in use	4	6.6%	10	3.5%	16	1.4%	17	0.3%	1	7.1%	44	0.6%	<b>48</b>	0.7%
Only lap part of full assembly in use	0	-	0	-	1	<0.1%	13	0.2%	0	-	14	0.2%	<b>14</b>	0.2%
Air bag deployed - Safety belt in use	3	4.9%	106	36.8%	439	37.9%	755	13.0%	3	21.4%	1,303	17.9%	<b>1,306</b>	17.8%
Air bag deployed - Safety belt not in use	5	8.2%	7	2.4%	16	1.4%	11	0.2%	1	7.1%	35	0.5%	<b>40</b>	0.5%
Safety seat properly installed - In use	0	-	1	0.3%	24	2.1%	49	0.8%	0	-	74	1.0%	<b>74</b>	1.0%
Safety seat improperly installed - In use	0	-	0	-	4	0.3%	9	0.2%	0	-	13	0.2%	<b>13</b>	0.2%
Safety seat installed - Not in use	0	-	2	0.7%	3	0.3%	2	<0.1%	0	-	7	<0.1%	<b>7</b>	<0.1%
Safety helmet worn	1	1.6%	28	9.7%	45	3.9%	50	0.9%	1	7.1%	124	1.7%	<b>125</b>	1.7%
Safety helmet not worn	0	-	2	0.7%	0	-	2	<0.1%	0	-	4	<0.1%	<b>4</b>	<0.1%
No safety device available	1	1.6%	3	1.0%	0	-	2	<0.1%	1	7.1%	6	<0.1%	<b>7</b>	<0.1%
Other	0	-	2	0.7%	7	0.6%	12	0.2%	0	-	21	0.3%	<b>21</b>	0.3%
Not Applicable	0	-	4	1.4%	8	0.7%	20	0.3%	1	7.1%	33	0.5%	<b>33</b>	0.4%
Unknown	36	59.0%	14	4.9%	10	0.9%	10	0.2%	2	14.3%	36	0.5%	<b>72</b>	1.0%
<b>Total</b>	<b>61</b>	<b>100%</b>	<b>288</b>	<b>100%</b>	<b>1,158</b>	<b>100%</b>	<b>5,815</b>	<b>100%</b>	<b>14</b>	<b>100%</b>	<b>7,275</b>	<b>100%</b>	<b>7,336</b>	<b>100%</b>

Note: Vehicle occupants (Road User Class = Driver, Passenger) plus Motorcyclists and Moped riders and their passengers.

Table 5-14a  
Collision Victims by Safety Equipment Use and Casualty Type: 2016-2020 Average

Safety Equipment	2016-2020 Average Count of Victims							
	Killed	Serious Injury	Minor Injury	Minimal Injury	Other Injury	Total Injured	Total Victims	% of Total Victims
Lap belt only installed - In use	2	3	12	69	3	87	89	0.8%
Lap belt only installed - Not in use	1	4	5	20	<1	29	30	0.3%
Shoulder belt only installed - In use	1	2	6	33	5	47	48	0.4%
Shoulder belt only installed - Not in use	2	3	6	13	<1	22	24	0.2%
Lap and shoulder belt assembly - In use	13	161	963	7,355	113	8,591	8,604	79.2%
Combined belt installed - Not in use	10	5	17	23	-	45	55	0.5%
Only lap part of full assembly in use	<1	<1	1	19	<1	21	22	0.2%
Air bag deployed - Safety belt in use	9	133	515	799	15	1,462	1,471	13.5%
Air bag deployed - Safety belt not in use	6	5	12	9	<1	26	32	0.3%
Safety seat properly installed - In use	<1	7	49	160	3	219	219	2.0%
Safety seat improperly installed - In use	-	1	2	11	<1	14	14	0.1%
Safety seat installed - Not in use	<1	<1	<1	2	-	3	3	<0.1%
Safety helmet worn	4	27	45	53	1	126	129	1.2%
Safety helmet not worn	1	1	1	<1	-	3	4	<0.1%
No safety device available	2	1	2	3	<1	6	8	<0.1%
Other	1	1	6	8	<1	16	17	0.2%
Not Applicable	<1	3	8	26	2	38	39	0.4%
Unknown	12	12	10	17	3	41	53	0.5%
<b>Total</b>	<b>65</b>	<b>368</b>	<b>1,662</b>	<b>8,619</b>	<b>147</b>	<b>10,797</b>	<b>10,862</b>	<b>100%</b>

Note: Counts of victims in the 2016-2020 average may not add to the total due to rounding.

Note: Vehicle occupants (Road User Class = Driver, Passenger) plus Motorcyclists and Moped riders and their passengers.

Table 5-15  
Safety Equipment Effectiveness - Ratio of Victims Killed and Injured While 'Not Using Safety Equipment' to 'Using Safety Equipment': 2021

Safety Equipment Use	Total Casualties	Killed	% of Total Casualties	Serious Injury	% of Total Casualties	Minor/ Minimal Injury	% of Total Casualties	Other Injury	% of Total Casualties
Equipment <u>not</u> in use	146	12	8.2%	25	17.1%	106	72.6%	3	2.1%
Equipment in use	7,064	13	0.2%	243	3.4%	6,800	96.3%	8	0.1%
<b>Safety Equipment Effectiveness*</b>			<b>44.66</b>		<b>4.98</b>		<b>0.75</b>		<b>18.14</b>

\*Ratio of % not using equipment over the % using equipment.

Table 5-16  
Vehicle Occupant Victims by Ejection from Vehicle and Casualty Type: 2021

Ejection	2021 Casualty Type												2021 Total Victims	% of 2021 Total Victims
	Killed	% of Total Killed	Serious Injury	% of Total Serious Injury	Minor Injury	% of Total Minor Injury	Minimal Injury	% of Total Minimal Injury	Other Injury	% of Total Other Injury	Total Injured	% of Total Injured		
Not Ejected	48	84.2%	236	91.8%	1,083	98.1%	5,717	99.3%	10	76.9%	7,046	98.8%	<b>7,094</b>	98.7%
Fully Ejected	9	15.8%	18	7.0%	18	1.6%	33	0.6%	2	15.4%	71	1.0%	<b>80</b>	1.1%
Partially Ejected	0	-	3	1.2%	3	0.3%	9	0.2%	1	7.7%	16	0.2%	<b>16</b>	0.2%
Total	57	100%	257	100%	1,104	100%	5,759	100%	13	100%	7,133	100%	<b>7,190</b>	100%

NOTE: Vehicle occupants (Drivers and Passengers; excluding Motorcyclist, Moped riders and passengers).

Table 5-16a  
Vehicle Occupant Victims by Ejection from Vehicle and Casualty Type: 2016-2020 Average

Ejection	2016-2020 Average Count of Victims							
	Killed	Serious Injury	Minor Injury	Minimal Injury	Other Injury	Total Injured	Total Victims	% of Total Victims
Not Ejected	41	322	1,594	8,509	145	10,570	10,611	99.0%
Fully Ejected	15	13	15	38	2	67	82	0.8%
Partially Ejected	3	4	3	16	0	23	26	0.2%
Total	59	340	1,612	8,563	146	10,660	10,720	100%

Note: Counts of victims in the 2016-2020 average may not add to the total due to rounding.  
Note: Vehicle occupants (Drivers and Passengers; excluding Motorcyclist, Moped riders and passengers).

## Section 6: Pedestrian Victims

Table 6-1  
 Historical Summary of Pedestrians Killed and Injured in Traffic Collisions: 2011 to 2021

Year	Casualty Type												Total Victims	% change to previous year
	Killed	% change to previous year	Serious Injury	% change to previous year	Minor Injury	% change to previous year	Minimal Injury	% change to previous year	Other Injury	% change to previous year	Total Injured	% change to previous year		
2011	10	-	24	-	130	-	62	-	114	-	330	-	340	-
2012	13	30.0%	21	-12.5%	90	-30.8%	40	-35.5%	12	-89.5%	163	-50.6%	176	-48.2%
2013	10	-23.1%	22	4.8%	49	-45.6%	25	-37.5%	10	-16.7%	106	-35.0%	116	-34.1%
2014	11	10.0%	22	0.0%	68	38.8%	38	52.0%	9	-10.0%	137	29.2%	148	27.6%
2015	9	-18.2%	18	-18.2%	51	-25.0%	40	5.3%	12	33.3%	121	-11.7%	130	-12.2%
2016	13	44.4%	27	50.0%	49	-3.9%	54	35.0%	29	141.7%	159	31.4%	172	32.3%
2017	12	-7.7%	22	-18.5%	78	59.2%	56	3.7%	11	-62.1%	167	5.0%	179	4.1%
2018	13	8.3%	36	63.6%	103	32.1%	71	26.8%	4	-63.6%	214	28.1%	227	26.8%
2019	16	23.1%	31	-13.9%	87	-15.5%	65	-8.5%	6	50.0%	189	-11.7%	205	-9.7%
2020	13	-18.8%	21	-32.3%	52	-40.2%	30	-53.8%	3	-50.0%	106	-43.9%	119	-42.0%
<b>2021</b>	<b>15</b>	<b>15.4%</b>	<b>24</b>	<b>14.3%</b>	<b>51</b>	<b>-1.9%</b>	<b>50</b>	<b>66.7%</b>	<b>9</b>	<b>200.0%</b>	<b>134</b>	<b>26.4%</b>	<b>149</b>	<b>25.2%</b>
2016-2020 Average*	13	11.9%	27	-12.4%	74	-30.9%	55	-9.4%	11	-15.1%	167	-19.8%	180	-17.4%

\* "% change" in this line compares the current year to the 5-year average

Table 6-2  
 Historical Summary of Pedestrian Involvement Rates (per 100,000 people) in Traffic Collisions: 2011 to 2021

Year	Casualty Type												Total Victims	% change to previous year
	Killed	% change to previous year	Serious Injury	% change to previous year	Minor Injury	% change to previous year	Minimal Injury	% change to previous year	Other Injury	% change to previous year	Total Injured	% change to previous year		
2011	0.8	-	1.9	-	10.4	-	5.0	-	9.1	-	26.4	-	27.2	-
2012	1.0	27.9%	1.7	-13.9%	7.1	-31.9%	3.1	-36.5%	0.9	-89.6%	12.8	-51.4%	13.8	-49.1%
2013	0.8	-24.1%	1.7	3.3%	3.8	-46.3%	1.9	-38.4%	0.8	-17.8%	8.2	-35.9%	9.0	-35.0%
2014	0.8	8.6%	1.7	-1.3%	5.2	37.0%	2.9	50.0%	0.7	-11.2%	10.5	27.6%	11.3	25.9%
2015	0.7	-19.1%	1.4	-19.1%	3.9	-25.8%	3.0	4.1%	0.9	31.9%	9.2	-12.6%	9.8	-13.1%
2016	1.0	42.4%	2.0	47.9%	3.7	-5.3%	4.0	33.1%	2.2	138.2%	11.9	29.5%	12.8	30.4%
2017	0.9	-8.9%	1.6	-19.6%	5.7	57.1%	4.1	2.4%	0.8	-62.6%	12.3	3.7%	13.2	2.7%
2018	1.0	8.1%	2.6	63.2%	7.6	31.7%	5.2	26.5%	0.3	-63.7%	15.7	27.8%	16.7	26.5%
2019	1.2	22.0%	2.3	-14.7%	6.3	-16.3%	4.7	-9.3%	0.4	48.7%	13.8	-12.5%	14.9	-10.5%
2020	0.9	-19.6%	1.5	-33.0%	3.7	-40.8%	2.2	-54.3%	0.2	-50.5%	7.6	-44.5%	8.6	-42.5%
<b>2021</b>	<b>1.1</b>	<b>19.2%</b>	<b>1.8</b>	<b>18.1%</b>	<b>3.8</b>	<b>1.4%</b>	<b>3.7</b>	<b>72.2%</b>	<b>0.7</b>	<b>210.0%</b>	<b>10.0</b>	<b>30.6%</b>	<b>11.1</b>	<b>29.4%</b>
2016-2020 Average*	1.0	13.7%	2.0	-11.1%	5.4	-29.8%	4.1	-8.1%	0.8	-14.5%	12.3	-18.6%	13.2	-16.2%

\* "% change" in this line compares the current year to the 5-year average

Table 6-3  
Total Pedestrians Killed and Injured by Month of Occurrence and Casualty Type: 2021

Month of Occurrence	2021 Casualty Type												2021 Total Victims	% of 2021 Total Victims
	Killed	% of Total Killed	Serious Injury	% of Total Serious Injury	Minor Injury	% of Total Minor Injury	Minimal Injury	% of Total Minimal Injury	Other Injury	% of Total Other Injury	Total Injured	% of Total Injured		
January	1	6.7%	1	4.2%	2	3.9%	3	6.0%	1	11.1%	7	5.2%	8	5.4%
February	0	-	3	12.5%	1	2.0%	3	6.0%	1	11.1%	8	6.0%	8	5.4%
March	1	6.7%	3	12.5%	3	5.9%	5	10.0%	0	-	11	8.2%	12	8.1%
April	0	-	1	4.2%	4	7.8%	6	12.0%	0	-	11	8.2%	11	7.4%
May	1	6.7%	2	8.3%	3	5.9%	0	-	0	-	5	3.7%	6	4.0%
June	2	13.3%	1	4.2%	2	3.9%	3	6.0%	3	33.3%	9	6.7%	11	7.4%
July	0	-	3	12.5%	2	3.9%	3	6.0%	1	11.1%	9	6.7%	9	6.0%
August	2	13.3%	4	16.7%	2	3.9%	6	12.0%	0	-	12	9.0%	14	9.4%
September	2	13.3%	2	8.3%	10	19.6%	7	14.0%	1	11.1%	20	14.9%	22	14.8%
October	3	20.0%	2	8.3%	3	5.9%	3	6.0%	2	22.2%	10	7.5%	13	8.7%
November	1	6.7%	2	8.3%	11	21.6%	6	12.0%	0	-	19	14.2%	20	13.4%
December	2	13.3%	0	-	8	15.7%	5	10.0%	0	-	13	9.7%	15	10.1%
<b>Total</b>	15	100%	24	100%	51	100%	50	100%	9	100%	134	100%	149	100%

Table 6-3a  
 Pedestrians Killed and Injured by Month of Occurrence and Casualty Type: 2016-2020 Average

Month of Occurrence	2016-2020 Average Count of Victims							
	Killed	Serious Injury	Minor Injury	Minimal Injury	Other Injury	Total Injured	Total Victims	% of Total Victims
January	<1	2	5	6	<1	13	14	7.9%
February	<1	4	7	4	<1	15	16	8.9%
March	2	3	8	7	<1	17	20	10.9%
April	<1	1	4	3	1	10	10	5.8%
May	1	2	6	5	<1	13	15	8.2%
June	<1	2	6	3	2	13	13	7.3%
July	2	<1	6	2	1	9	12	6.9%
August	1	2	6	4	1	14	15	8.4%
September	1	3	4	6	1	14	15	8.4%
October	<1	3	7	4	<1	14	16	8.8%
November	1	3	7	6	1	17	18	9.9%
December	1	2	7	4	1	14	16	8.8%
Total	13	27	74	55	11	167	180	100%

Note: Counts of pedestrians in the 2016-2020 average may not add to the total due to rounding.

Table 6-4  
Total Pedestrians Killed and Injured by Day of Occurrence and Casualty Type: 2021

Day of the Week	2021 Casualty Type												2021 Total Victims	% of 2021 Total Victims
	Killed	% of Total Killed	Serious Injury	% of Total Serious Injury	Minor Injury	% of Total Minor Injury	Minimal Injury	% of Total Minimal Injury	Other Injury	% of Total Other Injury	Total Injured	% of Total Injured		
Sunday	1	6.7%	1	4.2%	5	9.8%	2	4.0%	1	11.1%	9	6.7%	<b>10</b>	6.7%
Monday	3	20.0%	1	4.2%	13	25.5%	6	12.0%	4	44.4%	24	17.9%	<b>27</b>	18.1%
Tuesday	2	13.3%	4	16.7%	4	7.8%	11	22.0%	2	22.2%	21	15.7%	<b>23</b>	15.4%
Wednesday	3	20.0%	6	25.0%	11	21.6%	12	24.0%	0	-	29	21.6%	<b>32</b>	21.5%
Thursday	1	6.7%	4	16.7%	5	9.8%	6	12.0%	1	11.1%	16	11.9%	<b>17</b>	11.4%
Friday	5	33.3%	5	20.8%	7	13.7%	7	14.0%	1	11.1%	20	14.9%	<b>25</b>	16.8%
Saturday	0	-	3	12.5%	6	11.8%	6	12.0%	0	-	15	11.2%	<b>15</b>	10.1%
<b>Total</b>	<b>15</b>	<b>100%</b>	<b>24</b>	<b>100%</b>	<b>51</b>	<b>100%</b>	<b>50</b>	<b>100%</b>	<b>9</b>	<b>100%</b>	<b>134</b>	<b>100%</b>	<b>149</b>	<b>100%</b>

Table 6-4a  
Pedestrians Killed and Injured by Day of Occurrence and Casualty Type: 2016-2020 Average

Day of the Week	2016-2020 Average Count of Victims							
	Killed	Serious Injury	Minor Injury	Minimal Injury	Other Injury	Total Injured	Total Victims	% of Total Victims
Sunday	3	1	4	5	1	11	14	7.6%
Monday	2	4	12	9	1	26	29	15.9%
Tuesday	2	4	14	7	1	27	29	16.1%
Wednesday	2	4	10	12	1	28	30	16.4%
Thursday	1	5	10	7	2	24	25	13.9%
Friday	2	5	15	10	3	32	34	18.8%
Saturday	2	4	8	6	1	19	20	11.3%
<b>Total</b>	<b>13</b>	<b>27</b>	<b>74</b>	<b>55</b>	<b>11</b>	<b>167</b>	<b>180</b>	<b>100%</b>

Note: Counts of pedestrians in the 2016-2020 average may not add to the total due to rounding.

Table 6-5  
 Total Pedestrians Killed and Injured by Time of Occurrence and Casualty Type: 2021

Time of the Day	2021 Casualty Type												2021 Total Victims	% of 2021 Total Victims*
	Killed	% of Total Killed*	Serious Injury	% of Total Serious Injury*	Minor Injury	% of Total Minor Injury*	Minimal Injury	% of Total Minimal Injury*	Other Injury	% of Total Other Injury*	Total Injured	% of Total Injured*		
00:00 - 02:59	2	13.3%	1	4.2%	0	-	0	-	0	-	1	0.8%	3	2.0%
03:00 - 05:59	0	-	2	8.3%	2	3.9%	2	4.0%	0	-	6	4.5%	6	4.1%
06:00 - 08:59	1	6.7%	5	20.8%	9	17.6%	6	12.0%	3	37.5%	23	17.3%	24	16.2%
09:00 - 11:59	2	13.3%	1	4.2%	7	13.7%	10	20.0%	1	12.5%	19	14.3%	21	14.2%
12:00 - 14:59	0	-	5	20.8%	9	17.6%	12	24.0%	1	12.5%	27	20.3%	27	18.2%
15:00 - 17:59	1	6.7%	4	16.7%	10	19.6%	15	30.0%	2	25.0%	31	23.3%	32	21.6%
18:00 - 20:59	5	33.3%	4	16.7%	14	27.5%	4	8.0%	1	12.5%	23	17.3%	28	18.9%
21:00 - 23:59	4	26.7%	2	8.3%	0	-	1	2.0%	0	-	3	2.3%	7	4.7%
Not Stated	0	-	0	-	0	-	0	-	1	-	1	-	1	-
<b>Total</b>	15	100%	24	100%	51	100%	50	100%	9	100%	134	100%	149	100%

\*Percentage of the total does not include the 'not stated' category.

Table 6-5a  
 Pedestrians Killed and Injured by Time of Occurrence and Casualty Type: 2016-2020 Average

Time of the Day	2016-2020 Average Count of Victims							
	Killed	Serious Injury	Minor Injury	Minimal Injury	Other Injury	Total Injured	Total Victims	% of Total Victims*
00:00 - 02:59	2	2	2	1	1	6	8	4.6%
03:00 - 05:59	2	<1	1	<1	<1	2	4	2.1%
06:00 - 08:59	1	2	12	7	1	21	23	12.6%
09:00 - 11:59	1	3	9	9	1	23	24	13.5%
12:00 - 14:59	1	5	13	11	3	32	33	18.4%
15:00 - 17:59	2	7	20	15	2	44	46	25.8%
18:00 - 20:59	2	5	10	7	<1	23	25	14.1%
21:00 - 23:59	2	3	6	4	1	14	16	8.8%
Not Stated	-	<1	<1	<1	-	1	1	-
Total	13	27	74	55	11	167	180	100%

Note: Counts of pedestrians in the 2016-2020 average may not add to the total due to rounding.  
 \*Percentage of the total does not include the 'not stated' category.

Table 6-6  
Total Pedestrians Killed and Injured by Age Group and Casualty Type: 2021

Age Group	2021 Casualty Type												2021 Total Victims	% of 2021 Total Victims*
	Killed	% of Total Killed*	Serious Injury	% of Total Serious Injury*	Minor Injury	% of Total Minor Injury*	Minimal Injury	% of Total Minimal Injury*	Other Injury	% of Total Other Injury*	Total Injured	% of Total Injured*		
0-4	0	-	5	20.8%	1	2.1%	0	-	0	-	6	4.7%	6	4.2%
5-9	0	-	2	8.3%	0	-	0	-	0	-	2	1.6%	2	1.4%
10-14	0	-	2	8.3%	5	10.4%	1	2.2%	0	-	8	6.3%	8	5.6%
15-19	2	13.3%	2	8.3%	3	6.3%	3	6.5%	1	11.1%	9	7.1%	11	7.7%
20-24	1	6.7%	3	12.5%	6	12.5%	0	-	0	-	9	7.1%	10	7.0%
25-34	3	20.0%	2	8.3%	5	10.4%	10	21.7%	2	22.2%	19	15.0%	22	15.5%
35-44	2	13.3%	4	16.7%	10	20.8%	6	13.0%	2	22.2%	22	17.3%	24	16.9%
45-54	2	13.3%	0	-	6	12.5%	14	30.4%	1	11.1%	21	16.5%	23	16.2%
55-64	2	13.3%	0	-	6	12.5%	4	8.7%	1	11.1%	11	8.7%	13	9.2%
65+	3	20.0%	4	16.7%	6	12.5%	8	17.4%	2	22.2%	20	15.7%	23	16.2%
Not Stated	0	-	0	-	3	-	4	-	0	-	7	-	7	-
Total	15	100%	24	100%	51	100%	50	100%	9	100%	134	100%	149	100%

\*Percentage of the total does not include the 'Not Stated' category.

Note: The reader is cautioned that age is missing ('Not Stated') in several collisions - interpret with caution.

Table 6-6a  
 Pedestrians Killed and Injured by Age Group and Casualty Type: 2016-2020 Average

Age Group	2016-2020 Average Count of Victims							
	Killed	Serious Injury	Minor Injury	Minimal Injury	Other Injury	Total Injured	Total Victims	% of Total Victims*
0-4	<1	<1	2	1	<1	4	5	2.7%
5-9	<1	1	3	<1	<1	5	5	3.0%
10-14	-	1	4	1	-	6	6	3.4%
15-19	1	3	6	4	<1	13	14	8.3%
20-24	2	3	7	5	<1	16	18	10.2%
25-34	3	3	14	10	1	28	31	18.0%
35-44	3	4	10	9	<1	24	27	15.4%
45-54	1	3	9	8	<1	22	23	13.1%
55-64	2	2	9	7	3	21	23	13.2%
65+	2	5	9	5	1	20	22	12.7%
Not Stated	-	<1	2	3	2	8	8	-
Total	13	27	74	55	11	167	180	100%

Note: Counts of pedestrians in the 2016-2020 average may not add to the total due to rounding.

\*Percentage of the total does not include the 'Not Stated' category.

Note: The reader is cautioned that age is missing ('Not Stated') in several collisions - interpret with caution.

Table 6-7  
 Pedestrian Involvement Rate (per 100,000 People) in Traffic Collisions by Age Group: 2021, 2016-2020 Average

Age Group	2021 Casualty Type						2021 Total Victims	2016-2020 Average Involvement Rate		
	Killed	Serious Injury	Minor Injury	Minimal Injury	Other Injury	Total Injured		Killed	Injured	Total Victims
0-4	-	6.2	1.2	-	-	7.5	<b>7.5</b>	0.2	5.1	5.3
5-9	-	2.3	-	-	-	2.3	<b>2.3</b>	0.2	5.7	5.9
10-14	-	2.3	5.8	1.2	-	9.3	<b>9.3</b>	-	6.9	6.9
15-19	2.5	2.5	3.7	3.7	1.2	11.1	<b>13.6</b>	1.2	16.0	17.2
20-24	1.1	3.3	6.6	-	-	9.8	<b>10.9</b>	1.7	17.2	18.9
25-34	1.6	1.1	2.7	5.5	1.1	10.4	<b>12.1</b>	1.6	14.5	16.0
35-44	1.1	2.3	5.7	3.4	1.1	12.6	<b>13.7</b>	1.5	13.5	15.0
45-54	1.3	-	3.8	8.8	0.6	13.3	<b>14.5</b>	0.6	12.6	13.2
55-64	1.2	-	3.5	2.3	0.6	6.4	<b>7.5</b>	1.2	12.0	13.2
65+	1.3	1.7	2.6	3.5	0.9	8.7	<b>10.0</b>	0.8	9.5	10.4
Total	1.1	1.8	3.8	3.7	0.7	10.0	<b>11.1</b>	1.0	12.2	13.2

Table 6-8  
Pedestrian Action and Casualty Type: 2021

Pedestrian Action	2021 Casualty Type												2021 Total Victims	% of 2021 Total Victims*
	Killed	% of Total Killed*	Serious Injury	% of Total Serious Injury*	Minor Injury	% of Total Minor Injury*	Minimal Injury	% of Total Minimal Injury*	Other Injury	% of Total Other Injury*	Total Injured	% of Total Injured*		
At intersection, with right of way	0	-	8	42.1%	18	50.0%	15	34.9%	3	50.0%	44	42.3%	<b>44</b>	40.4%
At intersection, without right of way	0	-	3	15.8%	5	13.9%	0	-	0	-	8	7.7%	<b>8</b>	7.3%
At intersection, no traffic control	0	-	1	5.3%	2	5.6%	4	9.3%	0	-	7	6.7%	<b>7</b>	6.4%
Between intersections	0	-	2	10.5%	1	2.8%	0	-	0	-	3	2.9%	<b>3</b>	2.8%
Walking along roadway against traffic	1	20.0%	0	-	0	-	1	2.3%	0	-	1	1.0%	<b>2</b>	1.8%
Walking along roadway with traffic	1	20.0%	0	-	0	-	0	-	0	-	0	-	<b>1</b>	0.9%
On sidewalk/median/safety zone	0	-	3	15.8%	1	2.8%	3	7.0%	0	-	7	6.7%	<b>7</b>	6.4%
Walking on roadway (travelled portion)	0	-	0	-	0	-	0	-	1	16.7%	1	1.0%	<b>1</b>	0.9%
From behind vehicle/object on roadside	0	-	0	-	1	2.8%	1	2.3%	0	-	2	1.9%	<b>2</b>	1.8%
Running into roadway	1	20.0%	0	-	0	-	1	2.3%	1	16.7%	2	1.9%	<b>3</b>	2.8%
Getting on/off vehicle	0	-	0	-	0	-	1	2.3%	0	-	1	1.0%	<b>1</b>	0.9%
Pushing/working on vehicle	0	-	0	-	0	-	0	-	0	-	0	-	<b>0</b>	-
Playing on roadway	0	-	0	-	0	-	0	-	0	-	0	-	<b>0</b>	-
Working on roadway	0	-	0	-	0	-	0	-	0	-	0	-	<b>0</b>	-
Lying on roadway	1	20.0%	0	-	0	-	0	-	1	16.7%	1	1.0%	<b>2</b>	1.8%
Other	1	20.0%	2	10.5%	8	22.2%	17	39.5%	0	-	27	26.0%	<b>28</b>	25.7%
Unknown	10	-	5	-	15	-	7	-	3	-	30	-	<b>40</b>	-
<b>Total</b>	<b>15</b>	<b>100%</b>	<b>24</b>	<b>100%</b>	<b>51</b>	<b>100%</b>	<b>50</b>	<b>100%</b>	<b>9</b>	<b>100%</b>	<b>134</b>	<b>100%</b>	<b>149</b>	<b>100%</b>

\*Percentage of the total has been rebased to exclude the 'unknown' category.

Table 6-8a  
Pedestrian Action and Casualty Type: 2016-2020 Average

Pedestrian Action	2016-2020 Average Count of Victims							
	Killed	Serious Injury	Minor Injury	Minimal Injury	Other Injury	Total Injured	Total Victims	% of Total Victims*
At intersection, with right of way	2	8	22	21	1	53	54	41.9%
At intersection, without right of way	<1	1	3	2	<1	7	7	5.6%
At intersection, no traffic control	<1	<1	3	2	<1	6	6	4.6%
Between intersections	<1	2	5	2	<1	10	10	8.0%
Walking along roadway against traffic	<1	1	<1	<1	-	2	2	1.9%
Walking along roadway with traffic	<1	<1	<1	<1	<1	1	2	1.2%
On sidewalk/median/safety zone	-	<1	2	3	<1	6	6	4.8%
Walking on roadway (travelled portion)	3	<1	1	1	<1	3	6	4.3%
From behind vehicle/object on roadside	-	<1	2	<1	<1	4	4	2.9%
Running into roadway	1	<1	1	<1	-	2	3	2.5%
Getting on/off vehicle	<1	<1	-	<1	-	0	1	0.5%
Pushing/working on vehicle	<1	-	-	<1	-	0	0	0.3%
Playing on roadway	-	-	<1	<1	-	0	0	0.3%
Working on roadway	-	<1	-	<1	-	0	0	0.3%
Lying on roadway	<1	<1	-	-	-	0	1	0.9%
Other	<1	3	11	9	1	25	26	19.9%
Unknown	4	7	22	12	6	47	51	-
Total	13	27	74	55	11	167	180	100%

Note: Counts of pedestrians in the 2016-2020 average may not add to the total due to rounding.

\*Percentage of the total has been rebased to exclude the 'unknown' category.

## Section 7: Vehicle Involvement

2021 Traffic Collision Statistics Report: Consolidated Tables

Table 7-1  
Historical Summary of Vehicles Involved in Traffic Collisions: 2011 to 2021

Year	Collision Severity						Total Collisions	% change to previous year
	Fatal	% change to previous year	Injury	% change to previous year	PDO	% change to previous year		
2011	141	-	10,956	-	42,419	-	53,516	-
2012	126	-10.6%	14,802	35.1%	44,628	5.2%	59,556	11.3%
2013	111	-11.9%	15,663	5.8%	48,542	8.8%	64,316	8.0%
2014	95	-14.4%	16,233	3.6%	45,949	-5.3%	62,277	-3.2%
2015	106	11.6%	16,184	-0.3%	45,421	-1.1%	61,711	-0.9%
2016	143	34.9%	16,927	4.6%	48,993	7.9%	66,063	7.1%
2017	88	-38.5%	16,748	-1.1%	55,219	12.7%	72,055	9.1%
2018	98	11.4%	15,975	-4.6%	54,171	-1.9%	70,244	-2.5%
2019	99	1.0%	15,276	-4.4%	57,912	6.9%	73,287	4.3%
2020	112	13.1%	9,602	-37.1%	47,461	-18.0%	57,175	-22.0%
<b>2021</b>	<b>103</b>	<b>-8.0%</b>	<b>10,080</b>	<b>5.0%</b>	<b>48,965</b>	<b>3.2%</b>	<b>59,148</b>	<b>3.5%</b>
2016-2020 Average*	108	-4.6%	14,906	-32.4%	52,751	-7.2%	67,765	-12.7%

\* "% change" in this line compares the current year to the 5-year average

Table 7-2  
Historical Summary of Vehicle Involvement Rate (per 10,000 Registered Vehicles) in Traffic Collisions: 2011 to 2021

Year	Collision Severity						Total Collisions	% change to previous year
	Fatal	% change to previous year	Injury	% change to previous year	PDO	% change to previous year		
2011	1.8	-	136.3	-	527.9	-	666.0	-
2012	1.5	-13.1%	179.1	31.3%	539.9	2.3%	720.5	8.2%
2013	1.3	-13.3%	186.5	4.2%	578.1	7.1%	765.9	6.3%
2014	1.1	-15.9%	190.0	1.9%	537.8	-7.0%	728.8	-4.8%
2015	1.2	9.9%	186.5	-1.8%	523.4	-2.7%	711.1	-2.4%
2016	1.6	32.8%	192.0	3.0%	555.7	6.2%	749.4	5.4%
2017	1.0	-39.2%	187.6	-2.3%	618.5	11.3%	807.0	7.7%
2018	1.1	9.7%	176.2	-6.1%	597.6	-3.4%	774.9	-4.0%
2019	1.1	-0.2%	166.5	-5.5%	631.2	5.6%	798.8	3.1%
2020	1.2	11.1%	102.8	-38.3%	507.9	-19.5%	611.8	-23.4%
<b>2021</b>	<b>1.1</b>	<b>-10.6%</b>	<b>104.8</b>	<b>2.0%</b>	<b>509.1</b>	<b>0.2%</b>	<b>615.0</b>	<b>0.5%</b>
2016-2020 Average*	1.2	-10.2%	165.0	-36.5%	582.2	-12.5%	748.4	-17.8%

\* "% change" in this line compares the current year to the 5-year average

Table 7-3  
 Vehicle Types (as defined in TAR) Involved in Traffic Collisions and Collision Severity: 2021, 2016-2020 Average

Vehicle Type	2021 Collision Severity						2021 Total	% of 2021 Total	2016-2020 Average Count of Collisions				
	Fatal	% of Total Fatal	Injury	% of Total Injury	PDO	% of Total PDO			Fatal	Injury	PDO	Total	% of Total
Passenger vehicle (automobile)	47	45.6%	7,600	75.4%	34,230	69.9%	<b>41,877</b>	70.8%	52	11,259	37,103	48,414	71.4%
Mini/Multi-Purpose Van	7	6.8%	573	5.7%	2,708	5.5%	<b>3,288</b>	5.6%	6	1,028	3,459	4,493	6.6%
Van under 4500 kg	0	-	105	1.0%	454	0.9%	<b>559</b>	0.9%	1	128	459	588	0.9%
Pick-up under 4500 kg	25	24.3%	1,262	12.5%	9,638	19.7%	<b>10,925</b>	18.5%	25	1,826	9,769	11,620	17.1%
Truck over 4500 kg (unit chassis)	5	4.9%	138	1.4%	1,001	2.0%	<b>1,144</b>	1.9%	3	182	960	1,145	1.7%
Power Unit for Semi-Trailer	11	10.7%	98	1.0%	411	0.8%	<b>520</b>	0.9%	9	108	423	539	0.8%
Truck/Camper	0	-	0	-	0	-	<b>0</b>	-	<1	<1	<1	0	-
Motor home	0	-	3	<0.1%	20	<0.1%	<b>23</b>	<0.1%	<1	3	28	31	<0.1%
Truck (other)	1	1.0%	8	<0.1%	48	<0.1%	<b>57</b>	<0.1%	1	20	68	89	0.1%
School Bus	0	-	8	<0.1%	41	<0.1%	<b>49</b>	<0.1%	<1	10	52	62	<0.1%
Other School Vehicle	0	-	0	-	0	-	<b>0</b>	-	<1	<1	<1	0	-
Transit Bus – urban	0	-	28	0.3%	49	0.1%	<b>77</b>	0.1%	<1	50	44	95	0.1%
Para-transit Bus	0	-	0	-	0	-	<b>0</b>	-	<1	2	3	6	<0.1%
Intercity Bus	0	-	1	<0.1%	4	<0.1%	<b>5</b>	<0.1%	<1	2	11	13	<0.1%
Bus (other)	0	-	12	0.1%	57	0.1%	<b>69</b>	0.1%	<1	13	67	80	0.1%
Motorcycle/Scooter	4	3.9%	135	1.3%	96	0.2%	<b>235</b>	0.4%	5	128	61	194	0.3%
Moped	0	-	6	<0.1%	2	<0.1%	<b>8</b>	<0.1%	<1	10	2	13	<0.1%
Bicycle	2	1.9%	77	0.8%	90	0.2%	<b>169</b>	0.3%	2	114	127	243	0.4%
Ambulance	0	-	6	<0.1%	50	0.1%	<b>56</b>	<0.1%	<1	5	26	31	<0.1%
Fire	0	-	9	<0.1%	59	0.1%	<b>68</b>	0.1%	<1	12	77	89	0.1%
Police	0	-	0	-	0	-	<b>0</b>	-	<1	<1	<1	0	-
Mobility Vehicle	0	-	0	-	0	-	<b>0</b>	-	<1	<1	<1	0	<0.1%
Motorized Snow Vehicle HTA	0	-	0	-	0	-	<b>0</b>	-	<1	<1	<1	0	<0.1%
Farm Equipment	1	1.0%	1	<0.1%	0	-	<b>2</b>	<0.1%	<1	<1	<1	1	<0.1%
Construction Equipment	0	-	0	-	0	-	<b>0</b>	-	<1	<1	1	2	<0.1%
Train/Other Rail Vehicle	0	-	0	-	0	-	<b>0</b>	-	<1	<1	<1	1	<0.1%
Off-Road Vehicles	0	-	9	<0.1%	3	<0.1%	<b>12</b>	<0.1%	<1	5	7	12	<0.1%
<b>Total</b>	<b>103</b>	<b>100%</b>	<b>10,079</b>	<b>99%</b>	<b>48,961</b>	<b>100%</b>	<b>59,143</b>	<b>100%</b>	<b>105</b>	<b>14,904</b>	<b>52,748</b>	<b>67,761</b>	<b>100%</b>

Note: Counts of vehicles in the 2016-2020 average may not add to the total due to rounding.  
 Note: Some vehicles are not identified by vehicle type due to a hit and run scenario.

Table 7-4  
Vehicle Types (Combined Select Categories) Involved in Traffic Collisions and Collision Severity: 2021, 2016-2020 Average

Vehicle Type	2021 Collision Severity						2021 Total	% of 2021 Total	2016-2020 Average Count of Collisions				
	Fatal	% of Total Fatal	Injury	% of Total Injury	PDO	% of Total PDO			Fatal	Injury	PDO	Total	% of Total
Light Duty Vehicles	79	79.0%	9,540	95.4%	47,030	96.3%	<b>56,649</b>	96.1%	84	14,242	50,789	65,115	96.5%
Passenger vehicles	54	54.0%	8,278	82.8%	37,392	76.5%	<b>45,724</b>	77.6%	59	12,415	41,020	53,495	79.3%
Light trucks	25	25.0%	1,262	12.6%	9,638	19.7%	<b>10,925</b>	18.5%	25	1,826	9,769	11,620	17.2%
NSC Commercial Vehicles	17	17.0%	293	2.9%	1,611	3.3%	<b>1,921</b>	3.3%	13	386	1,629	2,029	3.0%
PSV Vehicles	0	-	15	0.2%	109	0.2%	<b>124</b>	0.2%	0	17	103	120	0.2%
Motorcycle/Moped/Scooter	4	4.0%	141	1.4%	98	0.2%	<b>243</b>	0.4%	5	138	64	207	0.3%
Off-Road vehicles	0	-	9	<0.1%	3	<0.1%	<b>12</b>	<0.1%	<1	5	7	12	<0.1%

Note: Counts of vehicles in the 2016-2020 average may not add to the total due to rounding.

Note: Some vehicles are not identified by vehicle type due to a hit and run scenario.

Note: The above categories are not an exhaustive list. Only primary vehicle types are included; vehicle types such as trains, bicycles, truck/camper units and motor homes are not.

Table 7-5  
Vehicle Involvement (per 10,000 Registered Vehicles) in Traffic Collisions by Combined Vehicle Types and Collision Severity: 2021, 2016-2020 Average

Vehicle Type	2021 Collision Severity				2016-2020 Average			
	Fatal	Injury	PDO	2021 Total	Fatal	Injury	PDO	Total
Light Duty Vehicles	1.0	125.5	618.6	<b>745.1</b>	1.2	195.2	696.2	892.6
Passenger vehicles	0.9	137.9	622.9	<b>761.7</b>	1.0	215.1	710.7	926.8
Light trucks	1.6	78.9	602.2	<b>682.6</b>	1.7	119.9	641.5	763.1
NSC Commercial Vehicles	1.3	22.7	124.6	<b>148.6</b>	1.2	35.9	151.5	188.8
Motorcycle/Moped/Scooter	2.3	82.4	57.2	<b>142.0</b>	3.4	89.4	41.1	133.9

NOTE: No relative involvement for ORV is calculated due to difficulty in developing a reliable and accurate count of these vehicles.

## Section 8: Driver Involvement

2021 Traffic Collision Statistics Report: Consolidated Tables

Table 8-1  
Historical Summary of Drivers Involved in Traffic Collisions: 2011 to 2021

Year	Collision Severity						Total Collisions	% change to previous year
	Fatal	% change to previous year	Injury	% change to previous year	PDO	% change to previous year		
2011	130	-	10,644	-	40,505	-	51,279	-
2012	119	-8.5%	14,696	38.1%	44,062	8.8%	58,877	14.8%
2013	106	-10.9%	15,539	5.7%	47,856	8.6%	63,501	7.9%
2014	90	-15.1%	16,120	3.7%	45,084	-5.8%	61,294	-3.5%
2015	103	14.4%	16,088	-0.2%	43,525	-3.5%	59,716	-2.6%
2016	138	34.0%	16,753	4.1%	46,948	7.9%	63,839	6.9%
2017	85	-38.4%	16,531	-1.3%	51,831	10.4%	68,447	7.2%
2018	95	11.8%	15,752	-4.7%	50,759	-2.1%	66,606	-2.7%
2019	97	2.1%	15,095	-4.2%	54,372	7.1%	69,564	4.4%
2020	105	8.2%	9,459	-37.3%	44,473	-18.2%	54,037	-22.3%
<b>2021</b>	<b>100</b>	<b>-4.8%</b>	<b>9,938</b>	<b>5.1%</b>	<b>46,200</b>	<b>3.9%</b>	<b>56,238</b>	<b>4.1%</b>
2016-2020 Average*	104	-3.8%	14,718	-32.5%	49,677	-7.0%	64,499	-12.8%

\* "% change" in this line compares the current year to the 5-year average

Table 8-2  
Historical Summary of Driver Involvement Rate (per 10,000 Licensed Drivers) in Traffic Collisions: 2011 to 2021

Year	Collision Severity						Total Collisions	% change to previous year
	Fatal	% change to previous year	Injury	% change to previous year	PDO	% change to previous year		
2011	1.6	-	130.8	-	497.8	-	630.2	-
2012	1.4	-11.2%	175.3	34.0%	525.5	5.6%	702.2	11.4%
2013	1.2	-12.7%	181.6	3.6%	559.2	6.4%	742.0	5.7%
2014	1.0	-16.4%	185.4	2.1%	518.7	-7.2%	705.1	-5.0%
2015	1.2	12.9%	182.5	-1.6%	493.9	-4.8%	677.6	-3.9%
2016	1.5	31.8%	187.0	2.4%	524.0	6.1%	712.6	5.2%
2017	0.9	-39.1%	182.6	-2.4%	572.5	9.2%	756.0	6.1%
2018	1.0	9.9%	171.1	-6.3%	551.5	-3.7%	723.7	-4.3%
2019	1.0	0.7%	161.8	-5.5%	582.7	5.7%	745.5	3.0%
2020	1.1	7.3%	100.5	-37.9%	472.6	-18.9%	574.2	-23.0%
<b>2021</b>	<b>1.0</b>	<b>-6.4%</b>	<b>103.7</b>	<b>3.2%</b>	<b>482.3</b>	<b>2.1%</b>	<b>587.1</b>	<b>2.2%</b>
2016-2020 Average*	1.1	-7.9%	160.6	-35.4%	540.7	-10.8%	702.4	-16.4%

\* "% change" in this line compares the current year to the 5-year average

Table 8-3  
Drivers Involved in Traffic Collisions by Age Group and Collision Severity: 2021, 2016-2020 Average

Age Group	2021 Collision Severity						2021 Total Collisions	% of 2021 Total Collisions*	2016-2020 Average Count of Drivers				
	Fatal	% of Total Fatal*	Injury	% of Total Injury*	PDO	% of Total PDO*			Fatal	Injury	PDO	Total	% of Total Collisions*
<16	0	-	3	<0.1%	22	<0.1%	25	<0.1%	0	17	41	59	<0.1%
16-19	6	6.0%	629	6.3%	2,841	6.2%	3,476	6.2%	11	985	3,408	4,404	6.8%
20-24	6	6.0%	1,271	12.8%	5,918	12.8%	7,195	12.8%	12	1,715	6,046	7,773	12.1%
25-34	25	25.0%	2,203	22.2%	9,886	21.4%	12,114	21.6%	20	3,217	10,599	13,837	21.5%
35-44	15	15.0%	1,961	19.7%	8,649	18.7%	10,625	18.9%	16	2,866	9,179	12,061	18.7%
45-54	16	16.0%	1,629	16.4%	7,233	15.7%	8,878	15.8%	16	2,527	8,135	10,678	16.6%
55-64	17	17.0%	1,269	12.8%	6,237	13.5%	7,523	13.4%	15	1,926	6,682	8,622	13.4%
65+	15	15.0%	970	9.8%	5,369	11.6%	6,354	11.3%	13	1,454	5,490	6,956	10.8%
Not Stated	0	-	3	-	45	-	48	-	1	9	98	108	-
<b>Total*</b>	<b>100</b>	<b>100%</b>	<b>9,938</b>	<b>100%</b>	<b>46,200</b>	<b>100%</b>	<b>56,238</b>	<b>100%</b>	<b>104</b>	<b>14,718</b>	<b>49,677</b>	<b>64,499</b>	<b>100%</b>

\*Percentage of the total does not include the 'not stated' category.  
Note: Counts of drivers in the 2016-2020 average may not add to the total due to rounding.

Table 8-4  
Driver Involvement Rate (per 10,000 Licensed Drivers) in Traffic Collisions by Age Group and Collision Severity: 2021, 2016-2020 Average

Age Group	2021 Collision Severity			2021 Total Collisions	2016-2020 Average			
	Fatal	Injury	PDO		Fatal	Injury	PDO	Total
<16	-	-	-	-	-	-	-	-
16-19	1.3	140.9	636.6	778.9	2.3	208.0	719.4	929.7
20-24	0.7	156.7	729.6	887.1	1.5	227.8	802.9	1,032.3
25-34	1.5	130.7	586.6	718.8	1.2	196.6	647.5	845.3
35-44	0.9	119.1	525.4	645.4	1.0	185.1	592.8	779.0
45-54	1.1	110.9	492.3	604.3	1.1	167.7	539.7	708.5
55-64	1.1	81.0	398.3	480.5	1.0	124.8	433.1	558.9
65+	0.8	49.7	274.9	325.3	0.8	84.0	317.3	402.1

Table 8-5  
Total Drivers Involved in Traffic Collisions by Gender and Age Group and Collision Severity: 2021, 2016-2020 Average

Gender - Age Group		2021 Collision Severity						2021 Total Collisions	% of 2021 Total Collisions*	2016-2020 Average Count of Drivers				
		Fatal	% of Total Fatal*	Injury	% of Total Injury*	PDO	% of Total PDO*			Fatal	Injury	PDO	Total	% of Total Collisions*
Female	<16	0	-	2	<0.1%	11	<0.1%	13	<0.1%	<1	6	19	25	<0.1%
	16-19	1	3.3%	307	6.9%	1,039	6.4%	1,347	6.5%	3	457	1,293	1,753	7.0%
	20-24	1	3.3%	515	11.5%	2,000	12.2%	2,516	12.1%	4	793	2,185	2,981	11.8%
	25-34	9	30.0%	1,069	23.9%	3,543	21.7%	4,621	22.2%	5	1,528	4,004	5,537	22.0%
	35-44	5	16.7%	916	20.5%	3,273	20.0%	4,194	20.1%	4	1,400	3,545	4,949	19.6%
	45-54	4	13.3%	732	16.4%	2,618	16.0%	3,354	16.1%	3	1,192	3,003	4,199	16.7%
	55-64	8	26.7%	528	11.8%	2,060	12.6%	2,596	12.5%	4	869	2,348	3,220	12.8%
	65+	2	6.7%	401	9.0%	1,793	11.0%	2,196	10.5%	2	609	1,934	2,545	10.1%
	Not Stated	0	-	0	-	3	-	3	-	<1	1	8	9	-
	<b>Total Female*</b>	<b>30</b>	<b>100%</b>	<b>4,470</b>	<b>100%</b>	<b>16,340</b>	<b>100%</b>	<b>20,840</b>	100%	25	6,855	18,339	25,219	100%
Male	<16	0	-	1	<0.1%	11	<0.1%	12	<0.1%	<1	11	23	34	<0.1%
	16-19	5	7.1%	322	5.9%	1,801	6.0%	2,128	6.0%	8	528	2,110	2,646	6.8%
	20-24	5	7.1%	754	13.8%	3,912	13.1%	4,671	13.2%	8	921	3,853	4,782	12.2%
	25-34	16	22.9%	1,129	20.7%	6,335	21.3%	7,480	21.2%	15	1,688	6,590	8,293	21.2%
	35-44	10	14.3%	1,044	19.1%	5,373	18.0%	6,427	18.2%	12	1,465	5,632	7,109	18.2%
	45-54	12	17.1%	896	16.4%	4,615	15.5%	5,523	15.6%	13	1,335	5,130	6,478	16.5%
	55-64	9	12.9%	741	13.6%	4,177	14.0%	4,927	13.9%	11	1,057	4,333	5,401	13.8%
	65+	13	18.6%	569	10.4%	3,575	12.0%	4,157	11.8%	11	845	3,555	4,411	11.3%
	Not Stated	0	-	0	-	6	-	6	-	<1	2	15	17	-
	<b>Total Male*</b>	<b>70</b>	<b>100%</b>	<b>5,456</b>	<b>100%</b>	<b>29,805</b>	<b>100%</b>	<b>35,331</b>	100%	78	7,853	31,240	39,171	100%

\*Percentage of the total does not include the 'not stated' category.

Note: Counts of drivers in the 2016-2020 average may not add to the total due to rounding.

Note: Some drivers do not have age and gender recorded and are therefore missing from the table above.

Table 8-6  
Total Drivers Involved in Traffic Collisions by Age Group and Gender and Collision Severity: 2021, 2016-2020 Average

Age Group - Gender		2021 Collision Severity						2021 Total Collisions	% of 2021 Total Collisions*	2016-2020 Average Count of Drivers				
		Fatal	% of Total Fatal*	Injury	% of Total Injury*	PDO	% of Total PDO*			Fatal	Injury	PDO	Total	% of Total Collisions*
<16	Female	0	-	2	<0.1%	11	<0.1%	13	<0.1%	<1	6	19	25	<0.1%
	Male	0	-	1	<0.1%	11	<0.1%	12	<0.1%	<1	11	23	34	<0.1%
16 to 24	Female	2	2.0%	822	8.3%	3,039	6.6%	3,863	6.9%	7	1,250	3,478	4,734	7.4%
	Male	10	10.0%	1,076	10.8%	5,713	12.4%	6,799	12.1%	16	1,449	5,964	7,428	11.5%
25 to 34	Female	9	9.0%	1,069	10.8%	3,543	7.7%	4,621	8.2%	5	1,528	4,004	5,537	8.6%
	Male	16	16.0%	1,129	11.4%	6,335	13.7%	7,480	13.3%	15	1,688	6,590	8,293	12.9%
35 to 44	Female	5	5.0%	916	9.2%	3,273	7.1%	4,194	7.5%	4	1,400	3,545	4,949	7.7%
	Male	10	10.0%	1,044	10.5%	5,373	11.6%	6,427	11.4%	12	1,465	5,632	7,109	11.0%
45 to 54	Female	4	4.0%	732	7.4%	2,618	5.7%	3,354	6.0%	3	1,192	3,003	4,199	6.5%
	Male	12	12.0%	896	9.0%	4,615	10.0%	5,523	9.8%	13	1,335	5,130	6,478	10.1%
55 to 64	Female	8	8.0%	528	5.3%	2,060	4.5%	2,596	4.6%	4	869	2,348	3,220	5.0%
	Male	9	9.0%	741	7.5%	4,177	9.1%	4,927	8.8%	11	1,057	4,333	5,401	8.4%
65 and older	Female	2	2.0%	401	4.0%	1,793	3.9%	2,196	3.9%	2	609	1,934	2,545	4.0%
	Male	13	13.0%	569	5.7%	3,575	7.7%	4,157	7.4%	11	845	3,555	4,411	6.9%
Not Stated	Female	0	-	0	-	3	-	3	-	<1	1	8	9	-
	Male	0	-	0	-	6	-	6	-	<1	2	15	17	-
Total	Female	30	30.0%	4,470	45.0%	16,340	35.4%	20,840	37.1%	25	6,855	18,339	25,219	39.1%
	Male	70	70.0%	5,456	55.0%	29,805	64.6%	35,331	62.9%	78	7,853	31,240	39,171	60.8%

\*Percentage of the total does not include the 'not stated' category.

Note: Counts of drivers in the 2016-2020 average may not add to the total due to rounding.

Note: Some drivers do not have age and gender recorded and are therefore missing from the table above.

Table 8-7  
 Driver Involvement Rate (per 10,000 Licensed Drivers) in Traffic Collisions by Gender and Age Group and Collision Severity: 2021, 2016-2020 Average

Gender - Age Group		2021 Collision Severity			2021 Total Collisions	2016-2020 Average			
		Fatal	Injury	PDO		Fatal	Injury	PDO	Total
Female	<16	-	-	-	-	-	-	-	-
	16-19	0.5	142.3	481.6	<b>624.4</b>	1.4	200.1	566.4	767.8
	20-24	0.3	139.0	539.8	<b>679.1</b>	1.0	222.7	613.5	837.2
	25-34	1.1	131.2	434.9	<b>567.2</b>	0.7	192.3	503.7	696.6
	35-44	0.6	113.4	405.1	<b>519.1</b>	0.5	185.2	468.9	654.7
	45-54	0.6	102.9	368.0	<b>471.5</b>	0.5	163.7	412.4	576.6
	55-64	1.1	69.6	271.7	<b>342.4</b>	0.5	116.8	315.7	433.0
	65+	0.2	42.0	187.6	<b>229.8</b>	0.3	72.6	230.8	303.7
	Total	0.6	96.5	352.6	<b>449.7</b>	0.6	154.2	412.5	567.3
Male	<16	-	-	-	-	-	-	-	-
	16-19	2.2	139.7	781.1	<b>923.0</b>	3.2	215.1	860.1	1,078.4
	20-24	1.1	171.1	887.9	<b>1,060.2</b>	2.0	232.1	970.9	1,205.0
	25-34	1.8	129.7	727.6	<b>859.2</b>	1.8	200.4	782.8	985.0
	35-44	1.2	124.5	640.9	<b>766.6</b>	1.6	185.0	710.8	897.3
	45-54	1.6	118.2	609.0	<b>728.9</b>	1.7	171.4	658.6	831.7
	55-64	1.1	91.7	517.2	<b>610.0</b>	1.4	132.3	542.1	675.9
	65+	1.3	57.0	358.4	<b>416.8</b>	1.2	94.8	398.7	494.6
	Total	1.4	110.4	603.0	<b>714.8</b>	1.6	165.5	658.2	825.3

## Section 9: Contributing Factors

2021 Traffic Collision Statistics Report: Consolidated Tables

Table 9-1  
Contributing Factors to a Collision by Collision Severity: 2021

Contributing Factor	2021 Collision Severity						2021 Total Collisions	% of 2021 Total Collisions
	Fatal	% of Total Fatal	Injury	% of Total Injury	PDO	% of Total PDO		
Driver Action - Driving Properly and Human Condition - Apparently Normal	31	46.3%	4,874	82.0%	26,073	66.3%	30,978	68.3%
Driver Action - Driving properly	4	6.0%	77	1.3%	1,698	4.3%	1,779	3.9%
Any Driver Action	57	85.1%	4,065	68.4%	16,439	41.8%	20,561	45.3%
Follow too closely	3	4.5%	1,002	16.8%	2,458	6.2%	3,463	7.6%
Turning improperly	2	3.0%	459	7.7%	1,274	3.2%	1,735	3.8%
Passing improperly	2	3.0%	24	0.4%	80	0.2%	106	0.2%
Changing lanes improperly	0	-	251	4.2%	1,255	3.2%	1,506	3.3%
Fail to yield right-of-way	7	10.4%	482	8.1%	1,018	2.6%	1,507	3.3%
Disobey traffic control device/officer	5	7.5%	151	2.5%	218	0.6%	374	0.8%
Drive wrong way on roadway	1	1.5%	5	<0.1%	12	<0.1%	18	<0.1%
Passing a vehicle at pedestrian X-walk	0	-	1	<0.1%	0	-	1	<0.1%
Back unsafely	0	-	108	1.8%	2,506	6.4%	2,614	5.8%
Parking improperly	0	-	5	<0.1%	112	0.3%	117	0.3%
Lost control/Drive off road	10	14.9%	138	2.3%	676	1.7%	824	1.8%
Driverless vehicle ran out of control	0	-	1	<0.1%	19	<0.1%	20	<0.1%
Leave stop sign before safe to do so	3	4.5%	196	3.3%	314	0.8%	513	1.1%
Failed to signal	0	-	2	<0.1%	9	<0.1%	11	<0.1%
Take avoiding action	1	1.5%	51	0.9%	259	0.7%	311	0.7%
Driver inexperience	2	3.0%	21	0.4%	91	0.2%	114	0.3%
Pedestrian error/confusion	4	6.0%	10	0.2%	16	<0.1%	30	<0.1%
NET Speed	14	20.9%	365	6.1%	1,623	4.1%	2,002	4.4%
Exceeding speed limit	7	10.4%	2	<0.1%	1	<0.1%	10	<0.1%
Driving too fast for conditions	7	10.4%	359	6.0%	1,616	4.1%	1,982	4.4%
Unsafe operating speed (Too fast or too slow)	1	1.5%	5	<0.1%	7	<0.1%	13	<0.1%
NET Distracted driving	33	49.3%	1,991	33.5%	8,712	22.1%	10,736	23.7%
Careless Driving	27	40.3%	1,926	32.4%	8,528	21.7%	10,481	23.1%
Distraction/Inattention	9	13.4%	129	2.2%	393	1.0%	531	1.2%
Human Condition - Apparently Normal	19	28.4%	2,210	37.2%	11,174	28.4%	13,403	29.5%
Any Human Condition	22	32.8%	76	1.3%	101	0.3%	199	0.4%
Loss of consciousness/Blackout prior to collision	2	3.0%	19	0.3%	14	<0.1%	35	<0.1%
Extreme fatigue/Fell asleep	2	3.0%	21	0.4%	36	<0.1%	59	0.1%
Defective eyesight	0	-	1	<0.1%	0	-	1	<0.1%
Defective hearing	0	-	0	-	0	-	0	-
Medical disability	1	1.5%	2	<0.1%	4	<0.1%	7	<0.1%
Physical disability	0	-	0	-	0	-	0	-
Mental disability	1	1.5%	0	-	1	<0.1%	2	<0.1%
Mental confusion/Inability to remember	0	-	6	0.1%	7	<0.1%	13	<0.1%
Sudden illness	0	-	2	<0.1%	1	<0.1%	3	<0.1%
Exceed hours of service (commercial drivers only)	0	-	0	-	0	-	0	-
NET Impaired	17	25.4%	32	0.5%	45	0.1%	94	0.2%
Ability impaired alcohol	9	13.4%	25	0.4%	34	<0.1%	68	0.1%
Ability impaired drugs	0	-	3	<0.1%	5	<0.1%	8	<0.1%
Had been drinking/Suspected alcohol use	9	13.4%	6	0.1%	8	<0.1%	23	<0.1%

2021 Traffic Collision Statistics Report: Consolidated Tables

Table 9-1  
Contributing Factors to a Collision by Collision Severity: 2021 (continued)

Contributing Factor	2021 Collision Severity						2021 Total Collisions	% of 2021 Total Collisions
	Fatal	% of Total Fatal	Injury	% of Total Injury	PDO	% of Total PDO		
No Apparent (Vehicle) Defect	45	67.2%	5,475	92.1%	34,041	86.5%	39,561	87.2%
Any Vehicle Defect	2	3.0%	18	0.3%	263	0.7%	283	0.6%
Defective brakes	0	-	2	<0.1%	7	<0.1%	9	<0.1%
Defective steering	1	1.5%	0	-	3	<0.1%	4	<0.1%
Defective headlights	0	-	0	-	0	-	0	-
Defective brake lights	0	-	0	-	4	<0.1%	4	<0.1%
Defective lighting (unspecified)	1	1.5%	0	-	1	<0.1%	2	<0.1%
Defective engine controls/drive train	0	-	3	<0.1%	4	<0.1%	7	<0.1%
Defective suspension/wheels	0	-	3	<0.1%	69	0.2%	72	0.2%
Defective tires	0	-	6	0.1%	88	0.2%	94	0.2%
Tow hitch/yoke defective	0	-	1	<0.1%	12	<0.1%	13	<0.1%
Defective exhaust system	0	-	0	-	0	-	0	-
Hood/tailgate/door/covering opened	0	-	0	-	6	<0.1%	6	<0.1%
Defective glazing (obscured windows)	0	-	0	-	0	-	0	-
Vehicle modifications	0	-	0	-	0	-	0	-
Fire	0	-	1	<0.1%	0	-	1	<0.1%
Overloaded/oversized	0	-	0	-	6	<0.1%	6	<0.1%
Load shifted/spilled	0	-	2	<0.1%	23	<0.1%	25	<0.1%
Jack-knife/trailer swing	0	-	0	-	47	0.1%	47	0.1%
Hydroplaning tires	0	-	0	-	1	<0.1%	1	<0.1%
Any Environmental Condition	11	16.4%	354	6.0%	5,538	14.1%	5,903	13.0%
Animal action - Wild	1	1.5%	88	1.5%	4,275	10.9%	4,364	9.6%
Animal action - Domestic	0	-	12	0.2%	24	<0.1%	36	<0.1%
Slippery road surface	3	4.5%	145	2.4%	802	2.0%	950	2.1%
Snow drift	0	-	3	<0.1%	41	0.1%	44	<0.1%
Obstruction/debris on roadway	0	-	8	0.1%	145	0.4%	153	0.3%
View obstructed/limited	2	3.0%	38	0.6%	104	0.3%	144	0.3%
Glare/reflection	2	3.0%	6	0.1%	21	<0.1%	29	<0.1%
Construction zone	0	-	6	0.1%	9	<0.1%	15	<0.1%
Defective driving surface	0	-	8	0.1%	50	0.1%	58	0.1%
Shoulders defective	0	-	0	-	4	<0.1%	4	<0.1%
Lane markings inadequate	0	-	1	<0.1%	4	<0.1%	5	<0.1%
Defective/inoperative traffic control device	0	-	6	0.1%	8	<0.1%	14	<0.1%
Weather	4	6.0%	37	0.6%	79	0.2%	120	0.3%
Pedestrian corridor in use	0	-	12	0.2%	8	<0.1%	20	<0.1%
Uninvolved vehicle	0	-	2	<0.1%	13	<0.1%	15	<0.1%
Uninvolved pedestrian	0	-	5	<0.1%	8	<0.1%	13	<0.1%
Presence of prior accident	0	-	0	-	0	-	0	-
No Contributing Factor(s) Identified	3	4.5%	249	4.2%	473	1.2%	725	1.6%
Not Stated	0	-	6	0.1%	20	<0.1%	26	<0.1%
<b>Total</b>	<b>67</b>	<b>100%</b>	<b>5,947</b>	<b>100%</b>	<b>39,347</b>	<b>100%</b>	<b>45,361</b>	<b>100.0%</b>

\*Note: For each vehicle and/or driver involved in a collision, up to three contributing factors can be recorded. Because multiple factors can be noted, the counts and percentages under each collision severity will add to more than the total collisions of that severity.

Any at-fault factor recorded in current year	59	88.1%	4,238	71.3%	21,304	54.1%	25,601	56.4%
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2021 Traffic Collision Statistics Report: Consolidated Tables

Table 9-1a  
Contributing Factors to a Collision by Collision Severity: 2016-2020 Average

Contributing Factor	2016-2020 Average Count				
	Fatal	Injury	PDO	Total Collisions	% of Total Collisions
Driver Action - Driving Properly and Human Condition - Apparently Normal	28	7,230	28,397	35,656	71.9%
Driver Action - Driving properly	1	51	323	375	0.8%
Any Driver Action	56	6,169	19,566	25,792	52.0%
Following too closely	<1	1,832	3,324	5,156	10.4%
Turning improperly	2	686	1,653	2,341	4.7%
Passing improperly	2	29	94	125	0.3%
Changing lanes improperly	1	345	1,554	1,900	3.8%
Fail to yield right-of-way	8	752	1,351	2,111	4.3%
Disobey traffic control device/officer	5	222	243	469	0.9%
Drive wrong way on roadway	3	5	11	19	<0.1%
Passing a vehicle at pedestrian X-walk	-	<1	<1	<1	<0.1%
Back unsafely	<1	212	2,949	3,161	6.4%
Parking improperly	<1	10	138	148	0.3%
Lost control/Drive off road	10	271	1,010	1,290	2.6%
Driverless vehicle ran out of control	<1	8	23	31	<0.1%
Leave stop sign before safe to do so	3	270	467	740	1.5%
Failed to signal	-	6	10	16	<0.1%
Take avoiding action	1	79	362	443	0.9%
Driver inexperience	1	35	115	151	0.3%
Pedestrian error/confusion	4	25	34	63	0.1%
NET Speed	17	608	2,165	2,790	5.6%
Exceeding speed limit	9	6	11	25	<0.1%
Driving too fast for conditions	6	594	2,142	2,742	5.5%
Unsafe operating speed (Too fast or too slow)	3	9	14	27	<0.1%
NET Distracted driving	26	2,888	10,362	13,276	26.8%
Careless Driving	22	2,794	10,147	12,963	26.1%
Distraction/Inattention	8	180	462	650	1.3%
Human Condition - Apparently Normal	17	3,725	13,920	17,662	35.6%
Any Human Condition	26	93	133	253	0.5%
Loss of consciousness/Blackout prior to collision	2	18	17	37	<0.1%
Extreme fatigue/Fell asleep	1	20	40	61	0.1%
Defective eyesight	<1	<1	2	3	<0.1%
Defective hearing	-	-	<1	<1	<0.1%
Medical disability	-	7	5	12	<0.1%
Physical disability	-	<1	2	2	<0.1%
Mental disability	<1	2	1	4	<0.1%
Mental confusion/Inability to remember	<1	8	10	17	<0.1%
Sudden illness	<1	5	2	8	<0.1%
Exceed hours of service (commercial drivers only)	<1	<1	-	<1	<0.1%
NET Impaired	23	41	63	127	0.3%
Ability impaired alcohol	16	32	54	102	0.2%
Ability impaired drugs	3	3	4	10	<0.1%
Had been drinking/Suspected alcohol use	8	8	8	24	<0.1%

2021 Traffic Collision Statistics Report: Consolidated Tables

Table 9-1a  
Contributing Factors to a Collision by Collision Severity: 2016-2020 Average (continued)

Contributing Factor	2016-2020 Average Count				
	Fatal	Injury	PDO	Total Collisions	% of Total Collisions
No Apparent (Vehicle) Defect	30	8,025	36,154	44,209	89.1%
Any Vehicle Defect	1	26	245	272	0.5%
Defective brakes	-	5	15	21	<0.1%
Defective steering	-	1	4	5	<0.1%
Defective headlights	-	<1	<1	1	<0.1%
Defective brake lights	<1	<1	4	5	<0.1%
Defective lighting (unspecified)	<1	<1	<1	2	<0.1%
Defective engine controls/drive train	-	1	5	6	<0.1%
Defective suspension/wheels	-	3	51	54	0.1%
Defective tires	<1	6	67	73	0.1%
Tow hitch/yoke defective	-	2	11	13	<0.1%
Defective exhaust system	-	-	<1	<1	<0.1%
Hood/tailgate/door/covering opened	<1	<1	6	7	<0.1%
Defective glazing (obscured windows)	-	<1	<1	1	<0.1%
Vehicle modifications	-	<1	1	2	<0.1%
Fire	-	<1	1	1	<0.1%
Overloaded/oversized	-	-	5	5	<0.1%
Load shifted/spilled	-	2	21	23	<0.1%
Jack-knife/trailer swing	-	2	53	55	0.1%
Hydroplaning tires	-	1	3	4	<0.1%
Any Environmental Condition	12	619	4,302	4,932	9.9%
Animal action - Wild	<1	79	2,334	2,414	4.9%
Animal action - Domestic	-	11	42	52	0.1%
Slippery road surface	3	356	1,295	1,654	3.3%
Snow drift	<1	10	71	81	0.2%
Obstruction/debris on roadway	<1	15	203	218	0.4%
View obstructed/limited	3	64	141	208	0.4%
Glare/reflection	<1	13	25	39	<0.1%
Construction zone	<1	4	14	18	<0.1%
Defective driving surface	<1	15	88	103	0.2%
Shoulders defective	<1	<1	4	4	<0.1%
Lane markings inadequate	-	<1	4	4	<0.1%
Defective/inoperative traffic control device	<1	5	7	12	<0.1%
Weather	3	43	105	151	0.3%
Pedestrian corridor in use	<1	16	16	33	<0.1%
Uninvolved vehicle	<1	8	16	23	<0.1%
Uninvolved pedestrian	-	5	3	8	<0.1%
Presence of prior accident	<1	2	3	5	<0.1%
No Contributing Factor(s) Identified	4	236	531	770	1.6%
Not Stated	<1	11	34	45	<0.1%
Total	73	8,651	40,873	49,597	100%

Note: Counts of collisions in the 2016-2020 average may not add to the total due to rounding.

\*Note: For each vehicle and/or driver involved in a collision, up to three contributing factors can be recorded. Because multiple factors can be noted, the counts and percentages under each collision severity will add to more than the total collisions of that severity.

Any at-fault factor recorded (previous 5-year average)	65	6,363	22,479	28,907	58.3%
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2021 Traffic Collision Statistics Report: Consolidated Tables

Table 9-2  
Contributing Factors for Each Victim of a Collision by Casualty Type: 2021

Contributing Factor	2021 Casualty Type								2021 Total Casualties	% of 2021 Total Casualties
	Killed	% of Total Killed	Serious Injury	% of Total Serious Injury	Other Injuries	% of Total Other Injuries	Total Injuries	% of Total Injuries		
Driver Action - Driving Properly and Human Condition - Apparently Normal	38	48.7%	176	55.0%	6,103	84.6%	6,279	83.4%	6,317	83.0%
Driver Action - Driving properly	5	6.4%	4	1.3%	88	1.2%	92	1.2%	97	1.3%
Any Driver Action	68	87.2%	234	73.1%	5,048	70.0%	5,282	70.1%	5,350	70.3%
Following too closely	3	3.8%	15	4.7%	1,297	18.0%	1,312	17.4%	1,315	17.3%
Turning improperly	2	2.6%	18	5.6%	601	8.3%	619	8.2%	621	8.2%
Passing improperly	2	2.6%	2	0.6%	28	0.4%	30	0.4%	32	0.4%
Changing lanes improperly	0	-	7	2.2%	302	4.2%	309	4.1%	309	4.1%
Fail to yield right-of-way	7	9.0%	31	9.7%	637	8.8%	668	8.9%	675	8.9%
Disobey traffic control device/officer	5	6.4%	5	1.6%	219	3.0%	224	3.0%	229	3.0%
Drive wrong way on roadway	1	1.3%	2	0.6%	5	<0.1%	7	<0.1%	8	0.1%
Passing a vehicle at pedestrian X-walk	0	-	0	-	1	<0.1%	1	<0.1%	1	<0.1%
Back unsafely	0	-	5	1.6%	113	1.6%	118	1.6%	118	1.6%
Parking improperly	0	-	1	0.3%	5	<0.1%	6	<0.1%	6	<0.1%
Lost control/Drive off road	14	17.9%	19	5.9%	153	2.1%	172	2.3%	186	2.4%
Driverless vehicle ran out of control	0	-	0	-	1	<0.1%	1	<0.1%	1	<0.1%
Leave stop sign before safe to do so	4	5.1%	10	3.1%	257	3.6%	267	3.5%	271	3.6%
Failed to signal	0	-	0	-	3	<0.1%	3	<0.1%	3	<0.1%
Take avoiding action	1	1.3%	5	1.6%	50	0.7%	55	0.7%	56	0.7%
Driver inexperience	5	6.4%	5	1.6%	26	0.4%	31	0.4%	36	0.5%
Pedestrian error/confusion	4	5.1%	4	1.3%	9	0.1%	13	0.2%	17	0.2%
NET Speed	16	20.5%	34	10.6%	455	6.3%	489	6.5%	505	6.6%
Exceeding speed limit	9	11.5%	6	1.9%	4	<0.1%	10	0.1%	19	0.2%
Driving too fast for conditions	7	9.0%	26	8.1%	449	6.2%	475	6.3%	482	6.3%
Unsafe operating speed (Too fast or too slow)	1	1.3%	3	0.9%	5	<0.1%	8	0.1%	9	0.1%
NET Distracted driving	41	52.6%	140	43.8%	2,422	33.6%	2,562	34.0%	2,603	34.2%
Careless Driving	33	42.3%	133	41.6%	2,337	32.4%	2,470	32.8%	2,503	32.9%
Distraction/Inattention	11	14.1%	12	3.8%	158	2.2%	170	2.3%	181	2.4%
Human Condition - Apparently Normal	20	25.6%	150	46.9%	2,727	37.8%	2,877	38.2%	2,897	38.1%
Any Human Condition	31	39.7%	27	8.4%	90	1.2%	117	1.6%	148	1.9%
Loss of consciousness/Blackout prior to collision	2	2.6%	7	2.2%	18	0.2%	25	0.3%	27	0.4%
Extreme fatigue/Fell asleep	4	5.1%	8	2.5%	22	0.3%	30	0.4%	34	0.4%
Defective eyesight	0	-	0	-	1	<0.1%	1	<0.1%	1	<0.1%
Defective hearing	0	-	0	-	0	-	0	-	0	-
Medical disability	1	1.3%	0	-	2	<0.1%	2	<0.1%	3	<0.1%
Physical disability	0	-	0	-	0	-	0	-	0	-
Mental disability	1	1.3%	0	-	1	<0.1%	1	<0.1%	2	<0.1%
Mental confusion/Inability to remember	0	-	1	0.3%	5	<0.1%	6	<0.1%	6	<0.1%
Sudden illness	0	-	1	0.3%	2	<0.1%	3	<0.1%	3	<0.1%
Exceed hours of service (commercial drivers only)	0	-	0	-	0	-	0	-	0	-
NET Impaired	24	30.8%	13	4.1%	44	0.6%	57	0.8%	81	1.1%
Ability impaired alcohol	11	14.1%	9	2.8%	32	0.4%	41	0.5%	52	0.7%
Ability impaired drugs	0	-	0	-	6	<0.1%	6	<0.1%	6	<0.1%
Had been drinking/Suspected alcohol use	14	17.9%	5	1.6%	7	<0.1%	12	0.2%	26	0.3%

2021 Traffic Collision Statistics Report: Consolidated Tables

Table 9-2  
Contributing Factors for Each Victim of a Collision by Casualty Type: 2021 (continued)

Contributing Factor	2021 Casualty Type								2021 Total Casualties	% of 2021 Total Casualties
	Killed	% of Total Killed	Serious Injury	% of Total Serious Injury	Other Injuries	% of Total Other Injuries	Total Injuries	% of Total Injuries		
No Apparent (Vehicle) Defect	54	69.2 %	256	80.0 %	6,725	93.3 %	6,981	92.7 %	7,035	92.5%
Any Vehicle Defect	3	3.8%	1	0.3%	25	0.3%	26	0.3%	29	0.4%
Defective brakes	0	-	0	-	4	<0.1%	4	<0.1%	4	<0.1%
Defective steering	2	2.6%	0	-	1	<0.1%	1	<0.1%	3	<0.1%
Defective headlights	0	-	0	-	0	-	0	-	0	-
Defective brake lights	0	-	0	-	0	-	0	-	0	-
Defective lighting (unspecified)	1	1.3%	0	-	0	-	0	-	1	<0.1%
Defective engine controls/drive train	0	-	1	0.3%	2	<0.1%	3	<0.1%	3	<0.1%
Defective suspension/wheels	0	-	0	-	3	<0.1%	3	<0.1%	3	<0.1%
Defective tires	0	-	0	-	10	0.1%	10	0.1%	10	0.1%
Tow hitch/yoke defective	0	-	0	-	2	<0.1%	2	<0.1%	2	<0.1%
Defective exhaust system	0	-	0	-	0	-	0	-	0	-
Hood/tailgate/door/covering opened	0	-	0	-	0	-	0	-	0	-
Defective glazing (obscured windows)	0	-	0	-	0	-	0	-	0	-
Vehicle modifications	0	-	0	-	0	-	0	-	0	-
Fire	0	-	0	-	1	<0.1%	1	<0.1%	1	<0.1%
Overloaded/oversized	0	-	0	-	0	-	0	-	0	-
Load shifted/spilled	0	-	0	-	2	<0.1%	2	<0.1%	2	<0.1%
Jack-knife/trailer swing	0	-	0	-	0	-	0	-	0	-
Hydroplaning tires	0	-	0	-	0	-	0	-	0	-
Any Environmental Condition	11	14.1 %	21	6.6%	415	5.8%	436	5.8%	447	5.9%
Animal action - Wild	1	1.3%	5	1.6%	94	1.3%	99	1.3%	100	1.3%
Animal action - Domestic	0	-	0	-	15	0.2%	15	0.2%	15	0.2%
Slippery road surface	3	3.8%	6	1.9%	173	2.4%	179	2.4%	182	2.4%
Snow drift	0	-	0	-	9	0.1%	9	0.1%	9	0.1%
Obstruction/debris on roadway	0	-	1	0.3%	11	0.2%	12	0.2%	12	0.2%
View obstructed/limited	2	2.6%	3	0.9%	38	0.5%	41	0.5%	43	0.6%
Glare/reflection	2	2.6%	0	-	13	0.2%	13	0.2%	15	0.2%
Construction zone	0	-	0	-	8	0.1%	8	0.1%	8	0.1%
Defective driving surface	0	-	1	0.3%	11	0.2%	12	0.2%	12	0.2%
Shoulders defective	0	-	0	-	0	-	0	-	0	-
Lane markings inadequate	0	-	0	-	2	<0.1%	2	<0.1%	2	<0.1%
Defective/inoperative traffic control device	0	-	0	-	8	0.1%	8	0.1%	8	0.1%
Weather	4	5.1%	4	1.3%	39	0.5%	43	0.6%	47	0.6%
Pedestrian corridor in use	0	-	2	0.6%	10	0.1%	12	0.2%	12	0.2%
Uninvolved vehicle	0	-	0	-	2	<0.1%	2	<0.1%	2	<0.1%
Uninvolved pedestrian	0	-	1	0.3%	4	<0.1%	5	<0.1%	5	<0.1%
Presence of prior accident	0	-	0	-	0	-	0	-	0	-
No Contributing Factor(s) Identified	3	3.8%	22	6.9%	303	4.2%	325	4.3%	328	4.3%
Not Stated	0	-	1	0.3%	6	<0.1 %	7	<0.1 %	7	<0.1%
<b>Total</b>	<b>78</b>	<b>100%</b>	<b>320</b>	<b>100.0 %</b>	<b>7,211</b>	<b>100.0 %</b>	<b>7,531</b>	<b>100.0 %</b>	<b>7,609</b>	<b>100.0%</b>

\*Note: For each vehicle and/or driver involved in a collision, up to three contributing factors can be recorded. Because multiple factors can be noted, the counts and percentages under each casualty type will add to more than the total victims of that casualty type.

"Other Injuries" includes injuries defined as "Minor", "Minimal" and "Other", or undefined in severity.

Any at-fault factor recorded in current year	70	89.7 %	250	78.1%	5,245	72.7%	5,495	73.0%	5,565	73.1%
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2021 Traffic Collision Statistics Report: Consolidated Tables

Table 9-2a  
Contributing Factors for Each Victim of a Collision by Casualty Type: 2016-2020 Average

Contributing Factor	2016-2020 Average Count of Casualties					
	Killed	Serious Injury	Other Injuries	Total Injuries	Total Casualties	% of Total Casualties
Driver Action - Driving Properly and Human Condition - Apparently Normal	31	242	9,260	9,502	9,533	84.7%
Driver Action - Driving properly	1	5	67	72	74	0.7%
Any Driver Action	63	329	7,831	8,160	8,223	73.1%
Following too closely	<1	25	2,429	2,454	2,455	21.8%
Turning improperly	3	37	897	934	937	8.3%
Passing improperly	2	5	37	41	44	0.4%
Changing lanes improperly	1	9	426	436	437	3.9%
Fail to yield right-of-way	8	58	983	1,041	1,049	9.3%
Disobey traffic control device/officer	6	23	322	345	351	3.1%
Drive wrong way on roadway	3	3	9	13	16	0.1%
Passing a vehicle at pedestrian X-walk	-	-	<1	<1	<1	<0.1%
Back unsafely	<1	3	241	244	244	2.2%
Parking improperly	<1	<1	12	13	13	0.1%
Lost control/Drive off road	10	40	296	336	346	3.1%
Driverless vehicle ran out of control	<1	1	9	10	10	<0.1%
Leave stop sign before safe to do so	4	21	345	365	369	3.3%
Failed to signal	-	<1	7	7	7	<0.1%
Take avoiding action	2	9	83	92	94	0.8%
Driver inexperience	1	6	42	47	48	0.4%
Pedestrian error/confusion	4	6	24	30	34	0.3%
NET Speed	20	53	746	799	819	7.3%
Exceeding speed limit	11	7	11	18	29	0.3%
Driving too fast for conditions	7	43	727	770	777	6.9%
Unsafe operating speed (Too fast or too slow)	3	4	9	13	17	0.1%
NET Distracted driving	30	154	3,614	3,768	3,798	33.8%
Careless Driving	25	143	3,497	3,640	3,665	32.6%
Distraction/Inattention	8	19	235	254	263	2.3%
Human Condition - Apparently Normal	18	139	4,716	4,855	4,873	43.3%
Any Human Condition	30	39	102	141	171	1.5%
Loss of consciousness/Blackout prior to collision	2	7	16	23	25	0.2%
Extreme fatigue/Fell asleep	1	5	20	25	26	0.2%
Defective eyesight	<1	1	<1	1	2	<0.1%
Defective hearing	-	-	-	-	-	-
Medical disability	-	3	7	10	10	<0.1%
Physical disability	-	-	<1	<1	<1	<0.1%
Mental disability	<1	1	2	3	3	<0.1%
Mental confusion/Inability to remember	<1	2	7	9	9	<0.1%
Sudden illness	<1	2	4	6	7	<0.1%
Exceed hours of service (commercial drivers only)	<1	<1	-	<1	<1	<0.1%
NET Impaired	26	21	55	76	102	0.9%
Ability impaired alcohol	18	14	43	57	75	0.7%
Ability impaired drugs	4	3	4	7	11	<0.1%
Had been drinking/Suspected alcohol use	9	6	10	16	25	0.2%

2021 Traffic Collision Statistics Report: Consolidated Tables

Table 9-2a

Contributing Factors for Each Victim of a Collision by Casualty Type: 2016-2020 Average (continued)

Contributing Factor	2016-2020 Average Count of Casualties					
	Killed	Serious Injury	Other Injuries	Total Injuries	Total Casualties	% of Total Casualties
No Apparent (Vehicle) Defect	33	297	10,113	10,410	10,443	92.8%
Any Vehicle Defect	1	2	34	36	38	0.3%
Defective brakes	-	<1	7	7	7	<0.1%
Defective steering	-	-	2	2	2	<0.1%
Defective headlights	-	-	<1	<1	<1	<0.1%
Defective brake lights	<1	<1	1	2	2	<0.1%
Defective lighting (unspecified)	<1	-	1	1	1	<0.1%
Defective engine controls/drive train	-	<1	1	1	1	<0.1%
Defective suspension/wheels	-	-	3	3	3	<0.1%
Defective tires	<1	<1	8	9	9	<0.1%
Tow hitch/yoke defective	-	<1	2	2	2	<0.1%
Defective exhaust system	-	-	-	-	-	-
Hood/taillgate/door/covering opened	<1	-	<1	<1	1	<0.1%
Defective glazing (obscured windows)	-	-	<1	<1	<1	<0.1%
Vehicle modifications	-	-	<1	<1	<1	<0.1%
Fire	-	-	<1	<1	<1	<0.1%
Overloaded/oversized	-	-	-	-	-	-
Load shifted/spilled	-	-	2	2	2	<0.1%
Jack-knife/trailer swing	-	<1	2	2	2	<0.1%
Hydroplaning tires	-	<1	1	1	1	<0.1%
Any Environmental Condition	13	52	742	795	807	7.2%
Animal action - Wild	1	6	84	90	91	0.8%
Animal action - Domestic	-	<1	13	13	13	0.1%
Slippery road surface	4	23	441	464	468	4.2%
Snow drift	<1	2	13	15	15	0.1%
Obstruction/debris on roadway	<1	1	18	20	20	0.2%
View obstructed/limited	3	8	80	88	91	0.8%
Glare/reflection	<1	1	17	18	19	0.2%
Construction zone	<1	<1	4	5	5	<0.1%
Defective driving surface	<1	3	16	19	19	0.2%
Shoulders defective	<1	<1	1	2	2	<0.1%
Lane markings inadequate	-	-	1	1	1	<0.1%
Defective/inoperative traffic control device	<1	1	8	9	9	<0.1%
Weather	3	6	50	56	59	0.5%
Pedestrian corridor in use	<1	3	15	18	18	0.2%
Uninvolved vehicle	<1	1	8	9	9	<0.1%
Uninvolved pedestrian	-	<1	5	5	5	<0.1%
Presence of prior accident	<1	<1	3	3	3	<0.1%
No Contributing Factor(s) Identified	4	14	296	310	314	2.8%
Not Stated	<1	1	11	12	12	0.1%
<b>Total</b>	<b>81</b>	<b>409</b>	<b>10,761</b>	<b>11,170</b>	<b>11,250</b>	<b>100%</b>

Note: Counts of victims in the 2016-2020 average may not add to the total due to rounding.

\*Note: For each vehicle and/or driver involved in a collision, up to three contributing factors can be recorded. Because multiple factors can be noted, the counts and percentages under each casualty type will add to more than the total victims of that casualty type.

"Other Injuries" includes injuries defined as "Minor", "Minimal" and "Other", or undefined in severity.

Any at-fault factor (previous 5-year average)	72	352	1,468	6,457	122	1.1%
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2021 Traffic Collision Statistics Report: Consolidated Tables

Table 9-3  
Drivers Involved in Collisions by Contributing Factors and Collision Severity: 2021

Contributing Factor	2021 Collision Severity						2021 Total Drivers	% of 2021 Total Drivers
	Fatal	% of Total Fatal	Injury	% of Total Injury	PDO	% of Total PDO		
Driver Action - Driving Properly and Human Condition - Apparently Normal	35	35.0%	5,379	54.1%	24,355	52.7%	29,769	52.9%
Driver Action - Driving properly	4	4.0%	72	0.7%	1,696	3.7%	1,772	3.2%
Any Driver Action	53	53.0%	4,109	41.3%	16,548	35.8%	20,710	36.8%
Following too closely	3	3.0%	1,005	10.1%	2,455	5.3%	3,463	6.2%
Turning improperly	2	2.0%	458	4.6%	1,278	2.8%	1,738	3.1%
Passing improperly	2	2.0%	23	0.2%	80	0.2%	105	0.2%
Changing lanes improperly	0	-	257	2.6%	1,286	2.8%	1,543	2.7%
Fail to yield right-of-way	4	4.0%	474	4.8%	1,014	2.2%	1,492	2.7%
Disobey traffic control device/officer	5	5.0%	154	1.5%	215	0.5%	374	0.7%
Drive wrong way on roadway	1	1.0%	5	<0.1%	10	<0.1%	16	<0.1%
Passing a vehicle at pedestrian X-walk	0	-	1	<0.1%	0	-	1	<0.1%
Back unsafely	0	-	115	1.2%	2,518	5.5%	2,633	4.7%
Parking improperly	0	-	5	<0.1%	100	0.2%	105	0.2%
Lost control/Drive off road	10	10.0%	135	1.4%	676	1.5%	821	1.5%
Driverless vehicle ran out of control	0	-	1	<0.1%	12	<0.1%	13	<0.1%
Leave stop sign before safe to do so	3	3.0%	195	2.0%	316	0.7%	514	0.9%
Failed to signal	0	-	2	<0.1%	9	<0.1%	11	<0.1%
Take avoiding action	1	1.0%	48	0.5%	254	0.5%	303	0.5%
Driver inexperience	2	2.0%	20	0.2%	89	0.2%	111	0.2%
Pedestrian error/confusion	1	1.0%	2	<0.1%	5	<0.1%	8	<0.1%
NET Speed	13	13.0%	363	3.7%	1,620	3.5%	1,996	3.5%
Exceeding speed limit	7	7.0%	2	<0.1%	1	<0.1%	10	<0.1%
Driving too fast for conditions	7	7.0%	357	3.6%	1,613	3.5%	1,977	3.5%
Unsafe operating speed (Too fast or too slow)	0	-	5	<0.1%	7	<0.1%	12	<0.1%
NET Distracted driving	32	32.0%	1,993	20.1%	8,688	18.8%	10,713	19.0%
Careless Driving	28	28.0%	1,931	19.4%	8,513	18.4%	10,472	18.6%
Distraction/Inattention	7	7.0%	125	1.3%	379	0.8%	511	0.9%
Human Condition - Apparently Normal	16	16.0%	2,195	22.1%	11,207	24.3%	13,418	23.9%
Any Human Condition	17	17.0%	74	0.7%	98	0.2%	189	0.3%
Loss of consciousness/Blackout prior to collision	2	2.0%	19	0.2%	14	<0.1%	35	<0.1%
Extreme fatigue/Fell asleep	2	2.0%	20	0.2%	36	<0.1%	58	0.1%
Defective eyesight	0	-	1	<0.1%	0	-	1	<0.1%
Defective hearing	0	-	0	-	0	-	0	-
Medical disability	1	1.0%	2	<0.1%	3	<0.1%	6	<0.1%
Physical disability	0	-	0	-	0	-	0	-
Mental disability	0	-	0	-	1	<0.1%	1	<0.1%
Mental confusion/Inability to remember	0	-	5	<0.1%	7	<0.1%	12	<0.1%
Sudden illness	0	-	2	<0.1%	1	<0.1%	3	<0.1%
Exceed hours of service (commercial drivers only)	0	-	0	-	0	-	0	-
NET Impaired	13	13.0%	31	0.3%	43	<0.1%	87	0.2%
Ability impaired alcohol	7	7.0%	24	0.2%	34	<0.1%	65	0.1%
Ability impaired drugs	0	-	3	<0.1%	4	<0.1%	7	<0.1%
Had been drinking/Suspected alcohol use	7	7.0%	5	<0.1%	7	<0.1%	19	<0.1%

2021 Traffic Collision Statistics Report: Consolidated Tables

Table 9-3  
Drivers Involved in Collisions by Contributing Factors and Collision Severity: 2021 (continued)

Contributing Factor	2021 Collision Severity						2021 Total Drivers	% of 2021 Total Drivers
	Fatal	% of Total Fatal	Injury	% of Total Injury	PDO	% of Total PDO		
No Apparent (Vehicle) Defect	58	58.0%	7,610	76.6%	36,224	78.4%	43,892	78.0%
Any Vehicle Defect	1	1.0%	15	0.2%	263	0.6%	279	0.5%
Defective brakes	0	-	1	<0.1%	7	<0.1%	8	<0.1%
Defective steering	1	1.0%	0	-	3	<0.1%	4	<0.1%
Defective headlights	0	-	0	-	0	-	0	-
Defective brake lights	0	-	0	-	4	<0.1%	4	<0.1%
Defective lighting (unspecified)	0	-	0	-	1	<0.1%	1	<0.1%
Defective engine controls/drive train	0	-	2	<0.1%	4	<0.1%	6	<0.1%
Defective suspension/wheels	0	-	2	<0.1%	69	0.1%	71	0.1%
Defective tires	0	-	6	<0.1%	88	0.2%	94	0.2%
Tow hitch/yoke defective	0	-	1	<0.1%	12	<0.1%	13	<0.1%
Defective exhaust system	0	-	0	-	0	-	0	-
Hood/tailgate/door/covering opened	0	-	0	-	6	<0.1%	6	<0.1%
Defective glazing (obscured windows)	0	-	0	-	0	-	0	-
Vehicle modifications	0	-	0	-	0	-	0	-
Fire	0	-	1	<0.1%	0	-	1	<0.1%
Overloaded/oversized	0	-	0	-	6	<0.1%	6	<0.1%
Load shifted/spilled	0	-	2	<0.1%	23	-	1	<0.1%
Jack-knife/trailer swing	0	-	0	-	47	0.1%	47	<0.1%
Hydroplaning tires	0	-	0	-	1	<0.1%	1	<0.1%
Any Environmental Condition	12	12.0%	331	3.3%	5,528	12.0%	5,871	10.4%
Animal action - Wild	1	1.0%	88	0.9%	4,275	9.3%	4,364	7.8%
Animal action - Domestic	0	-	12	0.1%	24	<0.1%	36	<0.1%
Slippery road surface	3	3.0%	142	1.4%	800	1.7%	945	1.7%
Snow drift	0	-	3	<0.1%	41	<0.1%	44	<0.1%
Obstruction/debris on roadway	0	-	7	<0.1%	145	0.3%	152	0.3%
View obstructed/limited	2	2.0%	32	0.3%	102	0.2%	136	0.2%
Glare/reflection	2	2.0%	5	<0.1%	21	<0.1%	28	<0.1%
Construction zone	0	-	4	<0.1%	8	<0.1%	12	<0.1%
Defective driving surface	0	-	7	<0.1%	50	0.1%	57	0.1%
Shoulders defective	0	-	0	-	4	<0.1%	4	<0.1%
Lane markings inadequate	0	-	1	<0.1%	4	<0.1%	5	<0.1%
Defective/inoperative traffic control device	0	-	5	<0.1%	7	<0.1%	12	<0.1%
Weather	5	5.0%	31	0.3%	79	0.2%	115	0.2%
Pedestrian corridor in use	0	-	5	<0.1%	3	<0.1%	8	<0.1%
Uninvolved vehicle	0	-	2	<0.1%	13	<0.1%	15	<0.1%
Uninvolved pedestrian	0	-	1	<0.1%	4	<0.1%	5	<0.1%
Presence of prior accident	0	-	0	-	0	-	0	-
No Contributing Factor(s) Identified	0	-	222	2.2%	441	1.0%	663	1.2%
Not Stated	0	-	3	<0.1%	18	<0.1%	21	<0.1%
<b>Total</b>	<b>100</b>	<b>100%</b>	<b>9,938</b>	<b>100.0%</b>	<b>46,200</b>	<b>100.0%</b>	<b>56,238</b>	<b>100.0%</b>
*Note: For each vehicle and/or driver involved in a collision, up to three contributing factors can be recorded. Because multiple factors can be noted, the counts and percentages under each collision severity will add to more than the total collisions of that severity.								
Drivers not at-fault in current year	42	42.0%	5,427	54.6%	24,320	52.6%	29,789	53.0%

2021 Traffic Collision Statistics Report: Consolidated Tables

Table 9-3a

Drivers Involved in Collisions by Contributing Factors and Collision Severity: 2016-2020 Average

Contributing Factor	2016-2020 Average Count of Drivers				
	Fatal	Injury	PDO	Total Drivers	% of Total Drivers
Driver Action - Driving Properly and Human Condition - Apparently Normal	33	8,010	26,495	34,538	53.5%
Driver Action - Driving properly	<1	48	322	371	0.6%
Any Driver Action	56	6,229	19,745	26,030	40.4%
Following too closely	<1	1,834	3,327	5,162	8.0%
Turning improperly	2	686	1,656	2,344	3.6%
Passing improperly	2	29	95	126	0.2%
Changing lanes improperly	1	349	1,595	1,945	3.0%
Fail to yield right-of-way	6	743	1,351	2,100	3.3%
Disobey traffic control device/officer	5	219	241	465	0.7%
Drive wrong way on roadway	3	5	10	18	<0.1%
Passing a vehicle at pedestrian X-walk	-	<1	<1	<1	<0.1%
Back unsafely	<1	226	2,972	3,198	5.0%
Parking improperly	<1	10	125	135	0.2%
Lost control/Drive off road	10	270	1,009	1,288	2.0%
Driverless vehicle ran out of control	<1	8	20	28	<0.1%
Leave stop sign before safe to do so	3	271	470	745	1.2%
Failed to signal	-	6	10	15	<0.1%
Take avoiding action	1	74	359	435	0.7%
Driver inexperience	1	35	114	150	0.2%
Pedestrian error/confusion	2	9	18	29	<0.1%
NET Speed	17	606	2,163	2,787	4.3%
Exceeding speed limit	9	6	11	25	<0.1%
Driving too fast for conditions	6	593	2,141	2,740	4.2%
Unsafe operating speed (Too fast or too slow)	3	9	14	26	<0.1%
NET Distracted driving	26	2,892	10,348	13,266	20.6%
Careless Driving	22	2,802	10,140	12,963	20.1%
Distraction/Inattention	7	174	452	633	1.0%
Human Condition - Apparently Normal	12	3,684	13,967	17,663	27.4%
Any Human Condition	24	89	126	239	0.4%
Loss of consciousness/Blackout prior to collision	2	19	17	38	<0.1%
Extreme fatigue/Fell asleep	1	20	40	61	<0.1%
Defective eyesight	<1	<1	1	2	<0.1%
Defective hearing	-	-	<1	<1	<0.1%
Medical disability	-	7	4	11	<0.1%
Physical disability	-	<1	1	1	<0.1%
Mental disability	<1	2	<1	3	<0.1%
Mental confusion/Inability to remember	<1	7	9	17	<0.1%
Sudden illness	<1	5	2	8	<0.1%
Exceed hours of service (commercial drivers only)	<1	<1	-	<1	<0.1%
NET Impaired	20	38	57	116	0.2%
Ability impaired alcohol	15	30	49	94	0.1%
Ability impaired drugs	3	3	3	9	<0.1%
Had been drinking/Suspected alcohol use	6	7	7	19	<0.1%

2021 Traffic Collision Statistics Report: Consolidated Tables

Table 9-3a

Drivers Involved in Collisions by Contributing Factors and Collision Severity: 2016-2020 Average (continued)

Contributing Factor	2016-2020 Average Count of Drivers				
	Fatal	Injury	PDO	Total Drivers	% of Total Drivers
No Apparent (Vehicle) Defect	40	11,704	40,210	51,954	80.5%
Any Vehicle Defect	1	26	243	270	0.4%
Defective brakes	-	5	15	20	<0.1%
Defective steering	-	1	4	5	<0.1%
Defective headlights	-	<1	<1	1	<0.1%
Defective brake lights	<1	<1	4	5	<0.1%
Defective lighting (unspecified)	<1	<1	<1	2	<0.1%
Defective engine controls/drive train	-	1	5	6	<0.1%
Defective suspension/wheels	-	3	51	54	<0.1%
Defective tires	<1	6	67	73	0.1%
Tow hitch/yoke defective	-	2	11	12	<0.1%
Defective exhaust system	-	-	<1	<1	<0.1%
Hood/tailgate/door/covering opened	<1	<1	6	7	<0.1%
Defective glazing (obscured windows)	-	<1	<1	1	<0.1%
Vehicle modifications	-	<1	1	2	<0.1%
Fire	-	<1	1	1	<0.1%
Overloaded/oversized	-	-	4	4	<0.1%
Load shifted/spilled	-	2	20	22	<0.1%
Jack-knife/trailer swing	-	2	53	55	<0.1%
Hydroplaning tires	-	1	3	4	<0.1%
Any Environmental Condition	11	592	4,283	4,886	7.6%
Animal action - Wild	1	79	2,334	2,414	3.7%
Animal action - Domestic	-	10	42	52	<0.1%
Slippery road surface	4	355	1,294	1,653	2.6%
Snow drift	<1	10	71	81	0.1%
Obstruction/debris on roadway	<1	14	202	216	0.3%
View obstructed/limited	2	55	135	191	0.3%
Glare/reflection	<1	12	23	36	<0.1%
Construction zone	<1	3	12	15	<0.1%
Defective driving surface	<1	15	87	103	0.2%
Shoulders defective	<1	<1	4	4	<0.1%
Lane markings inadequate	-	<1	4	5	<0.1%
Defective/inoperative traffic control device	<1	5	7	11	<0.1%
Weather	3	38	103	144	0.2%
Pedestrian corridor in use	-	5	8	13	<0.1%
Uninvolved vehicle	-	4	14	17	<0.1%
Uninvolved pedestrian	-	1	1	2	<0.1%
Presence of prior accident	<1	2	2	4	<0.1%
No Contributing Factor(s) Identified	1	195	439	636	1.0%
Not Stated	-	7	29	36	<0.1%
<b>Total</b>	<b>104</b>	<b>14,718</b>	<b>49,677</b>	<b>64,499</b>	<b>100%</b>

Note: Counts of drivers in the 2016-2020 average may not add to the total due to rounding.

\*Note: For each vehicle and/or driver involved in a collision, up to three contributing factors can be recorded. Because multiple factors can be noted, the counts and percentages under each collision severity will add to more than the total collisions of that severity.

2021 Traffic Collision Statistics Report: Consolidated Tables

Table 9-4  
 Driver Involvement Rate (per 10,000 Licensed Drivers) in Collisions by Contributing Factors and Collision Severity: 2021, 2016-2020 Average

Contributing Factor	2021 Collision Severity			2021 Total	2016-2020 Average			
	Fatal	Injury	PDO		Fatal	Injury	PDO	Total
Any Driver Action	0.6	42.9	172.8	<b>216.2</b>	0.6	67.8	214.8	283.2
Following too closely	<0.1	10.5	25.6	<b>36.2</b>	<0.1	20.0	36.2	56.2
Turning improperly	<0.1	4.8	13.3	<b>18.1</b>	<0.1	7.5	18.0	25.5
Passing improperly	<0.1	0.2	0.8	<b>1.1</b>	<0.1	0.3	1.0	1.4
Changing lanes improperly	-	2.7	13.4	<b>16.1</b>	<0.1	3.8	17.3	21.2
Fail to yield right-of-way	<0.1	4.9	10.6	<b>15.6</b>	<0.1	8.1	14.7	22.8
Disobey traffic control device/officer	<0.1	1.6	2.2	<b>3.9</b>	<0.1	2.4	2.6	5.1
Drive wrong way on roadway	<0.1	<0.1	0.1	<b>0.2</b>	<0.1	<0.1	0.1	0.2
Passing a vehicle at pedestrian X-walk	-	<0.1	-	<b>&lt;0.1</b>	-	<0.1	<0.1	<0.1
Back unsafely	-	1.2	26.3	<b>27.5</b>	<0.1	2.5	32.3	34.8
Parking improperly	-	<0.1	1.0	<b>1.1</b>	<0.1	0.1	1.4	1.5
Lost control/Drive off road	0.1	1.4	7.1	<b>8.6</b>	0.1	2.9	11.0	14.0
Driverless vehicle ran out of control	-	<0.1	0.1	<b>0.1</b>	<0.1	<0.1	0.2	0.3
Leave stop sign before safe to do so	<0.1	2.0	3.3	<b>5.4</b>	<0.1	3.0	5.1	8.1
Failed to signal	-	<0.1	<0.1	<b>0.1</b>	-	<0.1	0.1	0.2
Take avoiding action	<0.1	0.5	2.7	<b>3.2</b>	<0.1	0.8	3.9	4.7
Driver inexperience	<0.1	0.2	0.9	<b>1.2</b>	<0.1	0.4	1.2	1.6
Pedestrian error/confusion	<0.1	<0.1	<0.1	<b>&lt;0.1</b>	<0.1	<0.1	0.2	0.3
NET Speed	0.1	3.8	16.9	<b>20.8</b>	0.2	6.6	23.5	30.3
Exceeding speed limit	<0.1	<0.1	<0.1	<b>0.1</b>	<0.1	<0.1	0.1	0.3
Driving too fast for conditions	<0.1	3.7	16.8	<b>20.6</b>	<0.1	6.4	23.3	29.8
Unsafe operating speed (Too fast or too slow)	-	<0.1	<0.1	<b>0.1</b>	<0.1	<0.1	0.2	0.3
NET Distracted driving	0.3	20.8	90.7	<b>111.9</b>	0.3	31.5	112.6	144.3
Careless Driving	0.3	20.2	88.9	<b>109.3</b>	0.2	30.5	110.3	141.0
Distraction/Inattention	<0.1	1.3	4.0	<b>5.3</b>	<0.1	1.9	4.9	6.9
Any Human Condition	0.2	0.8	1.0	<b>2.0</b>	0.3	1.0	1.4	2.6
Loss of consciousness/Blackout prior to collision	<0.1	0.2	0.1	<b>0.4</b>	<0.1	0.2	0.2	0.4
Extreme fatigue/Fell asleep	<0.1	0.2	0.4	<b>0.6</b>	<0.1	0.2	0.4	0.7
Defective eyesight	-	<0.1	-	<b>&lt;0.1</b>	<0.1	<0.1	<0.1	<0.1
Defective hearing	-	-	-	<b>-</b>	-	-	<0.1	<0.1
Medical disability	<0.1	<0.1	<0.1	<b>&lt;0.1</b>	-	<0.1	<0.1	0.1
Physical disability	-	-	-	<b>-</b>	-	<0.1	<0.1	<0.1
Mental disability	-	-	<0.1	<b>&lt;0.1</b>	<0.1	<0.1	<0.1	<0.1
Mental confusion/Inability to remember	-	<0.1	<0.1	<b>0.1</b>	<0.1	<0.1	0.1	0.2
Sudden illness	-	<0.1	<0.1	<b>&lt;0.1</b>	<0.1	<0.1	<0.1	<0.1
Exceed hours of service (commercial drivers only)	-	-	-	<b>-</b>	<0.1	<0.1	-	<0.1
NET Impaired	0.1	0.3	0.4	<b>0.9</b>	0.2	0.4	0.6	1.3
Ability impaired alcohol	<0.1	0.3	0.4	<b>0.7</b>	0.2	0.3	0.5	1.0
Ability impaired drugs	-	<0.1	<0.1	<b>&lt;0.1</b>	<0.1	<0.1	<0.1	<0.1
Had been drinking/Suspected alcohol use	<0.1	<0.1	<0.1	<b>0.2</b>	<0.1	<0.1	<0.1	0.2

2021 Traffic Collision Statistics Report: Consolidated Tables

Table 9-4  
 Driver Involvement Rate (per 10,000 Licensed Drivers) in Collisions by Contributing Factors and Collision Severity: 2021, 2016-2020 Average (continued)

Contributing Factor	2021 Collision Severity			2021 Total	2016-2020 Average			
	Fatal	Injury	PDO		Fatal	Injury	PDO	Total
Any Vehicle Defect	<0.1	0.2	2.7	<b>2.9</b>	<0.1	0.3	2.6	2.9
Defective brakes	-	<0.1	<0.1	<b>&lt;0.1</b>	-	<0.1	0.2	0.2
Defective steering	<0.1	-	<0.1	<b>&lt;0.1</b>	-	<0.1	<0.1	<0.1
Defective headlights	-	-	-	-	-	<0.1	<0.1	<0.1
Defective brake lights	-	-	<0.1	<b>&lt;0.1</b>	<0.1	<0.1	<0.1	<0.1
Defective lighting (unspecified)	-	-	<0.1	<b>&lt;0.1</b>	<0.1	<0.1	<0.1	<0.1
Defective engine controls/drive train	-	<0.1	<0.1	<b>&lt;0.1</b>	-	<0.1	<0.1	<0.1
Defective suspension/wheels	-	<0.1	0.7	<b>0.7</b>	-	<0.1	0.6	0.6
Defective tires	-	<0.1	0.9	<b>1.0</b>	<0.1	<0.1	0.7	0.8
Tow hitch/yoke defective	-	<0.1	0.1	<b>0.1</b>	-	<0.1	0.1	0.1
Defective exhaust system	-	-	-	-	-	-	<0.1	<0.1
Hood/tailgate/door/covering opened	-	-	<0.1	<b>&lt;0.1</b>	<0.1	<0.1	<0.1	<0.1
Defective glazing (obscured windows)	-	-	-	-	-	<0.1	<0.1	<0.1
Vehicle modifications	-	-	-	-	-	<0.1	<0.1	<0.1
Fire	-	<0.1	-	<b>&lt;0.1</b>	-	<0.1	<0.1	<0.1
Overloaded/oversized	-	-	<0.1	<b>&lt;0.1</b>	-	-	<0.1	<0.1
Load shifted/spilled	-	<0.1	0.2	<b>&lt;0.1</b>	-	<0.1	0.2	0.2
Jack-knife/trailer swing	-	-	0.5	<b>0.5</b>	-	<0.1	0.6	0.6
Hydroplaning tires	-	-	<0.1	<b>&lt;0.1</b>	-	<0.1	<0.1	<0.1
Any Environmental Condition	0.1	3.5	57.7	<b>61.3</b>	0.1	6.4	46.6	53.2
Animal action - Wild	<0.1	0.9	44.6	<b>45.6</b>	<0.1	0.9	25.4	26.3
Animal action - Domestic	-	0.1	0.3	<b>0.4</b>	-	0.1	0.5	0.6
Slippery road surface	<0.1	1.5	8.4	<b>9.9</b>	<0.1	3.9	14.1	18.0
Snow drift	-	<0.1	0.4	<b>0.5</b>	<0.1	0.1	0.8	0.9
Obstruction/debris on roadway	-	<0.1	1.5	<b>1.6</b>	<0.1	0.2	2.2	2.4
View obstructed/limited	<0.1	0.3	1.1	<b>1.4</b>	<0.1	0.6	1.5	2.1
Glare/reflection	<0.1	<0.1	0.2	<b>0.3</b>	<0.1	0.1	0.3	0.4
Construction zone	-	<0.1	<0.1	<b>0.1</b>	<0.1	<0.1	0.1	0.2
Defective driving surface	-	<0.1	0.5	<b>0.6</b>	<0.1	0.2	1.0	1.1
Shoulders defective	-	-	<0.1	<b>&lt;0.1</b>	<0.1	<0.1	<0.1	<0.1
Lane markings inadequate	-	<0.1	<0.1	<b>&lt;0.1</b>	-	<0.1	<0.1	<0.1
Defective/inoperative traffic control device	-	<0.1	<0.1	<b>0.1</b>	<0.1	<0.1	<0.1	0.1
Weather	<0.1	0.3	0.8	<b>1.2</b>	<0.1	0.4	1.1	1.6
Pedestrian corridor in use	-	<0.1	<0.1	<b>&lt;0.1</b>	-	<0.1	<0.1	0.1
Uninvolved vehicle	-	<0.1	0.1	<b>0.2</b>	-	<0.1	0.2	0.2
Uninvolved pedestrian	-	<0.1	<0.1	<b>&lt;0.1</b>	-	<0.1	<0.1	<0.1
Presence of prior accident	-	-	-	-	<0.1	<0.1	<0.1	<0.1

2021 Traffic Collision Statistics Report: Consolidated Tables

Table 9-5  
Driver Involvement Rate (per 10,000 Licensed Drivers) in All Collisions by Contributing Factors and Age Group: 2021

Contributing Factor	Age Group						
	16-19	20-24	25-34	35-44	45-54	55-64	65+
Any Driver Action	378.5	359.3	261.4	220.1	193.6	160.9	138.3
Following too closely	76.6	78.4	48.8	37.4	29.6	21.6	14.1
Turning improperly	32.9	30.6	21.0	17.6	15.8	13.5	13.1
Passing improperly	1.3	1.6	1.0	1.4	1.0	1.0	0.8
Changing lanes improperly	27.1	27.6	19.1	15.9	14.0	10.9	12.1
Fail to yield right-of-way	27.1	27.6	20.0	14.3	13.1	11.0	10.5
Disobey traffic control device/officer	6.3	7.8	4.3	4.7	3.6	2.2	2.4
Drive wrong way on roadway	0.4	0.4	0.5	<0.1	-	<0.1	<0.1
Passing a vehicle at pedestrian X-walk	-	-	-	-	-	-	<0.1
Back unsafely	23.8	22.2	22.4	29.0	30.4	31.0	28.6
Parking improperly	1.6	1.0	1.2	0.9	0.9	0.8	1.5
Lost control/Drive off road	26.7	14.5	12.9	8.1	5.9	5.4	3.1
Driverless vehicle ran out of control	-	0.1	0.2	0.1	0.2	0.1	0.1
Leave stop sign before safe to do so	8.1	10.0	6.5	4.2	4.7	3.6	4.8
Failed to signal	0.4	-	<0.1	0.2	<0.1	0.2	-
Take avoiding action	9.2	5.8	4.3	3.1	2.9	1.9	1.0
Driver inexperience	4.9	2.1	1.6	1.0	0.7	0.6	0.4
Pedestrian error/confusion	-	0.1	<0.1	<0.1	<0.1	0.3	-
NET Speed	51.3	37.7	29.4	21.8	18.5	11.1	8.2
Exceeding speed limit	-	0.4	0.1	0.2	-	<0.1	<0.1
Driving too fast for conditions	50.6	37.4	29.2	21.6	18.4	11.0	8.1
Unsafe operating speed (Too fast or too slow)	0.7	0.2	0.1	0.1	0.1	-	<0.1
NET Distracted driving	192.7	182.1	135.9	112.6	99.7	85.6	72.7
Careless Driving	186.4	178.8	132.5	110.2	98.1	83.7	70.8
Distraction/Inattention	12.8	6.7	6.9	5.3	3.5	3.8	4.2
Any Human Condition	3.4	4.1	3.3	1.9	0.8	1.2	1.2
Loss of consciousness/Blackout prior to collision	0.7	0.4	0.2	0.3	0.2	0.4	0.6
Extreme fatigue/Fell asleep	1.1	2.0	1.2	0.4	0.3	0.3	0.1
Defective eyesight	-	-	-	-	-	-	<0.1
Defective hearing	-	-	-	-	-	-	-
Medical disability	-	-	0.1	-	-	0.1	0.1
Physical disability	-	-	-	-	-	-	-
Mental disability	-	-	<0.1	-	-	-	-
Mental confusion/Inability to remember	0.2	0.1	<0.1	-	-	0.1	0.4
Sudden illness	-	-	-	0.1	-	-	<0.1
Exceed hours of service (commercial drivers only)	-	-	-	-	-	-	-
NET Impaired	1.8	1.8	1.7	1.2	0.4	0.6	<0.1
Ability impaired alcohol	1.3	1.4	1.4	0.8	0.3	0.4	<0.1
Ability impaired drugs	0.2	0.1	0.1	0.1	<0.1	-	-
Had been drinking/Suspected alcohol use	0.4	0.4	0.3	0.3	<0.1	0.2	-

2021 Traffic Collision Statistics Report: Consolidated Tables

Table 9-5  
 Driver Involvement Rate (per 10,000 Licensed Drivers) in All Collisions by Contributing Factors and Age Group: 2021 (continued)

Contributing Factor	Age Group						
	16-19	20-24	25-34	35-44	45-54	55-64	65+
Any Vehicle Defect	3.6	1.4	1.4	0.8	0.3	0.4	0.1
Defective brakes	-	0.2	0.1	<0.1	0.2	-	-
Defective steering	0.2	-	<0.1	-	<0.1	-	<0.1
Defective headlights	-	-	-	-	-	-	-
Defective brake lights	-	0.2	-	<0.1	-	<0.1	-
Defective lighting (unspecified)	-	-	<0.1	-	-	-	-
Defective engine controls/drive train	-	-	<0.1	<0.1	0.1	0.1	-
Defective suspension/wheels	1.6	1.1	0.7	1.1	0.7	0.6	0.3
Defective tires	1.3	1.4	1.2	1.0	1.0	1.0	0.6
Tow hitch/yoke defective	-	0.1	0.2	0.1	0.2	<0.1	0.2
Defective exhaust system	-	-	-	-	-	-	-
Hood/tailgate/door/covering opened	-	-	<0.1	-	0.1	0.1	<0.1
Defective glazing (obscured windows)	-	-	-	-	-	-	-
Vehicle modifications	-	-	-	-	-	-	-
Fire	-	0.1	-	-	-	-	-
Overloaded/oversized	0.2	0.1	0.1	<0.1	-	<0.1	-
Load shifted/spilled	-	0.1	0.3	0.1	0.3	0.5	0.2
Jack-knife/trailer swing	0.2	0.7	0.3	0.4	0.6	0.8	0.4
Hydroplaning tires	-	-	-	<0.1	-	-	-
Any Environmental Condition	82.7	90.5	71.9	70.2	64.2	55.6	30.1
Animal action - Wild	56.9	62.8	51.7	54.2	49.1	44.2	21.7
Animal action - Domestic	0.4	0.4	0.5	0.5	0.3	0.4	0.2
Slippery road surface	21.3	20.0	13.2	10.5	9.0	6.0	3.4
Snow drift	0.4	0.2	0.5	0.7	0.7	0.3	0.3
Obstruction/debris on roadway	0.7	1.7	2.1	0.9	1.7	1.8	1.7
View obstructed/limited	1.8	2.1	2.1	1.2	1.0	1.1	1.2
Glare/reflection	0.2	-	0.2	0.4	0.4	0.3	0.4
Construction zone	-	0.4	0.2	0.1	<0.1	0.1	<0.1
Defective driving surface	-	1.2	0.7	0.4	1.0	0.6	0.3
Shoulders defective	-	-	<0.1	<0.1	0.1	-	-
Lane markings inadequate	-	0.1	-	<0.1	<0.1	-	0.1
Defective/inoperative traffic control device	0.2	0.2	0.2	<0.1	0.1	0.1	<0.1
Weather	0.9	2.2	1.2	1.4	1.0	1.0	0.9
Pedestrian corridor in use	-	0.1	-	0.1	0.1	-	0.2
Uninvolved vehicle	-	0.2	0.1	0.3	-	0.1	0.2
Uninvolved pedestrian	-	-	0.2	-	<0.1	<0.1	-
Presence of prior accident	-	-	-	-	-	-	-
Any at-fault factor recorded in current year	443.4	433.4	320.7	280.6	251.2	212.3	164.7

2021 Traffic Collision Statistics Report: Consolidated Tables

Table 9-5a  
 Driver Involvement Rate (per 10,000 Licensed Drivers) in All Collisions by Contributing Factors and  
 Age Group: 2016-2020 Average

Contributing Factor	Age Group						
	16-19	20-24	25-34	35-44	45-54	55-64	65+
Any Driver Action	504.8	473.8	338.6	284.0	248.0	202.7	186.1
Following too closely	114.3	115.3	75.9	56.8	46.3	34.1	23.2
Turning improperly	44.1	42.9	29.7	24.2	21.6	18.1	19.9
Passing improperly	2.4	2.1	1.8	1.2	1.2	0.9	1.0
Changing lanes improperly	35.0	34.2	24.2	20.6	17.5	15.6	17.4
Fail to yield right-of-way	38.8	35.2	26.8	21.4	19.7	16.1	19.3
Disobey traffic control device/officer	7.5	8.7	6.3	5.2	4.1	3.5	3.7
Drive wrong way on roadway	0.6	0.3	0.2	0.1	0.1	0.1	0.2
Passing a vehicle at pedestrian X-walk	<0.1	-	<0.1	-	-	-	-
Back unsafely	35.9	29.3	30.5	37.1	38.7	36.9	33.2
Parking improperly	1.3	1.4	1.7	1.4	1.3	1.5	1.5
Lost control/Drive off road	38.0	29.8	18.4	14.0	10.6	7.4	5.1
Driverless vehicle ran out of control	0.5	0.3	0.4	0.4	0.3	0.2	0.2
Leave stop sign before safe to do so	13.9	11.2	9.1	7.9	7.4	5.7	7.1
Failed to signal	0.3	0.2	0.1	0.2	0.2	0.1	0.2
Take avoiding action	9.5	9.9	6.5	4.9	4.0	2.6	1.9
Driver inexperience	10.3	4.0	1.7	1.0	0.6	0.5	0.4
Pedestrian error/confusion	0.5	0.5	0.4	0.3	0.2	0.3	0.2
NET Speed	75.1	62.6	40.0	31.4	24.2	17.2	10.7
Exceeding speed limit	0.6	0.6	0.5	0.3	0.1	0.2	<0.1
Driving too fast for conditions	73.7	61.5	39.2	30.9	23.9	16.9	10.6
Unsafe operating speed (Too fast or too slow)	1.0	0.6	0.3	0.3	0.2	0.2	0.1
NET Distracted driving	251.6	236.7	172.0	143.5	125.9	104.6	99.2
Careless Driving	244.7	231.5	168.2	140.3	123.1	102.6	96.6
Distraction/Inattention	13.6	10.7	8.3	6.7	5.9	4.5	5.1
Any Human Condition	4.3	5.7	3.8	2.3	1.7	1.4	1.8
Loss of consciousness/Blackout prior to collision	0.5	0.5	0.4	0.3	0.3	0.4	0.5
Extreme fatigue/Fell asleep	1.8	1.7	1.1	0.5	0.4	0.2	0.3
Defective eyesight	-	-	<0.1	<0.1	-	<0.1	<0.1
Defective hearing	<0.1	-	-	-	-	-	<0.1
Medical disability	-	0.1	<0.1	<0.1	0.1	0.2	0.2
Physical disability	-	-	<0.1	<0.1	-	<0.1	<0.1
Mental disability	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Mental confusion/Inability to remember	-	0.2	0.1	<0.1	<0.1	0.1	0.5
Sudden illness	<0.1	0.1	<0.1	<0.1	<0.1	0.1	0.1
Exceed hours of service (commercial drivers only)	-	-	-	<0.1	<0.1	-	-
NET Impaired	1.9	3.3	2.1	1.4	0.8	0.6	0.2
Ability impaired alcohol	1.4	2.7	1.8	1.1	0.7	0.4	0.2
Ability impaired drugs	0.2	0.2	0.2	0.1	<0.1	<0.1	<0.1
Had been drinking/Suspected alcohol use	0.3	0.5	0.3	0.3	0.1	0.1	<0.1

2021 Traffic Collision Statistics Report: Consolidated Tables

Table 9-5a  
 Driver Involvement Rate (per 10,000 Licensed Drivers) in All Collisions by Contributing Factors and Age Group: 2016-2020 Average (continued)

Contributing Factor	Age Group						
	16-19	20-24	25-34	35-44	45-54	55-64	65+
Any Vehicle Defect	3.3	3.7	3.5	3.2	3.1	2.9	1.5
Defective brakes	0.4	0.4	0.3	0.2	0.2	0.2	<0.1
Defective steering	<0.1	<0.1	<0.1	0.1	<0.1	<0.1	<0.1
Defective headlights	<0.1	<0.1	<0.1	-	-	<0.1	<0.1
Defective brake lights	<0.1	0.2	<0.1	<0.1	<0.1	<0.1	<0.1
Defective lighting (unspecified)	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
Defective engine controls/drive train	<0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Defective suspension/wheels	0.7	0.6	0.8	0.6	0.6	0.6	0.2
Defective tires	1.2	1.2	1.1	0.8	0.7	0.7	0.4
Tow hitch/yoke defective	<0.1	<0.1	<0.1	0.2	0.2	0.1	0.1
Defective exhaust system	<0.1	-	-	<0.1	<0.1	-	-
Hood/tailgate/door/covering opened	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	<0.1
Defective glazing (obscured windows)	<0.1	<0.1	-	<0.1	-	<0.1	-
Vehicle modifications	-	<0.1	<0.1	<0.1	-	<0.1	<0.1
Fire	<0.1	<0.1	-	<0.1	<0.1	<0.1	<0.1
Overloaded/oversized	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Load shifted/spilled	0.1	0.3	0.4	0.2	0.3	0.2	<0.1
Jack-knife/trailer swing	0.2	0.4	0.6	0.7	0.8	0.7	0.4
Hydroplaning tires	<0.1	0.2	<0.1	<0.1	<0.1	-	<0.1
Any Environmental Condition	81.8	86.6	65.5	57.8	53.2	41.5	25.0
Animal action - Wild	31.2	36.8	30.5	29.4	29.3	24.1	12.7
Animal action - Domestic	1.1	0.8	0.7	0.7	0.5	0.3	0.3
Slippery road surface	37.6	34.6	24.1	18.8	15.2	11.1	7.3
Snow drift	1.3	1.6	1.1	1.2	0.7	0.6	0.4
Obstruction/debris on roadway	2.6	3.3	2.8	2.5	2.5	2.0	1.5
View obstructed/limited	3.3	3.5	2.6	2.1	2.1	1.4	1.2
Glare/reflection	0.4	0.6	0.4	0.4	0.5	0.2	0.4
Construction zone	<0.1	0.1	0.2	0.1	0.2	0.2	0.2
Defective driving surface	2.4	1.9	1.3	1.0	1.0	1.1	0.4
Shoulders defective	0.1	0.1	<0.1	<0.1	<0.1	-	<0.1
Lane markings inadequate	<0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Defective/inoperative traffic control device	0.2	0.3	0.2	<0.1	0.1	<0.1	0.1
Weather	2.7	3.3	1.8	1.8	1.4	1.0	0.7
Pedestrian corridor in use	0.2	0.3	0.1	0.2	0.2	<0.1	0.1
Uninvolved vehicle	0.2	0.4	0.2	0.2	0.2	<0.1	0.1
Uninvolved pedestrian	-	<0.1	<0.1	<0.1	<0.1	<0.1	-
Presence of prior accident	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Any at-fault factor recorded (previous 5-year average)	545.9	522.6	378.7	321.2	285.4	233.3	203.0

Table 9-6  
Summary of Contributing Factors to a Collision: 2016 to 2021

Contributing Factor	2016 Total Collisions	% of 2016 Total Collisions	2017 Total Collisions	% of 2017 Total Collisions	2018 Total Collisions	% of 2018 Total Collisions	2019 Total Collisions	% of 2019 Total Collisions	2020 Total Collisions	% of 2020 Total Collisions	2021 Total Collisions	% of 2021 Total Collisions
Driver Action - Driving Properly and Human Condition - Apparently Normal	32,255	71.2%	35,635	68.7%	38,772	74.9%	41,092	75.0%	30,524	68.8%	30,978	68.3%
Driver Action - Driving properly	429	0.9%	214	0.4%	210	0.4%	238	0.4%	784	1.8%	1,779	3.9%
Any Driver Action	26,859	59.3%	28,998	55.9%	26,597	51.4%	26,801	48.9%	19,703	44.4%	20,561	45.3%
Following too closely	6,763	14.9%	6,280	12.1%	5,090	9.8%	4,300	7.9%	3,347	7.5%	3,463	7.6%
Turning improperly	2,486	5.5%	2,762	5.3%	2,371	4.6%	2,397	4.4%	1,687	3.8%	1,735	3.8%
Passing improperly	164	0.4%	156	0.3%	124	0.2%	100	0.2%	82	0.2%	106	0.2%
Changing lanes improperly	2,080	4.6%	2,149	4.1%	1,977	3.8%	1,962	3.6%	1,333	3.0%	1,506	3.3%
Fail to yield right-of-way	2,358	5.2%	2,610	5.0%	2,142	4.1%	2,102	3.8%	1,342	3.0%	1,507	3.3%
Disobey traffic control device/officer	527	1.2%	558	1.1%	458	0.9%	421	0.8%	383	0.9%	374	0.8%
Drive wrong way on roadway	18	<0.1%	25	<0.1%	19	<0.1%	11	<0.1%	21	<0.1%	18	<0.1%
Passing a vehicle at pedestrian X-walk	0	-	3	<0.1%	0	-	1	<0.1%	0	-	1	<0.1%
Back unsafely	3,383	7.5%	3,496	6.7%	3,057	5.9%	3,036	5.5%	2,835	6.4%	2,614	5.8%
Parking improperly	181	0.4%	212	0.4%	111	0.2%	126	0.2%	111	0.3%	117	0.3%
Lost control/Drive off road	1,403	3.1%	1,347	2.6%	1,168	2.3%	1,686	3.1%	845	1.9%	824	1.8%
Driverless vehicle ran out of control	37	<0.1%	53	0.1%	28	<0.1%	19	<0.1%	17	<0.1%	20	<0.1%
Leave stop sign before safe to do so	861	1.9%	869	1.7%	661	1.3%	760	1.4%	547	1.2%	513	1.1%
Failed to signal	17	<0.1%	31	<0.1%	14	<0.1%	8	<0.1%	8	<0.1%	11	<0.1%
Take avoiding action	522	1.2%	544	1.0%	437	0.8%	431	0.8%	279	0.6%	311	0.7%
Driver inexperience	176	0.4%	235	0.5%	141	0.3%	108	0.2%	95	0.2%	114	0.3%
Pedestrian error/confusion	65	0.1%	71	0.1%	78	0.2%	65	0.1%	37	<0.1%	30	<0.1%
NET Speed	2,964	6.5%	3,692	7.1%	2,283	4.4%	2,903	5.3%	2,108	4.8%	2,002	4.4%
Exceeding speed limit	39	<0.1%	31	<0.1%	34	<0.1%	12	<0.1%	11	<0.1%	10	<0.1%
Driving too fast for conditions	2,890	6.4%	3,643	7.0%	2,227	4.3%	2,875	5.3%	2,077	4.7%	1,982	4.4%
Unsafe operating speed (Too fast or too slow)	42	<0.1%	23	<0.1%	24	<0.1%	21	<0.1%	23	<0.1%	13	<0.1%
NET Distracted driving	11,086	24.5%	15,403	29.7%	14,618	28.3%	13,922	25.4%	11,350	25.6%	10,736	23.7%
Careless Driving	10,560	23.3%	15,024	29.0%	14,388	27.8%	13,710	25.0%	11,133	25.1%	10,481	23.1%
Distraction/Inattention	787	1.7%	1,068	2.1%	512	1.0%	433	0.8%	448	1.0%	531	1.2%

Table 9-6  
Summary of Contributing Factors to a Collision: 2016 to 2021 (continued)

Contributing Factor	2016 Total Collisions	% of 2016 Total Collisions	2017 Total Collisions	% of 2017 Total Collisions	2018 Total Collisions	% of 2018 Total Collisions	2019 Total Collisions	% of 2019 Total Collisions	2020 Total Collisions	% of 2020 Total Collisions	2021 Total Collisions	% of 2021 Total Collisions
Human Condition - Apparently Normal	15,621	34.5%	20,107	38.8%	18,209	35.2%	19,561	35.7%	14,811	33.4%	13,403	29.5%
Any Human Condition	301	0.7%	278	0.5%	279	0.5%	208	0.4%	197	0.4%	199	0.4%
Loss of consciousness/Blackout prior to collision	40	<0.1%	54	0.1%	44	<0.1%	19	<0.1%	30	<0.1%	35	<0.1%
Extreme fatigue/Fell asleep	79	0.2%	70	0.1%	68	0.1%	44	<0.1%	43	<0.1%	59	0.1%
Defective eyesight	4	<0.1%	2	<0.1%	0	-	4	<0.1%	3	<0.1%	1	<0.1%
Defective hearing	2	<0.1%	0	-	1	<0.1%	0	-	0	-	0	-
Medical disability	11	<0.1%	15	<0.1%	15	<0.1%	11	<0.1%	6	<0.1%	7	<0.1%
Physical disability	4	<0.1%	3	<0.1%	0	-	0	-	2	<0.1%	0	-
Mental disability	4	<0.1%	3	<0.1%	7	<0.1%	1	<0.1%	4	<0.1%	2	<0.1%
Mental confusion/Inability to remember	24	<0.1%	19	<0.1%	18	<0.1%	16	<0.1%	10	<0.1%	13	<0.1%
Sudden illness	12	<0.1%	6	<0.1%	6	<0.1%	5	<0.1%	9	<0.1%	3	<0.1%
Exceed hours of service (commercial drivers only)	0	-	0	-	0	-	1	<0.1%	1	<0.1%	0	-
NET Impaired	145	0.3%	133	0.3%	139	0.3%	119	0.2%	99	0.2%	94	0.2%
Ability impaired alcohol	110	0.2%	109	0.2%	118	0.2%	93	0.2%	79	0.2%	68	0.1%
Ability impaired drugs	8	<0.1%	8	<0.1%	10	<0.1%	14	<0.1%	12	<0.1%	8	<0.1%
Had been drinking/Suspected alcohol use	34	<0.1%	27	<0.1%	18	<0.1%	22	<0.1%	17	<0.1%	23	<0.1%
No Apparent (Vehicle) Defect	38,760	85.5%	45,902	88.5%	47,017	90.9%	50,370	92.0%	38,996	87.9%	39,561	87.2%
Any Vehicle Defect	278	0.6%	342	0.7%	238	0.5%	239	0.4%	264	0.6%	283	0.6%
Defective brakes	30	<0.1%	31	<0.1%	14	<0.1%	15	<0.1%	13	<0.1%	9	<0.1%
Defective steering	2	<0.1%	5	<0.1%	5	<0.1%	6	<0.1%	6	<0.1%	4	<0.1%
Defective headlights	0	-	2	<0.1%	1	<0.1%	1	<0.1%	1	<0.1%	0	-
Defective brake lights	10	<0.1%	3	<0.1%	5	<0.1%	6	<0.1%	1	<0.1%	4	<0.1%
Defective lighting (unspecified)	2	<0.1%	4	<0.1%	2	<0.1%	0	-	1	<0.1%	2	<0.1%
Defective engine controls/drive train	9	<0.1%	7	<0.1%	8	<0.1%	3	<0.1%	2	<0.1%	7	<0.1%
Defective suspension/wheels	52	0.1%	58	0.1%	52	0.1%	44	<0.1%	64	0.1%	72	0.2%
Defective tires	70	0.2%	100	0.2%	70	0.1%	57	0.1%	69	0.2%	94	0.2%
Tow hitch/yoke defective	15	<0.1%	15	<0.1%	13	<0.1%	6	<0.1%	14	<0.1%	13	<0.1%
Defective exhaust system	0	-	0	-	0	-	1	<0.1%	2	<0.1%	0	-
Hood/tailgate/door/covering opened	13	<0.1%	5	<0.1%	4	<0.1%	8	<0.1%	4	<0.1%	6	<0.1%
Defective glazing (obscured windows)	2	<0.1%	1	<0.1%	1	<0.1%	1	<0.1%	0	-	0	-
Vehicle modifications	1	<0.1%	1	<0.1%	1	<0.1%	4	<0.1%	1	<0.1%	0	-
Fire	3	<0.1%	1	<0.1%	0	-	3	<0.1%	0	-	1	<0.1%
Overloaded/oversized	4	<0.1%	4	<0.1%	7	<0.1%	2	<0.1%	6	<0.1%	6	<0.1%
Load shifted/spilled	16	<0.1%	37	<0.1%	16	<0.1%	19	<0.1%	26	<0.1%	25	<0.1%
Jack-knife/trailer swing	51	0.1%	71	0.1%	40	<0.1%	59	0.1%	55	0.1%	47	0.1%
Hydroplaning tires	6	<0.1%	1	<0.1%	4	<0.1%	5	<0.1%	3	<0.1%	1	<0.1%

Table 9-6  
Summary of Contributing Factors to a Collision: 2016 to 2021 (continued)

Contributing Factor	2016 Total Collisions	% of 2016 Total Collisions	2017 Total Collisions	% of 2017 Total Collisions	2018 Total Collisions	% of 2018 Total Collisions	2019 Total Collisions	% of 2019 Total Collisions	2020 Total Collisions	% of 2020 Total Collisions	2021 Total Collisions	% of 2021 Total Collisions
Any Environmental Condition	4,556	10.1%	6,528	12.6%	3,726	7.2%	4,490	8.2%	5,361	12.1%	5,903	13.0%
Animal action - Wild	1,892	4.2%	3,437	6.6%	1,436	2.8%	1,302	2.4%	4,003	9.0%	4,364	9.6%
Animal action - Domestic	51	0.1%	67	0.1%	52	0.1%	55	0.1%	36	<0.1%	36	<0.1%
Slippery road surface	1,700	3.8%	2,029	3.9%	1,448	2.8%	2,269	4.1%	824	1.9%	950	2.1%
Snow drift	96	0.2%	98	0.2%	70	0.1%	123	0.2%	20	<0.1%	44	<0.1%
Obstruction/debris on roadway	255	0.6%	280	0.5%	172	0.3%	244	0.4%	137	0.3%	153	0.3%
View obstructed/limited	185	0.4%	235	0.5%	223	0.4%	230	0.4%	165	0.4%	144	0.3%
Glare/reflection	52	0.1%	35	<0.1%	36	<0.1%	51	<0.1%	21	<0.1%	29	<0.1%
Construction zone	23	<0.1%	21	<0.1%	19	<0.1%	17	<0.1%	9	<0.1%	15	<0.1%
Defective driving surface	121	0.3%	137	0.3%	119	0.2%	83	0.2%	55	0.1%	58	0.1%
Shoulders defective	8	<0.1%	3	<0.1%	4	<0.1%	3	<0.1%	3	<0.1%	4	<0.1%
Lane markings inadequate	7	<0.1%	4	<0.1%	5	<0.1%	4	<0.1%	2	<0.1%	5	<0.1%
Defective/inoperative traffic control device	13	<0.1%	17	<0.1%	13	<0.1%	11	<0.1%	8	<0.1%	14	<0.1%
Weather	198	0.4%	213	0.4%	138	0.3%	119	0.2%	89	0.2%	120	0.3%
Pedestrian corridor in use	26	<0.1%	45	<0.1%	33	<0.1%	37	<0.1%	23	<0.1%	20	<0.1%
Uninvolved vehicle	32	<0.1%	19	<0.1%	30	<0.1%	20	<0.1%	16	<0.1%	15	<0.1%
Uninvolved pedestrian	8	<0.1%	13	<0.1%	5	<0.1%	9	<0.1%	4	<0.1%	13	<0.1%
Presence of prior accident	2	<0.1%	1	<0.1%	10	<0.1%	7	<0.1%	4	<0.1%	0	-
No Contributing Factor(s) Identified	1,463	3.2%	427	0.8%	442	0.9%	837	1.5%	680	1.5%	725	1.6%
Not Stated	74	0.2%	52	0.1%	39	<0.1%	28	<0.1%	32	<0.1%	26	<0.1%
<b>Total</b>	<b>45,316</b>	<b>100%</b>	<b>51,844</b>	<b>100%</b>	<b>51,732</b>	<b>100%</b>	<b>54,755</b>	<b>100%</b>	<b>44,339</b>	<b>100%</b>	<b>45,361</b>	<b>100%</b>

Table 9-7  
Summary of Contributing Factors for Victims (Killed and Injured, Combined) of Collisions: 2016 to 2021

Contributing Factor	2016 Total Victims	% of 2016 Total Victims	2017 Total Victims	% of 2017 Total Victims	2018 Total Victims	% of 2018 Total Victims	2019 Total Victims	% of 2019 Total Victims	2020 Total Victims	% of 2020 Total Victims	2021 Total Victims	% of 2021 Total Victims
Driver Action - Driving Properly and Human Condition - Apparently Normal	10,726	84.8%	10,639	84.0%	10,309	85.5%	9,941	85.4%	6,051	83.6%	<b>6,317</b>	<b>83.0%</b>
Driver Action - Driving properly	147	1.2%	74	0.6%	61	0.5%	46	0.4%	40	0.6%	<b>97</b>	<b>1.3%</b>
Any Driver Action	9,171	72.5%	9,657	76.3%	8,883	73.7%	8,241	70.8%	5,163	71.3%	<b>5,350</b>	<b>70.3%</b>
Following too closely	3,302	26.1%	3,170	25.0%	2,519	20.9%	1,946	16.7%	1,338	18.5%	<b>1,315</b>	<b>17.3%</b>
Turning improperly	1,097	8.7%	1,122	8.9%	970	8.0%	948	8.1%	548	7.6%	<b>621</b>	<b>8.2%</b>
Passing improperly	63	0.5%	41	0.3%	48	0.4%	42	0.4%	24	0.3%	<b>32</b>	<b>0.4%</b>
Changing lanes improperly	452	3.6%	522	4.1%	445	3.7%	458	3.9%	306	4.2%	<b>309</b>	<b>4.1%</b>
Fail to yield right-of-way	1,120	8.9%	1,281	10.1%	1,116	9.3%	1,076	9.2%	654	9.0%	<b>675</b>	<b>8.9%</b>
Disobey traffic control device/officer	373	2.9%	409	3.2%	349	2.9%	355	3.0%	270	3.7%	<b>229</b>	<b>3.0%</b>
Drive wrong way on roadway	17	0.1%	26	0.2%	17	0.1%	7	<0.1%	14	0.2%	<b>8</b>	<b>0.1%</b>
Passing a vehicle at pedestrian X-walk	0	-	1	<0.1%	0	-	0	-	0	-	<b>1</b>	<b>&lt;0.1%</b>
Back unsafely	259	2.0%	293	2.3%	273	2.3%	283	2.4%	113	1.6%	<b>118</b>	<b>1.6%</b>
Parking improperly	19	0.2%	14	0.1%	14	0.1%	13	0.1%	4	<0.1%	<b>6</b>	<b>&lt;0.1%</b>
Lost control/Drive off road	439	3.5%	403	3.2%	340	2.8%	365	3.1%	182	2.5%	<b>186</b>	<b>2.4%</b>
Driverless vehicle ran out of control	16	0.1%	19	0.2%	8	<0.1%	4	<0.1%	3	<0.1%	<b>1</b>	<b>&lt;0.1%</b>
Leave stop sign before safe to do so	441	3.5%	436	3.4%	360	3.0%	360	3.1%	247	3.4%	<b>271</b>	<b>3.6%</b>
Failed to signal	8	<0.1%	14	0.1%	7	<0.1%	4	<0.1%	4	<0.1%	<b>3</b>	<b>&lt;0.1%</b>
Take avoiding action	111	0.9%	133	1.1%	95	0.8%	76	0.7%	55	0.8%	<b>56</b>	<b>0.7%</b>
Driver inexperience	62	0.5%	87	0.7%	46	0.4%	29	0.2%	18	0.2%	<b>36</b>	<b>0.5%</b>
Pedestrian error/confusion	34	0.3%	41	0.3%	42	0.3%	31	0.3%	22	0.3%	<b>17</b>	<b>0.2%</b>
NET Speed	977	7.7%	1,092	8.6%	665	5.5%	815	7.0%	548	7.6%	<b>505</b>	<b>6.6%</b>
Exceeding speed limit	54	0.4%	19	0.2%	26	0.2%	16	0.1%	28	0.4%	<b>19</b>	<b>0.2%</b>
Driving too fast for conditions	899	7.1%	1,064	8.4%	626	5.2%	786	6.7%	512	7.1%	<b>482</b>	<b>6.3%</b>
Unsafe operating speed (Too fast or too slow)	34	0.3%	11	<0.1%	14	0.1%	16	0.1%	9	0.1%	<b>9</b>	<b>0.1%</b>
NET Distracted driving	3,367	26.6%	4,662	36.8%	4,501	37.3%	3,820	32.8%	2,641	36.5%	<b>2,603</b>	<b>34.2%</b>
Careless Driving	3,142	24.8%	4,490	35.5%	4,411	36.6%	3,719	31.9%	2,561	35.4%	<b>2,503</b>	<b>32.9%</b>
Distraction/Inattention	350	2.8%	404	3.2%	203	1.7%	206	1.8%	150	2.1%	<b>181</b>	<b>2.4%</b>

Table 9-7  
Summary of Contributing Factors for Victims (Killed and Injured, Combined) of Collisions: 2016 to 2021 (continued)

Contributing Factor	2016 Total Victims	% of 2016 Total Victims	2017 Total Victims	% of 2017 Total Victims	2018 Total Victims	% of 2018 Total Victims	2019 Total Victims	% of 2019 Total Victims	2020 Total Victims	% of 2020 Total Victims	2021 Total Victims	% of 2021 Total Victims
Human Condition - Apparently Normal	4,564	36.1%	5,380	42.5%	5,630	46.7%	5,630	48.3%	3,159	43.6%	<b>2,897</b>	<b>38.1%</b>
Any Human Condition	206	1.6%	174	1.4%	184	1.5%	156	1.3%	135	1.9%	<b>148</b>	<b>1.9%</b>
Loss of consciousness/Blackout prior to collision	24	0.2%	34	0.3%	30	0.2%	15	0.1%	21	0.3%	<b>27</b>	<b>0.4%</b>
Extreme fatigue/Fell asleep	27	0.2%	24	0.2%	34	0.3%	23	0.2%	21	0.3%	<b>34</b>	<b>0.4%</b>
Defective eyesight	1	<0.1%	2	<0.1%	0	-	3	<0.1%	2	<0.1%	<b>1</b>	<b>&lt;0.1%</b>
Defective hearing	0	-	0	-	0	-	0	-	0	-	<b>0</b>	<b>-</b>
Medical disability	10	<0.1%	12	<0.1%	14	0.1%	10	<0.1%	4	<0.1%	<b>3</b>	<b>&lt;0.1%</b>
Physical disability	1	<0.1%	0	-	0	-	0	-	0	-	<b>0</b>	<b>-</b>
Mental disability	2	<0.1%	2	<0.1%	8	<0.1%	0	-	4	<0.1%	<b>2</b>	<b>&lt;0.1%</b>
Mental confusion/Inability to remember	8	<0.1%	13	0.1%	15	0.1%	9	<0.1%	2	<0.1%	<b>6</b>	<b>&lt;0.1%</b>
Sudden illness	10	<0.1%	4	<0.1%	6	<0.1%	4	<0.1%	9	0.1%	<b>3</b>	<b>&lt;0.1%</b>
Exceed hours of service (commercial drivers only)	0	-	0	-	0	-	1	<0.1%	1	<0.1%	<b>0</b>	<b>-</b>
NET Impaired	139	1.1%	104	0.8%	93	0.8%	99	0.9%	75	1.0%	<b>81</b>	<b>1.1%</b>
Ability impaired alcohol	93	0.7%	71	0.6%	79	0.7%	81	0.7%	51	0.7%	<b>52</b>	<b>0.7%</b>
Ability impaired drugs	16	0.1%	2	<0.1%	10	<0.1%	19	0.2%	9	0.1%	<b>6</b>	<b>&lt;0.1%</b>
Had been drinking/Suspected alcohol use	41	0.3%	38	0.3%	9	<0.1%	14	0.1%	24	0.3%	<b>26</b>	<b>0.3%</b>
No Apparent (Vehicle) Defect	11,462	90.6%	11,639	91.9%	11,402	94.6%	10,976	94.3%	6,736	93.1%	<b>7,035</b>	<b>92.5%</b>
Any Vehicle Defect	59	0.5%	52	0.4%	32	0.3%	23	0.2%	22	0.3%	<b>29</b>	<b>0.4%</b>
Defective brakes	9	<0.1%	18	0.1%	3	<0.1%	4	<0.1%	3	<0.1%	<b>4</b>	<b>&lt;0.1%</b>
Defective steering	0	-	2	<0.1%	3	<0.1%	3	<0.1%	2	<0.1%	<b>3</b>	<b>&lt;0.1%</b>
Defective headlights	0	-	1	<0.1%	0	-	0	-	0	-	<b>0</b>	<b>-</b>
Defective brake lights	8	<0.1%	0	-	1	<0.1%	1	<0.1%	0	-	<b>0</b>	<b>-</b>
Defective lighting (unspecified)	4	<0.1%	2	<0.1%	1	<0.1%	0	-	0	-	<b>1</b>	<b>&lt;0.1%</b>
Defective engine controls/drive train	1	<0.1%	2	<0.1%	3	<0.1%	0	-	0	-	<b>3</b>	<b>&lt;0.1%</b>
Defective suspension/wheels	7	<0.1%	3	<0.1%	2	<0.1%	2	<0.1%	2	<0.1%	<b>3</b>	<b>&lt;0.1%</b>
Defective tires	15	0.1%	8	<0.1%	11	<0.1%	4	<0.1%	8	0.1%	<b>10</b>	<b>0.1%</b>
Tow hitch/yoke defective	2	<0.1%	6	<0.1%	3	<0.1%	0	-	0	-	<b>2</b>	<b>&lt;0.1%</b>
Defective exhaust system	0	-	0	-	0	-	0	-	0	-	<b>0</b>	<b>-</b>
Hood/tailgate/door/covering opened	4	<0.1%	1	<0.1%	0	-	0	-	0	-	<b>0</b>	<b>-</b>
Defective glazing (obscured windows)	2	<0.1%	0	-	1	<0.1%	0	-	0	-	<b>0</b>	<b>-</b>
Vehicle modifications	0	-	0	-	0	-	4	<0.1%	0	-	<b>0</b>	<b>-</b>
Fire	2	<0.1%	2	<0.1%	0	-	0	-	0	-	<b>1</b>	<b>&lt;0.1%</b>
Overloaded/oversized	0	-	0	-	0	-	0	-	0	-	<b>0</b>	<b>-</b>
Load shifted/spilled	2	<0.1%	5	<0.1%	1	<0.1%	1	<0.1%	2	<0.1%	<b>2</b>	<b>&lt;0.1%</b>
Jack-knife/trailer swing	1	<0.1%	2	<0.1%	1	<0.1%	4	<0.1%	4	<0.1%	<b>0</b>	<b>-</b>
Hydroplaning tires	3	<0.1%	0	-	2	<0.1%	0	-	1	<0.1%	<b>0</b>	<b>-</b>

Table 9-7  
Summary of Contributing Factors for Victims (Killed and Injured, Combined) of Collisions: 2016 to 2021 (continued)

Contributing Factor	2016 Total Victims	% of 2016 Total Victims	2017 Total Victims	% of 2017 Total Victims	2018 Total Victims	% of 2018 Total Victims	2019 Total Victims	% of 2019 Total Victims	2020 Total Victims	% of 2020 Total Victims	2021 Total Victims	% of 2021 Total Victims
Any Environmental Condition	942	7.4%	1,035	8.2%	731	6.1%	909	7.8%	420	5.8%	447	5.9%
Animal action - Wild	100	0.8%	131	1.0%	71	0.6%	70	0.6%	81	1.1%	100	1.3%
Animal action - Domestic	14	0.1%	18	0.1%	12	<0.1%	17	0.1%	4	<0.1%	15	0.2%
Slippery road surface	560	4.4%	602	4.8%	404	3.4%	570	4.9%	202	2.8%	182	2.4%
Snow drift	24	0.2%	13	0.1%	9	<0.1%	25	0.2%	4	<0.1%	9	0.1%
Obstruction/debris on roadway	25	0.2%	36	0.3%	14	0.1%	20	0.2%	5	<0.1%	12	0.2%
View obstructed/limited	96	0.8%	95	0.8%	92	0.8%	104	0.9%	66	0.9%	43	0.6%
Glare/reflection	18	0.1%	9	<0.1%	22	0.2%	29	0.2%	17	0.2%	15	0.2%
Construction zone	7	<0.1%	6	<0.1%	6	<0.1%	4	<0.1%	2	<0.1%	8	0.1%
Defective driving surface	22	0.2%	30	0.2%	19	0.2%	18	0.2%	8	0.1%	12	0.2%
Shoulders defective	1	<0.1%	1	<0.1%	9	<0.1%	0	-	0	-	0	-
Lane markings inadequate	4	<0.1%	0	-	0	-	2	<0.1%	0	-	2	<0.1%
Defective/inoperative traffic control device	15	0.1%	14	0.1%	6	<0.1%	4	<0.1%	7	<0.1%	8	0.1%
Weather	72	0.6%	88	0.7%	56	0.5%	55	0.5%	25	0.3%	47	0.6%
Pedestrian corridor in use	7	<0.1%	33	0.3%	20	0.2%	22	0.2%	10	0.1%	12	0.2%
Uninvolved vehicle	13	0.1%	8	<0.1%	14	0.1%	7	<0.1%	3	<0.1%	2	<0.1%
Uninvolved pedestrian	7	<0.1%	7	<0.1%	3	<0.1%	8	<0.1%	2	<0.1%	5	<0.1%
Presence of prior accident	5	<0.1%	0	-	8	<0.1%	1	<0.1%	3	<0.1%	0	-
No Contributing Factor(s) Identified	589	4.7%	172	1.4%	172	1.4%	385	3.3%	251	3.5%	328	4.3%
Not Stated	18	0.1%	18	0.1%	15	0.1%	5	<0.1%	6	<0.1%	7	<0.1%
<b>Total</b>	<b>12,653</b>	<b>100%</b>	<b>12,659</b>	<b>100%</b>	<b>12,057</b>	<b>100%</b>	<b>11,645</b>	<b>100%</b>	<b>7,238</b>	<b>100%</b>	<b>7,609</b>	<b>100%</b>

\*Note: For each vehicle and/or driver involved in a collision, up to three contributing factors can be recorded. Because multiple factors can be noted, the counts and percentages under each year will add to more than the total victims for that year.

Table 9-8  
Summary of Contributing Factors for Drivers Involved in Collisions: 2016 to 2021

Contributing Factor	2016 Total Drivers	% of 2016 Total Drivers	2017 Total Drivers	% of 2017 Total Drivers	2018 Total Drivers	% of 2018 Total Drivers	2019 Total Drivers	% of 2019 Total Drivers	2020 Total Drivers	% of 2020 Total Drivers	<b>2021 Total Drivers</b>	<b>% of 2021 Total Drivers</b>
Driver Action - Driving Properly and Human Condition - Apparently Normal	32,598	51.1%	34,281	50.1%	37,280	56.0%	39,600	56.9%	28,929	53.5%	<b>29,769</b>	<b>52.9%</b>
Driver Action - Driving properly	429	0.7%	211	0.3%	205	0.3%	235	0.3%	774	1.4%	<b>1,772</b>	<b>3.2%</b>
Any Driver Action	27,122	42.5%	29,307	42.8%	26,798	40.2%	27,053	38.9%	19,869	36.8%	<b>20,710</b>	<b>36.8%</b>
Following too closely	6,776	10.6%	6,292	9.2%	5,090	7.6%	4,304	6.2%	3,349	6.2%	<b>3,463</b>	<b>6.2%</b>
Turning improperly	2,496	3.9%	2,769	4.0%	2,374	3.6%	2,396	3.4%	1,685	3.1%	<b>1,738</b>	<b>3.1%</b>
Passing improperly	165	0.3%	158	0.2%	124	0.2%	102	0.1%	82	0.2%	<b>105</b>	<b>0.2%</b>
Changing lanes improperly	2,121	3.3%	2,224	3.2%	2,021	3.0%	1,994	2.9%	1,364	2.5%	<b>1,543</b>	<b>2.7%</b>
Fail to yield right-of-way	2,368	3.7%	2,603	3.8%	2,117	3.2%	2,085	3.0%	1,328	2.5%	<b>1,492</b>	<b>2.7%</b>
Disobey traffic control device/officer	525	0.8%	542	0.8%	456	0.7%	420	0.6%	380	0.7%	<b>374</b>	<b>0.7%</b>
Drive wrong way on roadway	18	<0.1%	24	<0.1%	17	<0.1%	11	<0.1%	21	<0.1%	<b>16</b>	<b>&lt;0.1%</b>
Passing a vehicle at pedestrian X-walk	0	-	3	<0.1%	0	-	1	<0.1%	0	-	<b>1</b>	<b>&lt;0.1%</b>
Back unsafely	3,418	5.4%	3,536	5.2%	3,090	4.6%	3,081	4.4%	2,867	5.3%	<b>2,633</b>	<b>4.7%</b>
Parking improperly	172	0.3%	200	0.3%	96	0.1%	108	0.2%	101	0.2%	<b>105</b>	<b>0.2%</b>
Lost control/Drive off road	1,402	2.2%	1,346	2.0%	1,166	1.8%	1,684	2.4%	844	1.6%	<b>821</b>	<b>1.5%</b>
Driverless vehicle ran out of control	37	<0.1%	45	<0.1%	26	<0.1%	17	<0.1%	16	<0.1%	<b>13</b>	<b>&lt;0.1%</b>
Leave stop sign before safe to do so	870	1.4%	872	1.3%	664	1.0%	766	1.1%	554	1.0%	<b>514</b>	<b>0.9%</b>
Failed to signal	17	<0.1%	30	<0.1%	14	<0.1%	8	<0.1%	8	<0.1%	<b>11</b>	<b>&lt;0.1%</b>
Take avoiding action	521	0.8%	528	0.8%	431	0.6%	425	0.6%	269	0.5%	<b>303</b>	<b>0.5%</b>
Driver inexperience	176	0.3%	235	0.3%	138	0.2%	108	0.2%	95	0.2%	<b>111</b>	<b>0.2%</b>
Pedestrian error/confusion	41	<0.1%	29	<0.1%	28	<0.1%	31	<0.1%	14	<0.1%	<b>8</b>	<b>&lt;0.1%</b>
NET Speed	2,959	4.6%	3,687	5.4%	2,280	3.4%	2,900	4.2%	2,107	3.9%	<b>1,996</b>	<b>3.5%</b>
Exceeding speed limit	38	<0.1%	31	<0.1%	34	<0.1%	12	<0.1%	11	<0.1%	<b>10</b>	<b>&lt;0.1%</b>
Driving too fast for conditions	2,887	4.5%	3,638	5.3%	2,224	3.3%	2,872	4.1%	2,077	3.8%	<b>1,977</b>	<b>3.5%</b>
Unsafe operating speed (Too fast or too slow)	41	<0.1%	23	<0.1%	23	<0.1%	21	<0.1%	22	<0.1%	<b>12</b>	<b>&lt;0.1%</b>
NET Distracted driving	11,093	17.4%	15,398	22.5%	14,582	21.9%	13,910	20.0%	11,347	21.0%	<b>10,713</b>	<b>19.0%</b>
Careless Driving	10,573	16.6%	15,025	22.0%	14,362	21.6%	13,715	19.7%	11,139	20.6%	<b>10,472</b>	<b>18.6%</b>
Distraction/Inattention	776	1.2%	1,054	1.5%	496	0.7%	407	0.6%	433	0.8%	<b>511</b>	<b>0.9%</b>

Table 9-8  
Summary of Contributing Factors for Drivers Involved in Collisions: 2016 to 2021 (continued)

Contributing Factor	2016 Total Drivers	% of 2016 Total Drivers	2017 Total Drivers	% of 2017 Total Drivers	2018 Total Drivers	% of 2018 Total Drivers	2019 Total Drivers	% of 2019 Total Drivers	2020 Total Drivers	% of 2020 Total Drivers	2021 Total Drivers	% of 2021 Total Drivers
Human Condition - Apparently Normal	15,605	24.4%	20,136	29.4%	18,134	27.2%	19,630	28.2%	14,809	27.4%	<b>13,418</b>	<b>23.9%</b>
Any Human Condition	294	0.5%	262	0.4%	262	0.4%	191	0.3%	187	0.3%	<b>189</b>	<b>0.3%</b>
Loss of consciousness/Blackout prior to collision	41	<0.1%	54	<0.1%	44	<0.1%	19	<0.1%	30	<0.1%	<b>35</b>	<b>&lt;0.1%</b>
Extreme fatigue/Fell asleep	79	0.1%	70	0.1%	68	0.1%	44	<0.1%	43	<0.1%	<b>58</b>	<b>0.1%</b>
Defective eyesight	4	<0.1%	1	<0.1%	0	-	3	<0.1%	2	<0.1%	<b>1</b>	<b>&lt;0.1%</b>
Defective hearing	2	<0.1%	0	-	0	-	0	-	0	-	<b>0</b>	<b>-</b>
Medical disability	11	<0.1%	14	<0.1%	15	<0.1%	9	<0.1%	6	<0.1%	<b>6</b>	<b>&lt;0.1%</b>
Physical disability	4	<0.1%	1	<0.1%	0	-	0	-	2	<0.1%	<b>0</b>	<b>-</b>
Mental disability	4	<0.1%	3	<0.1%	7	<0.1%	0	-	1	<0.1%	<b>1</b>	<b>&lt;0.1%</b>
Mental confusion/Inability to remember	23	<0.1%	18	<0.1%	18	<0.1%	16	<0.1%	10	<0.1%	<b>12</b>	<b>&lt;0.1%</b>
Sudden illness	12	<0.1%	6	<0.1%	6	<0.1%	5	<0.1%	9	<0.1%	<b>3</b>	<b>&lt;0.1%</b>
Exceed hours of service (commercial drivers only)	0	-	0	-	0	-	1	<0.1%	1	<0.1%	<b>0</b>	<b>-</b>
NET Impaired	138	0.2%	120	0.2%	123	0.2%	105	0.2%	92	0.2%	<b>87</b>	<b>0.2%</b>
Ability impaired alcohol	104	0.2%	100	0.1%	105	0.2%	85	0.1%	74	0.1%	<b>65</b>	<b>0.1%</b>
Ability impaired drugs	7	<0.1%	7	<0.1%	9	<0.1%	11	<0.1%	11	<0.1%	<b>7</b>	<b>&lt;0.1%</b>
Had been drinking/Suspected alcohol use	32	<0.1%	20	<0.1%	14	<0.1%	16	<0.1%	15	<0.1%	<b>19</b>	<b>&lt;0.1%</b>
No Apparent (Vehicle) Defect	47,046	73.7%	54,268	79.3%	55,791	83.8%	59,871	86.1%	42,792	79.2%	<b>43,892</b>	<b>78.0%</b>
Any Vehicle Defect	276	0.4%	337	0.5%	237	0.4%	237	0.3%	263	0.5%	<b>279</b>	<b>0.5%</b>
Defective brakes	29	<0.1%	29	<0.1%	14	<0.1%	15	<0.1%	13	<0.1%	<b>8</b>	<b>&lt;0.1%</b>
Defective steering	2	<0.1%	4	<0.1%	5	<0.1%	6	<0.1%	6	<0.1%	<b>4</b>	<b>&lt;0.1%</b>
Defective headlights	0	-	2	<0.1%	1	<0.1%	1	<0.1%	1	<0.1%	<b>0</b>	<b>-</b>
Defective brake lights	10	<0.1%	3	<0.1%	5	<0.1%	6	<0.1%	1	<0.1%	<b>4</b>	<b>&lt;0.1%</b>
Defective lighting (unspecified)	2	<0.1%	4	<0.1%	2	<0.1%	0	-	1	<0.1%	<b>1</b>	<b>&lt;0.1%</b>
Defective engine controls/drive train	9	<0.1%	7	<0.1%	8	<0.1%	3	<0.1%	2	<0.1%	<b>6</b>	<b>&lt;0.1%</b>
Defective suspension/wheels	52	<0.1%	58	<0.1%	52	<0.1%	44	<0.1%	64	0.1%	<b>71</b>	<b>0.1%</b>
Defective tires	70	0.1%	100	0.1%	70	0.1%	57	<0.1%	69	0.1%	<b>94</b>	<b>0.2%</b>
Tow hitch/yoke defective	15	<0.1%	15	<0.1%	12	<0.1%	6	<0.1%	14	<0.1%	<b>13</b>	<b>&lt;0.1%</b>
Defective exhaust system	0	-	0	-	0	-	1	<0.1%	2	<0.1%	<b>0</b>	<b>-</b>
Hood/tailgate/door/covering opened	13	<0.1%	5	<0.1%	4	<0.1%	8	<0.1%	4	<0.1%	<b>6</b>	<b>&lt;0.1%</b>
Defective glazing (obscured windows)	2	<0.1%	1	<0.1%	1	<0.1%	1	<0.1%	0	-	<b>0</b>	<b>-</b>
Vehicle modifications	1	<0.1%	1	<0.1%	1	<0.1%	4	<0.1%	1	<0.1%	<b>0</b>	<b>-</b>
Fire	3	<0.1%	1	<0.1%	0	-	3	<0.1%	0	-	<b>1</b>	<b>&lt;0.1%</b>
Overloaded/oversized	3	<0.1%	4	<0.1%	7	<0.1%	1	<0.1%	6	<0.1%	<b>6</b>	<b>&lt;0.1%</b>
Load shifted/spilled	16	<0.1%	35	<0.1%	16	<0.1%	19	<0.1%	25	<0.1%	<b>25</b>	<b>&lt;0.1%</b>
Jack-knife/trailer swing	51	<0.1%	71	0.1%	40	<0.1%	58	<0.1%	55	0.1%	<b>47</b>	<b>&lt;0.1%</b>
Hydroplaning tires	6	<0.1%	1	<0.1%	4	<0.1%	5	<0.1%	3	<0.1%	<b>1</b>	<b>&lt;0.1%</b>

Table 9-8  
Summary of Contributing Factors for Drivers Involved in Collisions: 2016 to 2021 (continued)

Contributing Factor	2016 Total Drivers	% of 2016 Total Drivers	2017 Total Drivers	% of 2017 Total Drivers	2018 Total Drivers	% of 2018 Total Drivers	2019 Total Drivers	% of 2019 Total Drivers	2020 Total Drivers	% of 2020 Total Drivers	2021 Total Drivers	% of 2021 Total Drivers
Any Environmental Condition	4,535	7.1%	6,460	9.4%	3,675	5.5%	4,435	6.4%	5,326	9.9%	<b>5,871</b>	<b>10.4%</b>
Animal action - Wild	1,893	3.0%	3,437	5.0%	1,435	2.2%	1,303	1.9%	4,002	7.4%	<b>4,364</b>	<b>7.8%</b>
Animal action - Domestic	51	<0.1%	67	<0.1%	51	<0.1%	54	<0.1%	36	<0.1%	<b>36</b>	<b>&lt;0.1%</b>
Slippery road surface	1,703	2.7%	2,029	3.0%	1,447	2.2%	2,266	3.3%	819	1.5%	<b>945</b>	<b>1.7%</b>
Snow drift	96	0.2%	98	0.1%	70	0.1%	123	0.2%	20	<0.1%	<b>44</b>	<b>&lt;0.1%</b>
Obstruction/debris on roadway	254	0.4%	278	0.4%	170	0.3%	243	0.3%	136	0.3%	<b>152</b>	<b>0.3%</b>
View obstructed/limited	177	0.3%	211	0.3%	206	0.3%	211	0.3%	152	0.3%	<b>136</b>	<b>0.2%</b>
Glare/reflection	50	<0.1%	30	<0.1%	33	<0.1%	47	<0.1%	19	<0.1%	<b>28</b>	<b>&lt;0.1%</b>
Construction zone	20	<0.1%	17	<0.1%	18	<0.1%	13	<0.1%	8	<0.1%	<b>12</b>	<b>&lt;0.1%</b>
Defective driving surface	120	0.2%	136	0.2%	119	0.2%	83	0.1%	55	0.1%	<b>57</b>	<b>0.1%</b>
Shoulders defective	7	<0.1%	3	<0.1%	4	<0.1%	3	<0.1%	3	<0.1%	<b>4</b>	<b>&lt;0.1%</b>
Lane markings inadequate	8	<0.1%	4	<0.1%	5	<0.1%	4	<0.1%	2	<0.1%	<b>5</b>	<b>&lt;0.1%</b>
Defective/inoperative traffic control device	13	<0.1%	15	<0.1%	12	<0.1%	10	<0.1%	7	<0.1%	<b>12</b>	<b>&lt;0.1%</b>
Weather	192	0.3%	209	0.3%	127	0.2%	105	0.2%	86	0.2%	<b>115</b>	<b>0.2%</b>
Pedestrian corridor in use	18	<0.1%	14	<0.1%	10	<0.1%	14	<0.1%	8	<0.1%	<b>8</b>	<b>&lt;0.1%</b>
Uninvolved vehicle	27	<0.1%	11	<0.1%	22	<0.1%	16	<0.1%	11	<0.1%	<b>15</b>	<b>&lt;0.1%</b>
Uninvolved pedestrian	3	<0.1%	3	<0.1%	2	<0.1%	3	<0.1%	0	-	<b>5</b>	<b>&lt;0.1%</b>
Presence of prior accident	2	<0.1%	0	-	9	<0.1%	7	<0.1%	4	<0.1%	<b>0</b>	<b>-</b>
No Contributing Factor(s) Identified	1,196	1.9%	305	0.4%	341	0.5%	731	1.1%	606	1.1%	<b>663</b>	<b>1.2%</b>
Not Stated	61	<0.1%	44	<0.1%	26	<0.1%	21	<0.1%	29	<0.1%	<b>21</b>	<b>&lt;0.1%</b>
<b>Total</b>	<b>63,839</b>	<b>100%</b>	<b>68,447</b>	<b>100%</b>	<b>66,606</b>	<b>100%</b>	<b>69,564</b>	<b>100%</b>	<b>54,037</b>	<b>100%</b>	<b>56,238</b>	<b>100%</b>

\*Note: For each vehicle and/or driver involved in a collision, up to three contributing factors can be recorded. Because multiple factors can be noted, the counts and percentages under each collision severity will add to more than the total collisions of that severity.

Table 9-9  
Summary of 'Speed', 'Distracted driving' and 'Impaired' as Contributing Factors: 2016 to 2021

		2016	2017	2018	2019	2020	2016-2020 average	2021
<b>NET Speed ('Exceeding speed limit', 'Driving too fast for conditions' and 'Unsafe operating speed (too fast or too slow)' combined)</b>								
		2,964 6.5%	3,692 7.1%	2,283 4.4%	2,903 5.3%	2,108 4.8%	2,790 5.6%	<b>2,002</b> <b>4.4%</b>
Collisions	All collisions							
	Fatal collisions	26 27.1%	12 18.5%	15 23.1%	18 26.5%	13 18.6%	17 23.1%	<b>14</b> <b>20.9%</b>
	Injury collisions	722 7.5%	830 8.6%	477 5.1%	604 6.7%	407 7.2%	608 7.0%	<b>365</b> <b>6.1%</b>
Victims	All victims (killed or injured)	977 7.7%	1,092 8.6%	665 5.5%	815 7.0%	548 7.6%	819 7.3%	<b>505</b> <b>6.6%</b>
	People killed	33 30.8%	13 17.8%	18 25.7%	22 28.9%	15 19.2%	20 25.0%	<b>16</b> <b>20.5%</b>
	People seriously injured	73 15.3%	69 15.6%	43 9.8%	48 13.0%	32 10.1%	53 13.0%	<b>34</b> <b>10.6%</b>
Driver Involvement (/10,000 drivers)	All collisions	33.0	40.7	24.8	31.1	22.4	30.3	<b>20.8</b>
	Fatal collisions	0.3	0.1	0.2	0.2	0.1	0.2	<b>0.1</b>
	Injury collisions	8.0	9.1	5.2	6.5	4.3	6.6	<b>3.8</b>
<b>NET Distracted driving ('Distraction/ inattention' and 'Careless driving' combined)</b>								
		11,086 24.5%	15,403 29.7%	14,618 28.3%	13,922 25.4%	11,350 25.6%	13,276 26.8%	<b>10,736</b> <b>23.7%</b>
Collisions	All collisions							
	Fatal collisions	23 24.0%	26 40.0%	18 27.7%	32 47.1%	32 45.7%	26 36.0%	<b>33</b> <b>49.3%</b>
	Injury collisions	2,535 26.5%	3,495 36.1%	3,408 36.5%	2,911 32.4%	2,089 36.9%	2,888 33.4%	<b>1,991</b> <b>33.5%</b>
Victims	All victims (killed or injured)	3,367 26.6%	4,662 36.8%	4,501 37.3%	3,820 32.8%	2,641 36.5%	3,798 33.8%	<b>2,603</b> <b>34.2%</b>
	People killed	29 27.1%	30 41.1%	19 27.1%	33 43.4%	38 48.7%	30 36.9%	<b>41</b> <b>52.6%</b>
	People seriously injured	138 28.9%	184 41.6%	195 44.6%	138 37.5%	117 36.8%	154 37.8%	<b>140</b> <b>43.8%</b>
Driver Involvement (/10,000 drivers)	All collisions	123.8	170.1	158.4	149.1	120.6	144.3	<b>111.9</b>
	Fatal collisions	0.3	0.3	0.2	0.3	0.3	0.3	<b>0.3</b>
	Injury collisions	28.4	38.5	37.1	31.3	22.3	31.5	<b>20.8</b>

Table 9-9  
Summary of 'Speed', 'Distracted driving' and 'Impaired' as Contributing Factors: 2016 to 2021 (continued)

		2016	2017	2018	2019	2020	2016-2020 average	2021
<b>NET Impaired ('Impaired by alcohol', 'Impaired by drugs' and 'Had been drinking/Suspected alcohol use' combined)</b>								
Collisions	All collisions	145 0.3%	133 0.3%	139 0.3%	119 0.2%	99 0.2%	127 0.3%	<b>94</b> <b>0.2%</b>
	Fatal collisions	31 32.3%	21 32.3%	25 38.5%	19 27.9%	18 25.7%	23 31.3%	<b>17</b> <b>25.4%</b>
	Injury collisions	49 0.5%	42 0.4%	41 0.4%	42 0.5%	32 0.6%	41 0.5%	<b>32</b> <b>0.5%</b>
Victims	All victims (killed or injured)	139 1.1%	104 0.8%	93 0.8%	99 0.9%	75 1.0%	102 0.9%	<b>81</b> <b>1.1%</b>
	People killed	38 35.5%	23 31.5%	28 40.0%	22 28.9%	20 25.6%	26 32.4%	<b>24</b> <b>30.8%</b>
	People seriously injured	36 7.5%	27 6.1%	10 2.3%	18 4.9%	15 4.7%	21 5.2%	<b>13</b> <b>4.1%</b>
Driver Involvement (/10,000 drivers)	All collisions	1.5	1.3	1.3	1.1	1.0	1.3	<b>0.9</b>
	Fatal collisions	0.3	0.2	0.2	0.2	0.2	0.2	<b>0.1</b>
	Injury collisions	0.5	0.4	0.4	0.4	0.3	0.4	<b>0.3</b>

Note: Proportions provided for each contributing factor in a specific category are for the count of contributing factor as a portion of all collisions in the specific category. E.g., the proportion of fatal collisions where speed is a factor is derived from the count of fatal collisions in the specific year where speed is a factor divided by the total fatal collisions in that year.

## Section 10: National Safety Code (NSC) Monitoring Report

Table 10-1  
 NSC Commercial Vehicles Involved in Traffic Collisions by Vehicle Type and Collision Severity: 2021, 2016-2020 Average

Vehicle Category	2021 Collision Severity						2021 Total	% of 2021 Total	2016-2020 Average Count of Vehicles				
	Fatal	% of Total Fatal	Injury	% of Total Injury	PDO	% of Total PDO			Fatal	Injury	PDO	Total	% of Total
Truck >4,500 kgs Unit Chassis	5	29.4%	138	47.1%	1,001	62.1%	<b>1,144</b>	59.6%	3	182	960	1,145	56.4%
Power Unit (Semi-Trailer)	11	64.7%	98	33.4%	411	25.5%	<b>520</b>	27.1%	9	108	423	539	26.6%
Truck - Other	1	5.9%	8	2.7%	48	3.0%	<b>57</b>	3.0%	1	20	68	89	4.4%
School Bus	0	-	8	2.7%	41	2.5%	<b>49</b>	2.6%	-	10	52	62	3.1%
Transit Bus - Urban	0	-	28	9.6%	49	3.0%	<b>77</b>	4.0%	<1	50	44	95	4.7%
Para-Transit Bus	0	-	0	-	0	-	<b>0</b>	-	-	2	3	6	0.3%
Inter-City Bus	0	-	1	0.3%	4	0.2%	<b>5</b>	0.3%	-	2	11	13	0.7%
Bus - Other	0	-	12	4.1%	57	3.5%	<b>69</b>	3.6%	-	13	67	80	3.9%
<b>Total</b>	<b>17</b>	<b>100%</b>	<b>293</b>	<b>100%</b>	<b>1,611</b>	<b>100%</b>	<b>1,921</b>	<b>100%</b>	<b>14</b>	<b>386</b>	<b>1,629</b>	<b>2,029</b>	<b>100%</b>

Note: Counts of vehicles in the 2016-2020 average may not add to the total due to rounding.

Table 10-2  
Traffic Collision Victims by NSC Commercial Vehicle Type and Casualty Type: 2021

Vehicle Type	2021 Casualty Type												2021 Total Victims	% of 2021 Total Victims
	Killed	% of Total Killed	Serious Injury	% of Total Serious Injury	Minor Injury	% of Total Minor Injury	Minimal Injury	% of Total Minimal Injury	Other Injury	% of Total Other Injury	Total Injured	% of Total Injured		
Truck >4,500 kgs Unit Chassis	5	31.3%	11	39.3%	53	51.0%	117	49.8%	2	100.0%	183	49.6%	<b>188</b>	48.8%
Power Unit (Semi-Trailer)	10	62.5%	11	39.3%	34	32.7%	66	28.1%	0	-	111	30.1%	<b>121</b>	31.4%
Truck - Other	1	6.3%	3	10.7%	2	1.9%	9	3.8%	0	-	14	3.8%	<b>15</b>	3.9%
School Bus	0	-	1	3.6%	4	3.8%	4	1.7%	0	-	9	2.4%	<b>9</b>	2.3%
Transit Bus - Urban	0	-	2	7.1%	7	6.7%	28	11.9%	0	-	37	10.0%	<b>37</b>	9.6%
Para-Transit Bus	0	-	0	-	0	-	0	-	0	-	0	-	<b>0</b>	-
Inter-City Bus	0	-	0	-	0	-	1	0.4%	0	-	1	0.3%	<b>1</b>	0.3%
Bus - Other	0	-	0	-	4	3.8%	10	4.3%	0	-	14	3.8%	<b>14</b>	3.6%
<b>Total</b>	<b>16</b>	<b>100%</b>	<b>28</b>	<b>100%</b>	<b>104</b>	<b>100%</b>	<b>235</b>	<b>100%</b>	<b>2</b>	<b>100%</b>	<b>369</b>	<b>100%</b>	<b>385</b>	<b>100%</b>

Table 10-2a  
 Traffic Collision Victims by NSC Commercial Vehicle Type and Casualty Type: 2016-2020 Average

Vehicle Type	2016-2020 Average Count of Victims							
	Killed	Serious Injury	Minor Injury	Minimal Injury	Other Injury	Total Injured	Total Victims	% of Total Victims
Truck >4,500 kgs Unit Chassis	4	15	58	155	2	231	235	47.0%
Power Unit (Semi-Trailer)	9	14	47	74	1	136	145	29.0%
Truck - Other	1	3	6	14	1	24	25	5.0%
School Bus	-	<1	2	10	-	12	12	2.5%
Transit Bus - Urban	<1	2	12	46	<1	60	61	12.2%
Para-Transit Bus	-	-	<1	2	-	3	3	0.6%
Inter-City Bus	-	-	<1	2	-	3	3	0.6%
Bus - Other	-	<1	4	11	<1	16	16	3.2%
Total	14	34	131	315	5	485	499	100%

Note: Counts of victims in the 2016-2020 average may not add to the total due to rounding.

Table 10-3  
NSC Commercial Vehicles Involved in Traffic Collisions by Pre-Collision Activity and Collision Severity: 2021, 2016-2020 Average

Pre-Collision Activity	2021 Collision Severity						2021 Total	% of 2021 Total	2016-2020 Average Count of Vehicles				
	Fatal	% of Total Fatal	Injury	% of Total Injury	PDO	% of Total PDO			Fatal	Injury	PDO	Total	% of Total
Going Straight Ahead	8	47.1%	121	41.3%	726	45.1%	<b>855</b>	44.5%	9	173	724	906	44.7%
Turning Left	0	-	13	4.4%	69	4.3%	<b>82</b>	4.3%	1	22	86	110	5.4%
Turning Right	0	-	7	2.4%	84	5.2%	<b>91</b>	4.7%	<1	11	61	72	3.6%
Making U Turn	0	-	0	-	6	0.4%	<b>6</b>	0.3%	-	<1	4	5	0.3%
Changing Lanes – Left	0	-	1	0.3%	13	0.8%	<b>14</b>	0.7%	<1	5	20	24	1.2%
Changing Lanes – Right	0	-	3	1.0%	29	1.8%	<b>32</b>	1.7%	<1	7	21	28	1.4%
Merging	0	-	1	0.3%	6	0.4%	<b>7</b>	0.4%	-	2	5	8	0.4%
Reversing	0	-	5	1.7%	129	8.0%	<b>134</b>	7.0%	-	7	132	139	6.8%
Overtaking	0	-	0	-	2	0.1%	<b>2</b>	0.1%	<1	<1	1	2	<0.1%
Slowing/Stopping on Roadway	0	-	26	8.9%	48	3.0%	<b>74</b>	3.9%	<1	19	46	65	3.2%
Stopped in Traffic	0	-	27	9.2%	88	5.5%	<b>115</b>	6.0%	<1	30	104	134	6.6%
Starting in Traffic	0	-	9	3.1%	27	1.7%	<b>36</b>	1.9%	-	6	17	23	1.1%
Leave Parking Position/Roadside	0	-	0	-	7	0.4%	<b>7</b>	0.4%	-	2	7	10	0.5%
Enter Parking Position/Roadside	0	-	1	0.3%	5	0.3%	<b>6</b>	0.3%	-	1	6	7	0.3%
Parked Legally	0	-	1	0.3%	42	2.6%	<b>43</b>	2.2%	-	1	47	48	2.4%
Parked Illegally	0	-	0	-	1	<0.1%	<b>1</b>	<0.1%	-	-	-	-	<0.1%
Swerving	1	5.9%	4	1.4%	9	0.6%	<b>14</b>	0.7%	<1	3	8	11	0.6%
Other	0	-	2	0.7%	39	2.4%	<b>41</b>	2.1%	<1	7	59	66	3.3%
Not Applicable/Unknown	8	47.1%	72	24.6%	281	17.4%	<b>361</b>	18.8%	1	88	281	370	18.2%
<b>Total</b>	<b>17</b>	<b>100%</b>	<b>293</b>	<b>100%</b>	<b>1,611</b>	<b>100%</b>	<b>1,921</b>	<b>100%</b>	<b>14</b>	<b>386</b>	<b>1,629</b>	<b>2,029</b>	<b>100%</b>

Note: Counts of vehicles in the 2016-2020 average may not add to the total due to rounding.

2021 Traffic Collision Statistics Report: Consolidated Tables

Table 10-4

NSC Commercial Vehicles Involved in Traffic Collisions by Contributing Factors and Collision Severity: 2021

Contributing Factor	2021 Collision Severity						2021 Total	% of 2021 Total
	Fatal	% of Total Fatal	Injury	% of Total Injury	PDO	% of Total PDO		
Driver Action - Driving Properly and Human Condition - Apparently Normal	5	29.4%	125	42.7%	756	46.9%	886	46.1%
Driver Action - Driving properly	3	17.6%	3	1.0%	63	3.9%	69	3.6%
Any Driver Action	6	35.3%	125	42.7%	593	36.8%	724	37.7%
Follow too closely	0	-	44	15.0%	58	3.6%	102	5.3%
Turning improperly	1	5.9%	9	3.1%	70	4.3%	80	4.2%
Passing improperly	0	-	2	0.7%	5	0.3%	7	0.4%
Changing lanes improperly	0	-	4	1.4%	62	3.8%	66	3.4%
Fail to yield right of way	1	5.9%	8	2.7%	34	2.1%	43	2.2%
Disobey traffic control device/officer	2	11.8%	4	1.4%	8	0.5%	14	0.7%
Drive wrong way on roadway	0	-	0	-	0	-	0	-
Passing a vehicle at pedestrian X-walk	0	-	0	-	0	-	0	-
Back unsafely	0	-	3	1.0%	140	8.7%	143	7.4%
Parking improperly	0	-	0	-	5	0.3%	5	0.3%
Lost control/Drive off road	1	5.9%	9	3.1%	12	0.7%	22	1.1%
Driverless vehicle ran out of control	0	-	0	-	2	0.1%	2	0.1%
Leave stop sign before safe to do so	0	-	5	1.7%	5	0.3%	10	0.5%
Failed to signal	0	-	0	-	1	<0.1%	1	<0.1%
Take avoiding action	0	-	1	0.3%	2	0.1%	3	0.2%
Driver inexperience	0	-	2	0.7%	11	0.7%	13	0.7%
Pedestrian error/confusion	0	-	0	-	0	-	0	-
NET Speed	2	11.8%	17	5.8%	39	2.4%	58	3.0%
Exceeding speed limit	1	5.9%	0	-	0	-	1	<0.1%
Driving too fast for conditions	2	11.8%	17	5.8%	39	2.4%	58	3.0%
Unsafe operating speed (Too fast or too slow)	0	-	0	-	0	-	0	-
NET Distracted driving	4	23.5%	41	14.0%	237	14.7%	282	14.7%
Careless Driving	1	5.9%	35	11.9%	215	13.3%	251	13.1%
Distraction/Inattention	4	23.5%	6	2.0%	28	1.7%	38	2.0%
Human Condition - Apparently Normal	3	17.6%	80	27.3%	465	28.9%	548	28.5%
Any Human Condition	0	-	3	1.0%	3	0.2%	6	0.3%
Loss of consciousness/Blackout prior to collision	0	-	0	-	1	<0.1%	1	<0.1%
Extreme fatigue/Fell asleep	0	-	2	0.7%	2	0.1%	4	0.2%
Defective eyesight	0	-	0	-	0	-	0	-
Defective hearing	0	-	0	-	0	-	0	-
Medical disability	0	-	1	0.3%	0	-	1	<0.1%
Physical disability	0	-	0	-	0	-	0	-
Mental disability	0	-	0	-	0	-	0	-
Mental confusion/Inability to remember	0	-	0	-	0	-	0	-
Sudden illness	0	-	0	-	0	-	0	-
Exceed hours of service (commercial drivers only)	0	-	0	-	0	-	0	-
NET Impaired	0	-	0	-	1	<0.1%	1	<0.1%
Ability impaired alcohol	0	-	0	-	1	<0.1%	1	<0.1%
Ability impaired drugs	0	-	0	-	0	-	0	-
Had been drinking/Suspected alcohol use	0	-	0	-	0	-	0	-

2021 Traffic Collision Statistics Report: Consolidated Tables

Table 10-4

NSC Commercial Vehicles Involved in Traffic Collisions by Contributing Factors and Collision Severity: 2021  
(continued)

Contributing Factor	2021 Collision Severity						2021 Total	% of 2021 Total
	Fatal	% of Total Fatal	Injury	% of Total Injury	PDO	% of Total PDO		
No apparent (vehicle) defect	5	29.4%	186	63.5%	1,115	69.2%	1,306	68.0%
Any Vehicle Defect	0	-	3	1.0%	48	3.0%	51	2.7%
Defective brakes	0	-	0	-	2	0.1%	2	0.1%
Defective steering	0	-	0	-	0	-	0	-
Defective headlights	0	-	0	-	0	-	0	-
Defective brakelights	0	-	0	-	0	-	0	-
Defective lighting (unspecified)	0	-	0	-	0	-	0	-
Defective engine controls/drive train	0	-	0	-	3	0.2%	3	0.2%
Defective suspension/wheels	0	-	0	-	6	0.4%	6	0.3%
Defective tires	0	-	2	0.7%	12	0.7%	14	0.7%
Tow hitch/yoke defective	0	-	0	-	1	<0.1%	1	<0.1%
Defective exhaust system	0	-	0	-	0	-	0	-
Hood/tailgate/door/covering opened	0	-	0	-	4	0.2%	4	0.2%
Defective glazing (obscured windows)	0	-	0	-	0	-	0	-
Vehicle modifications	0	-	0	-	0	-	0	-
Fire	0	-	0	-	0	-	0	-
Overloaded/oversized	0	-	0	-	3	0.2%	3	0.2%
Load shifted/spilled	0	-	1	0.3%	10	0.6%	11	0.6%
Jack-knife/trailer swing	0	-	0	-	8	0.5%	8	0.4%
Hydroplaning tires	0	-	0	-	0	-	0	-
Any Environmental Condition	1	5.9%	12	4.1%	161	10.0%	174	9.1%
Animal action - Wild	0	-	0	-	126	7.8%	126	6.6%
Animal action - Domestic	0	-	0	-	1	<0.1%	1	<0.1%
Slippery road surface	0	-	6	2.0%	20	1.2%	26	1.4%
Snow drift	0	-	1	0.3%	1	<0.1%	2	0.1%
Obstruction/debris on roadway	0	-	1	0.3%	2	0.1%	3	0.2%
View obstructed/limited	0	-	1	0.3%	1	<0.1%	2	0.1%
Glare/reflection	1	5.9%	0	-	2	0.1%	3	0.2%
Construction zone	0	-	1	0.3%	2	0.1%	3	0.2%
Defective driving surface	0	-	0	-	3	0.2%	3	0.2%
Shoulders defective	0	-	0	-	0	-	0	-
Lane markings inadequate	0	-	0	-	0	-	0	-
Defective/inoperative traffic control device	0	-	0	-	0	-	0	-
Weather	0	-	2	0.7%	4	0.2%	6	0.3%
Pedestrian corridor in use	0	-	0	-	0	-	0	-
Uninvolved vehicle	0	-	0	-	0	-	0	-
Uninvolved pedestrian	0	-	0	-	0	-	0	-
Presence of prior accident	0	-	0	-	0	-	0	-
No Contributing Factor(s) Identified	0	-	16	5.5%	26	1.6%	42	2.2%
Not Applicable/Not Stated	0	-	1	0.3%	4	0.2%	5	0.3%
<b>Total</b>	<b>17</b>	<b>100.0%</b>	<b>293</b>	<b>100.0%</b>	<b>1,611</b>	<b>100%</b>	<b>1,921</b>	<b>100.0%</b>

\*Note: Each vehicle and/or driver involved in a collision can have up to three contributing factors noted. Because multiple factors can be noted, the counts and percentages under each collision severity will add to more than the total. An exception to this is the factors "Driver Action – Driving Properly and Human Condition – Apparently Normal", "Driver Action – Driving Properly" and "Human Condition – Apparently Normal", which are mutually exclusive and can be added to determine a "Driver not at-fault" total.

2021 Traffic Collision Statistics Report: Consolidated Tables

Table 10-4a  
 NSC Commercial Vehicles Involved in Traffic Collisions by Contributing Factors and Collision Severity:  
 2016-2020 Average

Contributing Factor	2016-2020 Average Count of Vehicles				
	Fatal	Injury	PDO	Total Vehicles	% of Total Vehicles
Driver Action - Driving Properly and Human Condition - Apparently Normal	5	169	775	949	46.8%
Driver Action - Driving properly	<1	6	33	39	1.9%
Any Driver Action	6	168	592	766	37.7%
Follow too closely	-	54	64	118	5.8%
Turning improperly	<1	13	67	80	3.9%
Passing improperly	<1	2	5	7	0.3%
Changing lanes improperly	-	16	55	71	3.5%
Fail to yield right of way	<1	13	23	37	1.8%
Disobey traffic control device/officer	1	6	4	11	0.6%
Drive wrong way on roadway	<1	<1	<1	1	<0.1%
Passing a vehicle at pedestrian X-walk	-	-	-	-	-
Back unsafely	-	7	138	145	7.1%
Parking improperly	-	<1	5	5	0.2%
Lost control/Drive off road	<1	6	16	23	1.1%
Driverless vehicle ran out of control	-	-	1	1	<0.1%
Leave stop sign before safe to do so	1	5	11	17	0.8%
Failed to signal	-	-	-	-	-
Take avoiding action	<1	2	6	8	0.4%
Driver inexperience	<1	2	9	11	0.5%
Pedestrian error/confusion	<1	-	1	1	<0.1%
NET Speed	1	16	40	57	2.8%
Exceeding speed limit	<1	-	-	<1	<0.1%
Driving too fast for conditions	1	15	40	56	2.8%
Unsafe operating speed (Too fast or too slow)	-	<1	<1	1	<0.1%
NET Distracted driving	2	56	255	313	15.4%
Careless Driving	1	50	235	286	14.1%
Distraction/Inattention	<1	9	25	35	1.7%
Human Condition - Apparently Normal	3	95	455	553	27.2%
Any Human Condition	1	2	3	6	0.3%
Loss of consciousness/Blackout prior to collision	-	<1	1	2	<0.1%
Extreme fatigue/Fell asleep	<1	<1	2	2	0.1%
Defective eyesight	-	-	-	-	-
Defective hearing	-	-	-	-	-
Medical disability	-	-	<1	<1	<0.1%
Physical disability	-	-	-	-	-
Mental disability	-	-	-	-	-
Mental confusion/Inability to remember	-	-	-	-	-
Sudden illness	-	-	<1	<1	<0.1%
Exceed hours of service (commercial drivers only)	<1	<1	-	<1	<0.1%
NET Impaired	<1	<1	-	1	<0.1%
Ability impaired alcohol	<1	<1	-	1	<0.1%
Ability impaired drugs	-	-	-	-	-
Had been drinking/Suspected alcohol use	-	-	-	-	-

2021 Traffic Collision Statistics Report: Consolidated Tables

Table 10-4a  
 NSC Commercial Vehicles Involved in Traffic Collisions by Contributing Factors and Collision Severity:  
 2016-2020 Average

Contributing Factor	2016-2020 Average Count of Vehicles				
	Fatal	Injury	PDO	Total Vehicles	% of Total Vehicles
No apparent (vehicle) defect	5	250	1,132	1,388	68.4%
Any Vehicle Defect	<1	3	34	37	1.8%
Defective brakes	-	<1	<1	1	<0.1%
Defective steering	-	-	<1	<1	<0.1%
Defective headlights	-	-	-	-	-
Defective brakelights	<1	-	-	<1	<0.1%
Defective lighting (unspecified)	<1	-	<1	<1	<0.1%
Defective engine controls/drive train	-	-	<1	<1	<0.1%
Defective suspension/wheels	-	-	2	2	<0.1%
Defective tires	-	<1	7	8	0.4%
Tow hitch/yoke defective	-	-	1	1	<0.1%
Defective exhaust system	-	-	-	-	-
Hood/tailgate/door/covering opened	-	-	1	1	<0.1%
Defective glazing (obscured windows)	-	-	-	-	-
Vehicle modifications	-	-	<1	<1	<0.1%
Fire	-	-	-	-	-
Overloaded/oversized	-	-	3	3	0.2%
Load shifted/spilled	-	<1	7	8	0.4%
Jack-knife/trailer swing	-	<1	10	11	0.5%
Hydroplaning tires	-	<1	<1	<1	<0.1%
Any Environmental Condition	1	17	125	144	7.1%
Animal action - Wild	-	<1	74	75	3.7%
Animal action - Domestic	-	<1	1	2	<0.1%
Slippery road surface	<1	10	23	34	1.7%
Snow drift	-	-	2	2	<0.1%
Obstruction/debris on roadway	-	<1	6	7	0.3%
View obstructed/limited	-	2	7	9	0.4%
Glare/reflection	-	<1	<1	<1	<0.1%
Construction zone	<1	<1	2	3	0.1%
Defective driving surface	-	<1	5	5	0.3%
Shoulders defective	-	-	<1	<1	<0.1%
Lane markings inadequate	-	-	-	-	-
Defective/inoperative traffic control device	-	-	<1	<1	<0.1%
Weather	<1	3	4	7	0.3%
Pedestrian corridor in use	-	-	<1	<1	<0.1%
Uninvolved vehicle	-	<1	2	2	0.1%
Uninvolved pedestrian	-	-	-	-	-
Presence of prior accident	-	-	<1	<1	<0.1%
No Contributing Factor(s) Identified	-	22	52	73	3.6%
Not Applicable/Not Stated	-	<1	5	6	0.3%
Total	14	386	1,629	2,029	100%

Note: Counts of vehicles in the 2016-2020 average may not add to the total due to rounding.

\*Note: Each vehicle and/or driver involved in a collision can have up to three contributing factors noted. Because multiple factors can be noted, the counts and percentages under each collision severity will add to more than the total. An exception to this is the factors "Driver Action – Driving Properly and Human Condition – Apparently Normal", "Driver Action – Driving Properly" and "Human Condition – Apparently Normal", which are mutually exclusive and can be added to determine a "Driver not at-fault" total.

Table 10-5  
Historical Summary of NSC Commercial Vehicles Involved in Traffic Collisions by Vehicle Type: 2016 to 2021

Vehicle Category	2016 Total	% of 2016 Total	2017 Total	% of 2017 Total	2018 Total	% of 2018 Total	2019 Total	% of 2019 Total	2020 Total	% of 2020 Total	2021 Total	% of 2021 Total
Truck >4,500 kgs Unit Chassis	1,100	56.3%	1,155	53.0%	1,158	55.5%	1,213	57.8%	1,101	60.3%	1,144	59.6%
Power Unit (Semi-Trailer)	496	25.4%	645	29.6%	546	26.2%	521	24.8%	489	26.8%	520	27.1%
Truck - Other	112	5.7%	94	4.3%	114	5.5%	71	3.4%	54	3.0%	57	3.0%
School Bus	52	2.7%	71	3.3%	74	3.5%	72	3.4%	43	2.4%	49	2.6%
Transit Bus - Urban	102	5.2%	118	5.4%	87	4.2%	104	5.0%	62	3.4%	77	4.0%
Para-Transit Bus	10	0.5%	6	0.3%	9	0.4%	3	0.1%	0	-	0	-
Inter-City Bus	12	0.6%	13	0.6%	16	0.8%	19	0.9%	6	0.3%	5	0.3%
Bus - Other	71	3.6%	79	3.6%	82	3.9%	95	4.5%	71	3.9%	69	3.6%
<b>Total</b>	<b>1,955</b>	<b>100%</b>	<b>2,181</b>	<b>100%</b>	<b>2,086</b>	<b>100%</b>	<b>2,098</b>	<b>100%</b>	<b>1,826</b>	<b>100%</b>	<b>1,921</b>	<b>100%</b>

Table 10-6  
Historical Summary of Traffic Collision Victims (Killed and Injured, Combined) by NSC Commercial Vehicle Type: 2016 to 2021

Vehicle Category	2016 Total	% of 2016 Total	2017 Total	% of 2017 Total	2018 Total	% of 2018 Total	2019 Total	% of 2019 Total	2020 Total	% of 2020 Total	2021 Total	% of 2021 Total
Truck >4,500 kgs Unit Chassis	251	45.4%	249	44.2%	257	47.2%	227	47.0%	189	53.5%	188	48.8%
Power Unit (Semi-Trailer)	163	29.5%	162	28.8%	156	28.7%	150	31.1%	93	26.3%	121	31.4%
Truck - Other	42	7.6%	25	4.4%	26	4.8%	20	4.1%	12	3.4%	15	3.9%
School Bus	19	3.4%	13	2.3%	14	2.6%	13	2.7%	3	0.8%	9	2.3%
Transit Bus - Urban	50	9.0%	100	17.8%	68	12.5%	50	10.4%	36	10.2%	37	9.6%
Para-Transit Bus	6	1.1%	0	-	5	0.9%	3	0.6%	0	-	0	-
Inter-City Bus	3	0.5%	0	-	7	1.3%	5	1.0%	0	-	1	0.3%
Bus - Other	19	3.4%	14	2.5%	11	2.0%	15	3.1%	20	5.7%	14	3.6%
<b>Total</b>	<b>553</b>	<b>100%</b>	<b>563</b>	<b>100%</b>	<b>544</b>	<b>100%</b>	<b>483</b>	<b>100%</b>	<b>353</b>	<b>100%</b>	<b>385</b>	<b>100%</b>

Note: Information in Table 10-6 includes all victims of collisions where an NSC commercial vehicle is involved, not only victims from the NSC vehicle.

## Section 11: Off-Road Vehicle Collisions

**(Tables to be provided at a later date)**