



RoadSafetyBC

# Motor Vehicle Related Crashes, Injuries and Fatalities 10-year Statistics for British Columbia, 2011-2020

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## Introduction

This report presents the preliminary police-reported data on motor vehicle crashes in British Columbia for the ten-year period 2011-2020. The report is updated every year and is valuable in measuring the Province's progress towards achieving Vision Zero for fatalities and injuries. Along with data produced by the Insurance Corporation of BC (ICBC), BC Coroners Service (BCCS) and other stakeholders, this information supports road safety programs, enforcement campaigns and policy development, and is used to evaluate various provincial road safety initiatives.

The main data source for this report is police-reported MV6020 forms completed by police soon after a motor vehicle crash and manually entered into the Traffic Accident System (TAS). Some data is taken from ICBC's "loss event" database and some is from Transport Canada.

The 2020 data is preliminary, and motor vehicle fatality and injury counts may change slightly should new or adjusted data be received after the publication of this report. Any amendments will be reflected in subsequent annual reports but are not expected to affect general trends. Police-reported crashes resulting in property damage only are still being entered into TAS for 2020. Crashes where a fatality and/or injury occurred are prioritized for manual data entry into TAS over crashes where a fatality and/or injury did not occur. Accordingly, the total number of police-reported crashes for 2020 is expected to increase significantly and stats such as crash rates are only being reported up to 2019.

Crash data may also differ from ICBC crash claims data as police-reported TAS data only represents the most serious motor vehicle crashes, while ICBC crash claims data represents nearly all crashes involving British Columbia road users. In the ten-year period between 2011-2020, there were an average of 286,500 ICBC reported crashes per year. Police completed reports for approximately 12% of all motor vehicle crashes reported to ICBC from 2011-2019.

Efforts are made to reconcile TAS data with BC Coroners Service data. Fatality data may differ between TAS and the Coroners Service due to definitions and the fact that Coroners Service data also includes fatalities that occur more than 30 days after an injury was sustained as a result of a motor vehicle crash. While police-reported data provides a timely snapshot of motor vehicle related injuries and fatalities, the contributing factors related to fatalities (Table 4) should be interpreted with caution as this does not take into consideration a Coroner's investigative findings supported by autopsy, toxicology, and other examinations.

Road safety data is affected by many factors, including legislative and policy changes, the cumulative number of vehicle kilometers driven, enforcement practices and policies, seasonal weather, random variation, road conditions and roadway characteristics and design.

Notes about the data:

- Data is as of July 6, 2021.
- When comparing this fatality report with editions published in a different year, counts may differ due to further development of data, rounding, late reporting or corrections.
- Long-term trends may differ from the 10-year trends presented on the graphs.

## Definitions - Terms and Measures

**Fatality:** Refers to a road user who dies within 30 days after an injury sustained in a crash involving at least one motor vehicle on a 'highway' as defined in the Motor Vehicle Act (largely any public roadway). The Motor Vehicle Act does not apply to forest-service roads, industrial roads and private driveways. Fatal victims of off-road snowmobile crashes, homicides, and suicides are excluded from this report.

**Crash Involving Fatalities:** Refers to a single police-reported motor vehicle crash in which at least one fatality, as defined above, occurred. For example, a motor vehicle crash where three road users were fatally injured would be counted as one single crash involving fatalities.

**Injury:** Refers to a road user who has reported any injury, at any level of severity, resulting from a motor vehicle crash occurring on a 'public highway' as defined in the Motor Vehicle Act. This includes serious injuries where a road user was admitted to hospital for an overnight stay.

**Crash Involving Injuries:** Refers to a single police-reported motor vehicle crash in which at least one injury, as defined above, occurred. For example, a motor vehicle crash where three road users were injured would be counted as one single crash involving injuries.

**Crash Fatality Rate:** Refers to the proportion of all crashes where a fatality occurred. For example, there were a total of 35,445 police-reported crashes in 2018, 286 of which resulted in at least one fatality. This results in a crash fatality rate of 0.8% (286/35,445).

**Crash Injury Rate:** Refers to the proportion of all crashes where an injury occurred. For example, there were a total of 35,445 police-reported crashes in 2018, 14,320 of which resulted in at least one injury. This results in a crash injury rate of 40.4% (14,320/35,445).

**Road User:** Refers to a driver, passenger, pedestrian or cyclist who is travelling on a 'highway' as defined in the Motor Vehicle Act.

**Intersection:** An intersection is noted on the police-reported MV6020 form. Intersections do not include motor vehicle crashes occurring between intersection exchanges, intersections of roads and driveways, alleys, bridges, ferries, docks, tunnels, parking lots, railroads, industrial roads or transit-express lanes and do not include highway exit /entrance lanes, or exit/entrance intersections or ramps.

**Motorcycles include:** motorcycles; moped/power bicycle (<50 Cc).

**Heavy vehicles include:** single unit truck / heavy; combination unit truck / light; comb unit truck / heavy; combination unit tractor / trailer; combination unit tractor/trailer & pup [4-wheel trailer]; log truck & pole trailer; tow truck; combination unit truck/pull trailer/5th wheeler; bus - local transit; bus - intercity; road construction (grader, paver, roller); general construction; mobile crane.



## Definitions of Grouped Contributing Factors

The grouped contributing factors include crashes where one or more of the listed contributing factors were assigned to at least one of the individuals involved in the crash.

**Speeding:** exceeding speed limit; excessive speed over 40 km/h ; and, driving too fast for conditions.

**Distracted Driving/Inattention:** communication/video equipment; driver inattentive; and, driver internal/external distraction.

**Impairment:** ability impaired by alcohol; alcohol suspected; ability impaired by drugs; drugs suspected; and, ability impaired by medication.

**Alcohol Impairment:** ability impaired by alcohol; and, alcohol suspected.

**Drug Impairment:** ability impaired by drugs; drugs suspected; and, ability impaired by medication.

**Driver Error/Confusion:** backing unsafely; failing to signal; improper passing; driving on wrong side of road; improper turning; failure to secure stopped vehicle; and, driver error/confusion.

**Aggressive Driving:** cutting in; failing to yield right-of-way; following too closely; ignoring traffic control device; and, ignoring officer/flagman/guard.

**Environmental:** road condition (ice, snow, slush, water); glare-artificial; glare-sunlight; and, environmental (fog, sleet, rain, snow).

**Medical Issue:** extreme fatigue; fell asleep; illness; sudden loss of consciousness; pre-existing physical disability; deceased prior to collision.

**Road Issue:** site line obstruction; obstruction/debris on road; roadway surface defects; insufficient worksite/construction traffic control; road/intersection design; defective/inoperative traffic control device.

**Vehicle Issue:** accelerator defective; brakes defective; headlights defective/out; brake lights out; turn signals defective; steering failure; tire failure/inadequate; tow hitch failure; driverless vehicle; windshield defective; engine failure; suspension defect; trailer brakes out of adjustment/inoperative; windows obstructed.

**Wild Animals:** domestic animal; wild animal.

**Other:** unknown; pedestrian error/confusion; avoiding vehicle/pedestrian/cycle; oversize vehicle; insecure load; dangerous goods; previous traffic accident; roadside hazard; not applicable); other; attempted suicide(confirmed); driving without due care; driver inexperience; restraint system; visibility impaired; road maintenance/construction; illegal vehicle modifications.

## Highlights

**Table 1: Key Figures**

Year ▲	Fatalities	Injuries in Police-Reported Crashes*	Injuries in ICBC-Reported Crashes	Police-Reported Crashes* **	ICBC-Reported Crashes***	% of ICBC-Reported Crashes with a Corresponding Police Report * **
2011	292	19,705	79,000	34,490	260,000	13%
2012	281	20,246	82,000	35,622	260,000	14%
2013	269	20,766	85,000	34,399	265,000	13%
2014	289	21,200	83,000	34,992	280,000	12%
2015	295	22,492	83,000	36,949	300,000	12%
2016	288	22,085	91,000	38,262	325,000	12%
2017	287	21,178	94,000	37,676	335,000	11%
2018	298	19,774	95,000	35,445	315,000	11%
2019	269	16,090	92,000	25,475	300,000	8%
2020	249	12,514	63,000		225,000	

**Data for the most recent year is preliminary and is subject to change as data settles.**

Data does not include crashes on roads where the Motor Vehicle Act does not apply, such as forest-service roads, industrial roads and private driveways. Fatal victims of off-road snowmobile crashes, homicides, natural cause deaths, and suicides are also excluded.

\* Police-Reported Crash data and related % of claims with a corresponding police report for the most recent year are omitted until next year, when manual data entry will be finalized.

\*\* Police-Reported Crashes is calculated as the total number of unique motor vehicle crashes recorded in TAS.

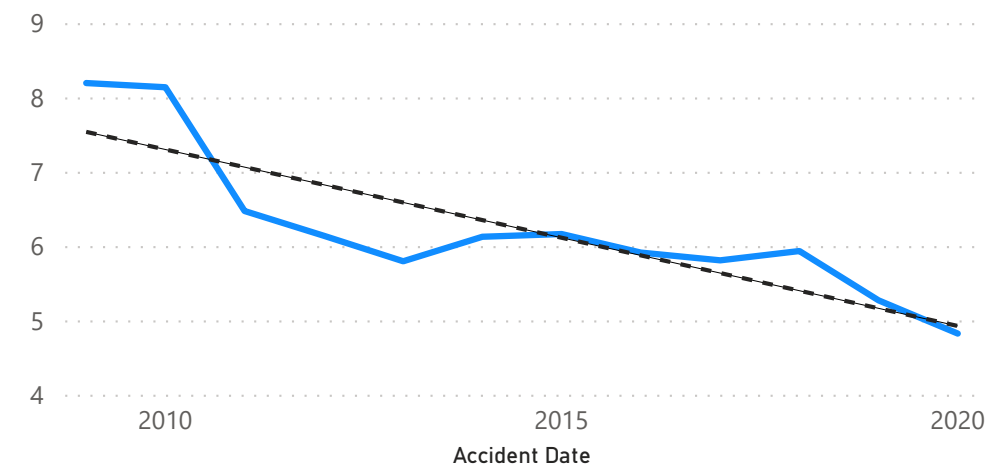
\*\*\* As of September 2019, multiple counting of a small number of crashes has been adjusted. Crash counts for years 2013 or later may be slightly lower than previously published.

## Road Safety Key National Performance Indicators

**Table 2: Key Performance Indicators**

Per 100,000 Population				Per 100,000 Licensed Drivers			
Year	Police-Reported Fatalities*	Police-Reported Injuries*	Police-Reported Crashes**	Year	Police-Reported Fatalities*	Police-Reported Injuries*	Police-Reported Crashes**
2011	6.4	426.3	766.1	2011	9.2	615.0	1086.3
2012	6.2	444.5	780.0	2012	8.8	629.1	1108.8
2013	5.9	445.6	742.9	2013	8.3	627.5	1056.2
2014	6.3	455.5	743.4	2014	8.9	644.7	1066.8
2015	6.3	478.9	773.6	2015	8.8	669.5	1099.6
2016	6.1	463.0	787.4	2016	8.5	644.1	1118.5
2017	5.7	437.4	764.3	2017	7.9	605.3	1081.5
2018	5.6	393.4	707.4	2018	8.0	555.7	1002.7
2019	5.3	315.2	500.4	2019	7.5	446.1	708.6
2020	4.8	243.1		2020	6.8	343.3	

**Figure 1: Fatalities per 100,000 Population**



**Table 3: Fatality and Injury Rate Comparison with National Average, and with Provincial and Global Leaders**

Fatalities per 100,000 Population					Injuries per 100,000 Population				
Year	BC	Canada	Ontario	Sweden	Year	BC	Canada	Ontario	Sweden
2011	6.4	5.8	3.5	3.4	2011	426.3	483.5	458.1	235.8
2012	6.2	6.0	4.2	3.0	2012	444.5	475.3	442.3	238.9
2013	5.9	5.5	3.5	2.7	2013	445.6	470.2	440.4	210.1
2014	6.3	5.2	3.5	2.8	2014	455.5	421.7	347.4	179.8
2015	6.3	5.2	3.6	2.6	2015	478.9	451.6	401.1	199.4
2016	6.1	5.2	4.0	2.7	2016	463.0	442.1	396.2	186.7
2017	5.7	5.0	4.1	2.5	2017	437.4	421.9	362.2	194.3
2018	5.6	5.2	4.2	3.2	2018	393.4	412.4	356.9	180.8
2019	5.3	4.7	3.9	2.1	2019	315.2	374.5	318.2	171.6
2020	5.3			2.0	2020	316.1			147.9

\*Data from Transport Canada Annual Report: Canadian Motor Vehicle Traffic Crash Statistics (Excluding most recent year, calculated using TAS fatality and injury counts and BC stats population data).

\*\*Police-Reported Crash rate calculated using TAS data and BC Stats population data. Police-Reported Crash data for the most recent year is omitted until next year, when manual data entry will be finalized.

## Contributing Factors - Fatalities

**Table 4: Contributing Factors to Fatalities**

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Aggressive Driving	50	40	45	30	43	51	50	37	34	34
Distracted Driving/Inattention	79	80	77	66	89	80	75	76	75	72
Driver Error/Confusion	60	46	56	54	63	56	59	72	55	44
Environmental	61	72	47	77	67	53	55	58	59	55
Impairment	75	57	64	65	72	67	72	66	61	55
Medical Issue	16	16	15	32	18	17	23	18	27	16
Road Issue	9	10	7	7	11	13	5	10	12	11
Speeding	98	100	77	81	89	92	74	77	88	75
Vehicle Issue	10	18	14	12	9	14	12	5	9	12
Wild Animal	4	2	3	2	2	2	6	4	3	2
Provincial Total	292	281	269	289	295	288	287	298	269	249

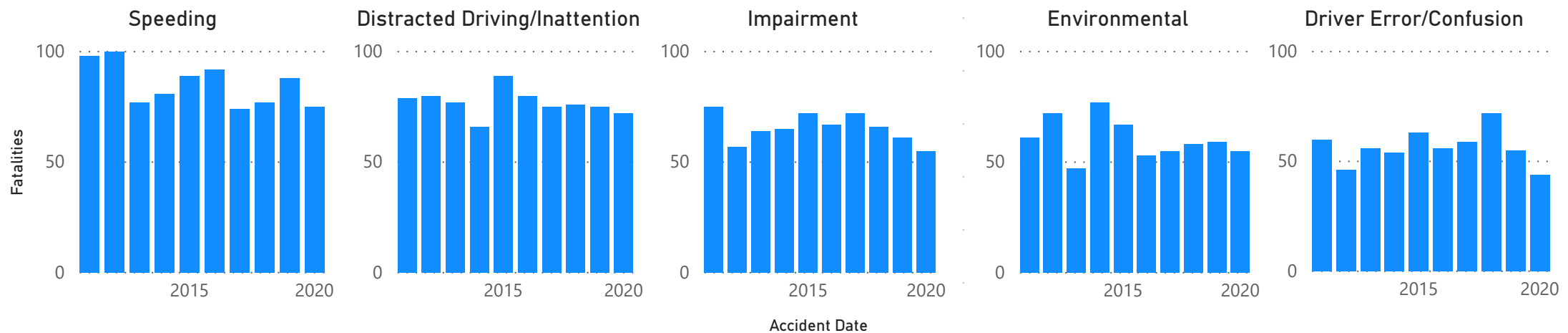
As noted in the Definitions section, fatality, injury and crash counts represent police-reported motor vehicle crashes only.

Due to the nature of how contributing factors are assigned to each entity involved in a crash, it may be determined that a fatal victim's involvement in a crash was due to more than one factor; therefore, that victim would be counted in the totals for each related factor.

Consequently, data on total fatalities may be lower than the totals for fatalities for each contributing factor.

Detailed definitions of each contributing factor group are defined in the Definitions section.

**Figure 2: Top 5 Contributing Factors to Motor Vehicle Fatalities by Year and Number of Fatalities**



## Contributing Factors - Crash Fatality Rates

**Table 5: Proportion of Police-Reported Crashes Involving the Top Factors Resulting in at Least One Fatality**

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Speeding Crashes	4,952	4,678	4,639	4,165	4,395	4,583	4,911	4,849	4,276	3,034
Speeding Crashes with Fatalities	92	81	80	67	70	85	83	72	76	83
Speeding Crash Fatality Rate	1.9%	1.7%	1.7%	1.6%	1.6%	1.9%	1.7%	1.5%	1.8%	2.7%
Distracted Driving/Inattention Crashes	14,039	13,639	14,023	13,715	13,779	14,598	14,245	13,408	12,478	9,091
Distracted Driving/Inattention Crashes with Fatalities	87	72	74	72	60	83	78	71	71	71
Distracted Driving/Inattention Crash Fatality Rate	0.6%	0.5%	0.5%	0.5%	0.4%	0.6%	0.5%	0.5%	0.6%	0.8%
Impairment Crashes	3,798	3,081	3,151	3,041	3,091	3,244	3,253	3,289	3,061	2,335
Impairment Crashes with Fatalities	110	71	55	58	56	65	60	64	64	53
Impairment Crash Fatality Rate	2.9%	2.3%	1.7%	1.9%	1.8%	2.0%	1.8%	1.9%	2.1%	2.3%
Driver Error/Confusion Crashes	7,801	7,216	7,038	6,538	6,721	7,039	7,126	7,066	6,990	5,070
Driver Error/Confusion Crashes with Fatalities	79	57	40	49	42	56	53	51	64	50
Driver Error/Confusion Crash Fatality Rate	1.0%	0.8%	0.6%	0.7%	0.6%	0.8%	0.7%	0.7%	0.9%	1.0%
Environmental Crashes	6,233	6,874	7,119	5,970	6,454	5,799	7,216	7,344	6,461	4,328
Environmental Crashes with Fatalities	53	52	57	42	68	64	49	52	55	56
Environmental Crash Fatality Rate	0.9%	0.8%	0.8%	0.7%	1.1%	1.1%	0.7%	0.7%	0.9%	1.3%
Provincial Crashes	35,306	34,490	35,622	34,399	34,992	36,949	38,262	37,676	35,445	25,475
Provincial Crashes with Fatalities	319	264	251	245	256	277	274	266	286	252
Provincial Crash Fatality Rate	0.9%	0.8%	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.8%	1.0%

*Police-Reported Crash data for the most recent year is omitted until the coming year, when manual data entry will be finalized. As such, crash fatality and injury rates for the previous year should be used as the most recent data.*

*Detailed definitions of each contributing factor group are defined in the Definitions section.*

## Contributing Factors - Impairment Fatalities

**Table 6: Fatalities Where Impairment was a Contributing Factor by Impairment Type**

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Alcohol Impairment	68	49	52	59	61	52	64	57	53	40
Drug Impairment	16	16	23	13	17	24	25	15	17	21
Impairment Total	75	57	64	65	72	67	72	66	61	55

As noted in the Definitions section, fatality, injury and crash counts represent police-reported motor vehicle crashes only.

Due to the nature of how contributing factors are assigned to each entity involved in a crash, it may be determined that a fatal victim's involvement in a crash was due to both alcohol impairment and drug impairment; therefore, that victim would be counted in the totals for each impairment type.

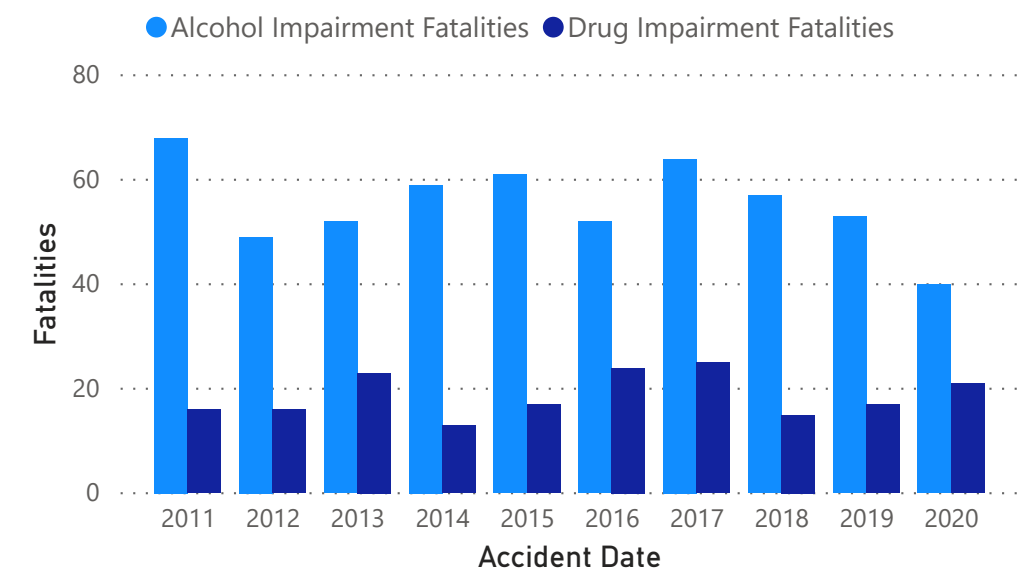
ICBC analysis of TAS 2014-2018 data found that roughly 10 fatalities per year are attributed to both alcohol and drug impairment.

**Table 7: Proportion of Crashes Involving Impairment Resulting in at Least One Fatality**

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Alcohol Impairment Crashes	3,440	2,739	2,824	2,677	2,684	2,798	2,739	2,769	2,563	1,945
Alcohol Impairment Crashes with Fatalities	95	65	47	49	51	55	46	56	56	47
Alcohol Impairment Crash Fatality Rate	2.8%	2.4%	1.7%	1.8%	1.9%	2.0%	1.7%	2.0%	2.2%	2.4%
Drug Impairment Crashes	538	500	478	532	557	604	673	706	658	529
Drug Impairment Crashes with Fatalities	31	15	15	19	11	16	21	22	14	15
Drug Impairment Crash Fatality Rate	5.8%	3.0%	3.1%	3.6%	2.0%	2.6%	3.1%	3.1%	2.1%	2.8%

Police-Reported Crash data for the most recent year is omitted until the coming year, when manual data entry will be finalized. As such, crash fatality and injury rates for the previous year should be used as the most recent data.

**Figure 3: Fatalities Contributed to Impairment by Type**



## Contributing Factors - Injuries

**Table 8: Contributing Factors to Injuries**

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Aggressive Driving	6,558	6,596	7,127	7,180	7,984	7,574	7,288	6,640	5,287	3,771
Distracted Driving/Inattention	8,606	8,683	9,098	9,115	9,741	9,051	8,346	7,667	6,266	4,867
Driver Error/Confusion	3,760	3,513	3,455	3,674	3,923	3,815	3,676	3,671	3,031	2,227
Environmental	4,040	4,098	3,699	4,017	3,735	4,400	4,209	3,910	2,871	2,675
Impairment	1,674	1,699	1,785	1,692	1,897	1,788	1,851	1,726	1,370	1,257
Medical Issue	812	950	967	1,124	1,112	1,089	1,087	1,112	969	704
Road Issue	596	636	611	618	756	682	646	746	585	537
Speeding	2,997	3,037	2,880	2,955	3,116	3,200	3,241	2,840	2,244	1,955
Vehicle Issue	585	598	568	582	583	609	537	533	396	344
Wild Animal	475	510	474	433	491	461	473	376	344	303
Provincial Total	19,705	20,246	20,766	21,200	22,492	22,085	21,178	19,774	16,090	12,514

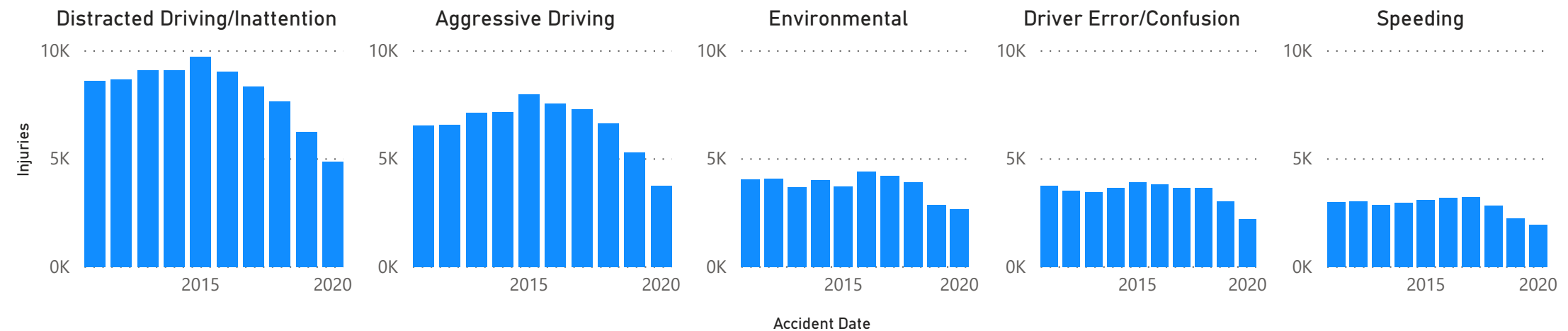
As noted in the Definitions section, fatality, injury and crash counts represent police-reported motor vehicle crashes only.

Due to the nature of how contributing factors are assigned to each entity involved in a crash, it may be determined that an injured victim's involvement in a crash was due to more than one factor; therefore, that victim would be counted in the totals for each related factor.

Consequently, data on total injuries may be lower than the totals for injuries for each contributing factor.

Detailed definitions of each contributing factor group are defined in the Definitions section.

**Figure 4: Top 5 Contributing Factors to Motor Vehicle Injuries**



## Contributing Factors - Crash Injury Rates

**Table 9: Proportion of Police-Reported Crashes Involving the Top Factors Resulting in at Least One Injury**

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Distracted Driving/Inattention Crashes	14,039	13,639	14,023	13,715	13,779	14,598	14,245	13,408	12,478	9,091
Distracted Driving/Inattention Crashes with Injuries	6,427	6,184	6,311	6,359	6,385	6,885	6,387	5,937	5,435	4,545
Distracted Driving/Inattention Crash Injury Rate	45.8%	45.3%	45.0%	46.4%	46.3%	47.2%	44.8%	44.3%	43.6%	50.0%
Aggressive Driving Crashes	9,475	8,533	8,886	8,912	9,085	9,910	9,890	9,554	9,159	6,464
Aggressive Driving Crashes with Injuries	4,968	4,531	4,611	4,821	4,956	5,409	5,211	4,939	4,549	3,710
Aggressive Driving Crash Injury Rates	52.4%	53.1%	51.9%	54.1%	54.6%	54.6%	52.7%	51.7%	49.7%	57.4%
Driver Error/Confusion Crashes	7,801	7,216	7,038	6,538	6,721	7,039	7,126	7,066	6,990	5,070
Driver Error/Confusion Crashes with Injuries	3,035	2,684	2,558	2,477	2,555	2,737	2,671	2,615	2,567	2,150
Driver Error/Confusion Crash Injury Rate	38.9%	37.2%	36.3%	37.9%	38.0%	38.9%	37.5%	37.0%	36.7%	42.4%
Environmental Crashes	6,233	6,874	7,119	5,970	6,454	5,799	7,216	7,344	6,461	4,328
Environmental Crashes with Injuries	2,859	2,959	3,037	2,681	2,966	2,736	3,173	3,059	2,772	2,060
Environmental Crash Fatality Rate	0.9%	0.8%	0.8%	0.7%	1.1%	1.1%	0.7%	0.7%	0.9%	1.3%
Speeding Crashes	4,952	4,678	4,639	4,165	4,395	4,583	4,911	4,849	4,276	3,034
Speeding Crashes with Injuries	2,354	2,081	2,133	1,910	2,036	2,125	2,177	2,172	1,907	1,520
Speeding Crash Injury Rate	47.5%	44.5%	46.0%	45.9%	46.3%	46.4%	44.3%	44.8%	44.6%	50.1%
Provincial Crashes	35,306	34,490	35,622	34,399	34,992	36,949	38,262	37,676	35,445	25,475
Provincial Crashes with Injuries	15,366	14,476	15,043	14,898	15,365	16,245	16,011	15,297	14,320	11,846
Provincial Crash Injury Rate	43.5%	42.0%	42.2%	43.3%	43.9%	44.0%	41.8%	40.6%	40.4%	46.5%

*Police-Reported Crash data for the most recent year is omitted until the coming year, when manual data entry will be finalized. As such, crash fatality and injury rates for the previous year should be used as the most recent data.*

*Detailed definitions of each contributing factor group are defined in the Definitions section.*



## Contributing Factors - Impairment Injuries

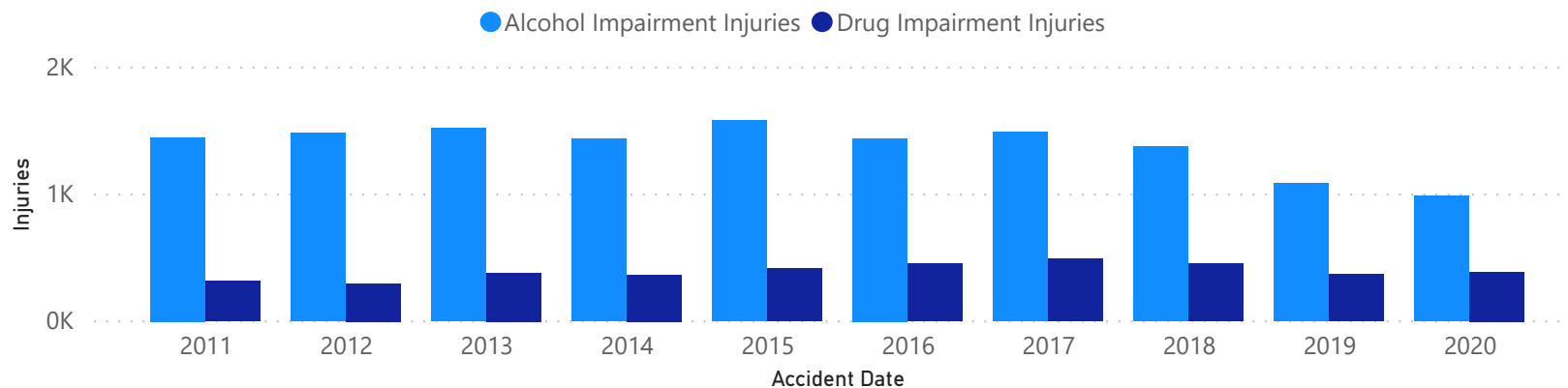
**Table 10: Proportion of Police-Reported Crashes Involving Impairment Resulting in at Least One Injury**

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Alcohol Impairment Crashes	3,440	2,739	2,824	2,677	2,684	2,798	2,739	2,769	2,563	1,945
Alcohol Impairment Crashes with Injuries	1,376	1,034	1,086	1,046	1,020	1,133	1,047	1,047	990	805
Alcohol Impairment Crash Injury Rate	40.0%	37.8%	38.5%	39.1%	38.0%	40.5%	38.2%	37.8%	38.6%	41.4%
Drug Impairment Crashes	538	500	478	532	557	604	673	706	658	529
Drug Impairment Crashes with Injuries	270	220	222	265	269	304	328	334	313	252
Drug Impairment Crash Injury Rate	50.2%	44.0%	46.4%	49.8%	48.3%	50.3%	48.7%	47.3%	47.6%	47.6%
Impairment Crashes	3,798	3,081	3,151	3,041	3,091	3,244	3,253	3,289	3,061	2,335
Impairment Crashes with Injuries	1,557	1,189	1,244	1,234	1,209	1,368	1,298	1,296	1,223	988
Impairment Crash Injury Rate	41.0%	38.6%	39.5%	40.6%	39.1%	42.2%	39.9%	39.4%	40.0%	42.3%

Due to the nature of how contributing factors are assigned to each entity involved in a crash, it may be determined that a victim's involvement in a crash was due to both alcohol impairment and drug impairment; therefore, that victim would be counted in the totals for each impairment type.

Police-Reported Crash data for the most recent year is omitted until the coming year, when manual data entry will be finalized. As such, crash fatality and injury rates for the previous year should be used as the most recent data.

**Figure 5: Injuries Where Impairment was a Contributing Factor by Impairment Type**



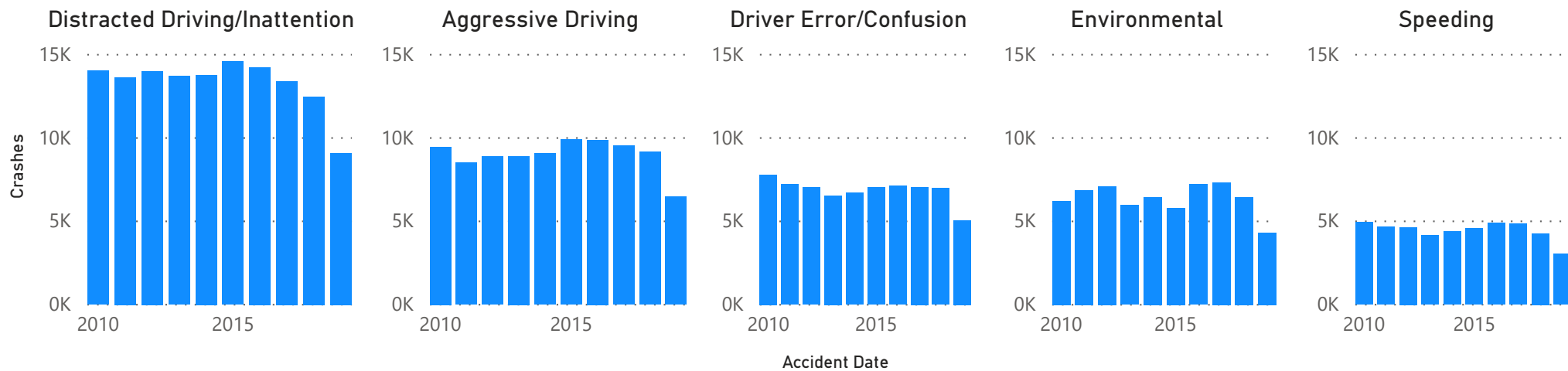
## Contributing Factors - Crashes

**Table 11: Contributing Factors to Police-Reported Crashes**

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Aggressive Driving	9,475	8,533	8,886	8,912	9,085	9,910	9,890	9,554	9,159	6,464
Distracted Driving/Inattention	14,039	13,639	14,023	13,715	13,779	14,598	14,245	13,408	12,478	9,091
Driver Error/Confusion	7,801	7,216	7,038	6,538	6,721	7,039	7,126	7,066	6,990	5,070
Environmental	6,233	6,874	7,119	5,970	6,454	5,799	7,216	7,344	6,461	4,328
Impairment	3,798	3,081	3,151	3,041	3,091	3,244	3,253	3,289	3,061	2,335
Medical Issue	1,370	1,184	1,333	1,315	1,418	1,437	1,504	1,513	1,495	1,259
Road Issue	964	952	951	922	914	1,018	1,017	991	1,019	683
Speeding	4,952	4,678	4,639	4,165	4,395	4,583	4,911	4,849	4,276	3,034
Vehicle Issue	1,003	1,025	1,045	994	985	1,016	1,114	1,007	945	668
Wild Animal	1,265	1,264	1,397	1,312	1,135	1,276	1,316	1,216	1,156	710
Provincial Total	35,306	34,490	35,622	34,399	34,992	36,949	38,262	37,676	35,445	25,475

*Police-Reported Crash data for the most recent year is omitted until the coming year, when manual data entry will be finalized. As such, data from the previous year should be used as the most recent data.*

**Figure 6: Top 5 Contributing Factors to Police-Reported Crashes**



## Characteristics - Road Types

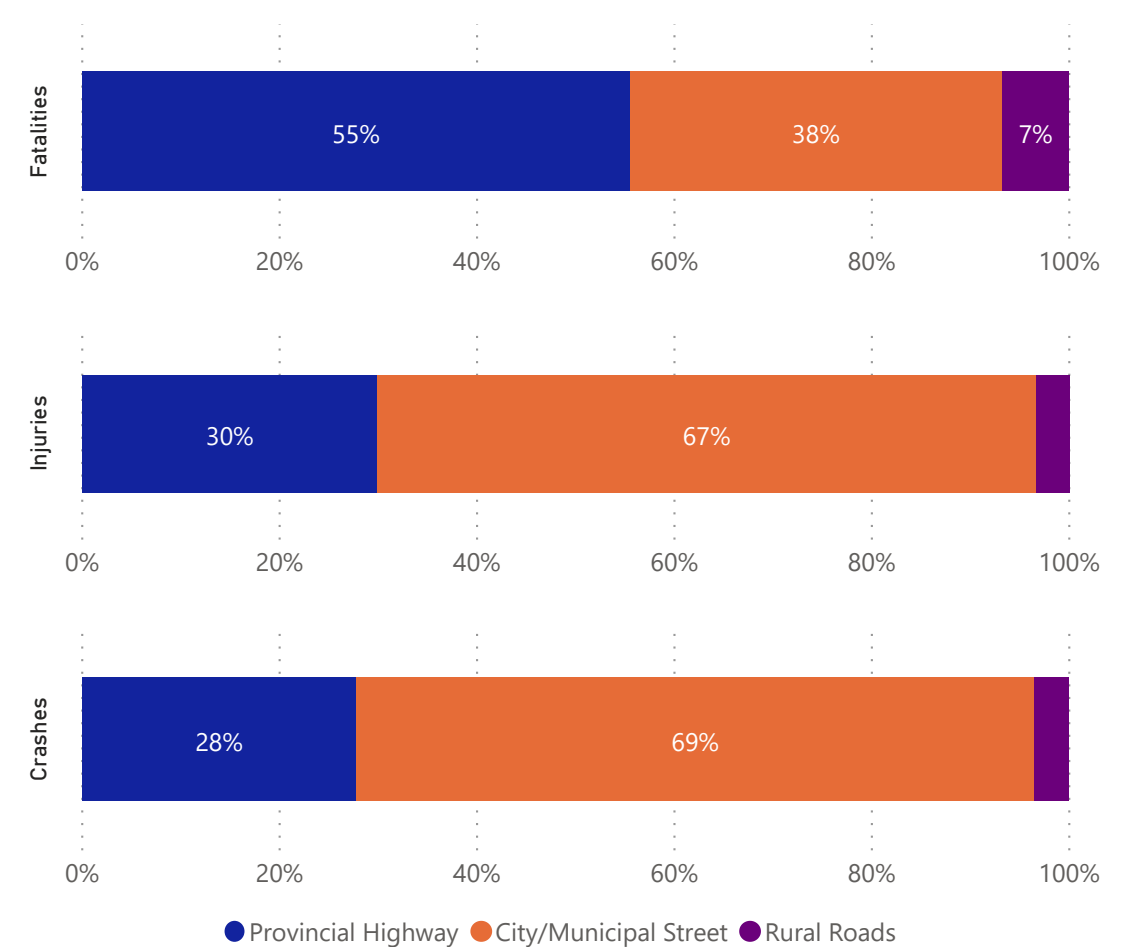
**Table 12: Fatalities, Injuries and Crashes by Road Type**

Road Type	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Provincial Highway										
Fatalities	164	146	139	154	162	149	175	166	151	157
Injuries	5,964	6,010	5,613	5,686	6,479	6,464	7,217	6,118	4,983	4,151
Crashes	9,263	9,371	8,802	9,250	10,151	11,094	11,642	10,133	7,273	
City/Municipal Street										
Fatalities	103	110	116	111	115	126	89	112	104	77
Injuries	12,786	13,264	14,353	14,972	15,478	14,960	13,272	12,987	10,662	7,964
Crashes	23,592	24,466	24,404	24,769	25,717	25,967	24,777	24,110	17,486	
Rural Roads										
Fatalities	25	25	14	24	18	13	23	20	14	15
Injuries	955	972	800	542	535	661	689	669	445	389
Crashes	1,635	1,785	1,193	973	1,081	1,201	1,257	1,202	716	
<b>Fatalities</b>	<b>292</b>	<b>281</b>	<b>269</b>	<b>289</b>	<b>295</b>	<b>288</b>	<b>287</b>	<b>298</b>	<b>269</b>	<b>249</b>
<b>Injuries</b>	<b>19,705</b>	<b>20,246</b>	<b>20,766</b>	<b>21,200</b>	<b>22,492</b>	<b>22,085</b>	<b>21,178</b>	<b>19,774</b>	<b>16,090</b>	<b>12,504</b>
<b>Crashes</b>	<b>34,490</b>	<b>35,622</b>	<b>34,399</b>	<b>34,992</b>	<b>36,949</b>	<b>38,262</b>	<b>37,676</b>	<b>35,445</b>	<b>25,475</b>	

As noted in the Definitions section, fatality, injury and crash counts represent police-reported motor vehicle crashes only.

Police-Reported Crash data for the most recent year is omitted until the coming year, when manual data entry will be finalized. As such, crashes only represent data until the previous year.

**Figure 7: Proportion of Fatalities, Injuries and Crashes by Road Type**



## Characteristics - Road Type Rates

**Table 13: Proportion of Police-Reported Crashes Resulting in Fatalities by Road Type**

Road Type	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Provincial Highway										
Crashes with Fatalities	185	140	123	125	129	145	141	156	157	139
Crash Fatality Rate	2.0%	1.5%	1.3%	1.4%	1.4%	1.4%	1.3%	1.3%	1.5%	1.9%
City/Municipal Street										
Crashes with Fatalities	104	100	105	106	105	115	120	88	109	101
Crash Fatality Rate	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.5%	0.4%	0.5%	0.6%
Rural Roads										
Crashes with Fatalities	30	24	23	14	22	17	13	22	20	12
Crash Fatality Rate	1.8%	1.5%	1.3%	1.2%	2.3%	1.6%	1.1%	1.8%	1.7%	1.7%
<b>Crashes with Fatalities</b>	<b>319</b>	<b>264</b>	<b>251</b>	<b>245</b>	<b>256</b>	<b>277</b>	<b>274</b>	<b>266</b>	<b>286</b>	<b>252</b>
<b>Crash Fatality Rate</b>	<b>0.9%</b>	<b>0.8%</b>	<b>0.7%</b>	<b>0.7%</b>	<b>0.7%</b>	<b>0.7%</b>	<b>0.7%</b>	<b>0.7%</b>	<b>0.8%</b>	<b>1.0%</b>

*Police-Reported Crash data for the most recent year where an injury or fatality did not occur is expected to increase significantly as additional crash data is entered into TAS. As such, crash fatality and injury rates for the previous year should be used as the most recent data.*

**Table 14: Proportion of Police-Reported Crashes Resulting in Injuries by Road Type**

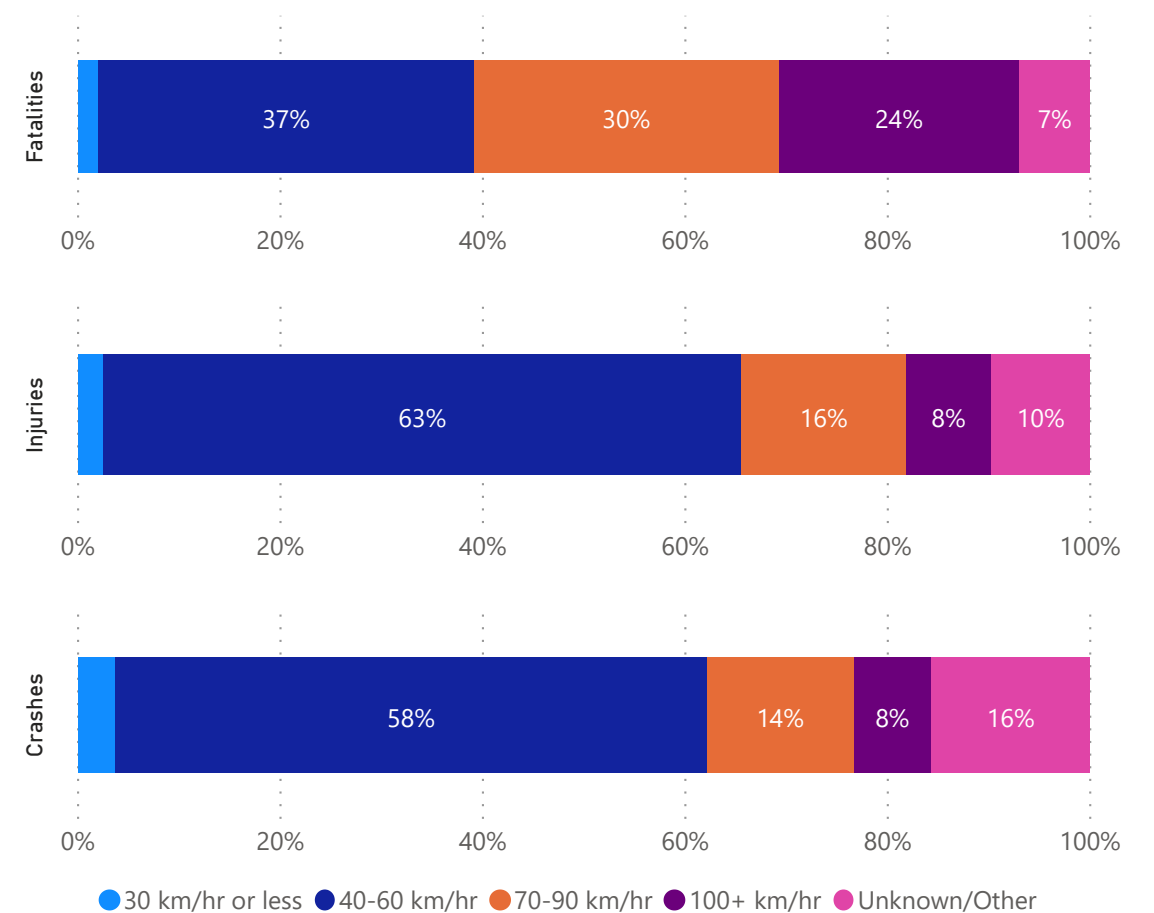
Road Type	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Provincial Highway										
Crashes with Injuries	4,398	4,136	4,233	3,834	3,898	4,380	4,473	4,961	4,208	3,437
Crash Injury Rate	47.3%	44.7%	45.2%	43.6%	42.1%	43.1%	40.3%	42.6%	41.5%	47.3%
City/Municipal Street										
Crashes with Injuries	10,192	9,635	10,098	10,470	11,081	11,470	11,037	9,829	9,616	8,066
Crash Injury Rate	42.0%	40.8%	41.3%	42.9%	44.7%	44.6%	42.5%	39.7%	39.9%	46.1%
Rural Roads										
Crashes with Injuries	776	705	712	594	386	395	501	507	496	343
Crash Injury Rate	45.5%	43.1%	39.9%	49.8%	39.7%	36.5%	41.7%	40.3%	41.3%	47.9%
<b>Crashes with Injuries</b>	<b>15,366</b>	<b>14,476</b>	<b>15,043</b>	<b>14,898</b>	<b>15,365</b>	<b>16,245</b>	<b>16,011</b>	<b>15,297</b>	<b>14,320</b>	<b>11,846</b>
<b>Crash Injury Rate</b>	<b>43.5%</b>	<b>42.0%</b>	<b>42.2%</b>	<b>43.3%</b>	<b>43.9%</b>	<b>44.0%</b>	<b>41.8%</b>	<b>40.6%</b>	<b>40.4%</b>	<b>46.5%</b>

## Characteristics - Speed Limit

**Table 15: Fatalities, Injuries, and Crashes by Speed Limit**

Speed Limit	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
30 km/hr or less										
Fatalities	5	11	6	2	4	4	6	3	7	8
Injuries	414	519	481	434	547	526	538	561	462	413
Crashes	1,197	1,330	1,037	1,086	1,272	1,478	1,478	1,502	1,094	
40-60 km/hr										
Fatalities	105	116	112	95	107	126	94	108	112	72
Injuries	12,522	12,875	13,438	13,545	14,553	14,177	12,892	12,423	9,776	7,442
Crashes	20,541	21,039	20,455	20,556	21,798	22,539	21,361	20,377	14,550	
70-90 km/hr										
Fatalities	86	82	86	95	81	88	96	87	66	80
Injuries	3,376	3,341	3,396	3,451	3,520	3,442	3,558	2,928	2,663	2,159
Crashes	5,100	5,219	5,177	5,116	5,184	5,408	5,561	4,916	3,660	
100+ km/hr										
Fatalities	65	50	48	70	83	57	72	80	74	71
Injuries	1,565	1,567	1,562	1,742	1,882	1,836	2,075	1,783	1,390	1,152
Crashes	2,545	2,568	2,366	2,658	2,932	3,046	3,253	2,714	2,057	
Unknown/Other										
Fatalities	31	22	17	27	20	13	19	20	10	18
Injuries	1,828	1,944	1,889	2,028	1,990	2,104	2,115	2,079	1,799	1,348
Crashes	5,107	5,466	5,364	5,576	5,763	5,791	6,023	5,936	4,114	
<b>Fatalities</b>	<b>292</b>	<b>281</b>	<b>269</b>	<b>289</b>	<b>295</b>	<b>288</b>	<b>287</b>	<b>298</b>	<b>269</b>	<b>249</b>
<b>Injuries</b>	<b>19,705</b>	<b>20,246</b>	<b>20,766</b>	<b>21,200</b>	<b>22,492</b>	<b>22,085</b>	<b>21,178</b>	<b>19,774</b>	<b>16,090</b>	<b>12,514</b>
<b>Crashes</b>	<b>34,490</b>	<b>35,622</b>	<b>34,399</b>	<b>34,992</b>	<b>36,949</b>	<b>38,262</b>	<b>37,676</b>	<b>35,445</b>	<b>25,475</b>	

**Figure 8: Proportion of Fatalities, Injuries, and Crashes by Speed Limit**



Police-Reported Crash data for the most recent year is omitted until the coming year, when manual data entry will be finalized. As such, crashes only represent data until the previous year.

## Characteristics - Speed Limit Rates

**Table 16: Proportion of Police-Reported Crashes Resulting in Fatalities by Speed Limit**

Speed Limit	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
30 km/hr or less										
Crashes with Fatalities	3	5	10	6	2	4	4	5	3	7
Crash Fatality Rate	0.3%	0.4%	0.8%	0.6%	0.2%	0.3%	0.3%	0.3%	0.2%	0.6%
40-60 km/hr										
Crashes with Fatalities	112	102	110	107	91	104	120	92	107	108
Crash Fatality Rate	0.5%	0.5%	0.5%	0.5%	0.4%	0.5%	0.5%	0.4%	0.5%	0.7%
70-90 km/hr										
Crashes with Fatalities	123	79	72	71	82	78	85	87	83	62
Crash Fatality Rate	2.3%	1.5%	1.4%	1.4%	1.6%	1.5%	1.6%	1.6%	1.7%	1.7%
100+ km/hr										
Crashes with Fatalities	53	53	38	44	55	72	52	63	73	66
Crash Fatality Rate	2.4%	2.1%	1.5%	1.9%	2.1%	2.5%	1.7%	1.9%	2.7%	3.2%

Police-Reported Crash data for the most recent year where an injury or fatality did not occur is expected to increase significantly as additional crash data is entered into TAS. As such, crash fatality and injury rates for the previous year should be used as the most recent data.

Crashes where the speed\_zn variable was either "0 – Unknown" or "999 – Other" were not grouped into a speed limit group in these tables.

**Table 17: Proportion of Police-Reported Crashes Resulting in Injuries by Speed Limit**

Speed Limit	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
30 km/hr or less										
Crashes with Injuries	421	355	425	397	356	444	446	453	457	387
Crash Injury Rate	35.3%	29.7%	32.0%	38.3%	32.8%	34.9%	30.2%	30.6%	30.4%	35.4%
40-60 km/hr										
Crashes with Injuries	10,072	9,348	9,665	9,713	9,946	10,592	10,388	9,466	9,075	7,341
Crash Injury Rate	46.6%	45.5%	45.9%	47.5%	48.4%	48.6%	46.1%	44.3%	44.5%	50.5%
70-90 km/hr										
Crashes with Injuries	2,460	2,284	2,336	2,280	2,334	2,368	2,348	2,398	2,034	1,788
Crash Injury Rate	45.8%	44.8%	44.8%	44.0%	45.6%	45.7%	43.4%	43.1%	41.4%	48.9%
100+ km/hr										
Crashes with Injuries	1,022	1,064	1,081	1,037	1,159	1,279	1,240	1,402	1,153	952
Crash Injury Rate	45.8%	41.8%	42.1%	43.8%	43.6%	43.6%	40.7%	43.1%	42.5%	46.3%

## Characteristics - Intersections

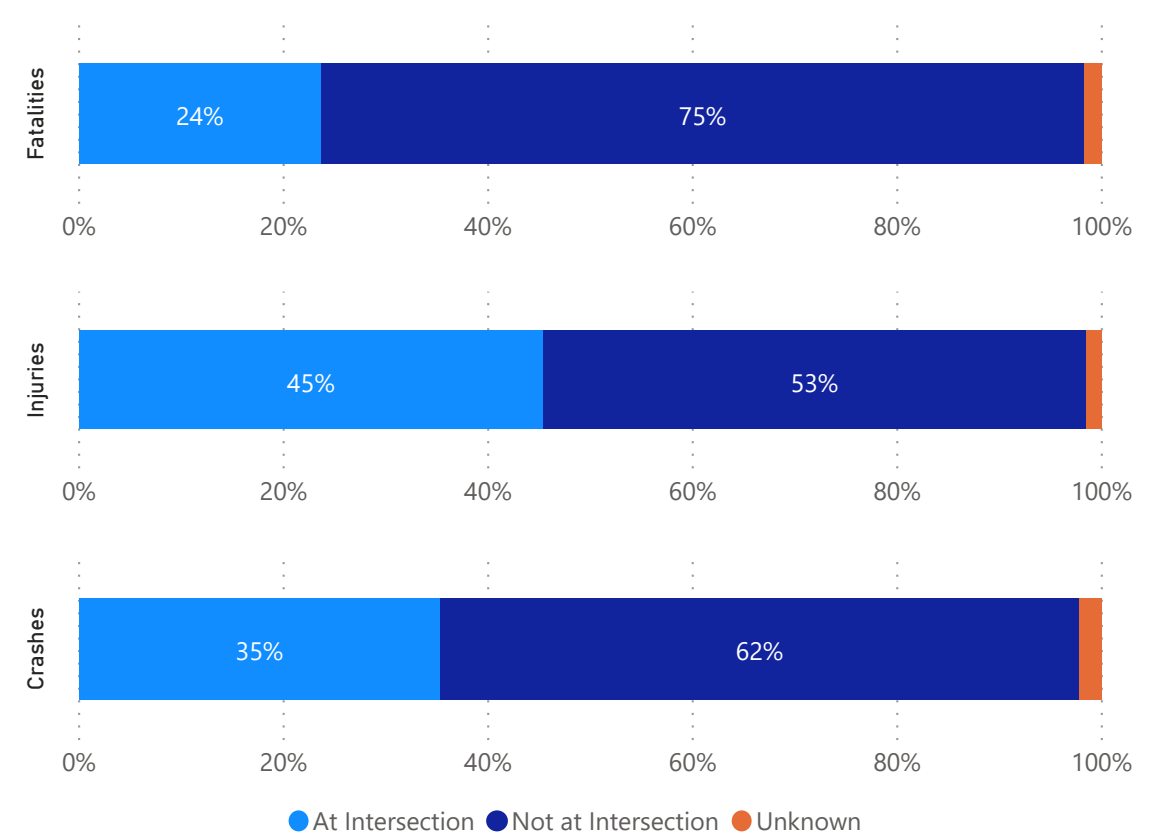
**Table 18: Fatalities, Injuries and Crashes at Intersections**

Accident Location	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
At Intersection										
Fatalities	66	77	79	49	73	85	62	72	56	47
Injuries	9,101	8,997	9,690	9,683	10,244	10,148	9,484	9,058	7,247	5,280
Crashes	12,365	12,616	12,326	12,537	12,997	13,333	12,969	12,374	9,132	
Not at Intersection										
Fatalities	216	192	185	238	215	203	222	222	210	200
Injuries	10,301	10,888	10,763	11,259	11,960	11,640	11,381	10,408	8,547	7,005
Crashes	21,207	22,133	21,348	21,830	23,168	24,152	23,856	22,222	15,798	
Unknown										
Fatalities	10	12	5	2	7	0	3	4	3	2
Injuries	303	361	313	258	288	297	313	308	296	229
Crashes	918	873	725	625	784	777	851	849	545	
<b>Fatalities</b>	<b>292</b>	<b>281</b>	<b>269</b>	<b>289</b>	<b>295</b>	<b>288</b>	<b>287</b>	<b>298</b>	<b>269</b>	<b>249</b>
<b>Injuries</b>	<b>19,705</b>	<b>20,246</b>	<b>20,766</b>	<b>21,200</b>	<b>22,492</b>	<b>22,085</b>	<b>21,178</b>	<b>19,774</b>	<b>16,090</b>	<b>12,514</b>
<b>Crashes</b>	<b>34,490</b>	<b>35,622</b>	<b>34,399</b>	<b>34,992</b>	<b>36,949</b>	<b>38,262</b>	<b>37,676</b>	<b>35,445</b>	<b>25,475</b>	

Police-Reported Crash data for the most recent year is omitted until the coming year, when manual data entry will be finalized. As such, crashes only represent data until the previous year.

As noted in the Definitions section, fatality, injury and crash counts represent police-reported motor vehicle crashes only.

**Figure 9: Proportion of Fatalities, Injuries and Crashes at Intersections**



Please refer to the Definitions section for a detailed definition of an "intersection".

Please also note that the definition of an intersection in TAS data differs from that used by ICBC. Additionally, ICBC reports on intersections using ICBC claims data, which contains many less severe motor vehicle crashes; as such, trends may not be consistent.

## Characteristics - Intersection Rates

**Table 19: Proportion of Police-Reported Crashes Resulting in Fatalities at Intersections**

Accident Location	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
At Intersection										
Crashes with Fatalities	60	63	72	70	47	73	82	61	67	53
Crash Fatality Rate	0.5%	0.5%	0.6%	0.6%	0.4%	0.6%	0.6%	0.5%	0.5%	0.6%
Not at Intersection										
Crashes with Fatalities	253	194	170	170	207	198	192	203	215	196
Crash Fatality Rate	1.2%	0.9%	0.8%	0.8%	0.9%	0.9%	0.8%	0.9%	1.0%	1.2%
Unknown										
Crashes with Fatalities	6	7	9	5	2	6		2	4	3
Crash Fatality Rate	0.8%	0.8%	1.0%	0.7%	0.3%	0.8%		0.2%	0.5%	0.6%

*Police-Reported Crash data for the most recent year where an injury or fatality did not occur is expected to increase significantly as additional crash data is entered into TAS. As such, crash fatality and injury rates for the previous year should be used as the most recent data.*

**Table 20: Proportion of Police-Reported Crashes Resulting in Injuries at Intersections**

Accident Location	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
At Intersection										
Crashes with Injuries	6,850	6,530	6,567	6,720	6,854	7,192	7,137	6,646	6,370	5,227
Crash Injury Rate	52.8%	52.8%	52.1%	54.5%	54.7%	55.3%	53.5%	51.2%	51.5%	57.2%
Not at Intersection										
Crashes with Injuries	8,301	7,732	8,199	7,941	8,322	8,841	8,646	8,430	7,715	6,410
Crash Injury Rate	38.4%	36.5%	37.0%	37.2%	38.1%	38.2%	35.8%	35.3%	34.7%	40.6%
Unknown										
Crashes with Injuries	215	214	277	237	189	212	228	221	235	209
Crash Injury Rate	30.4%	23.3%	31.7%	32.7%	30.2%	27.0%	29.3%	26.0%	27.7%	38.3%



## Characteristics - Vehicle Type Involved

**Table 21: Fatalities, Injuries, and Crashes by Vehicle Type Involved**

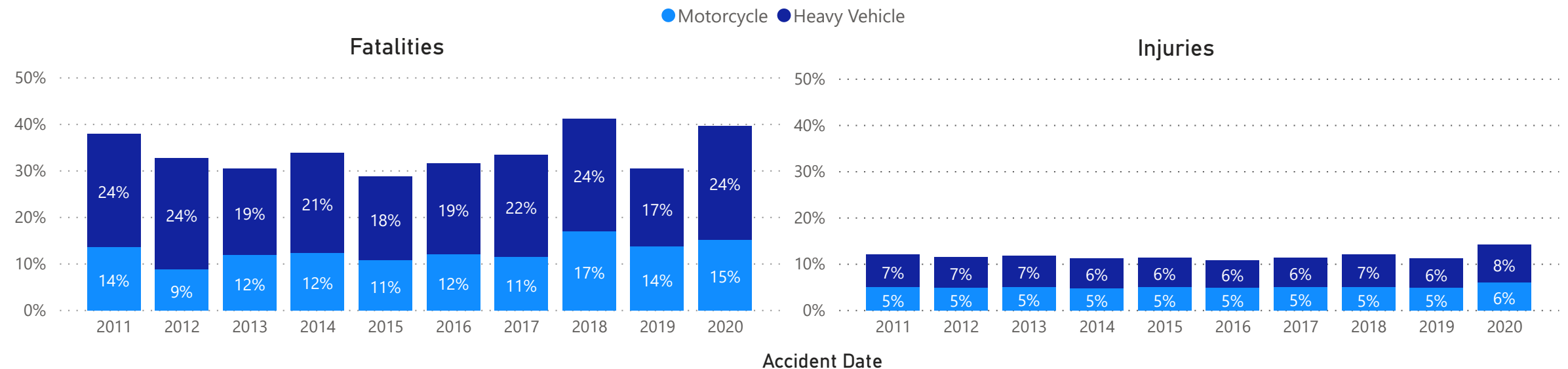
Vehicle Type	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Heavy Vehicle										
Fatalities	71	67	50	62	53	56	63	72	45	61
Injuries	1,388	1,345	1,395	1,361	1,428	1,287	1,328	1,398	1,017	1,018
Crashes	2,969	2,878	2,781	2,838	2,809	2,811	3,014	2,914	2,078	
Motorcycle										
Fatalities	40	25	32	36	32	35	33	51	37	38
Injuries	1,006	1,006	1,071	1,039	1,136	1,111	1,098	996	788	762
Crashes	1,020	1,073	1,062	1,069	1,164	1,168	1,116	1,026	808	

Police-Reported Crash data for the most recent year is omitted until the coming year, when manual data entry will be finalized. As such, crashes only represent data until the previous year.

As noted in the Definitions section, fatality, injury and crash counts represent police-reported motor vehicle crashes only.

**Note:** Motorcycle fatalities have been calculated as the number of fatalities resulting from a crash where a motorcycle was involved, even if the victim was not the motorcycle driver or passenger.

**Figure 10: Proportion of Crashes Resulting in Fatalities and Injuries Involving Motorcycles and Heavy Vehicles**



## Characteristics - Vehicle Type Rates

**Table 22: Proportion of Police-Reported Crashes Resulting in Fatalities by Vehicle Type**

Vehicle Type	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Heavy Vehicle										
Crashes with Fatalities	52	57	53	47	48	50	54	60	66	43
Crash Fatality Rate	2.0%	1.9%	1.8%	1.7%	1.7%	1.8%	1.9%	2.0%	2.3%	2.1%
Motorcycle										
Crashes with Fatalities	35	38	23	30	35	32	35	32	51	37
Crash Fatality Rate	3.2%	3.7%	2.1%	2.8%	3.3%	2.7%	3.0%	2.9%	5.0%	4.6%
Other										
Crashes with Fatalities	286	230	234	224	232	250	251	240	251	227
Crash Fatality Rate	0.8%	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.9%

*Police-Reported Crash data for the most recent year where an injury or fatality did not occur is expected to increase significantly as additional crash data is entered into TAS. As such, crash fatality and injury rates for the previous year should be used as the most recent data.*

**Table 23: Proportion of Police-Reported Crashes Resulting in Injuries by Vehicle Type**

Vehicle Type	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Heavy Vehicle										
Crashes with Injuries	941	991	989	1,003	1,020	976	931	956	952	776
Crash Injury Rate	36.9%	33.4%	34.4%	36.1%	35.9%	34.7%	33.1%	31.7%	32.7%	37.3%
Motorcycle										
Crashes with Injuries	958	873	902	918	922	1,000	989	957	861	709
Crash Injury Rate	86.2%	85.6%	84.1%	86.4%	86.2%	85.9%	84.7%	85.8%	83.9%	87.7%
Other										
Crashes with Injuries	14,726	13,835	14,401	14,222	14,697	15,571	15,390	14,684	13,679	11,328
Crash Injury Rate	43.3%	41.9%	42.1%	43.1%	43.8%	43.8%	41.7%	40.5%	40.2%	46.5%

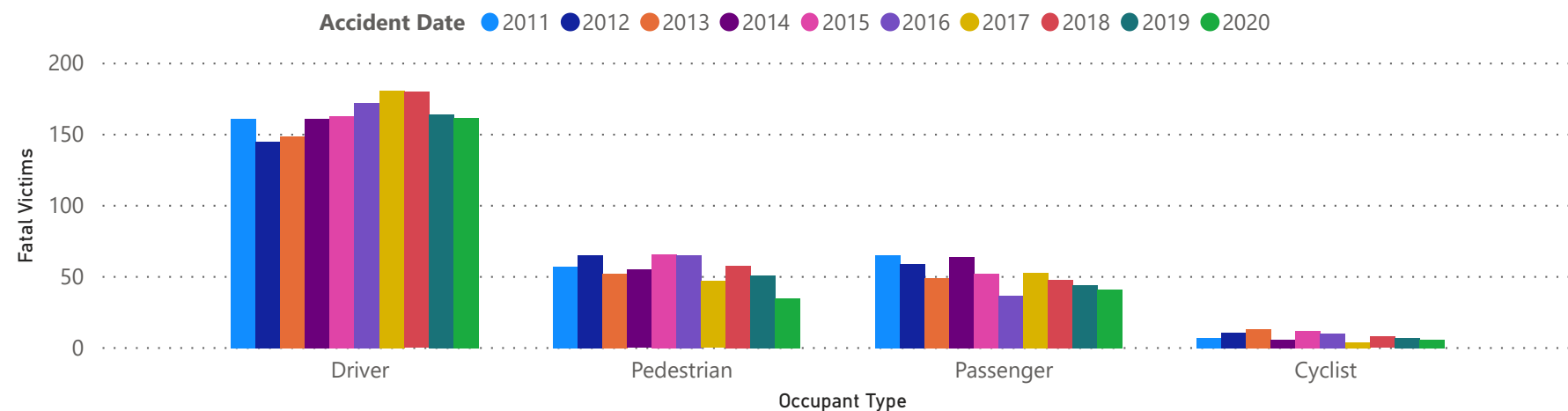
## Characteristics - Occupant Position

**Table 24: Fatalities, Injuries, and Crashes by Occupant Type**

Occupant Type	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
<b>Driver</b>	<b>161</b>	<b>145</b>	<b>149</b>	<b>161</b>	<b>163</b>	<b>172</b>	<b>181</b>	<b>180</b>	<b>164</b>	<b>162</b>
Other Vehicle	114	115	115	115	122	131	138	119	122	113
Motorcycle	36	23	25	35	30	34	29	48	35	37
Heavy Vehicle	11	7	9	11	11	7	14	13	7	12
<b>Pedestrian</b>	<b>57</b>	<b>65</b>	<b>52</b>	<b>55</b>	<b>66</b>	<b>65</b>	<b>47</b>	<b>58</b>	<b>51</b>	<b>35</b>
<b>Passenger</b>	<b>65</b>	<b>59</b>	<b>49</b>	<b>64</b>	<b>52</b>	<b>37</b>	<b>53</b>	<b>48</b>	<b>44</b>	<b>41</b>
Other Vehicle	61	56	45	59	50	36	51	45	43	37
Heavy Vehicle	2	2	1	4			1	3		3
Motorcycle	2	1	3	1	2	1	1		1	1
<b>Cyclist</b>	<b>7</b>	<b>11</b>	<b>13</b>	<b>6</b>	<b>12</b>	<b>10</b>	<b>4</b>	<b>8</b>	<b>7</b>	<b>6</b>
<b>Other</b>	<b>2</b>	<b>1</b>	<b>6</b>	<b>3</b>	<b>2</b>	<b>4</b>	<b>2</b>	<b>4</b>	<b>3</b>	<b>5</b>
<b>Provincial Total</b>	<b>292</b>	<b>281</b>	<b>269</b>	<b>289</b>	<b>295</b>	<b>288</b>	<b>287</b>	<b>298</b>	<b>269</b>	<b>249</b>

As noted in the Definitions section, fatality, injury and crash counts represent police-reported motor vehicle crashes only.

**Figure 11: Number of Fatalities by Occupant Type**

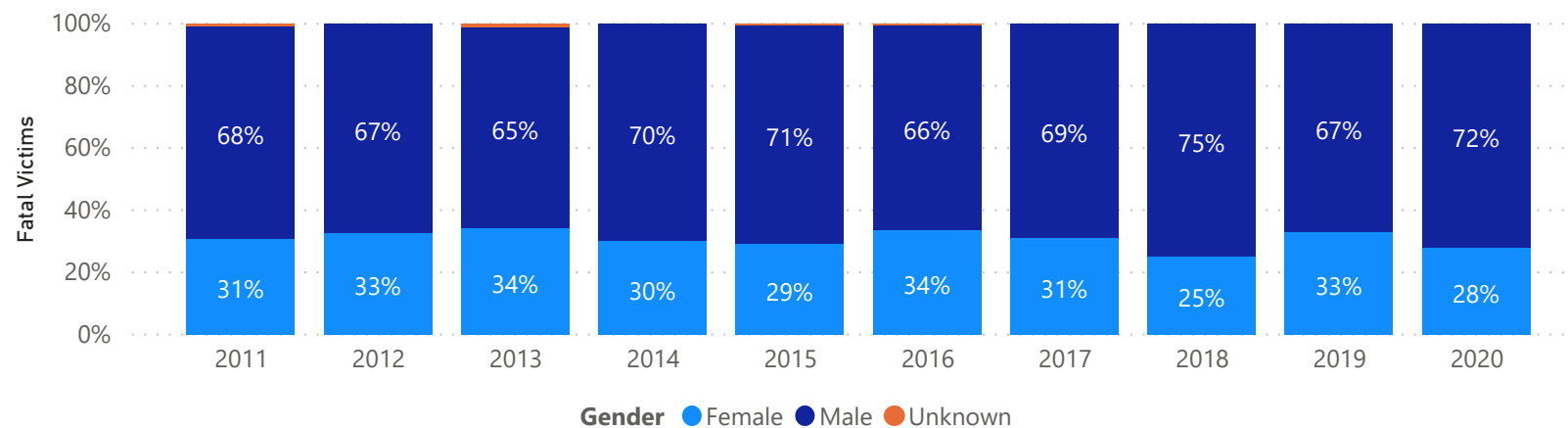


## Population Demographics of Victims - Gender

**Table 25: Fatalities by Gender and Rate per 100,000 Population**

Year	Male Population	Male Fatalities	Male % of Fatalities	Male Fatality Rate	Female Population	Female Fatalities	Female % of Fatalities	Female Fatality Rate	Unknown Fatalities	Unknown % of Fatalities
2011	2,237,994	200	68.5%	8.9	2,264,110	90	30.8%	4.0	2	0.7%
2012	2,268,314	189	67.3%	8.3	2,298,455	92	32.7%	4.0		
2013	2,297,991	174	64.7%	7.6	2,332,086	92	34.2%	3.9	3	1.1%
2014	2,333,888	202	69.9%	8.7	2,373,215	87	30.1%	3.7		
2015	2,365,415	208	70.5%	8.8	2,410,973	86	29.2%	3.6	1	0.3%
2016	2,405,364	190	66.0%	7.9	2,453,886	97	33.7%	4.0	1	0.3%
2017	2,438,883	198	69.0%	8.1	2,490,501	89	31.0%	3.6		
2018	2,479,444	223	74.8%	9.0	2,531,032	75	25.2%	3.0		
2019	2,519,176	180	66.9%	7.1	2,571,779	89	33.1%	3.5		
2020	2,545,728	179	71.9%	7.0	2,601,984	70	28.1%	2.7		

**Figure 12: Proportion of all Fatalities by Gender**



As noted in the Definitions section, fatality, injury and crash counts represent police-reported motor vehicle crashes only.

Population data retrieved from BC Stats. Additional analysis of rate per 100,000 licensed drivers by age groups was not available, which may suggest alternate trends

## Population Demographics of Victims - Age

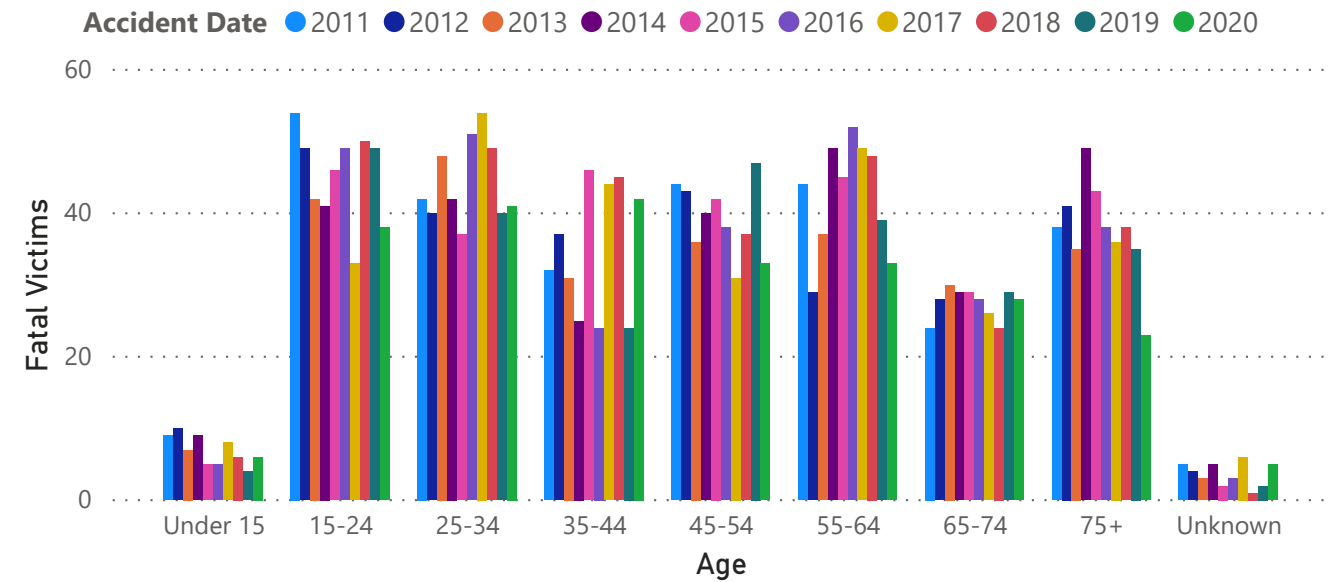
**Table 26: Fatalities by Age Group**

Age	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Under 15	9	10	7	9	5	5	8	6	4	6
15-24	54	49	42	41	46	49	33	50	49	38
25-34	42	40	48	42	37	51	54	49	40	41
35-44	32	37	31	25	46	24	44	45	24	42
45-54	44	43	36	40	42	38	31	37	47	33
55-64	44	29	37	49	45	52	49	48	39	33
65-74	24	28	30	29	29	28	26	24	29	28
75+	38	41	35	49	43	38	36	38	35	23
Unknown	5	4	3	5	2	3	6	1	2	5
<b>Total</b>	<b>292</b>	<b>281</b>	<b>269</b>	<b>289</b>	<b>295</b>	<b>288</b>	<b>287</b>	<b>298</b>	<b>269</b>	<b>249</b>

**Table 27: Fatality Rate per 100,000 Population by Age**

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Under 15	1.3	1.5	1.0	1.3	0.7	0.7	1.1	0.8	0.6	0.8
15-24	9.2	8.3	7.1	6.9	7.8	8.3	5.5	8.2	7.9	6.2
25-34	6.8	6.4	7.5	6.4	5.6	7.5	7.8	6.9	5.5	5.6
35-44	5.2	6.0	5.0	4.0	7.4	3.8	6.9	6.9	3.6	6.1
45-54	6.2	6.1	5.1	5.6	5.9	5.3	4.4	5.4	6.9	4.9
55-64	7.3	4.7	5.8	7.4	6.6	7.4	6.9	6.6	5.3	4.5
65-74	6.5	7.1	7.2	6.6	6.2	5.7	5.1	4.5	5.2	4.9
75+	12.0	12.7	10.6	14.5	12.4	10.7	9.8	10.0	8.8	5.6

**Figure 13: Fatalities by Age Group**



As noted in the Definitions section, fatality, injury and crash counts represent police-reported motor vehicle crashes only.

Previous reports included the unknown ages of victims in the 'Under 15' age range, which has now been corrected.

## Geographical Analysis - Regions

**Table 28: Fatalities by Region**

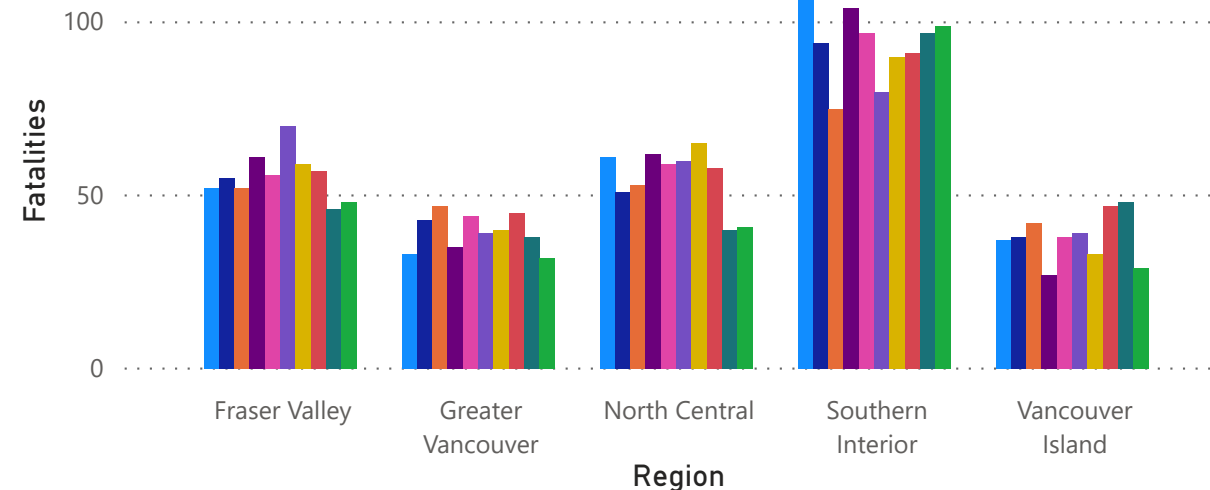
Region	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Fraser Valley	52	55	52	61	56	70	59	57	46	48
Greater Vancouver	33	43	47	35	44	39	40	45	38	32
North Central	61	51	53	62	59	60	65	58	40	41
Southern Interior	107	94	75	104	97	80	90	91	97	99
Vancouver Island	37	38	42	27	38	39	33	47	48	29
<b>Total</b>	<b>290</b>	<b>281</b>	<b>269</b>	<b>289</b>	<b>294</b>	<b>288</b>	<b>287</b>	<b>298</b>	<b>269</b>	<b>249</b>

As noted in the Definitions section, fatality, injury and crash counts represent police-reported motor vehicle crashes only.

Region totals may not add up to provincial totals due to fatalities occurring in locations not specified in regional data.

**Figure 14: Fatalities by Region**

**Accident Date** ● 2011 ● 2012 ● 2013 ● 2014 ● 2015 ● 2016 ● 2017 ● 2018 ● 2019 ● 2020



British Columbia's regions include the following:

**Fraser Valley:** Includes areas south of Vancouver, including Richmond, Delta, and Surrey, and as far east as Hope.

**Greater Vancouver:** Includes Vancouver to Port Coquitlam, as far North as Whistler, and the eastern parts of the Sunshine Coast.

**North Central:** Includes the Central Interior as far south as 100 Mile House, the Peace River district, Prince Rupert, Haida Gwaii, and all points north.

**Southern Interior:** Includes the southern third of the province, including the Kamloops area, the Okanagan and Kootenay regions, as far west as Boston Bar and Lillooet.

**Vancouver Island:** Encompasses the Gulf Islands and the Mainland coastal community of Powell River.

# Geographical Analysis - British Columbia

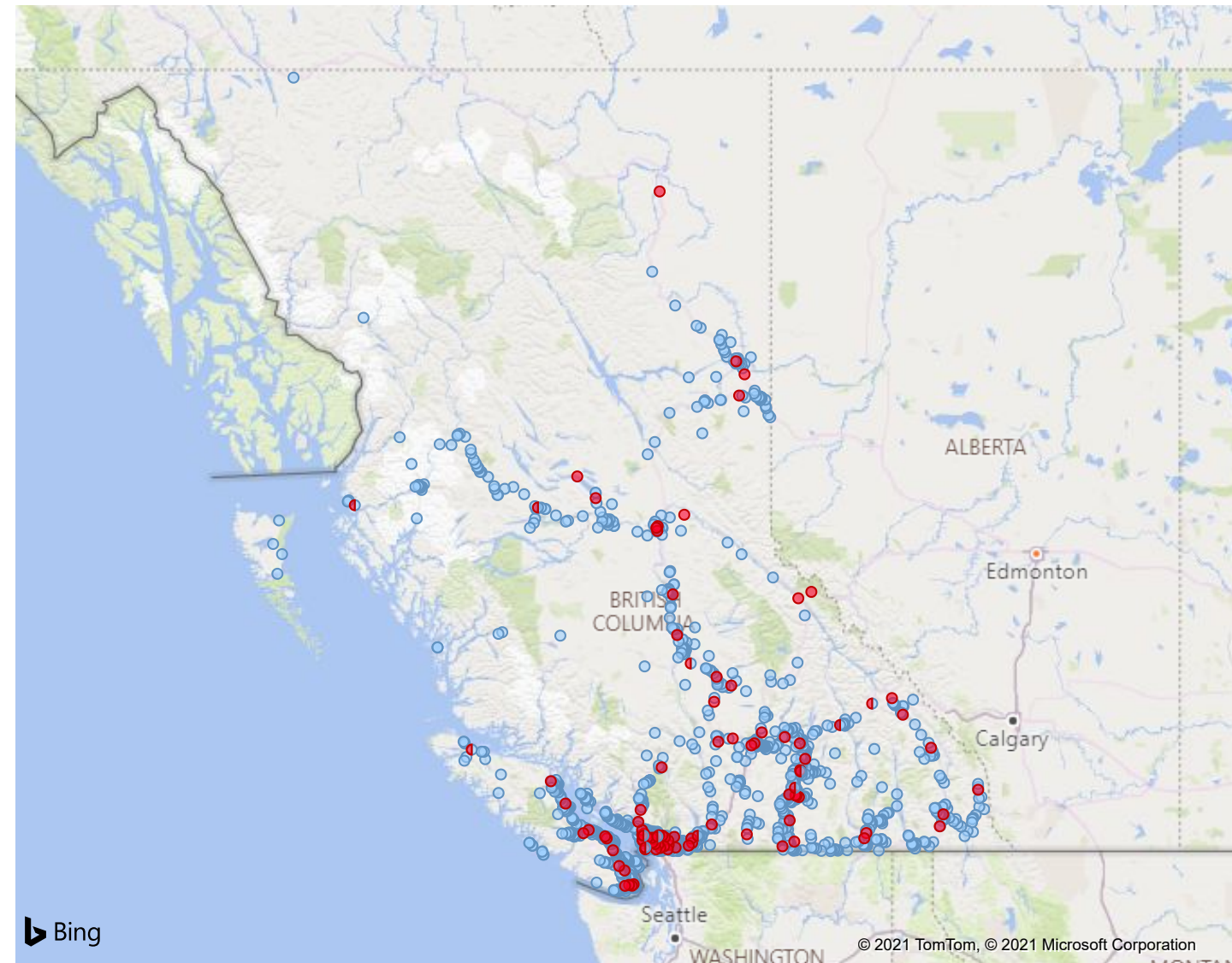
Figure 15: Police-Reported Motor Vehicle Crashes in BC, 2020

## Geographical Analysis - Mapping

The following section examines a geographical representation of all police-reported motor vehicle crashes which resulted in one or more injury or fatality for the most recent year.

Blue dots represent crashes with injuries only. Red dots represent a crash resulting in a fatality.

Legend ● Injury Crash ● Fatal Crash

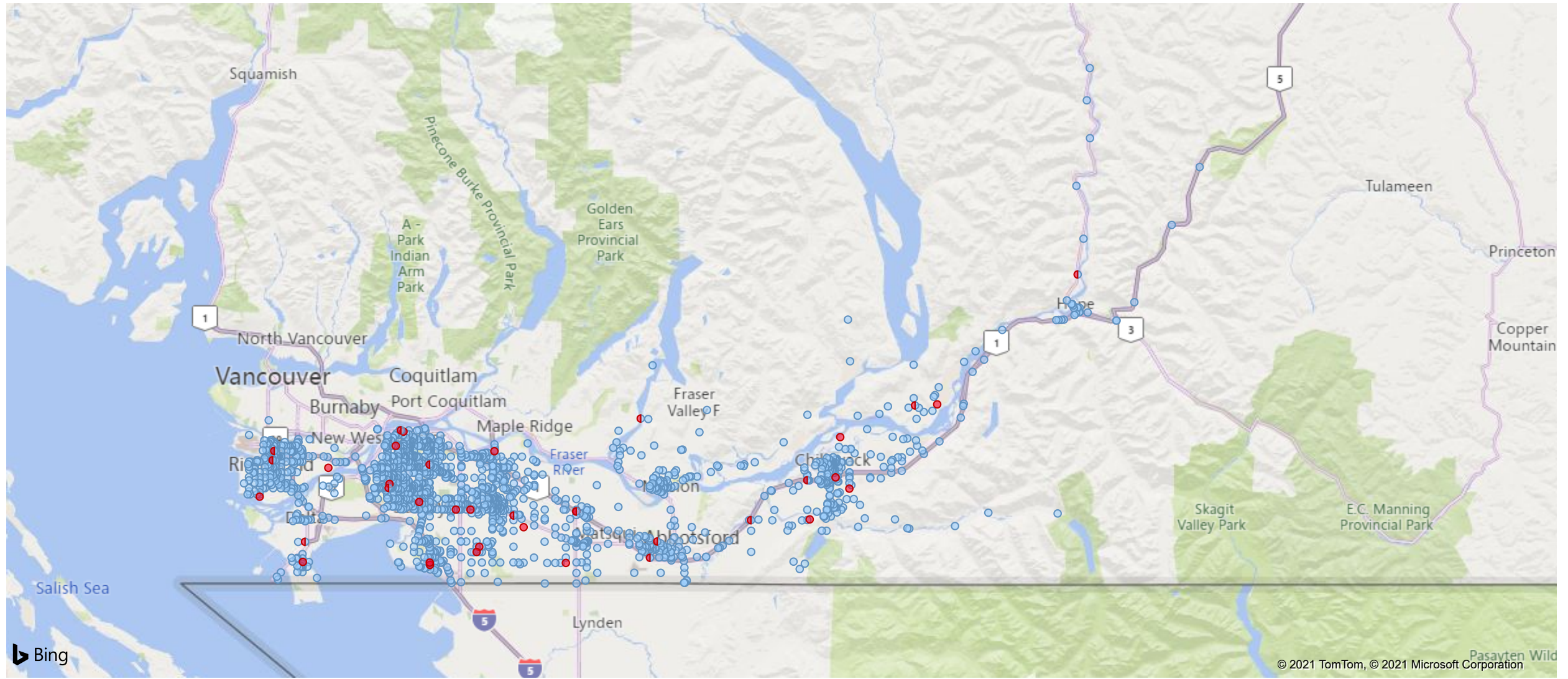




## Geographical Analysis - Fraser Valley

Figure 16 (a): Police-Reported Motor Vehicle Crashes in Fraser Valley 2020

**Legend** ● Injury Crash ● Fatal Crash





## Geographical Analysis - Fraser Valley

Figure 16 (b): Fraser Valley - Surrey and Richmond 2020

Legend ● Injury Crash ● Fatal Crash

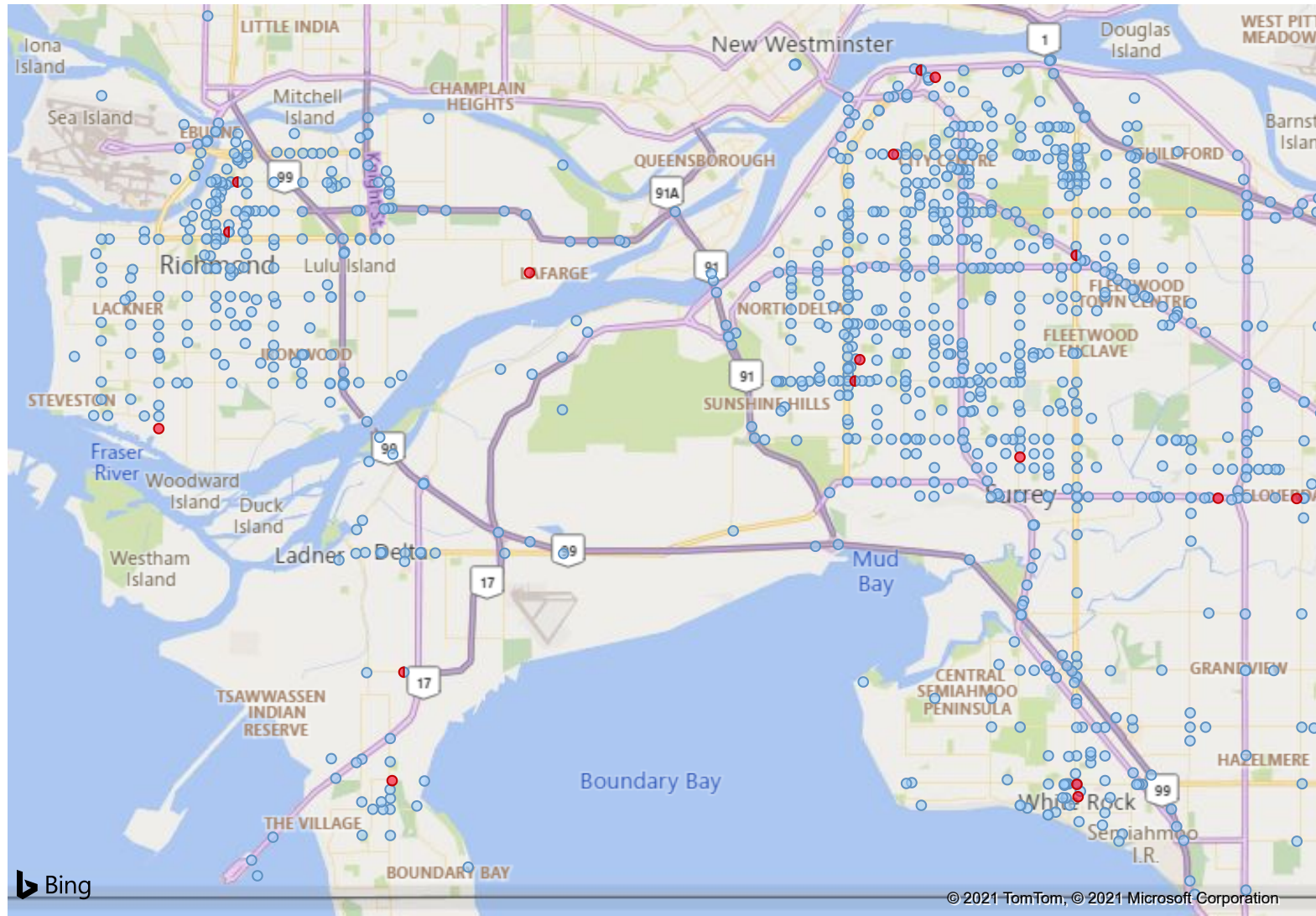
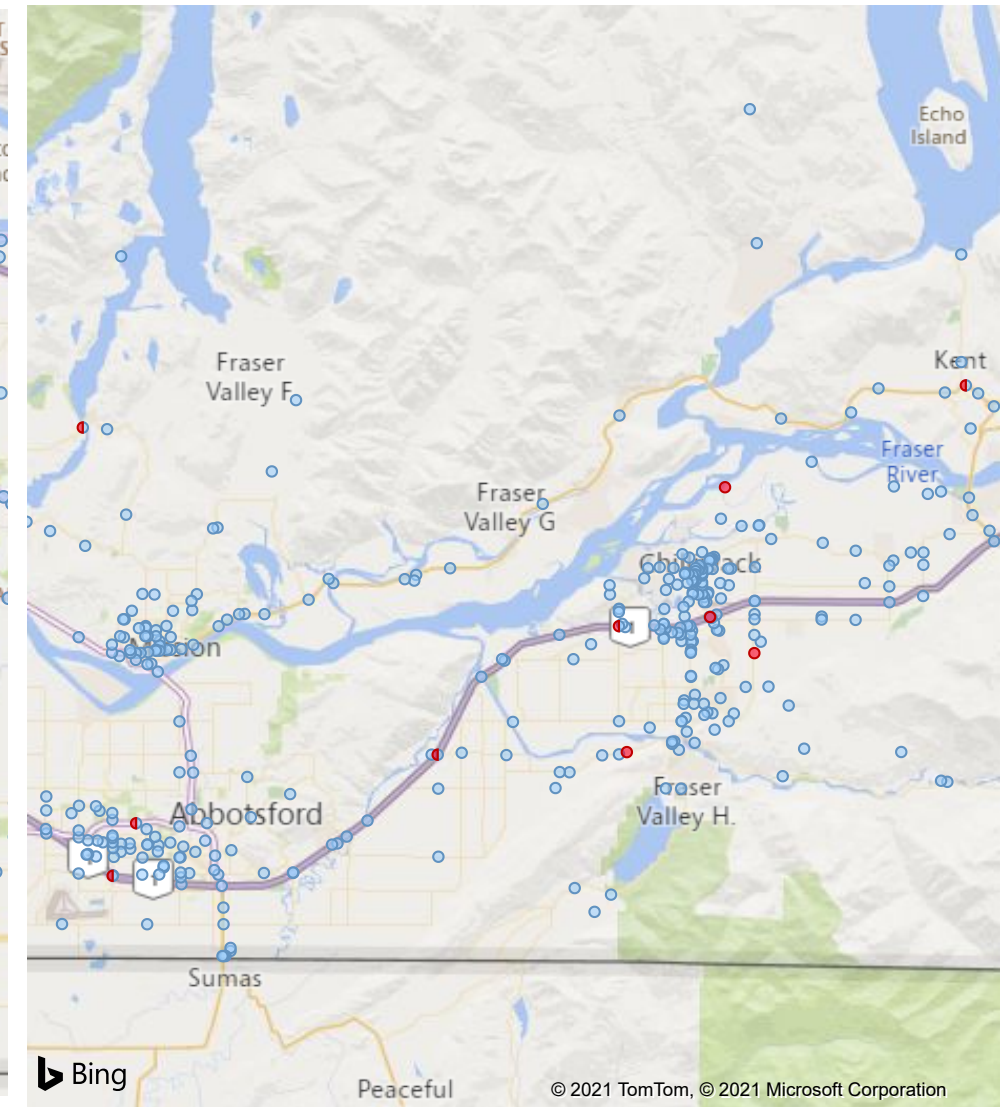


Figure 16 (c): Fraser Valley - Abbotsford and Chilliwack 2020

Legend ● Injury Crash ● Fatal Crash





# Geographical Analysis - Greater Vancouver

Figure 17 (a): Police-Reported Motor Vehicle Crashes in Greater Vancouver 2020

**Legend** ● Injury Crash ● Fatal Crash

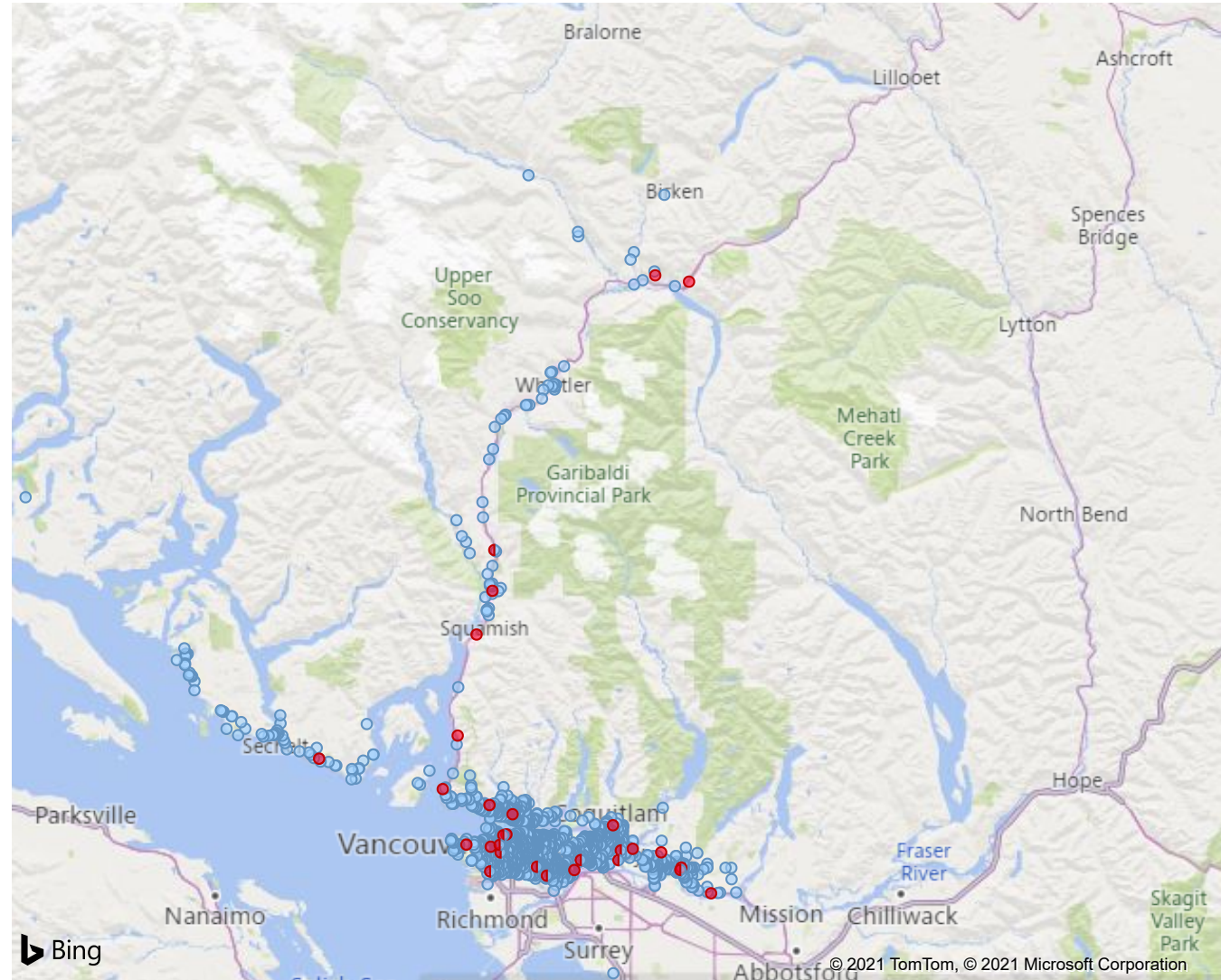
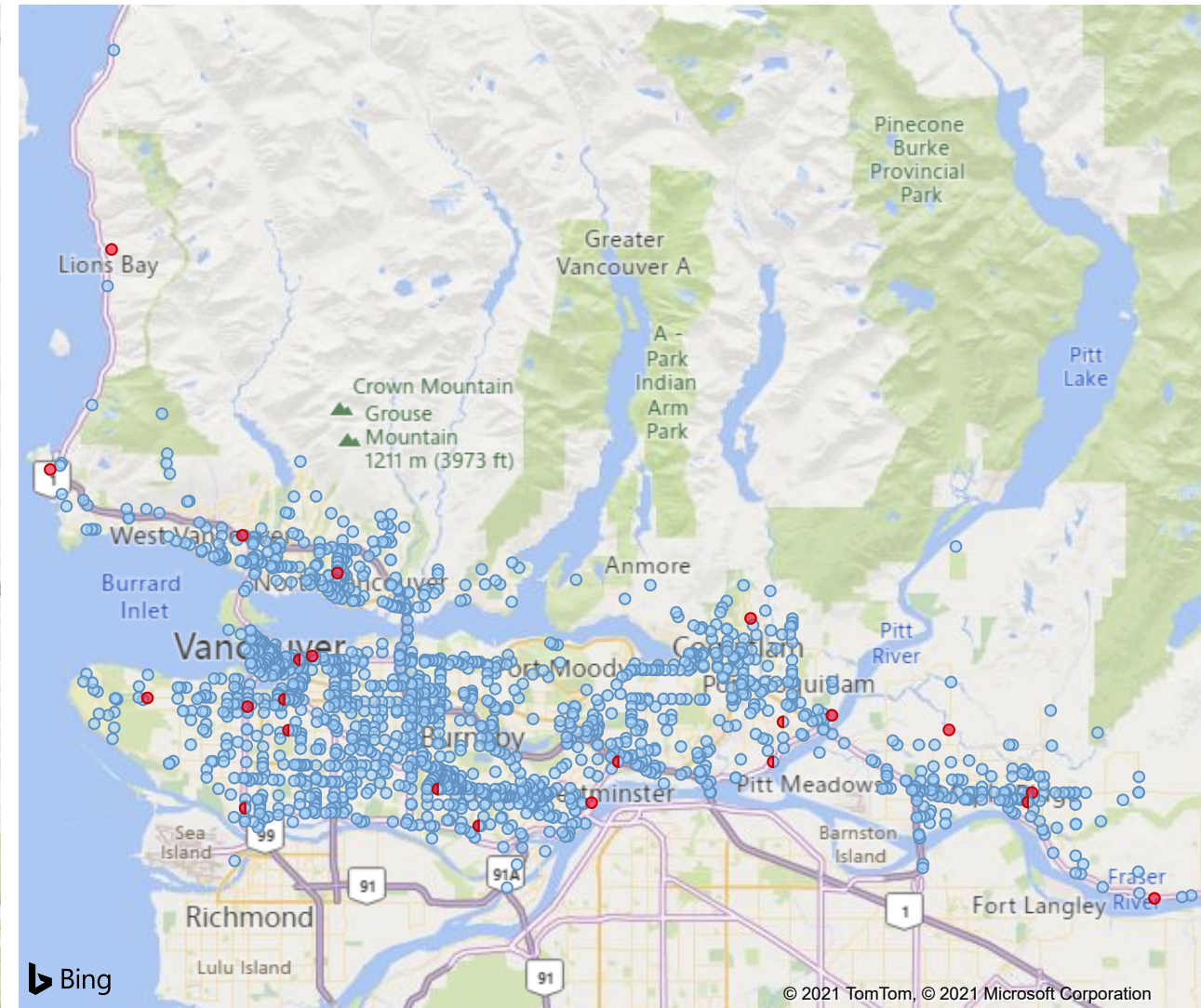


Figure 17 (b): Greater Vancouver - Lower Region 2020

**Legend** ● Injury Crash ● Fatal Crash





# Geographical Analysis - Greater Vancouver

Figure 17 (c): Greater Vancouver - Downtown Vancouver to Burnaby 2020

**Legend** ● Injury Crash ● Fatal Crash

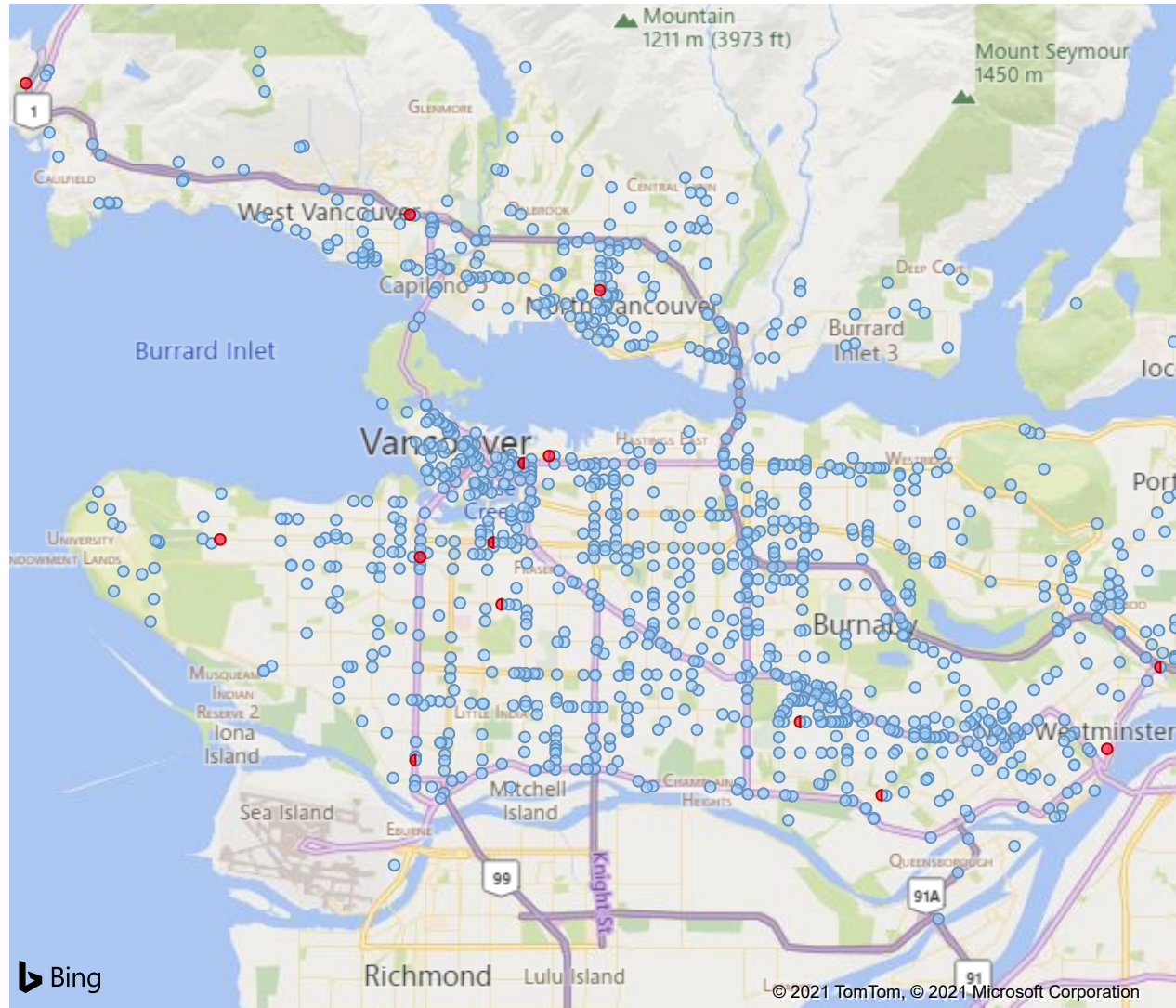
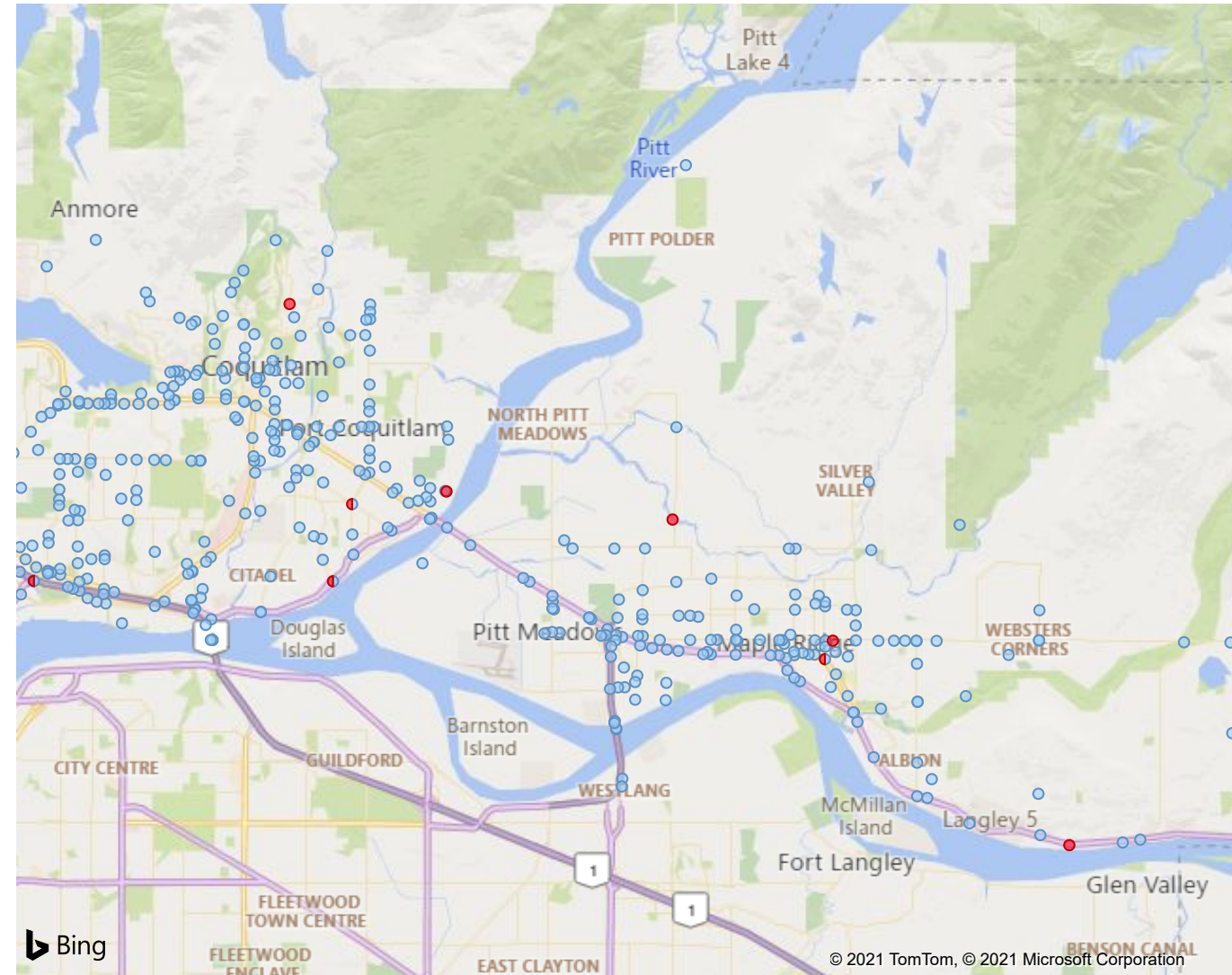


Figure 17 (d): Greater Vancouver - Coquitlam to Maple Ridge 2020

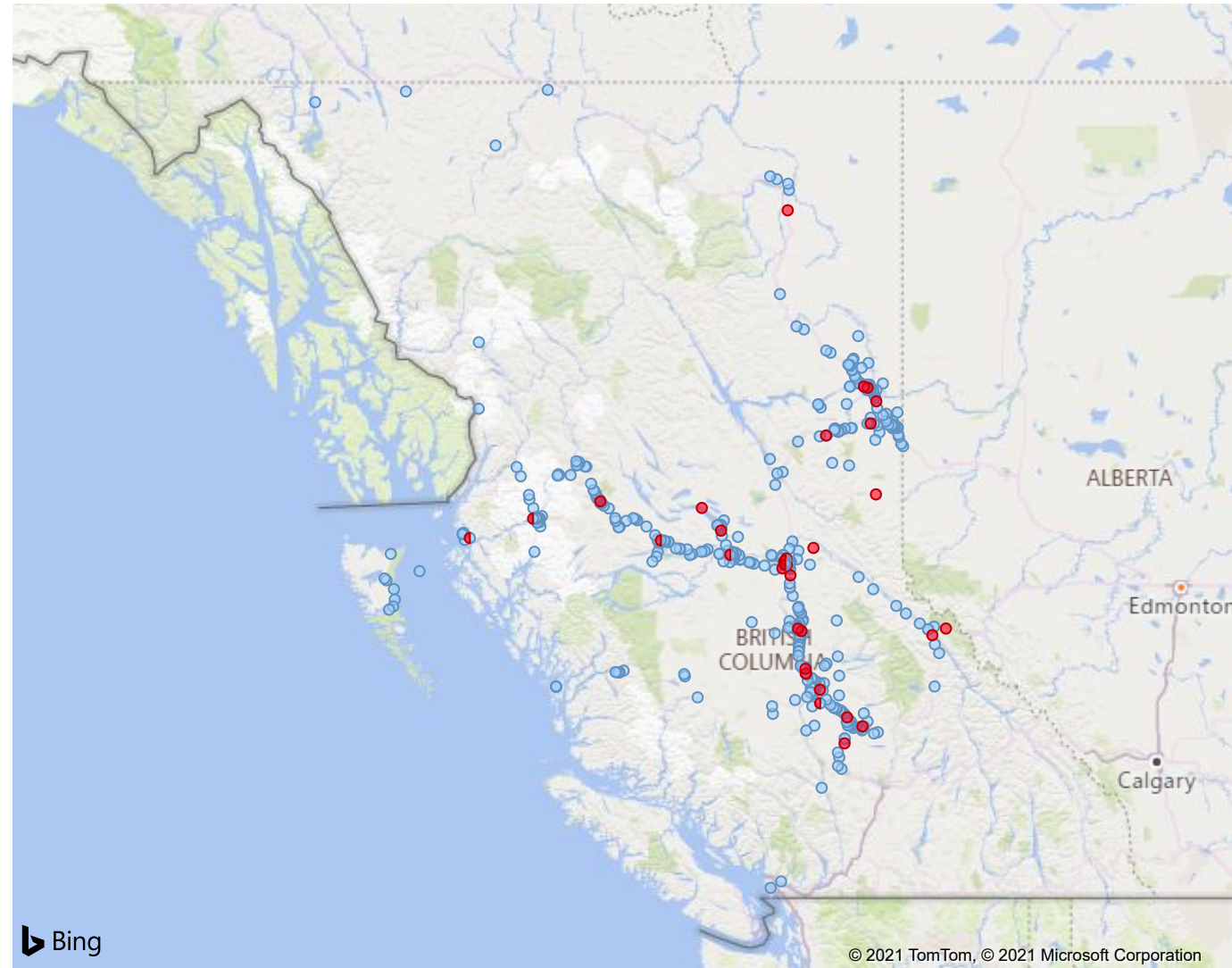
**Legend** ● Injury Crash ● Fatal Crash



## Geographical Analysis - North Central

Figure 18 (a): Police-Reported Motor Vehicle Crashes in North Central Region 2020

**Legend** ● Injury Crash ● Fatal Crash





## Geographical Analysis - North Central

Figure 18 (b): North Central Region - Fort St. John 2020

**Legend** ● Injury Crash ● Fatal Crash

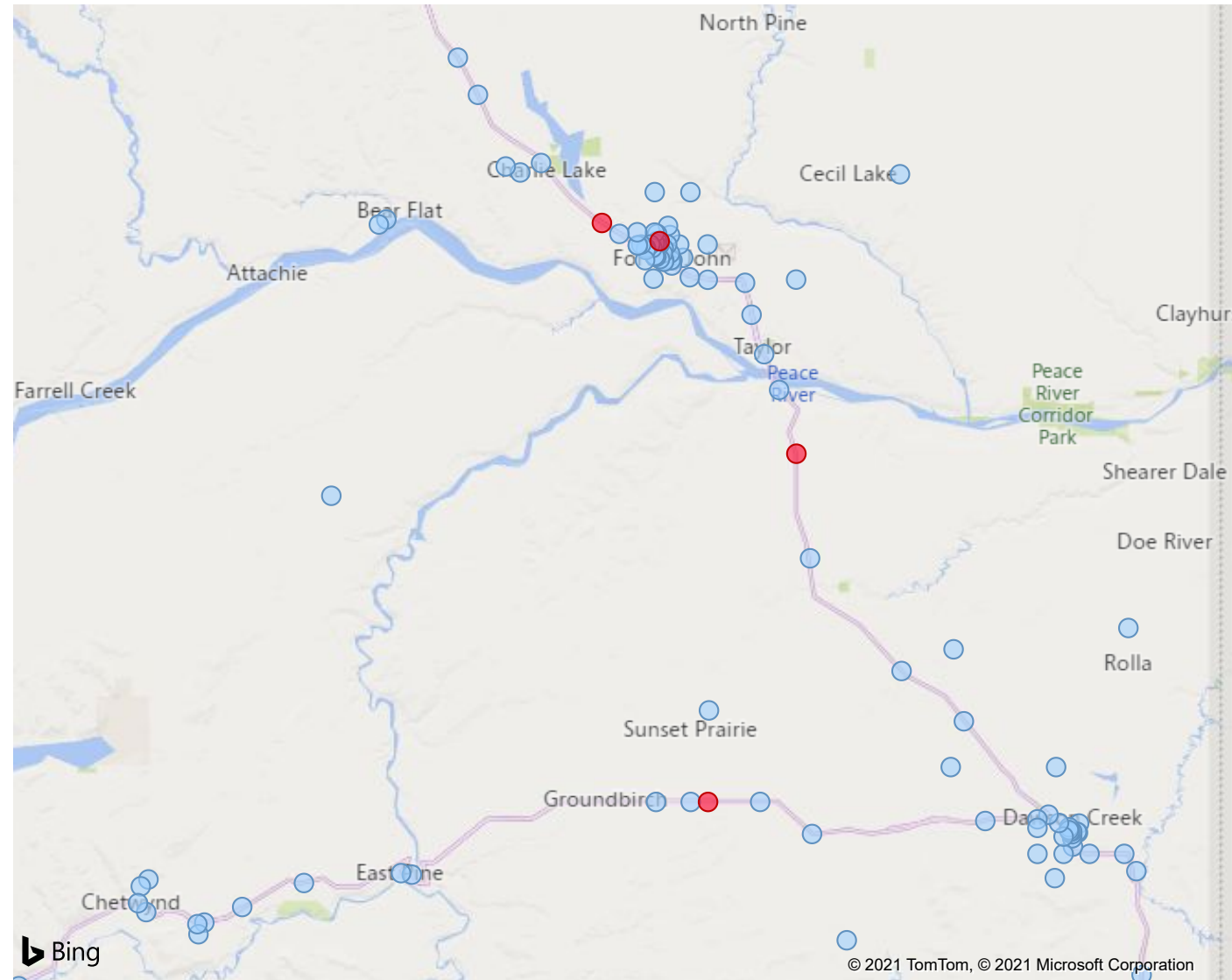


Figure 18 (c): North Central Region - Prince George 2020

**Legend** ● Injury Crash ● Fatal Crash

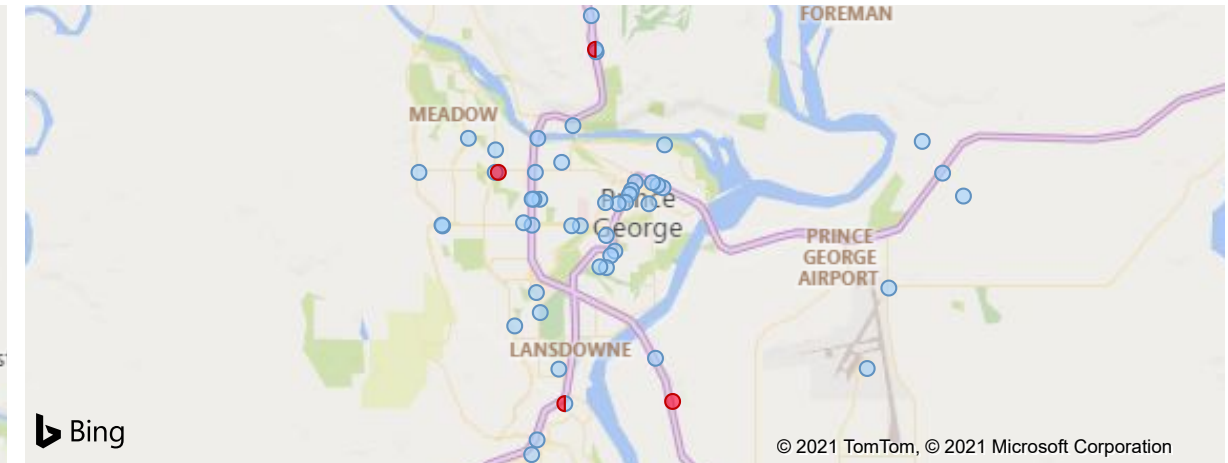


Figure 18 (d): North Central Region - Quesnel 2020

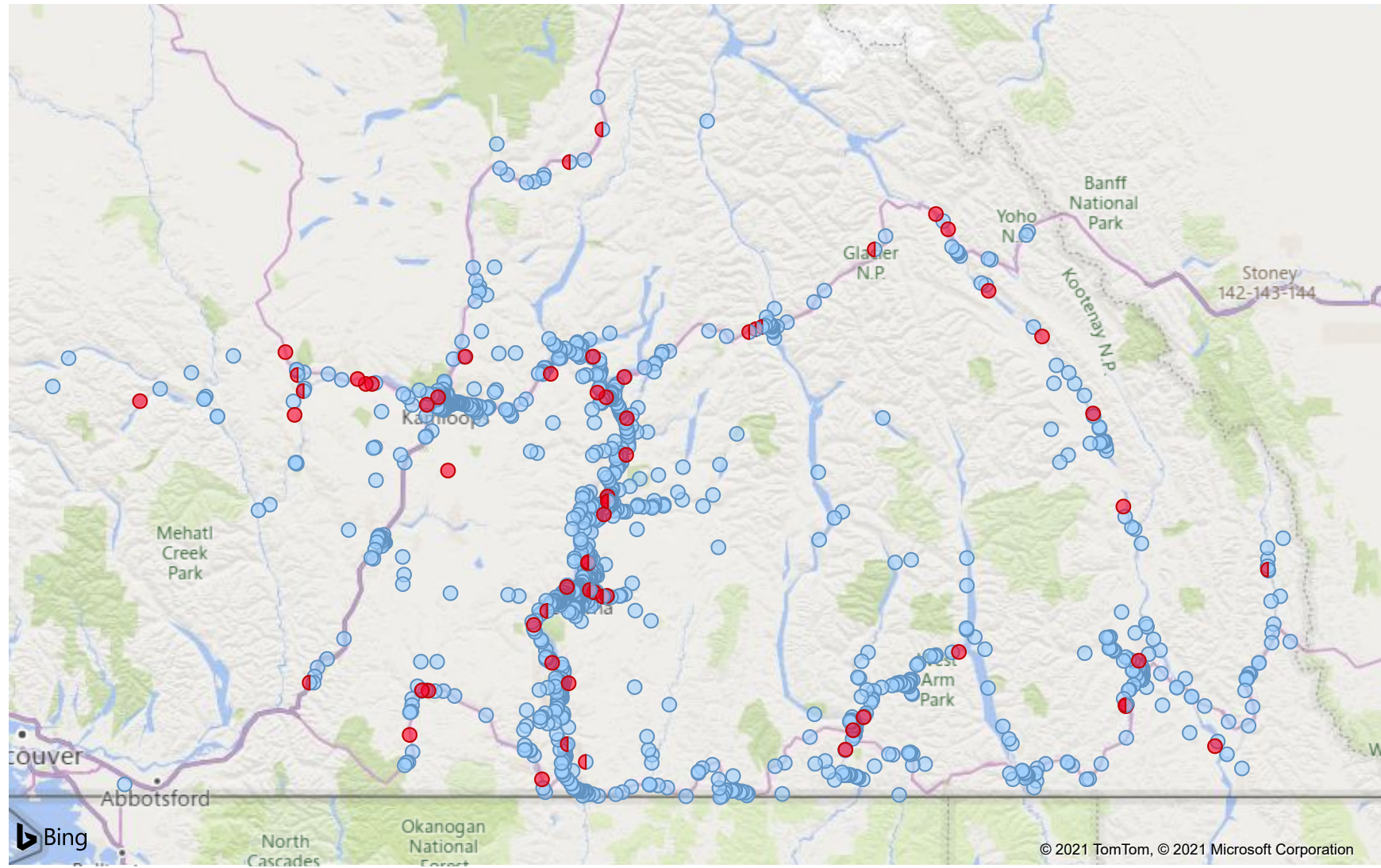
**Legend** ● Injury Crash ● Fatal Crash



## Geographical Analysis - Southern Interior

Figure 19 (a): Police-Reported Motor Vehicle Crashes in Southern Interior 2020

**Legend** ● Injury Crash ● Fatal Crash





# Geographical Analysis - Southern Interior

Figure 19 (b): Southern Interior - Kelowna to Kamloops 2020

**Legend** ● Injury Crash ● Fatal Crash

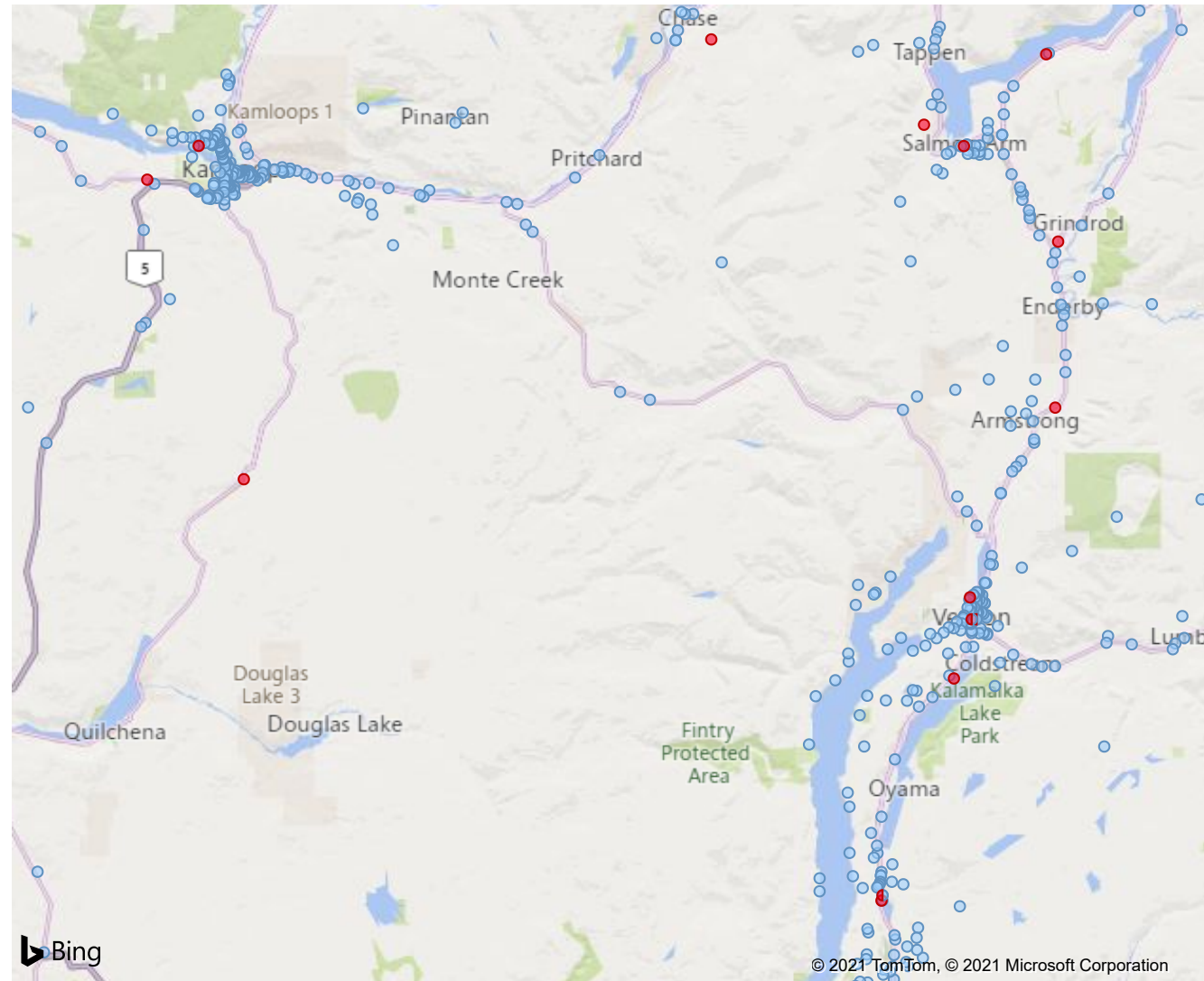


Figure 19 (c): Southern Interior - Kamloops 2020

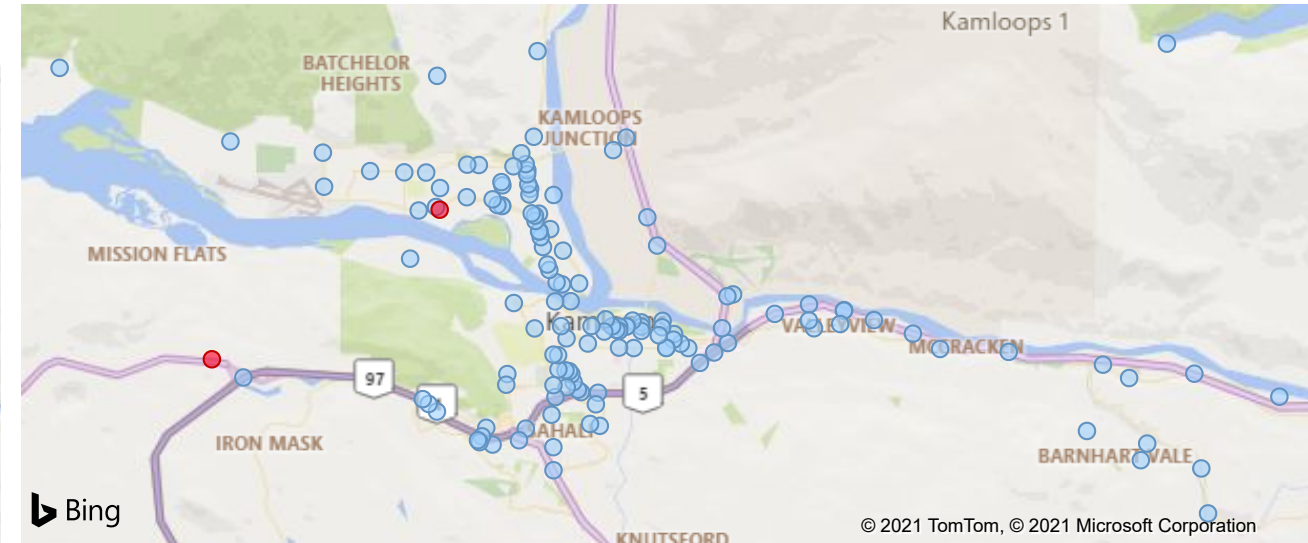
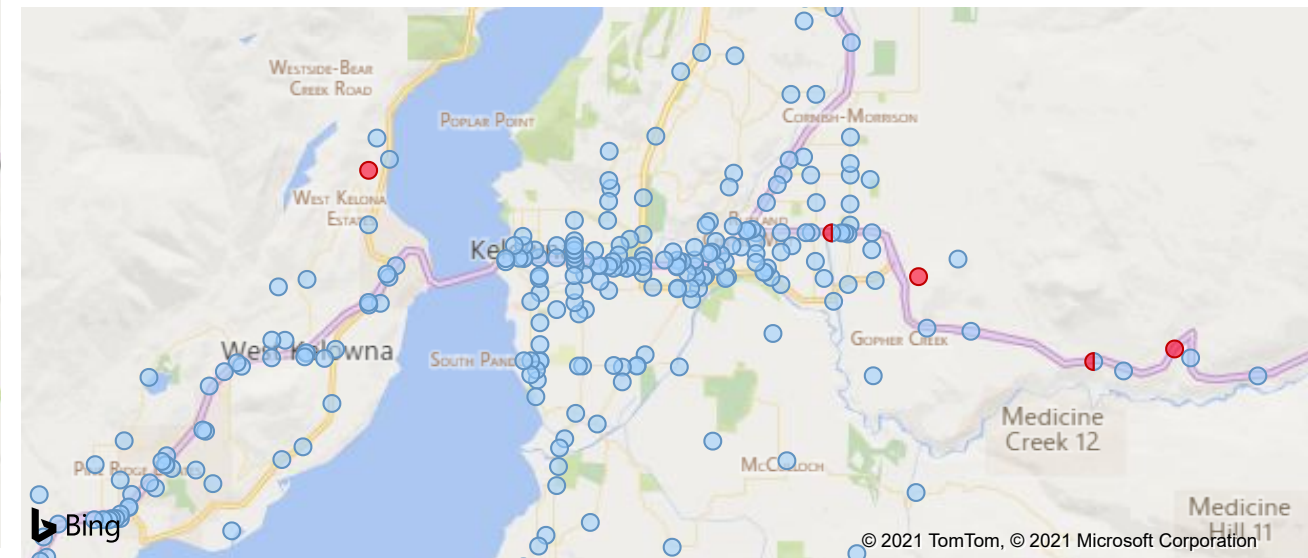


Figure 19 (d): Southern Interior - Kelowna 2020



# Geographical Analysis - Vancouver Island

Figure 20 (a): Police-Reported Motor Vehicle Crashes on Vancouver Island 2020

Legend ● Injury Crash ● Fatal Crash

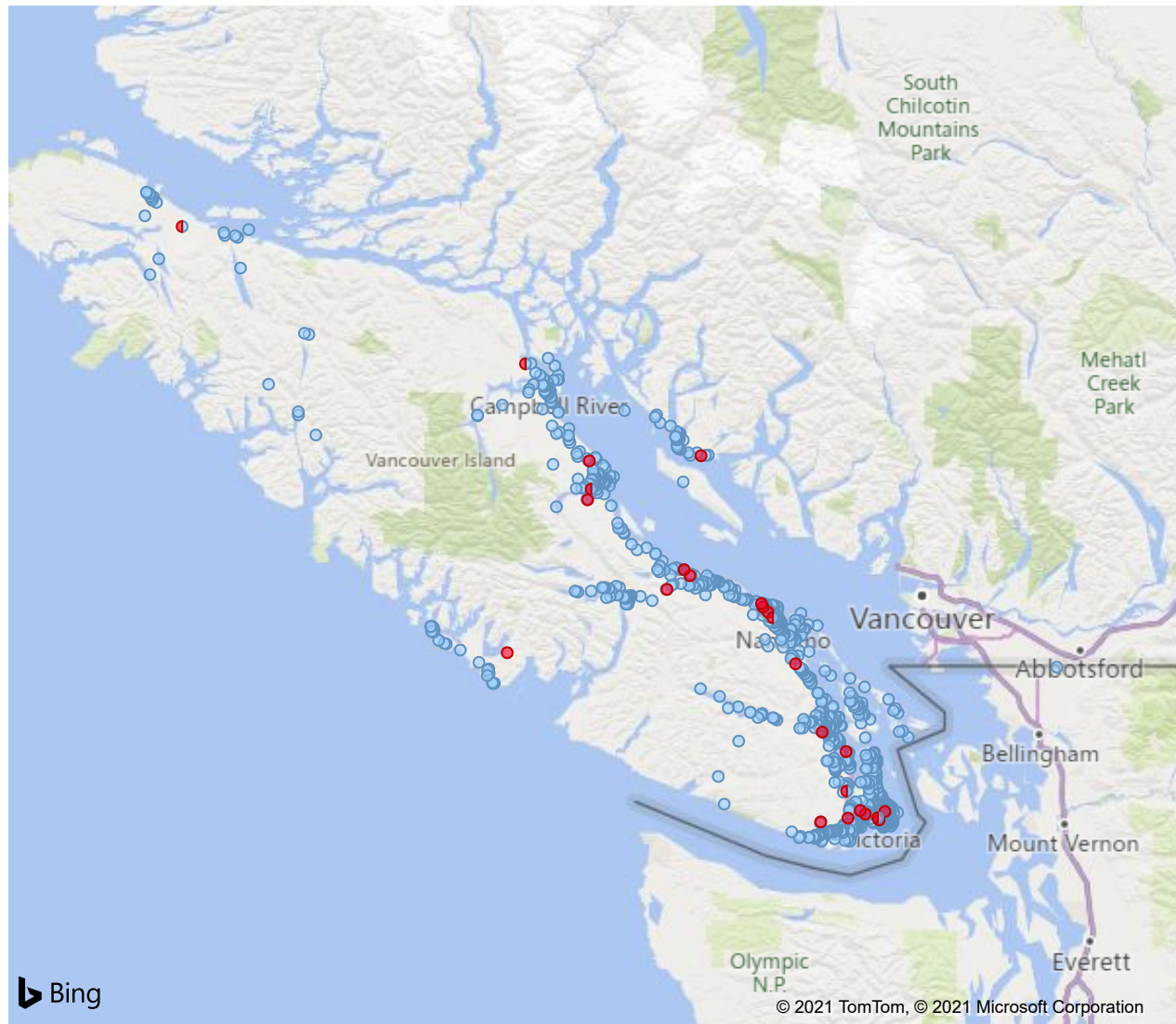
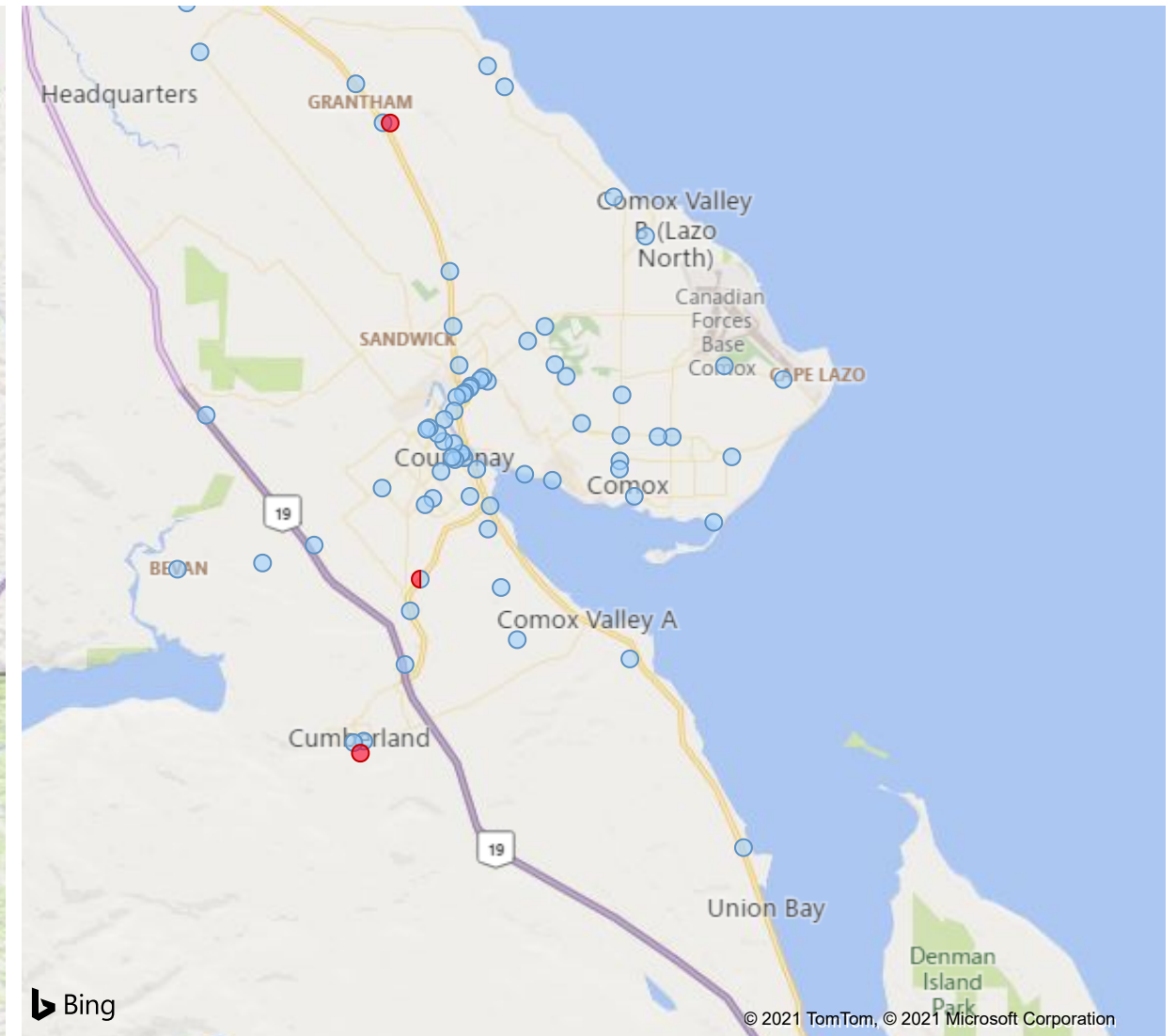


Figure 20 (b): Vancouver Island - Courtney 2020

Legend ● Injury Crash ● Fatal Crash





## Geographical Analysis - Vancouver Island

Figure 20 (c): Vancouver Island - Victoria to Nanaimo 2020

**Legend** ● Injury Crash ● Fatal Crash

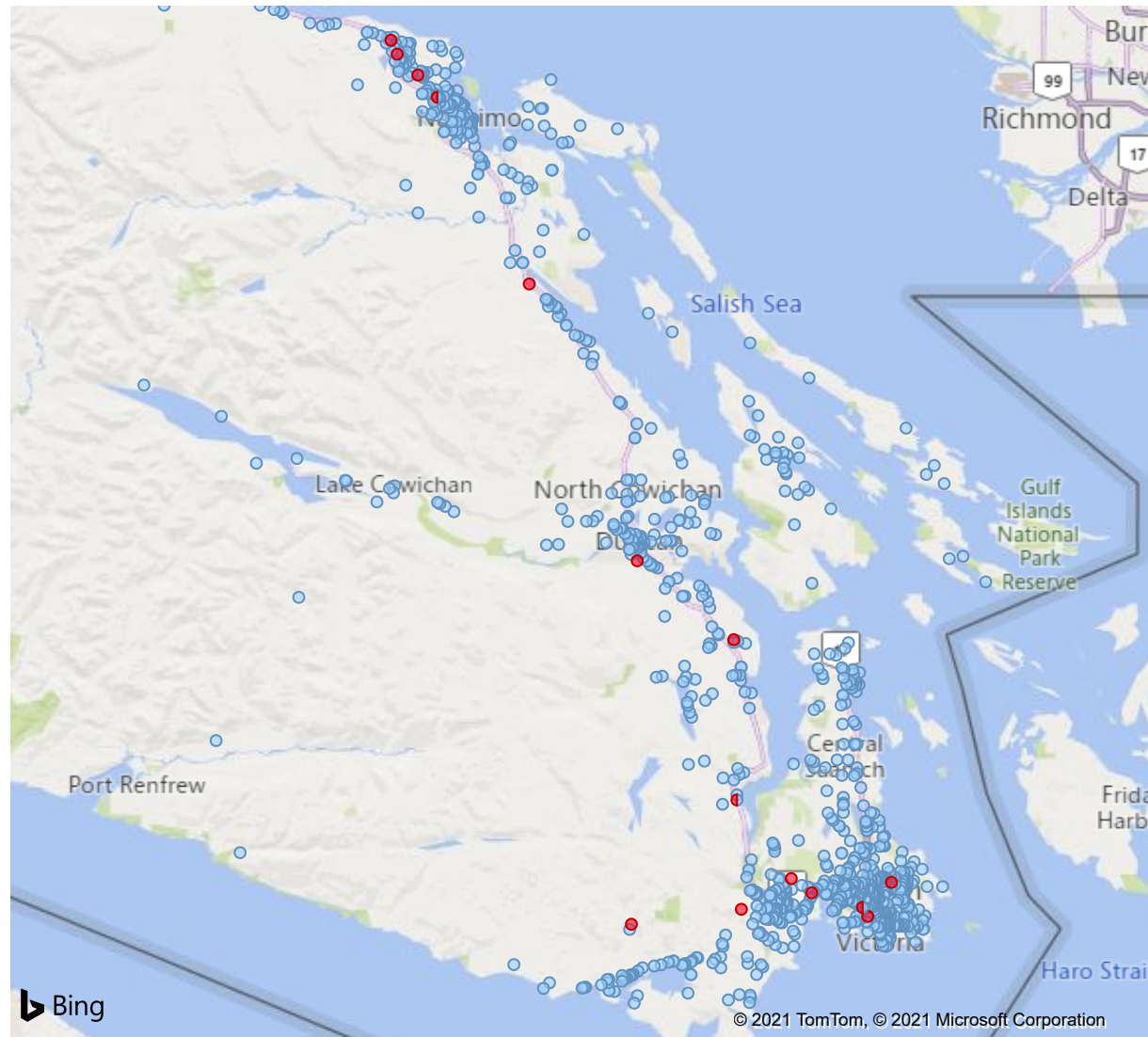
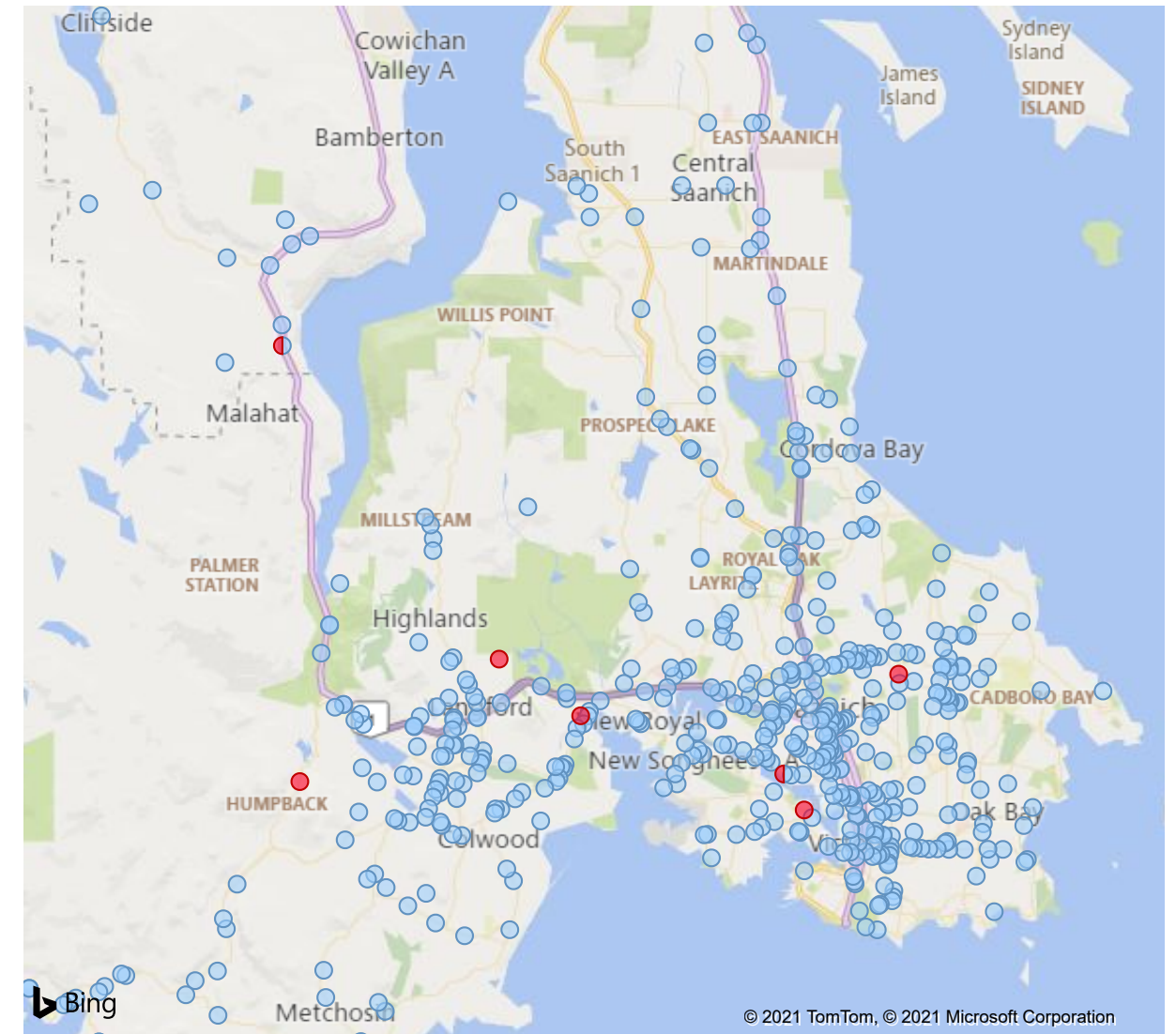


Figure 20 (d): Vancouver Island - Greater Victoria 2020

**Legend** ● Injury Crash ● Fatal Crash



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