Motor Vehicle Related Crashes, Injuries and Fatalities
10-year Statistics for British Columbia, 2010-2019

Research and Data Unit
Policy, Research and Data Branch
Website: www.gov.bc.ca/roadsafetybc
Twitter: http://twitter.com/RoadSafetyBC

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Ministry of Public Safety and Solicitor General
RoadSafetyBC

Business Intelligence Team
Road Safety Initiative

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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 2010-2019. The report is updated every year and is valuable in measuring the Province's progress in working 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 the Insurance Corporation ICBC's "loss event" database and some is from Transport Canada.

The 2019 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 2019. 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 2019 is expected to increase significantly and stats such as crash rates are only being reported up to 2018.

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 2010-2019, there were an average of 290,000 ICBC reported crashes per year. Police completed reports for approximately 13% of all motor vehicle crashes reported to ICBC from 2010-2018.

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 12, 2020.
- 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 37,683 police-reported crashes in 2017, 264 of which resulted in at least one fatality. This results in a crash fatality rate of 0.7% (264/37,683).

Crash Injury Rate: Refers to the proportion of all crashes where an injury occurred. For example, there were a total of 37,683 police-reported crashes in 2017, 15,307 of which resulted in at least one injury. This results in a crash injury rate of 40.6% (15,307/37,683).

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; mopet/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 * **
2010	364	21,093	76,000	35,313	260,000	14%
2011	292	19,720	79,000	34,501	260,000	13%
2012	281	20,256	82,000	35,628	260,000	14%
2013	269	20,789	85,000	34,415	265,000	13%
2014	289	21,209	83,000	34,999	280,000	12%
2015	295	22,507	83,000	36,959	300,000	12%
2016	288	22,104	91,000	38,279	325,000	12%
2017	285	21,194	94,000	37,683	335,000	11%
2018	295	19,776	95,000	35,446	315,000	11%
2019	252	16,045	92,000		295,000	

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) and fatal victims of off-road snowmobile crashes; and homicides or suicides were 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

Year	Police-Reported Fatalities*	Police-Reported Injuries*	Police-Reported Crashes**
2010	8.0	461.5	790.8
2011	6.4	426.3	766.3
2012	6.2	444.5	780.2
2013	5.9	445.6	743.3
2014	6.3	455.5	743.5
2015	6.3	478.9	773.8
2016	6.1	463.0	787.8
2017	5.7	437.4	765.3
2018	5.6	393.4	708.8
2019	5.0	316.4	

Per 100,000 Licensed Drivers

Year	Police-Reported Fatalities*	Police-Reported Injuries*	Police-Reported Crashes**
2010	11.6	665.7	1123.6
2011	9.2	615.0	1086.6
2012	8.8	629.1	1109.0
2013	8.3	627.5	1056.7
2014	8.9	644.7	1067.0
2015	8.8	669.5	1099.9
2016	8.5	644.1	1119.0
2017	7.9	605.3	1081.7
2018	8.0	555.7	1002.7
2019	7.0	446.3	

Figure 1: Fatalities per 100,000 Population

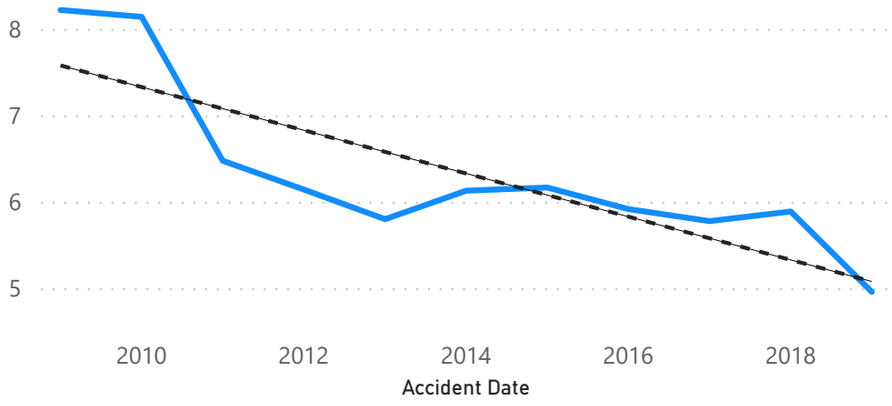


Table 3: Fatality and Injury Rate Comparison with National Average, and with Provincial and Global Leaders

Fatalities per 100,000 Population

Year	BC	Canada	Ontario	Sweden
2010	8.0	6.5	4.3	2.8
2011	6.4	5.8	3.5	3.4
2012	6.2	6.0	4.2	3.0
2013	5.9	5.5	3.5	2.7
2014	6.3	5.2	3.5	2.8
2015	6.3	5.2	3.6	2.6
2016	6.1	5.2	4.0	2.7
2017	5.7	5.0	4.1	2.5
2018	5.6	5.2	4.2	3.2
2019	5.0			2.1

Injuries per 100,000 Population

Year	BC	Canada	Ontario	Sweden
2010	461.5	500.0	477.3	247.5
2011	426.3	483.5	458.1	235.8
2012	444.5	475.3	442.3	238.9
2013	445.6	470.2	440.4	210.1
2014	455.5	421.7	347.4	179.8
2015	478.9	451.6	401.1	199.4
2016	463.0	442.1	396.2	186.7
2017	437.4	421.9	362.2	194.3
2018	393.4	412.4	356.9	180.8
2019	316.4			171.6

*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

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Aggressive Driving	56	50	40	45	30	43	51	49	34	33
Distracted Driving/Inattention	102	79	80	77	66	89	80	73	75	70
Driver Error/Confusion	100	60	46	56	54	63	56	58	71	54
Environmental	60	61	72	47	77	67	53	54	58	52
Impairment	127	75	57	64	65	72	67	72	64	58
Medical Issue	40	16	16	15	32	18	17	23	17	25
Road Issue	9	9	10	7	7	11	13	5	10	13
Speeding	113	98	100	77	81	89	92	73	77	74
Vehicle Issue	18	10	18	14	12	9	14	13	6	7
Wild Animal	7	4	2	3	2	2	2	6	4	3
Provincial Total	364	292	281	269	289	295	288	285	295	252

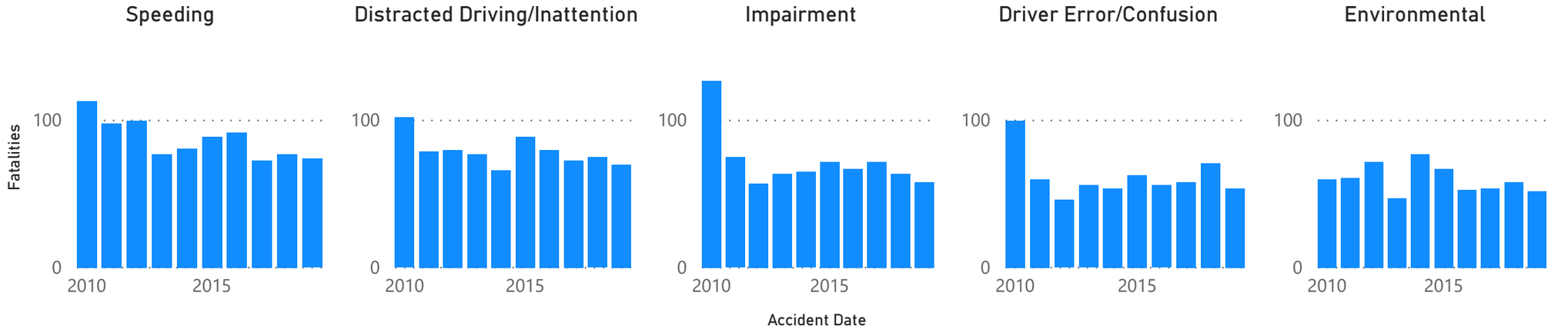
As noted in the Definitions section, fatality, injury and crash counts represent police-reported motor vehicle crashes only.

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

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Speeding Crashes	5,333	4,952	4,678	4,639	4,165	4,394	4,583	4,912	4,848	4,277
Speeding Crashes with Fatalities	119	92	81	80	67	70	85	83	71	76
Speeding Crash Fatality Rate	2.2%	1.9%	1.7%	1.7%	1.6%	1.6%	1.9%	1.7%	1.5%	1.8%
Distracted Driving/Inattention Crashes	12,804	14,039	13,640	14,023	13,716	13,780	14,599	14,247	13,406	12,476
Distracted Driving/Inattention Crashes with Fatalities	94	87	72	74	72	60	83	78	69	70
Distracted Driving/Inattention Crash Fatality Rate	0.7%	0.6%	0.5%	0.5%	0.5%	0.4%	0.6%	0.5%	0.5%	0.6%
Impairment Crashes	4,440	3,798	3,081	3,150	3,041	3,091	3,244	3,253	3,289	3,060
Impairment Crashes with Fatalities	97	110	71	55	58	56	65	60	64	62
Impairment Crash Fatality Rate	2.2%	2.9%	2.3%	1.7%	1.9%	1.8%	2.0%	1.8%	1.9%	2.0%
Driver Error/Confusion Crashes	8,022	7,801	7,216	7,037	6,540	6,723	7,042	7,127	7,065	6,987
Driver Error/Confusion Crashes with Fatalities	82	79	57	40	49	42	56	53	50	63
Driver Error/Confusion Crash Fatality Rate	1.0%	1.0%	0.8%	0.6%	0.7%	0.6%	0.8%	0.7%	0.7%	0.9%
Environmental Crashes	6,357	6,233	6,874	7,119	5,970	6,454	5,799	7,217	7,343	6,461
Environmental Crashes with Fatalities	58	53	52	57	42	68	64	49	51	55
Environmental Crash Fatality Rate	0.9%	0.9%	0.8%	0.8%	0.7%	1.1%	1.1%	0.7%	0.7%	0.9%
Provincial Crashes	34,491	35,313	34,501	35,628	34,415	34,999	36,959	38,279	37,683	35,446
Provincial Crashes with Fatalities	329	319	264	251	245	256	277	274	264	283
Provincial Crash Fatality Rate	1.0%	0.9%	0.8%	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.8%

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.

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

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Alcohol Impairment	111	68	49	52	59	61	52	64	56	49
Drug Impairment	35	16	16	23	13	17	24	25	14	18
Impairment Total	127	75	57	64	65	72	67	72	64	58

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.

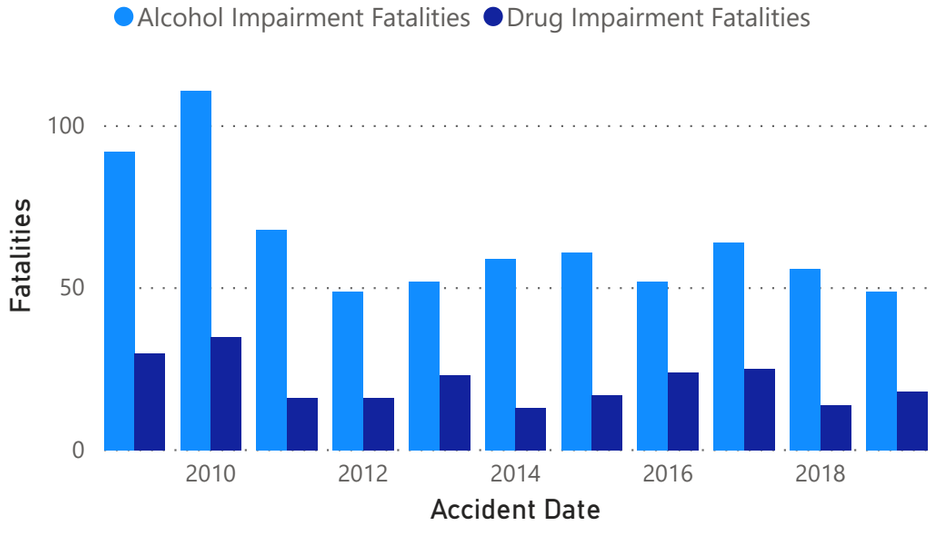
ICBC analysis of TAS 2014-2018 data found that roughly 10 fatalities per year are attributed to both alcohol and drug impairment.

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

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Alcohol Impairment Crashes	4,134	3,440	2,739	2,824	2,677	2,684	2,798	2,739	2,769	2,562
Alcohol Impairment Crashes with Fatalities	85	95	65	47	49	51	55	46	56	55
Alcohol Impairment Crash Fatality Rate	2.1%	2.8%	2.4%	1.7%	1.8%	1.9%	2.0%	1.7%	2.0%	2.1%
Drug Impairment Crashes	497	538	500	477	532	557	604	673	706	658
Drug Impairment Crashes with Fatalities	26	31	15	15	19	11	16	21	22	13
Drug Impairment Crash Fatality Rate	5.2%	5.8%	3.0%	3.1%	3.6%	2.0%	2.6%	3.1%	3.1%	2.0%

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.

Figure 3: Fatalities Contributed to Impairment by Type



Contributing Factors - Injuries

Table 8: Contributing Factors to Injuries

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Aggressive Driving	7,222	6,559	6,599	7,127	7,183	7,987	7,575	7,289	6,636	5,268
Distracted Driving/Inattention	9,027	8,607	8,686	9,101	9,116	9,744	9,052	8,347	7,672	6,241
Driver Error/Confusion	4,233	3,760	3,513	3,459	3,678	3,929	3,816	3,677	3,666	3,015
Environmental	3,991	4,040	4,098	3,699	4,017	3,735	4,401	4,209	3,910	2,857
Impairment	2,196	1,674	1,699	1,785	1,692	1,897	1,788	1,851	1,723	1,363
Medical Issue	1,007	824	957	987	1,132	1,121	1,100	1,100	1,120	969
Road Issue	670	596	636	611	618	756	682	651	746	583
Speeding	3,473	2,997	3,037	2,880	2,955	3,116	3,201	3,241	2,841	2,232
Vehicle Issue	539	585	598	568	582	583	610	537	533	394
Wild Animal	528	475	510	474	433	491	464	473	376	344
Provincial Total	21,093	19,720	20,256	20,789	21,209	22,507	22,104	21,194	19,776	16,045

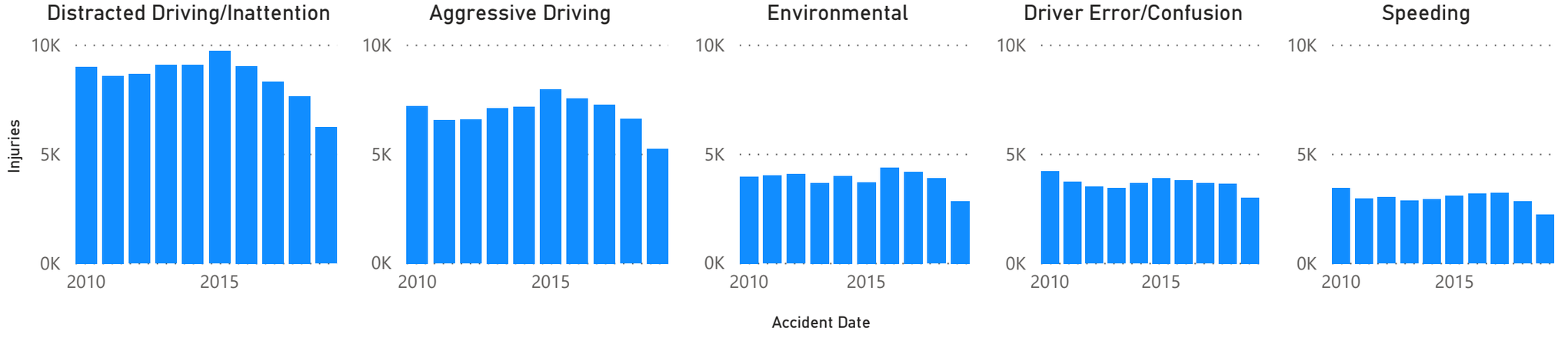
As noted in the Definitions section, fatality, injury and crash counts represent police-reported motor vehicle crashes only.

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

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Distracted Driving/Inattention Crashes	12,804	14,039	13,640	14,023	13,716	13,780	14,599	14,247	13,406	12,476
Distracted Driving/Inattention Crashes with Injuries	5,894	6,427	6,185	6,312	6,360	6,386	6,886	6,388	5,937	5,436
Distracted Driving/Inattention Crash Injury Rate	46.0%	45.8%	45.3%	45.0%	46.4%	46.3%	47.2%	44.8%	44.3%	43.6%
Aggressive Driving Crashes	8,567	9,475	8,534	8,887	8,912	9,085	9,911	9,892	9,554	9,153
Aggressive Driving Crashes with Injuries	4,502	4,968	4,532	4,612	4,821	4,957	5,410	5,212	4,939	4,546
Aggressive Driving Crash Injury Rates	52.6%	52.4%	53.1%	51.9%	54.1%	54.6%	54.6%	52.7%	51.7%	49.7%
Driver Error/Confusion Crashes	8,022	7,801	7,216	7,037	6,540	6,723	7,042	7,127	7,065	6,987
Driver Error/Confusion Crashes with Injuries	3,131	3,035	2,684	2,558	2,479	2,557	2,740	2,672	2,615	2,564
Driver Error/Confusion Crash Injury Rate	39.0%	38.9%	37.2%	36.4%	37.9%	38.0%	38.9%	37.5%	37.0%	36.7%
Environmental Crashes	6,357	6,233	6,874	7,119	5,970	6,454	5,799	7,217	7,343	6,461
Environmental Crashes with Injuries	2,830	2,859	2,959	3,037	2,681	2,966	2,736	3,174	3,059	2,772
Environmental Crash Fatality Rate	0.9%	0.9%	0.8%	0.8%	0.7%	1.1%	1.1%	0.7%	0.7%	0.9%
Speeding Crashes	5,333	4,952	4,678	4,639	4,165	4,394	4,583	4,912	4,848	4,277
Speeding Crashes with Injuries	2,417	2,354	2,081	2,133	1,910	2,036	2,125	2,178	2,172	1,908
Speeding Crash Injury Rate	45.3%	47.5%	44.5%	46.0%	45.9%	46.3%	46.4%	44.3%	44.8%	44.6%
Provincial Crashes	34,491	35,313	34,501	35,628	34,415	34,999	36,959	38,279	37,683	35,446
Provincial Crashes with Injuries	14,809	15,373	14,488	15,051	14,914	15,372	16,254	16,027	15,307	14,324
Provincial Crash Injury Rate	42.9%	43.5%	42.0%	42.2%	43.3%	43.9%	44.0%	41.9%	40.6%	40.4%

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

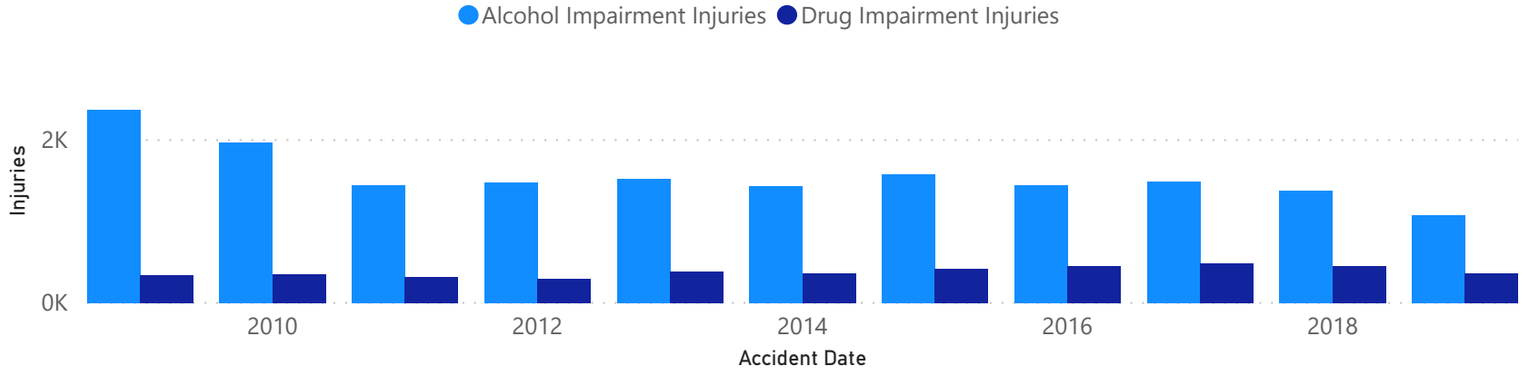
Table 10: Proportion of Police-Reported Crashes Involving Impairment Resulting in at Least One Injury

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Alcohol Impairment Crashes	4,134	3,440	2,739	2,824	2,677	2,684	2,798	2,739	2,769	2,562
Alcohol Impairment Crashes with Injuries	1,640	1,376	1,034	1,086	1,046	1,020	1,133	1,047	1,047	989
Alcohol Impairment Crash Injury Rate	39.7%	40.0%	37.8%	38.5%	39.1%	38.0%	40.5%	38.2%	37.8%	38.6%
Drug Impairment Crashes	497	538	500	477	532	557	604	673	706	658
Drug Impairment Crashes with Injuries	240	270	220	222	265	269	304	328	334	313
Drug Impairment Crash Injury Rate	48.3%	50.2%	44.0%	46.5%	49.8%	48.3%	50.3%	48.7%	47.3%	47.6%
Impairment Crashes	4,440	3,798	3,081	3,150	3,041	3,091	3,244	3,253	3,289	3,060
Impairment Crashes with Injuries	1,789	1,557	1,189	1,244	1,234	1,209	1,368	1,298	1,296	1,222
Impairment Crash Injury Rate	40.3%	41.0%	38.6%	39.5%	40.6%	39.1%	42.2%	39.9%	39.4%	39.9%

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



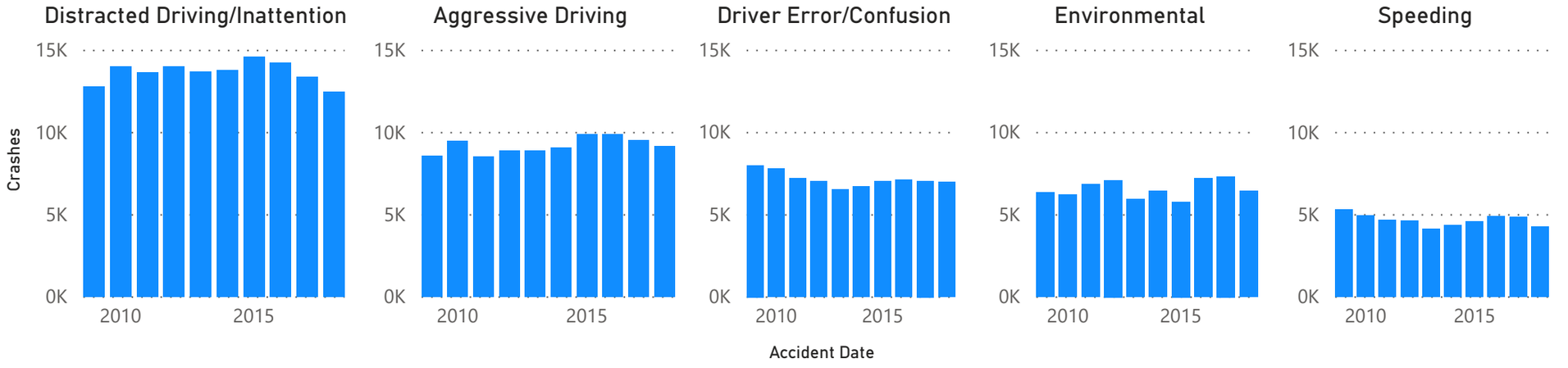
Contributing Factors - Crashes

Table 11: Contributing Factors to Police-Reported Crashes

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Aggressive Driving	8,567	9,475	8,534	8,887	8,912	9,085	9,911	9,892	9,554	9,153
Distracted Driving/Inattention	12,804	14,039	13,640	14,023	13,716	13,780	14,599	14,247	13,406	12,476
Driver Error/Confusion	8,022	7,801	7,216	7,037	6,540	6,723	7,042	7,127	7,065	6,987
Environmental	6,357	6,233	6,874	7,119	5,970	6,454	5,799	7,217	7,343	6,461
Impairment	4,440	3,798	3,081	3,150	3,041	3,091	3,244	3,253	3,289	3,060
Medical Issue	1,268	1,377	1,192	1,340	1,330	1,424	1,444	1,515	1,522	1,504
Road Issue	866	964	952	951	922	914	1,018	1,017	992	1,019
Speeding	5,333	4,952	4,678	4,639	4,165	4,394	4,583	4,912	4,848	4,277
Vehicle Issue	1,003	1,003	1,025	1,045	994	985	1,016	1,115	1,008	946
Wild Animal	1,148	1,265	1,264	1,397	1,312	1,135	1,276	1,317	1,216	1,156
Provincial Total	34,491	35,313	34,501	35,628	34,415	34,999	36,959	38,279	37,683	35,446

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

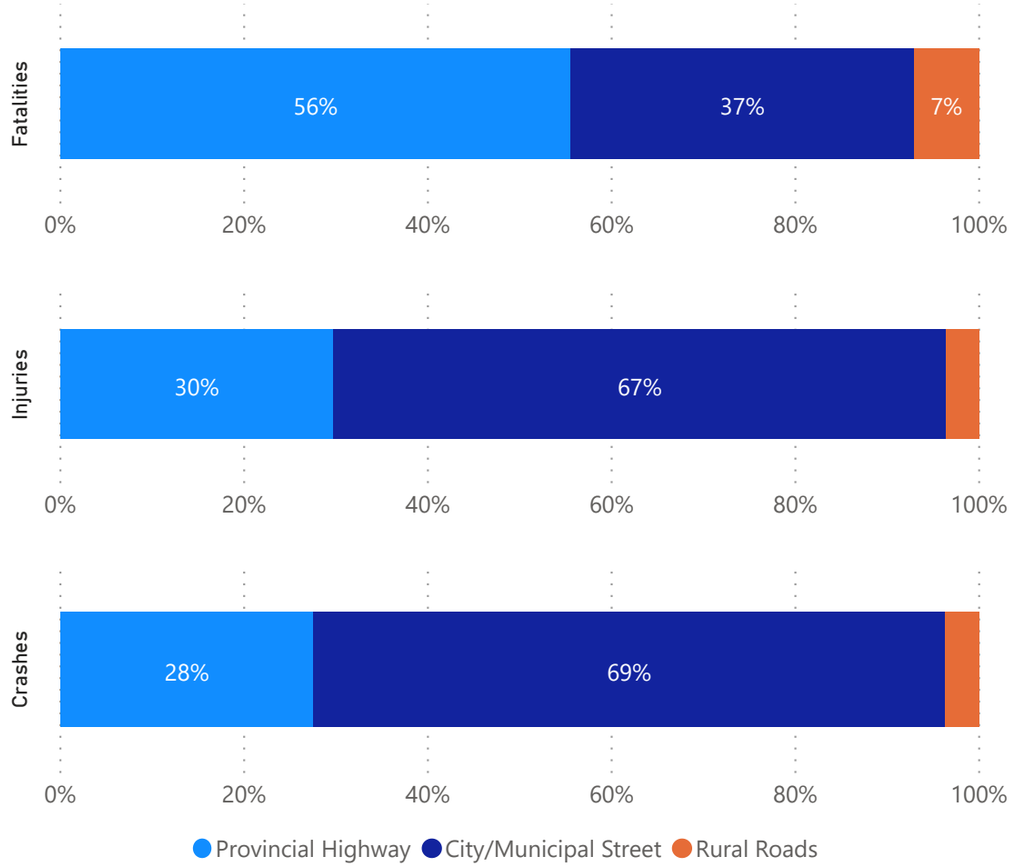
Table 12: Fatalities, Injuries and Crashes by Road Type

Road Type	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Provincial Highway										
Fatalities	222	164	146	139	154	162	149	174	166	141
Injuries	6,279	5,970	6,013	5,621	5,686	6,482	6,471	7,225	6,124	4,973
Crashes	9,308	9,266	9,374	8,809	9,250	10,154	11,102	11,644	10,137	
City/Municipal Street										
Fatalities	111	103	110	116	111	115	126	88	108	99
Injuries	13,737	12,795	13,271	14,363	14,978	15,490	14,969	13,278	12,984	10,628
Crashes	24,297	23,600	24,469	24,411	24,775	25,724	25,974	24,780	24,107	
Rural Roads										
Fatalities	31	25	25	14	24	18	13	23	21	12
Injuries	1,077	955	972	805	545	535	664	691	668	444
Crashes	1,708	1,635	1,785	1,195	974	1,081	1,203	1,259	1,202	
Fatalities	**364**	**292**	**281**	**269**	**289**	**295**	**288**	**285**	**295**	**252**
Injuries	**21,093**	**19,720**	**20,256**	**20,789**	**21,209**	**22,507**	**22,104**	**21,194**	**19,776**	**16,045**
Crashes	**35,313**	**34,501**	**35,628**	**34,415**	**34,999**	**36,959**	**38,279**	**37,683**	**35,446**	

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	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Provincial Highway										
Crashes with Fatalities	178	185	140	123	125	129	145	141	155	157
Crash Fatality Rate	1.7%	2.0%	1.5%	1.3%	1.4%	1.4%	1.4%	1.3%	1.3%	1.5%
City/Municipal Street										
Crashes with Fatalities	124	104	100	105	106	105	115	120	87	105
Crash Fatality Rate	0.6%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.5%	0.4%	0.4%
Rural Roads										
Crashes with Fatalities	27	30	24	23	14	22	17	13	22	21
Crash Fatality Rate	1.4%	1.8%	1.5%	1.3%	1.2%	2.3%	1.6%	1.1%	1.7%	1.7%
Crashes with Fatalities	**329**	**319**	**264**	**251**	**245**	**256**	**277**	**274**	**264**	**283**
Crash Fatality Rate	**1.0%**	**0.9%**	**0.8%**	**0.7%**	**0.7%**	**0.7%**	**0.7%**	**0.7%**	**0.7%**	**0.8%**

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

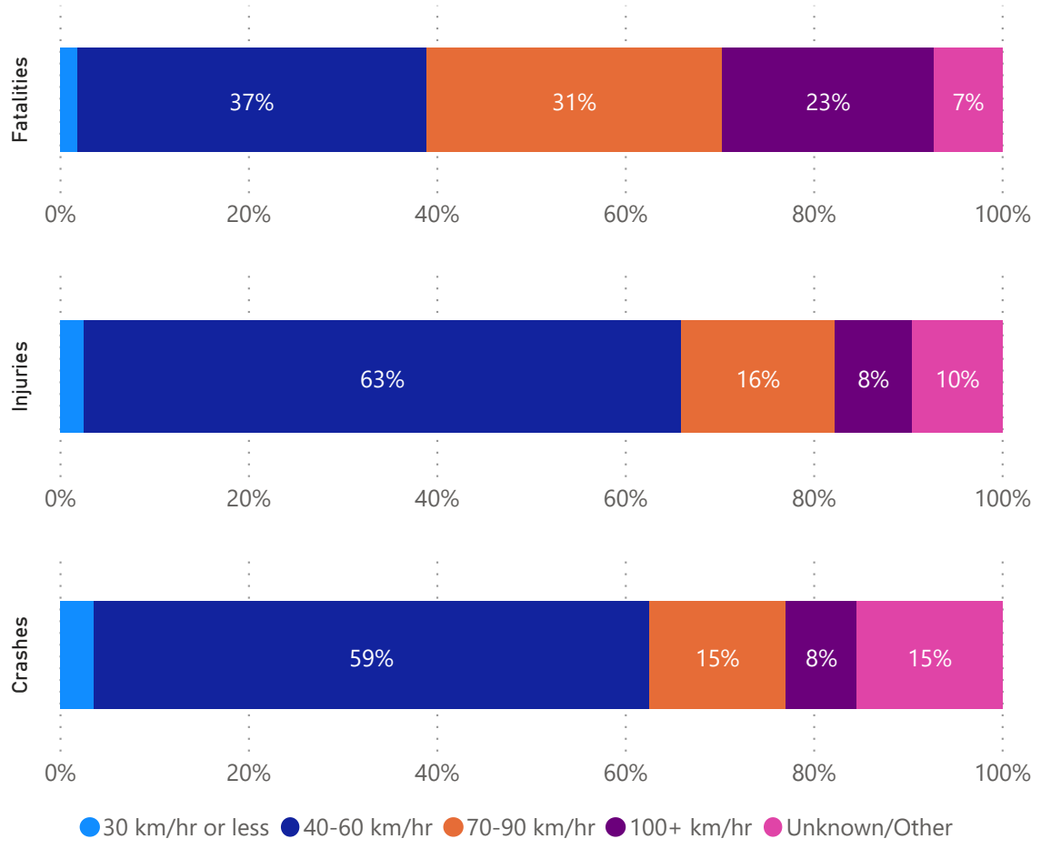
Road Type	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Provincial Highway										
Crashes with Injuries	4,548	4,402	4,140	4,236	3,841	3,898	4,382	4,480	4,964	4,214
Crash Injury Rate	44.0%	47.3%	44.7%	45.2%	43.6%	42.1%	43.2%	40.4%	42.6%	41.6%
City/Municipal Street										
Crashes with Injuries	9,433	10,194	9,643	10,103	10,477	11,087	11,477	11,044	9,834	9,615
Crash Injury Rate	42.3%	42.0%	40.9%	41.3%	42.9%	44.8%	44.6%	42.5%	39.7%	39.9%
Rural Roads										
Crashes with Injuries	828	777	705	712	596	387	395	503	509	495
Crash Injury Rate	44.4%	45.5%	43.1%	39.9%	49.9%	39.7%	36.5%	41.8%	40.4%	41.2%
Crashes with Injuries	**14,809**	**15,373**	**14,488**	**15,051**	**14,914**	**15,372**	**16,254**	**16,027**	**15,307**	**14,324**
Crash Injury Rate	**42.9%**	**43.5%**	**42.0%**	**42.2%**	**43.3%**	**43.9%**	**44.0%**	**41.9%**	**40.6%**	**40.4%**

Characteristics - Speed Limit

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

Speed Limit	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
30 km/hr or less										
Fatalities	3	5	11	6	2	4	4	6	3	7
Injuries	505	414	519	481	435	547	527	539	561	458
Crashes	1,191	1,197	1,330	1,037	1,087	1,272	1,479	1,479	1,502	
40-60 km/hr										
Fatalities	118	105	116	112	95	107	126	93	106	102
Injuries	13,739	12,531	12,881	13,451	13,551	14,566	14,183	12,897	12,415	9,751
Crashes	21,620	20,549	21,041	20,463	20,560	21,805	22,545	21,363	20,374	
70-90 km/hr										
Fatalities	152	86	82	86	95	81	88	95	86	62
Injuries	3,569	3,381	3,342	3,396	3,451	3,521	3,450	3,561	2,929	2,654
Crashes	5,369	5,102	5,220	5,177	5,115	5,185	5,414	5,562	4,916	
100+ km/hr										
Fatalities	62	65	50	48	70	83	57	72	80	68
Injuries	1,478	1,565	1,569	1,569	1,742	1,883	1,839	2,080	1,790	1,385
Crashes	2,231	2,545	2,570	2,372	2,659	2,934	3,049	3,254	2,717	
Unknown/Other										
Fatalities	29	31	22	17	27	20	13	19	20	13
Injuries	1,802	1,829	1,945	1,892	2,030	1,990	2,105	2,117	2,081	1,797
Crashes	4,902	5,108	5,467	5,366	5,578	5,763	5,792	6,025	5,937	
Fatalities	**364**	**292**	**281**	**269**	**289**	**295**	**288**	**285**	**295**	**252**
Injuries	**21,093**	**19,720**	**20,256**	**20,789**	**21,209**	**22,507**	**22,104**	**21,194**	**19,776**	**16,045**
Crashes	**35,313**	**34,501**	**35,628**	**34,415**	**34,999**	**36,959**	**38,279**	**37,683**	**35,446**	

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	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
30 km/hr or less										
Crashes with Fatalities	3	3	5	10	6	2	4	4	5	3
Crash Fatality Rate	0.2%	0.3%	0.4%	0.8%	0.6%	0.2%	0.3%	0.3%	0.3%	0.2%
40-60 km/hr										
Crashes with Fatalities	150	112	102	110	107	91	104	120	91	105
Crash Fatality Rate	0.7%	0.5%	0.5%	0.5%	0.5%	0.4%	0.5%	0.5%	0.4%	0.5%
70-90 km/hr										
Crashes with Fatalities	100	123	79	72	71	82	78	85	86	82
Crash Fatality Rate	1.8%	2.3%	1.5%	1.4%	1.4%	1.6%	1.5%	1.6%	1.5%	1.7%
100+ km/hr										
Crashes with Fatalities	60	53	53	38	44	55	72	52	63	73
Crash Fatality Rate	2.7%	2.4%	2.1%	1.5%	1.9%	2.1%	2.5%	1.7%	1.9%	2.7%

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	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
30 km/hr or less										
Crashes with Injuries	385	421	355	425	397	357	444	447	454	457
Crash Injury Rate	30.5%	35.3%	29.7%	32.0%	38.3%	32.8%	34.9%	30.2%	30.7%	30.4%
40-60 km/hr										
Crashes with Injuries	9,414	10,075	9,356	9,669	9,721	9,950	10,599	10,394	9,470	9,074
Crash Injury Rate	46.6%	46.6%	45.5%	46.0%	47.5%	48.4%	48.6%	46.1%	44.3%	44.5%
70-90 km/hr										
Crashes with Injuries	2,449	2,463	2,287	2,337	2,280	2,334	2,369	2,353	2,400	2,035
Crash Injury Rate	45.3%	45.9%	44.8%	44.8%	44.0%	45.6%	45.7%	43.5%	43.1%	41.4%
100+ km/hr										
Crashes with Injuries	1,009	1,023	1,064	1,083	1,043	1,159	1,280	1,243	1,403	1,156
Crash Injury Rate	44.9%	45.9%	41.8%	42.1%	44.0%	43.6%	43.6%	40.8%	43.1%	42.5%

Characteristics - Intersections

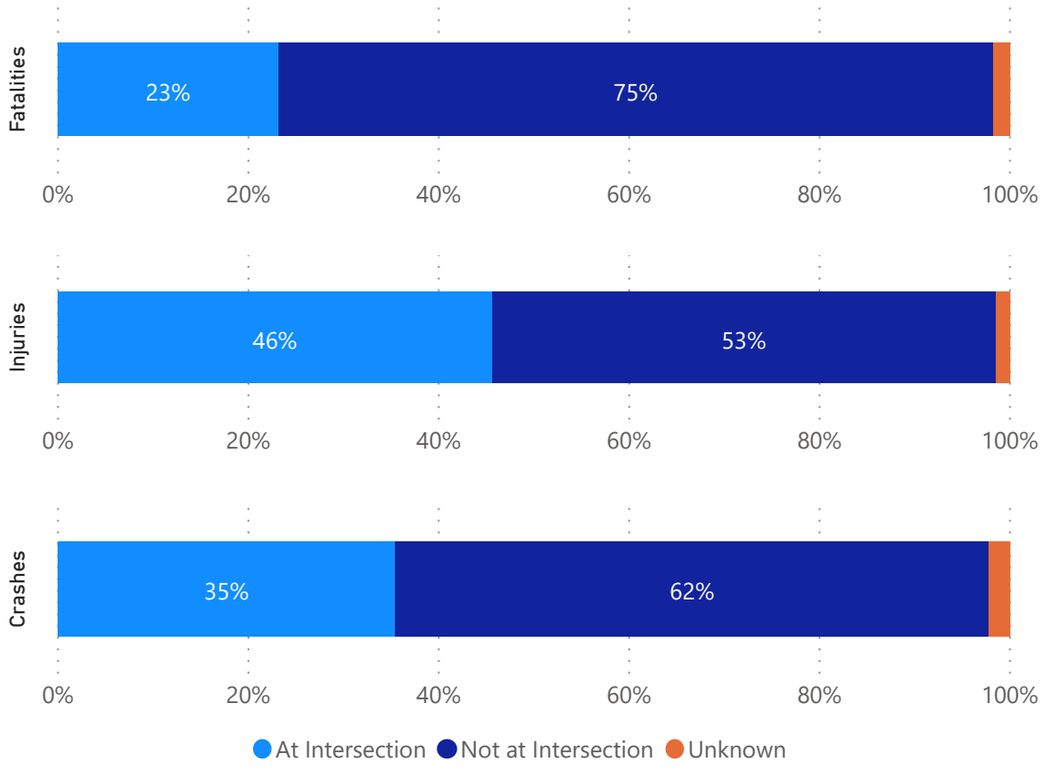
Table 18: Fatalities, Injuries and Crashes at Intersections

Accident Location	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
At Intersection										
Fatalities	62	66	77	79	49	73	85	59	71	53
Injuries	9,707	9,105	9,000	9,692	9,683	10,249	10,150	9,486	9,049	7,226
Crashes	12,985	12,368	12,617	12,327	12,537	13,000	13,336	12,967	12,372	
Not at Intersection										
Fatalities	296	216	192	185	238	215	203	223	220	196
Injuries	11,085	10,312	10,895	10,784	11,268	11,970	11,657	11,394	10,416	8,523
Crashes	21,620	21,215	22,138	21,363	21,837	23,175	24,166	23,864	22,224	
Unknown										
Fatalities	6	10	12	5	2	7	0	3	4	3
Injuries	301	303	361	313	258	288	297	314	311	296
Crashes	708	918	873	725	625	784	777	852	850	
Fatalities	**364**	**292**	**281**	**269**	**289**	**295**	**288**	**285**	**295**	**252**
Injuries	**21,093**	**19,720**	**20,256**	**20,789**	**21,209**	**22,507**	**22,104**	**21,194**	**19,776**	**16,045**
Crashes	**35,313**	**34,501**	**35,628**	**34,415**	**34,999**	**36,959**	**38,279**	**37,683**	**35,446**	

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: Propotion of Police-Reported Crashes Resulting in Fatalities at Intersections

Accident Location	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
At Intersection										
Crashes with Fatalities	76	60	63	72	70	47	73	82	58	66
Crash Fatality Rate	0.7%	0.5%	0.5%	0.6%	0.6%	0.4%	0.6%	0.6%	0.4%	0.5%
Not at Intersection										
Crashes with Fatalities	250	253	194	170	170	207	198	192	204	213
Crash Fatality Rate	1.1%	1.2%	0.9%	0.8%	0.8%	0.9%	0.9%	0.8%	0.9%	1.0%
Unknown										
Crashes with Fatalities	3	6	7	9	5	2	6		2	4
Crash Fatality Rate	0.4%	0.8%	0.8%	1.0%	0.7%	0.3%	0.8%		0.2%	0.5%

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: Propotion of Police-Reported Crashes Resulting in Injuries at Intersections

Accident Location	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
At Intersection										
Crashes with Injuries	6,255	6,852	6,533	6,568	6,721	6,854	7,194	7,139	6,647	6,367
Crash Injury Rate	54.0%	52.8%	52.8%	52.1%	54.5%	54.7%	55.3%	53.5%	51.3%	51.5%
Not at Intersection										
Crashes with Injuries	8,278	8,306	7,741	8,206	7,956	8,329	8,848	8,660	8,438	7,721
Crash Injury Rate	37.5%	38.4%	36.5%	37.1%	37.2%	38.1%	38.2%	35.8%	35.4%	34.7%
Unknown										
Crashes with Injuries	276	215	214	277	237	189	212	228	222	236
Crash Injury Rate	33.5%	30.4%	23.3%	31.7%	32.7%	30.2%	27.0%	29.3%	26.1%	27.8%

Characteristics - Vehicle Type Involved

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

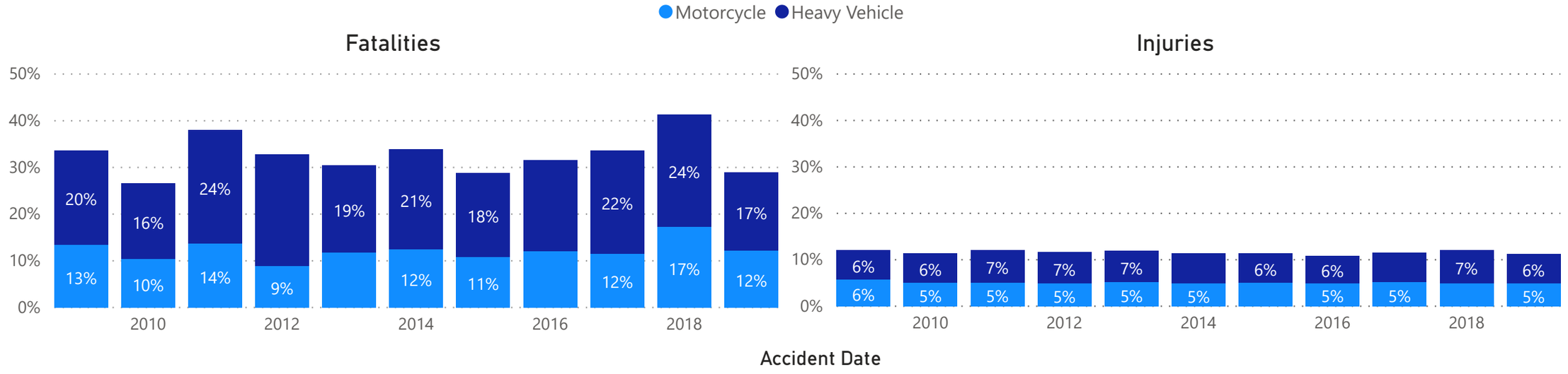
Vehicle Type	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Heavy Vehicle											
Fatalities	73	59	71	67	50	62	53	56	63	71	42
Injuries	1,285	1,331	1,389	1,347	1,398	1,361	1,428	1,287	1,331	1,397	1,017
Crashes	2,546	2,554	2,970	2,880	2,784	2,839	2,810	2,811	3,016	2,913	
Motorcycle											
Fatalities	49	38	40	25	32	36	32	35	33	51	31
Injuries	1,178	1,068	1,006	1,006	1,071	1,039	1,136	1,111	1,104	995	787
Crashes	1,188	1,111	1,020	1,073	1,062	1,069	1,164	1,168	1,118	1,026	

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**: Fatality numbers for motorcycles will be slightly higher than those reported in previous years. To match the methodology used for all other motor vehicle crash characteristics, including those for heavy vehicles, motorcycle fatalities have been calculated as the number of fatalities resulting from a crash where a motorcycle was involved. In previous years, the total fatalities specific to motorcycle drivers or passengers was reported. This change does not affect reported fatalities for heavy vehicles.*

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	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Heavy Vehicle										
Crashes with Fatalities	62	52	57	53	47	48	50	54	60	65
Crash Fatality Rate	2.4%	2.0%	1.9%	1.8%	1.7%	1.7%	1.8%	1.9%	2.0%	2.2%
Motorcycle										
Crashes with Fatalities	49	35	38	23	30	35	32	35	32	51
Crash Fatality Rate	4.1%	3.2%	3.7%	2.1%	2.8%	3.3%	2.7%	3.0%	2.9%	5.0%
Other										
Crashes with Fatalities	302	286	230	234	224	232	250	251	238	248
Crash Fatality Rate	0.9%	0.8%	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%

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	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Heavy Vehicle										
Crashes with Injuries	939	944	992	991	1,006	1,020	976	931	958	951
Crash Injury Rate	36.9%	37.0%	33.4%	34.4%	36.1%	35.9%	34.7%	33.1%	31.8%	32.6%
Motorcycle										
Crashes with Injuries	1,017	958	873	902	918	922	1,000	989	959	860
Crash Injury Rate	85.6%	86.2%	85.6%	84.1%	86.4%	86.2%	85.9%	84.7%	85.8%	83.8%
Other										
Crashes with Injuries	14,122	14,730	13,847	14,407	14,236	14,704	15,580	15,406	14,692	13,684
Crash Injury Rate	42.5%	43.3%	41.9%	42.1%	43.1%	43.8%	43.8%	41.7%	40.5%	40.3%

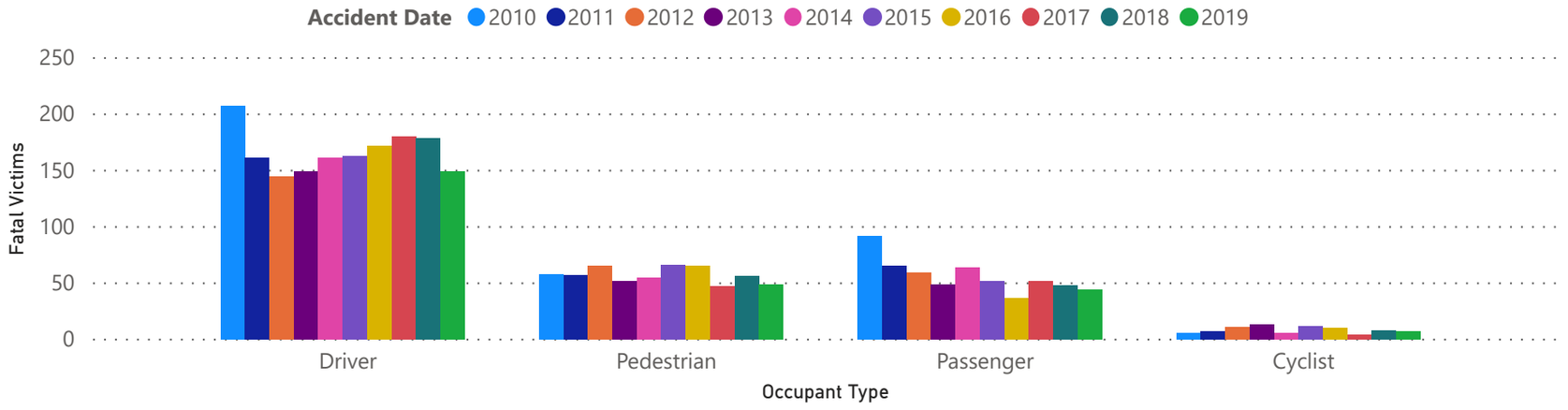
Characteristics - Occupant Position

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

Occupant Type	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Driver	**207**	**161**	**145**	**149**	**161**	**163**	**172**	**180**	**179**	**149**
Other Vehicle	162	114	115	115	115	122	131	137	119	113
Motorcycle	32	36	23	25	35	30	34	29	48	29
Heavy Vehicle	13	11	7	9	11	11	7	14	12	7
Pedestrian	**58**	**57**	**65**	**52**	**55**	**66**	**65**	**47**	**56**	**49**
Passenger	**92**	**65**	**59**	**49**	**64**	**52**	**37**	**52**	**48**	**44**
Other Vehicle	86	61	56	45	59	50	36	50	45	43
Motorcycle	4	2	1	3	1	2	1	1		1
Heavy Vehicle	2	2	2	1	4			1	3	
Cyclist	**6**	**7**	**11**	**13**	**6**	**12**	**10**	**4**	**8**	**7**
Other	**1**	**2**	**1**	**6**	**3**	**2**	**4**	**2**	**4**	**3**
Provincial Total	**364**	**292**	**281**	**269**	**289**	**295**	**288**	**285**	**295**	**252**

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

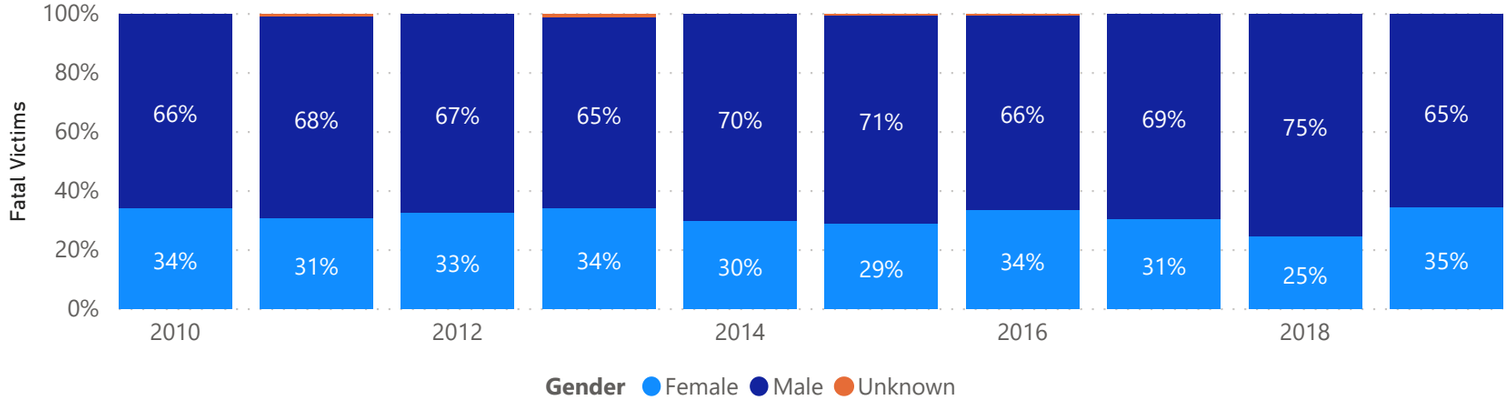


Population Demographics of Victims - Gender

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
2010	2,219,479	239	65.7%	10.8	2,246,067	125	34.3%	5.6		
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	2,436,697	198	69.5%	8.1	2,487,536	87	30.5%	3.5		
2018	2,475,368	222	75.3%	9.0	2,525,802	73	24.7%	2.9		
2019	2,510,789	165	65.5%	6.6	2,560,547	87	34.5%	3.4		

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

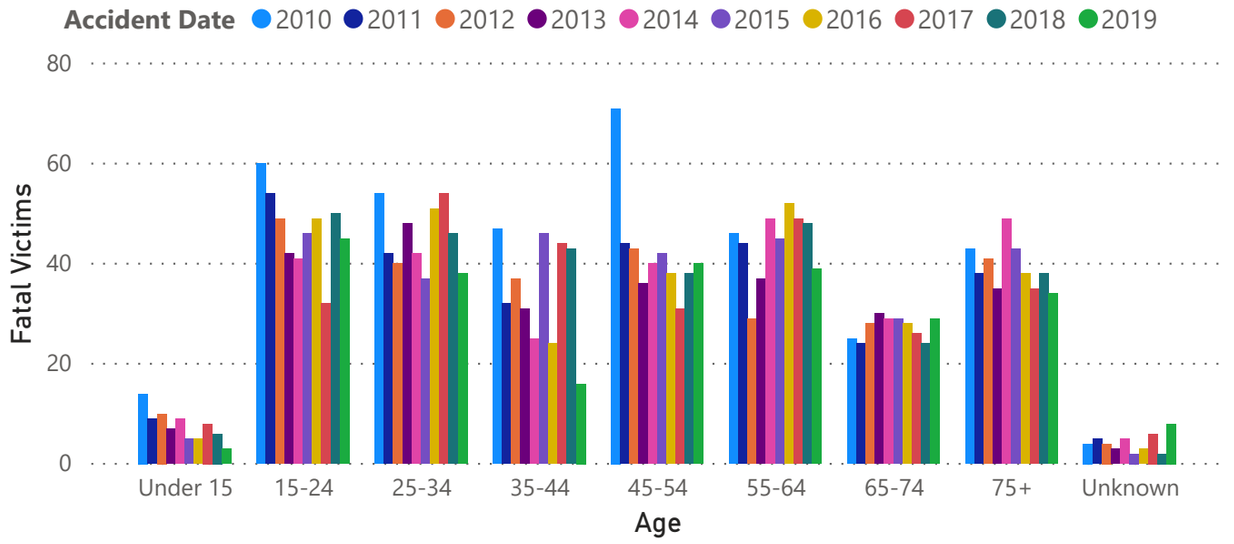
Table 26: Fatalities by Age Group

Age	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Under 15	14	9	10	7	9	5	5	8	6	3
15-24	60	54	49	42	41	46	49	32	50	45
25-34	54	42	40	48	42	37	51	54	46	38
35-44	47	32	37	31	25	46	24	44	43	16
45-54	71	44	43	36	40	42	38	31	38	40
55-64	46	44	29	37	49	45	52	49	48	39
65-74	25	24	28	30	29	29	28	26	24	29
75+	43	38	41	35	49	43	38	35	38	34
Unknown	4	5	4	3	5	2	3	6	2	8
Total	**364**	**292**	**281**	**269**	**289**	**295**	**288**	**285**	**295**	**252**

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

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Under 15	2.0	1.3	1.5	1.0	1.3	0.7	0.7	1.1	0.8	0.4
15-24	10.3	9.2	8.3	7.1	6.9	7.8	8.3	5.4	8.2	7.3
25-34	8.8	6.8	6.4	7.5	6.4	5.6	7.5	7.8	6.5	5.3
35-44	7.6	5.2	6.0	5.0	4.0	7.4	3.8	6.9	6.6	2.4
45-54	10.0	6.2	6.1	5.1	5.6	5.9	5.3	4.4	5.5	5.9
55-64	7.8	7.3	4.7	5.8	7.4	6.6	7.4	6.9	6.6	5.3
65-74	7.0	6.5	7.1	7.2	6.6	6.2	5.7	5.1	4.5	5.2
75+	13.9	12.0	12.7	10.6	14.5	12.4	10.7	9.5	10.0	8.6

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

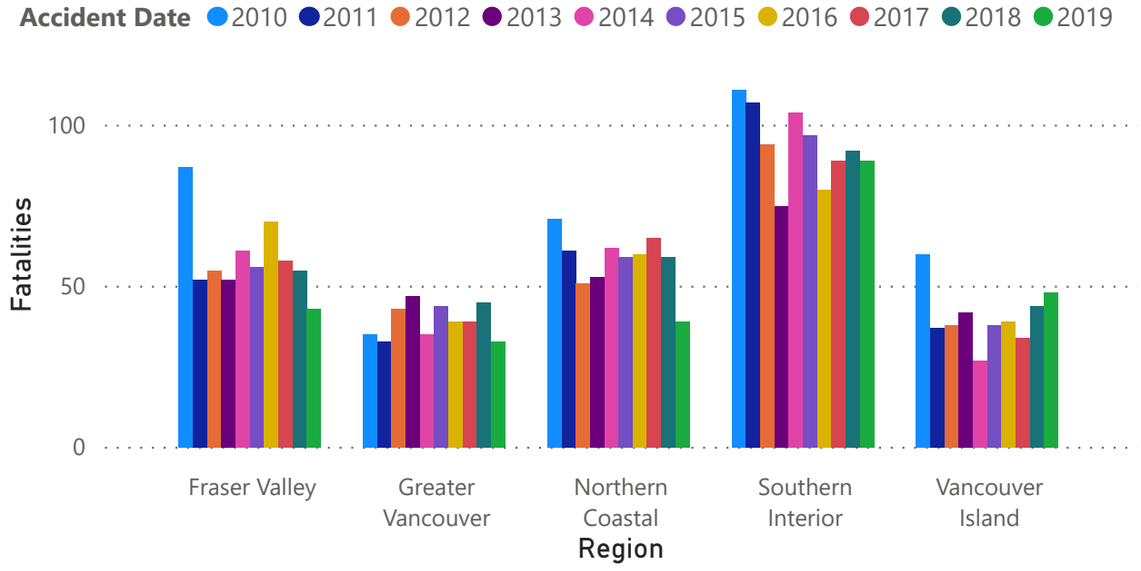
Table 28: Fatalities by Region

Region	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Fraser Valley	87	52	55	52	61	56	70	58	55	43
Greater Vancouver	35	33	43	47	35	44	39	39	45	33
Northern Coastal	71	61	51	53	62	59	60	65	59	39
Southern Interior	111	107	94	75	104	97	80	89	92	89
Vancouver Island	60	37	38	42	27	38	39	34	44	48
Total	**364**	**290**	**281**	**269**	**289**	**294**	**288**	**285**	**295**	**252**

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



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.

Northern Coastal: 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.

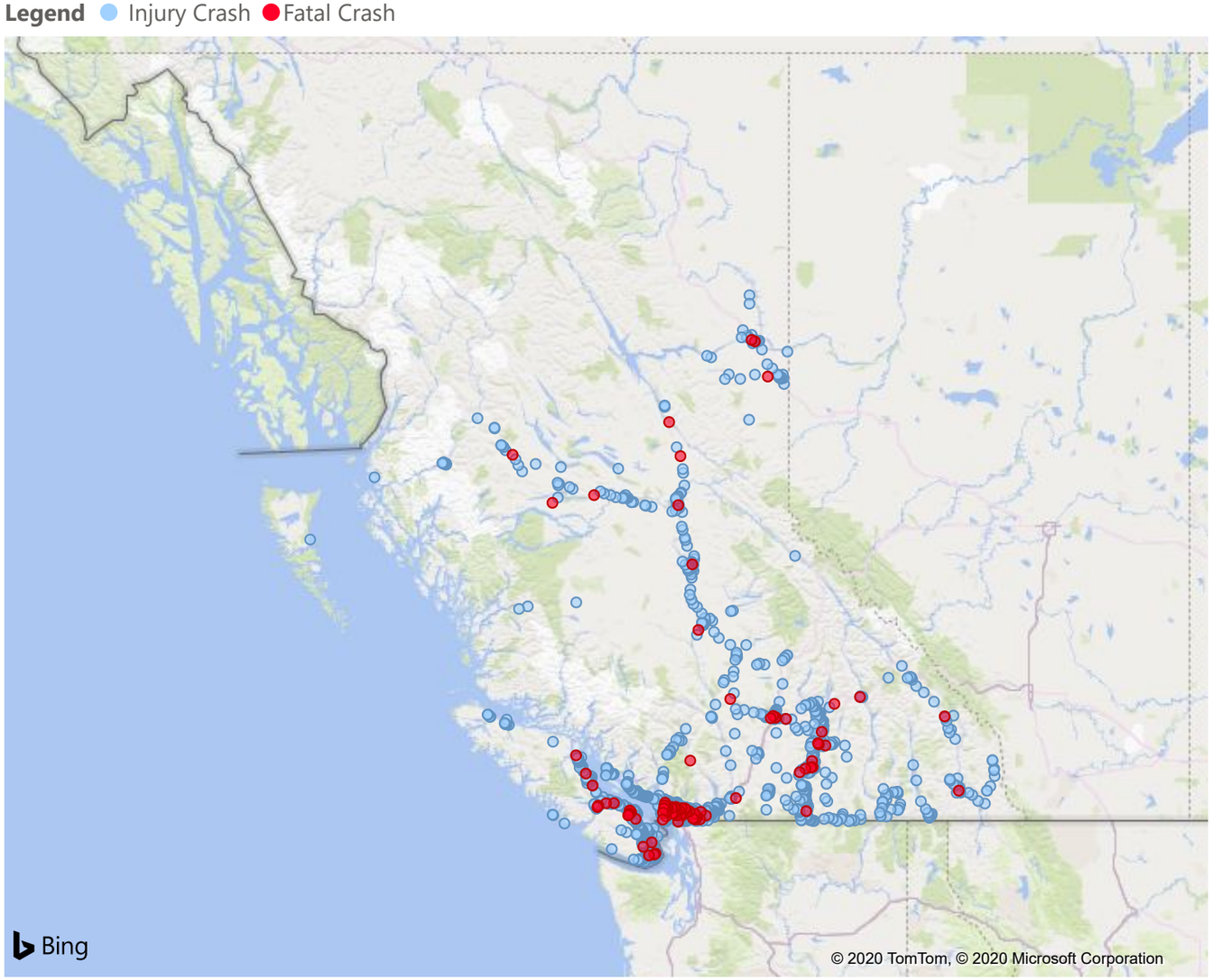
Geographical Analysis - British Columbia

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.

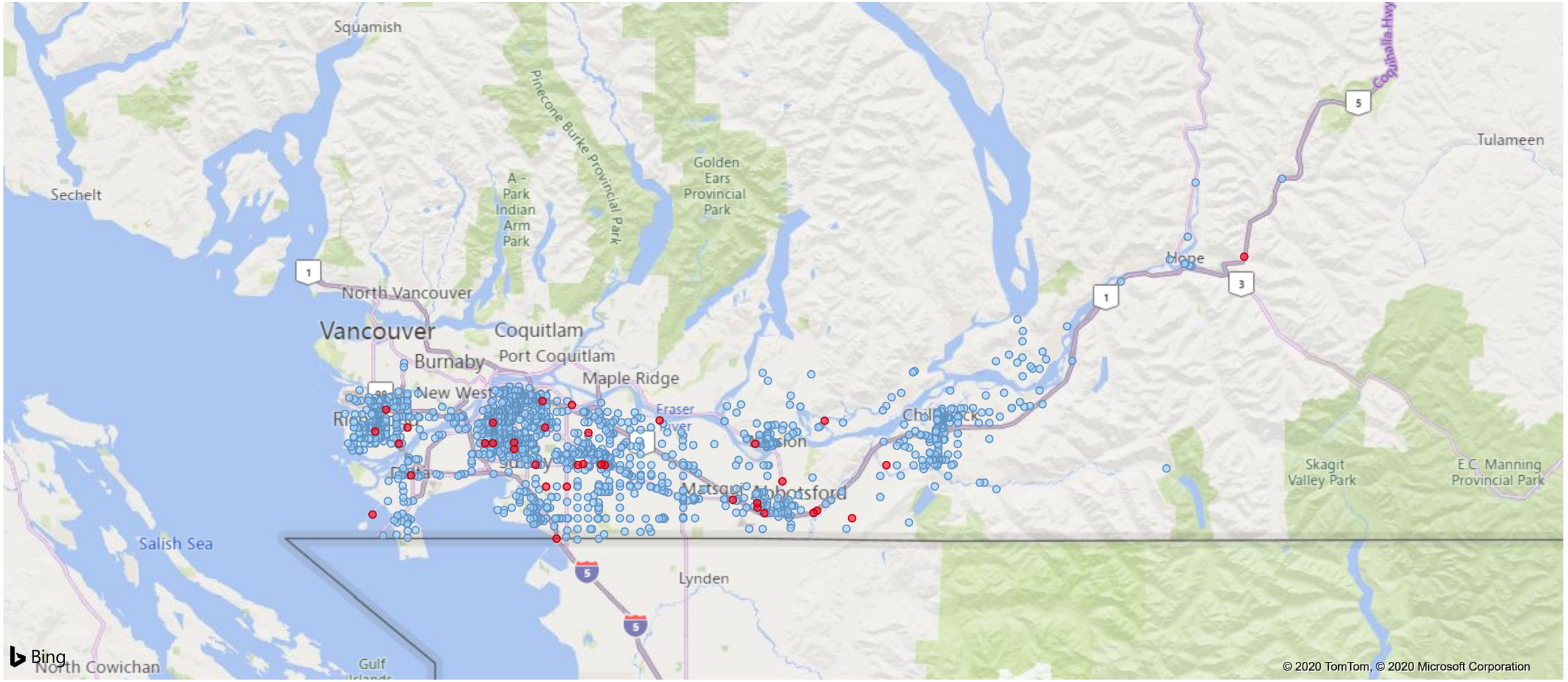
Figure 15: Police-Reported Motor Vehicle Crashes in BC 2019



Geographical Analysis - Fraser Valley

Figure 16 (a): Police-Reported Motor Vehicle Crashes in Fraser Valley 2019

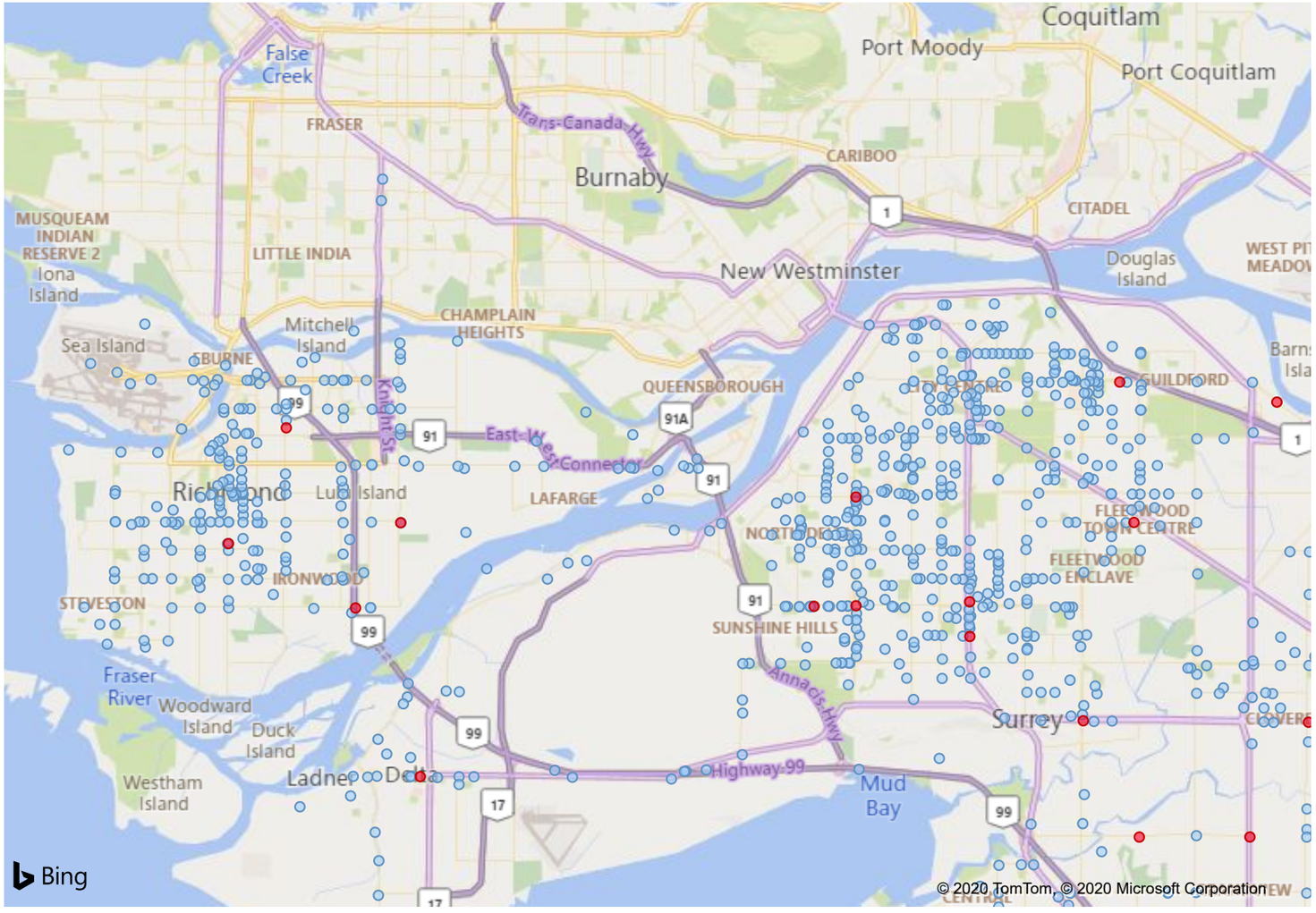
Legend Injury Crash Fatal Crash



Geographical Analysis - Fraser Valley

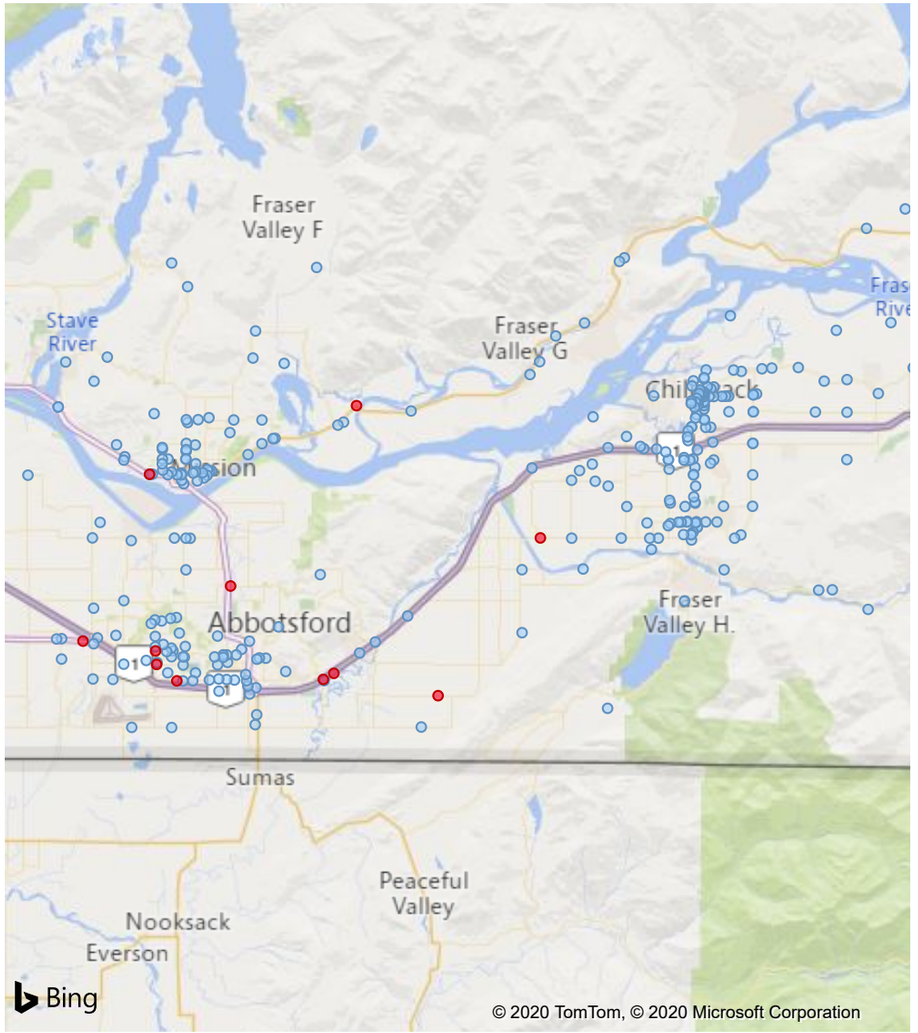
Figure 16 (b): Fraser Valley - Surrey and Richmond 2019

Legend Injury Crash Fatal Crash



16 (c): Fraser Valley - Abbotsford and Chilliwack 2019

Legend Injury Crash Fatal Crash



Geographical Analysis - Greater Vancouver

Figure 17 (a): Police-Reported Motor Vehicle Crashes in Greater Vancouver 2019

Legend Injury Crash Fatal Crash

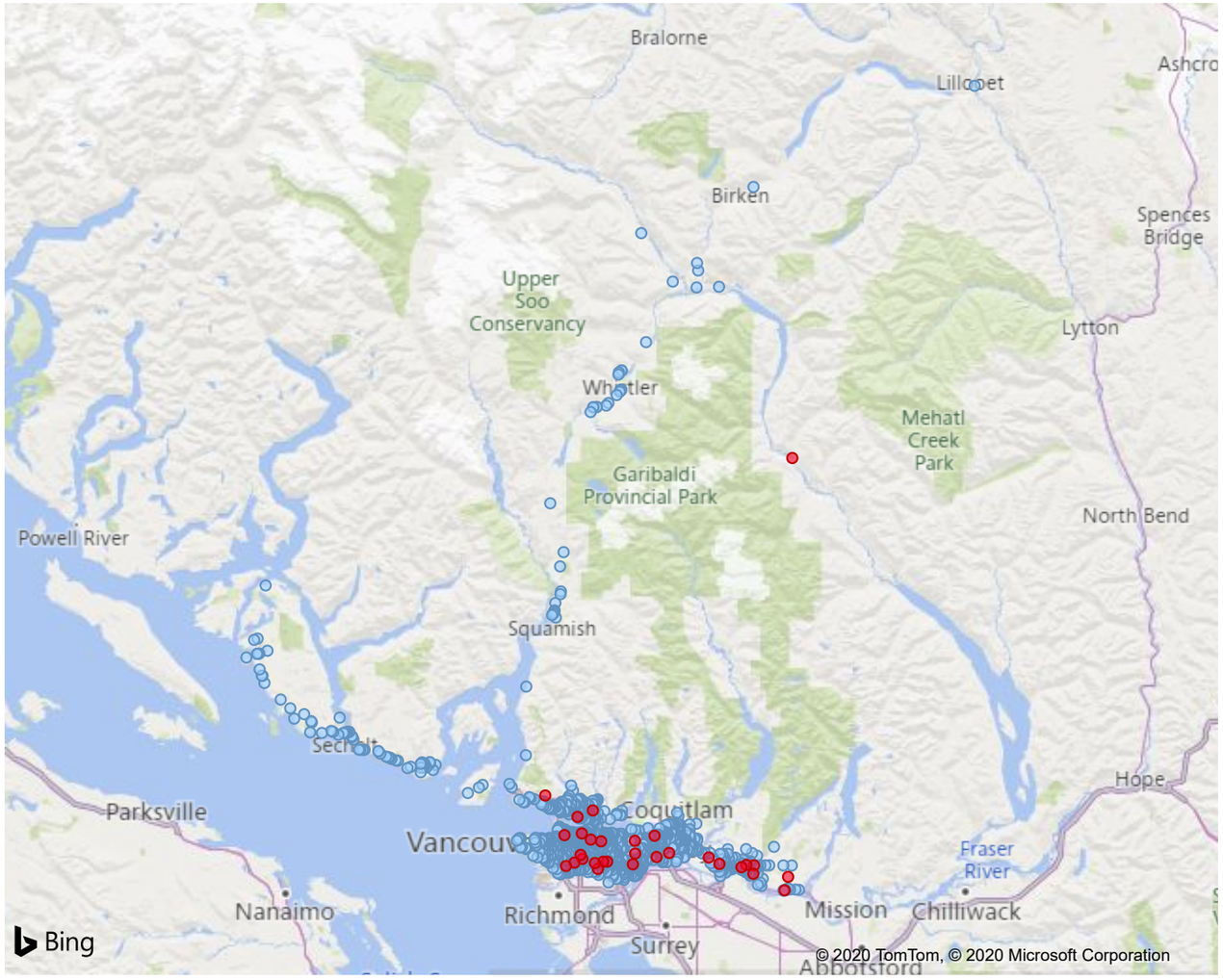
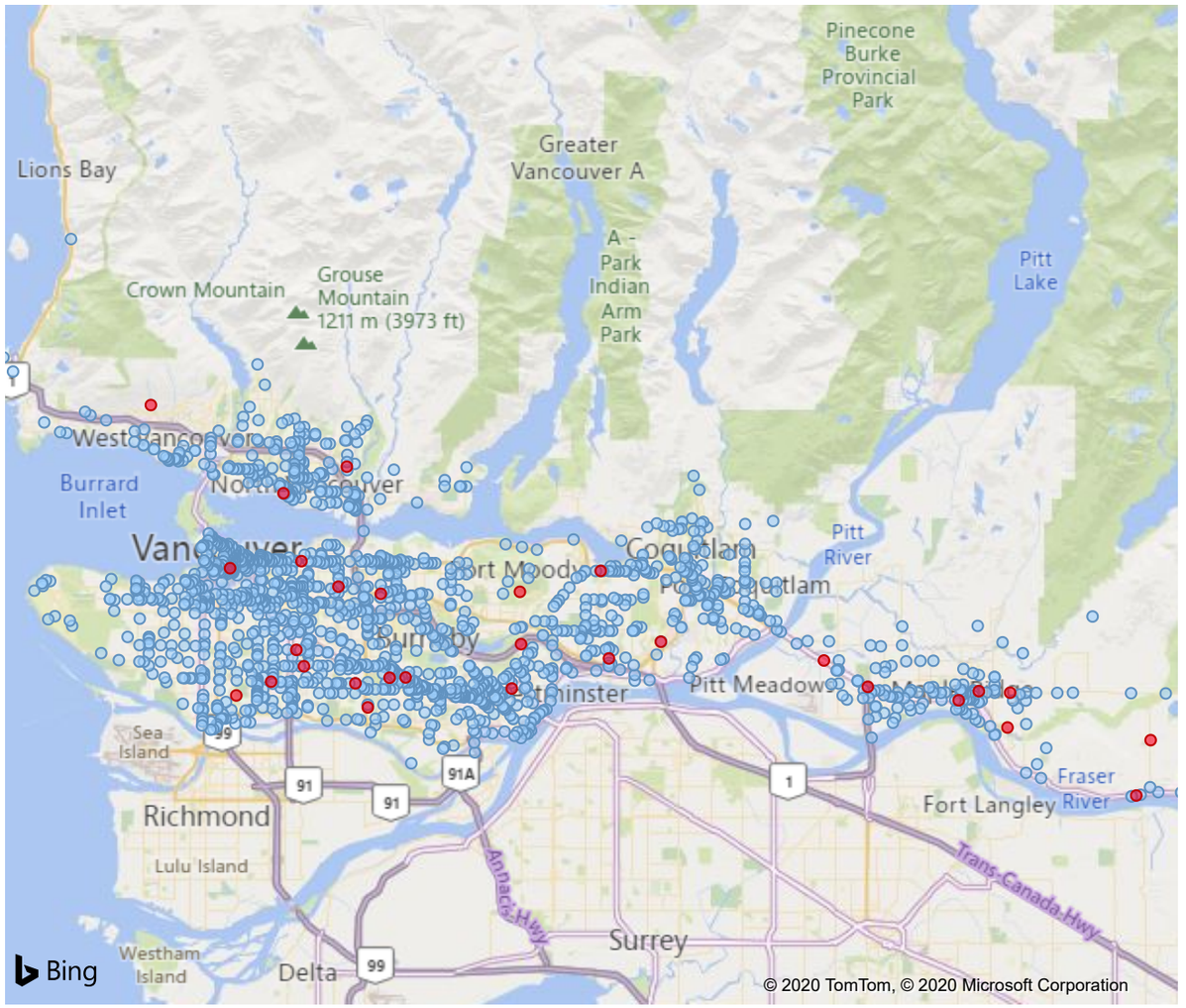


Figure 17 (b): Greater Vancouver - Lower Region 2019

Legend Injury Crash Fatal Crash



Geographical Analysis - Greater Vancouver

Figure 17 (c): Greater Vancouver - Downtown Vancouver to Burnaby 2019

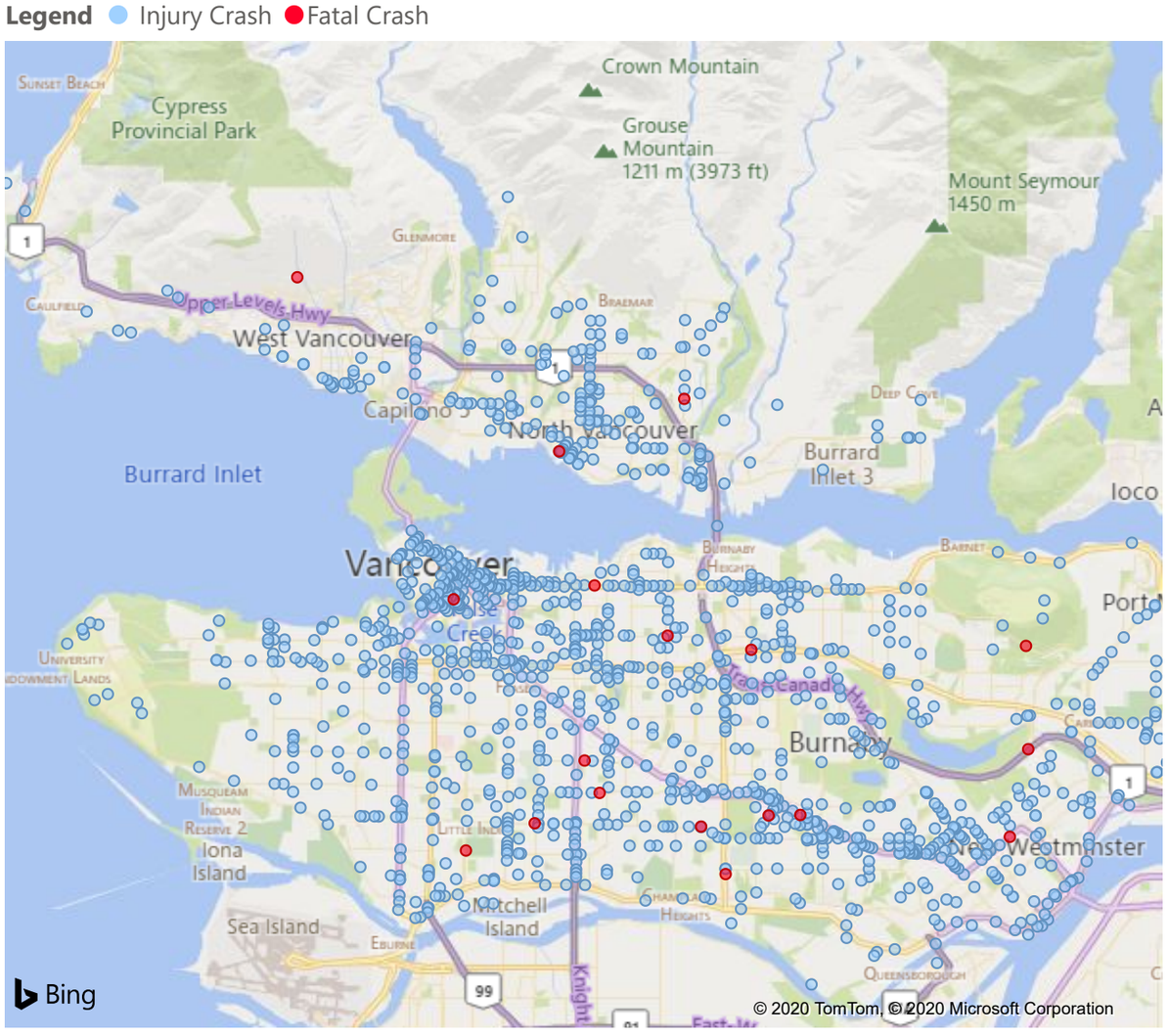
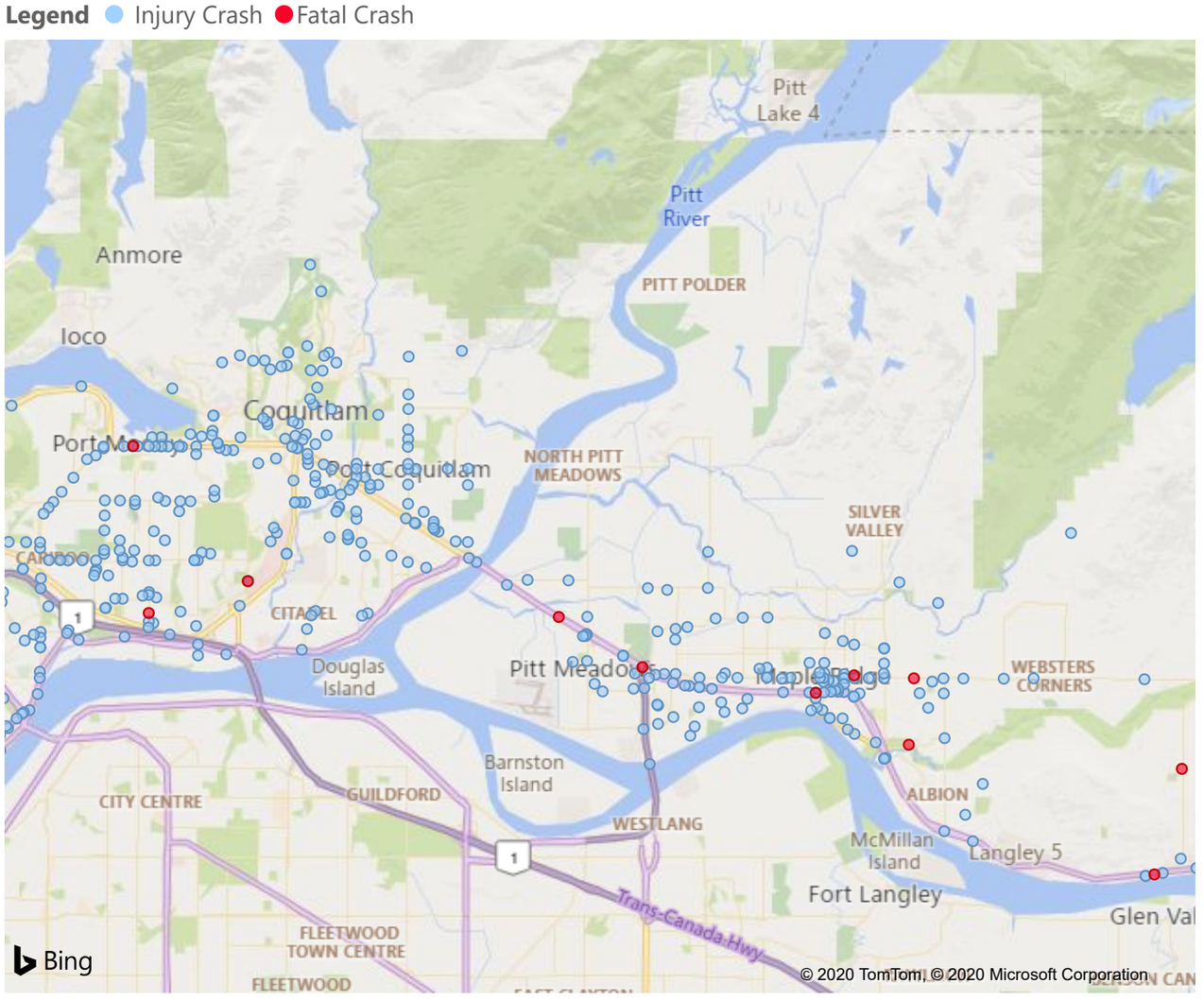
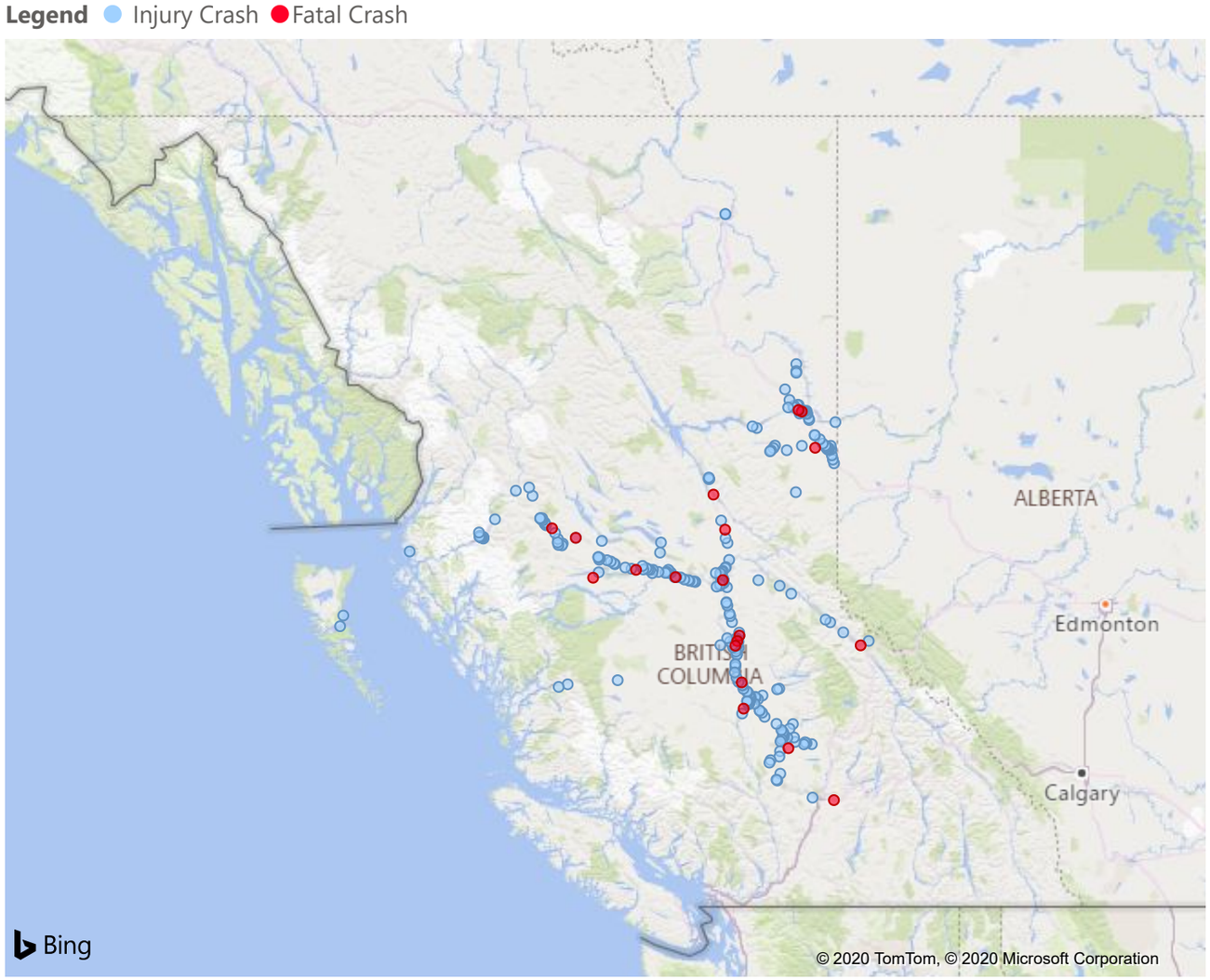


Figure 17 (d): Greater Vancouver - Coquitlam to Maple Ridge 2019



Geographical Analysis - Northern Coastal

Figure 18 (a): Police-Reported Motor Vehicle Crashes in Northern Coastal Region 2019



Geographical Analysis - Northern Coastal

Figure 18 (b): Northern Coastal Region - Fort St. John 2019

Legend Injury Crash Fatal Crash

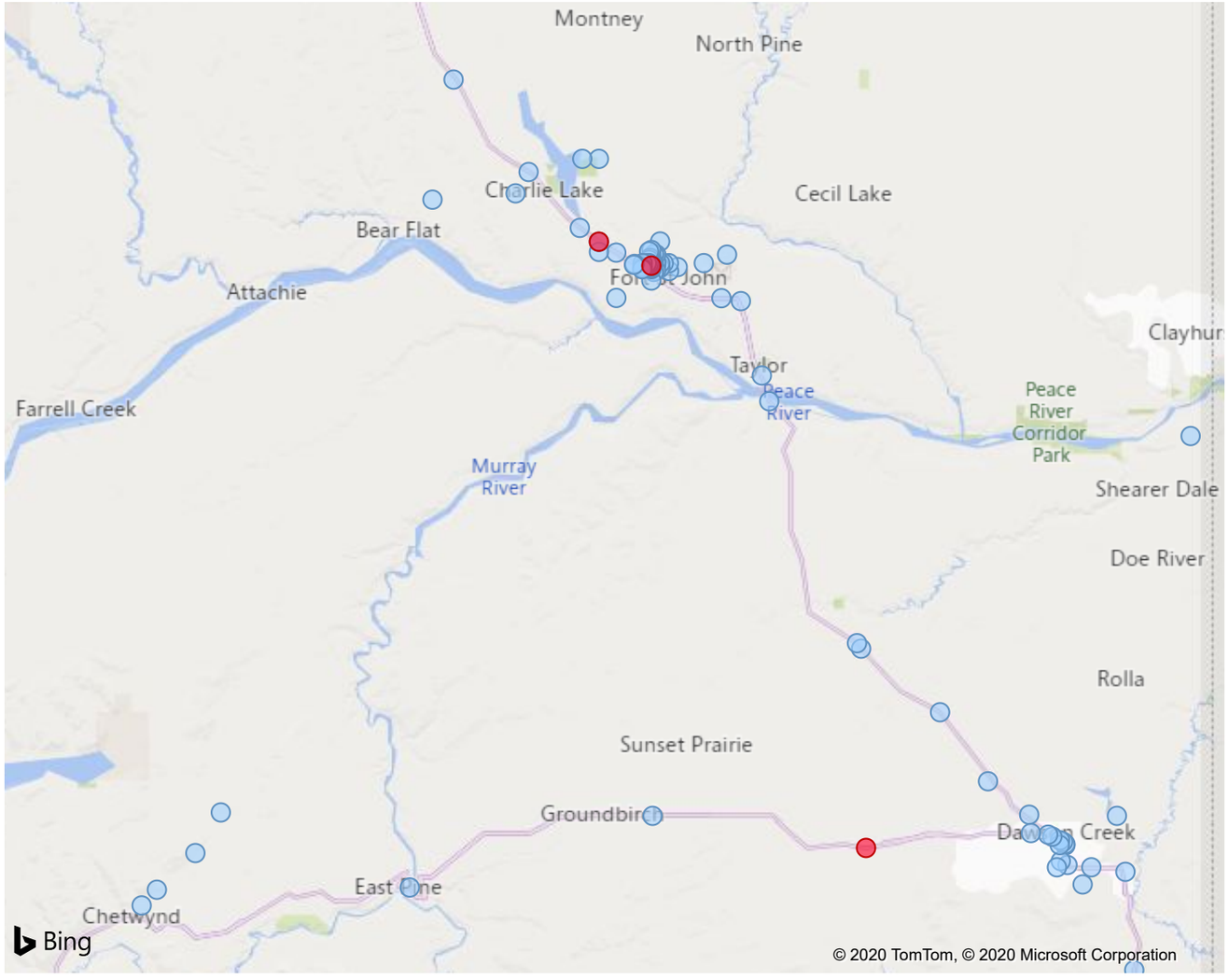


Figure 18 (c): Northern Coastal Region - Prince George 2019

Legend Injury Crash Fatal Crash

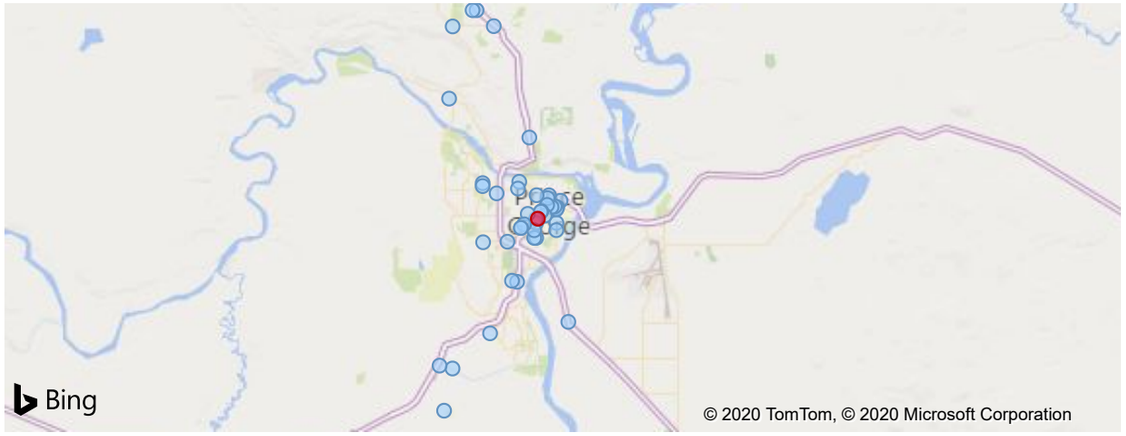
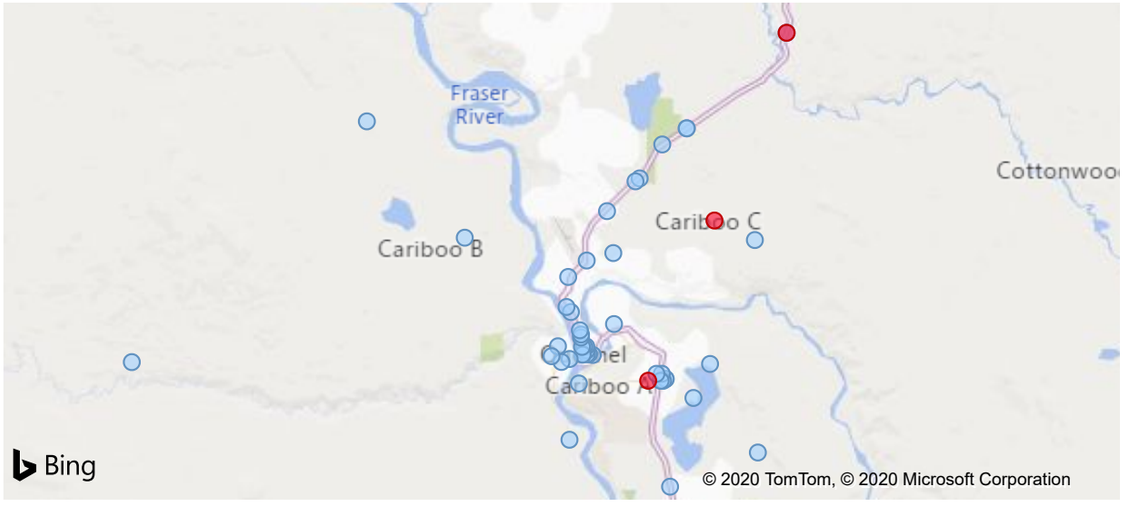


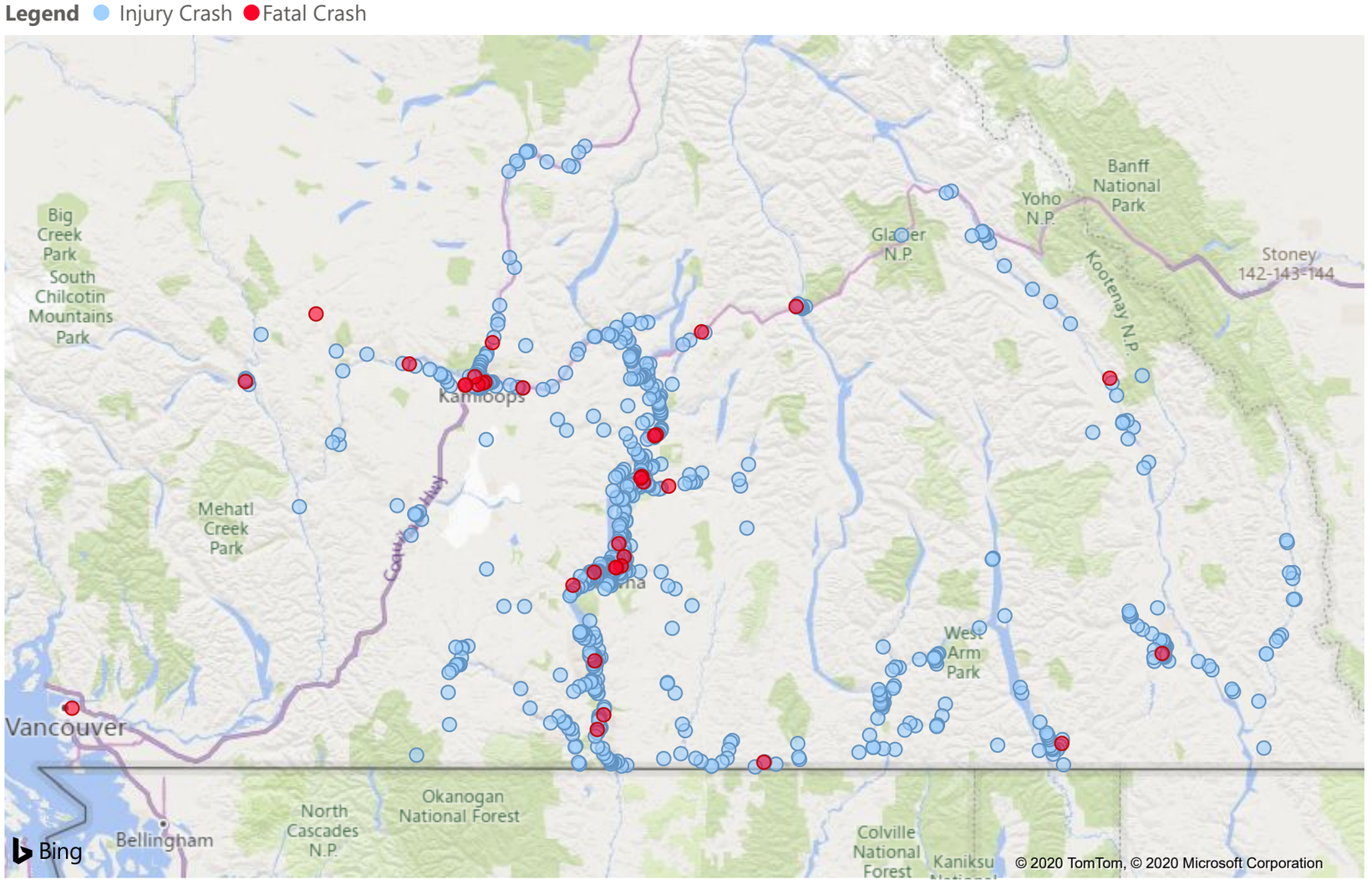
Figure 18 (d): Northern Coastal Region - Quesnel 2019

Legend Injury Crash Fatal Crash



Geographical Analysis - Southern Interior

Figure 19 (a): Police-Reported Motor Vehicle Crashes in Southern Interior 2019



Geographical Analysis - Southern Interior

Figure 19 (b): Southern Interior - Kelowna to Kamloops 2019

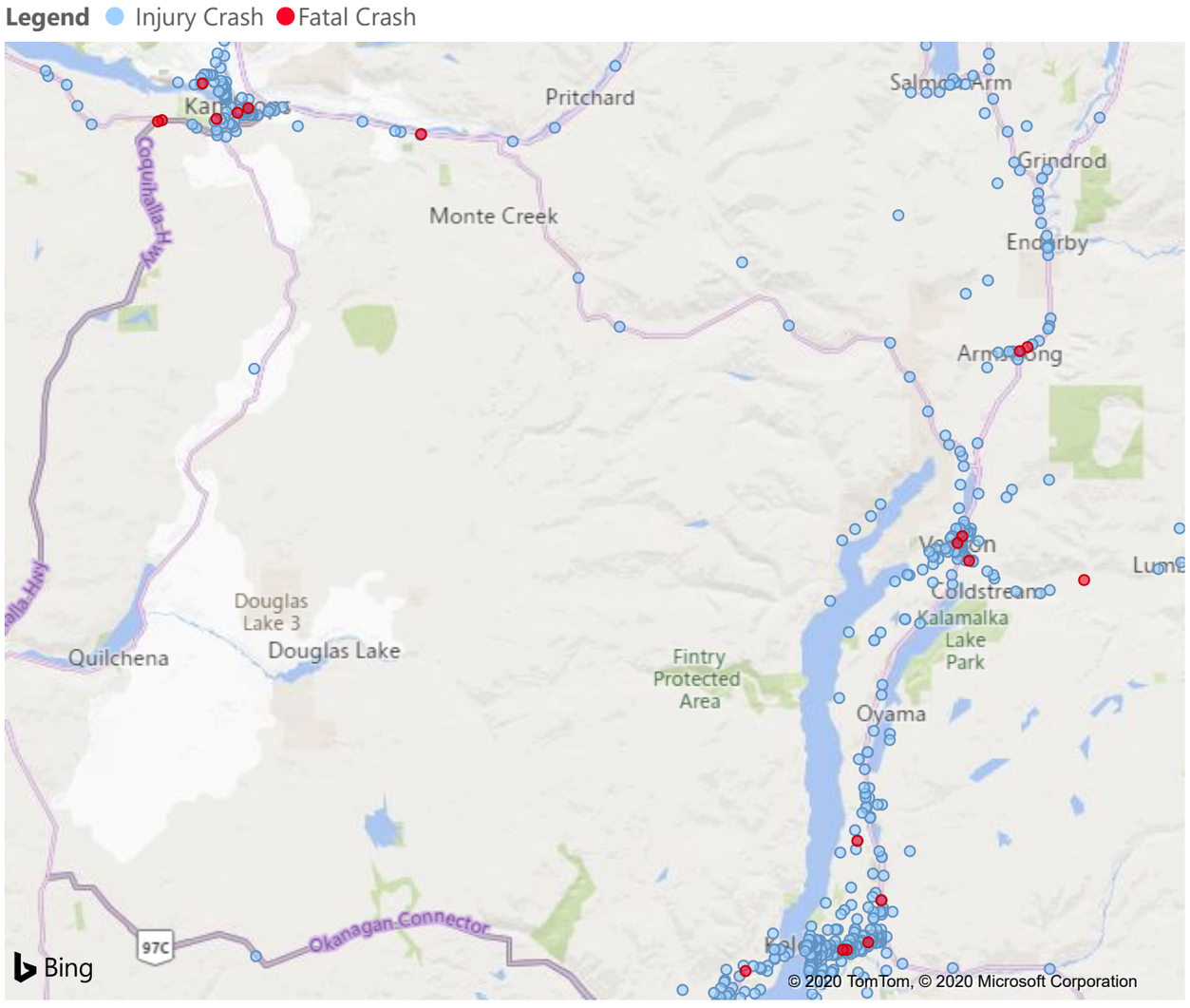


Figure 19 (c): Southern Interior - Kamloops 2019

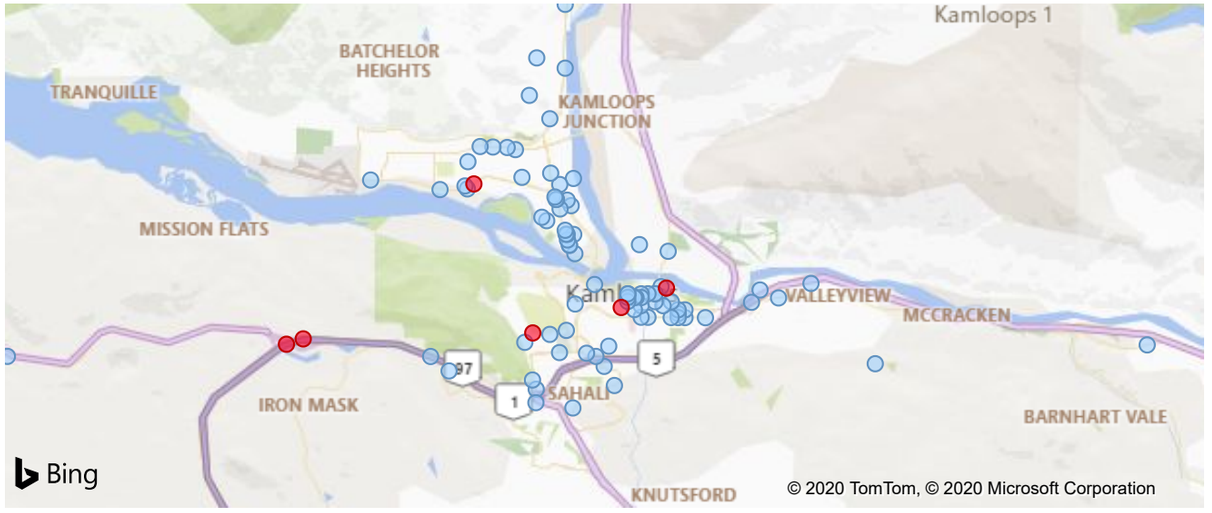
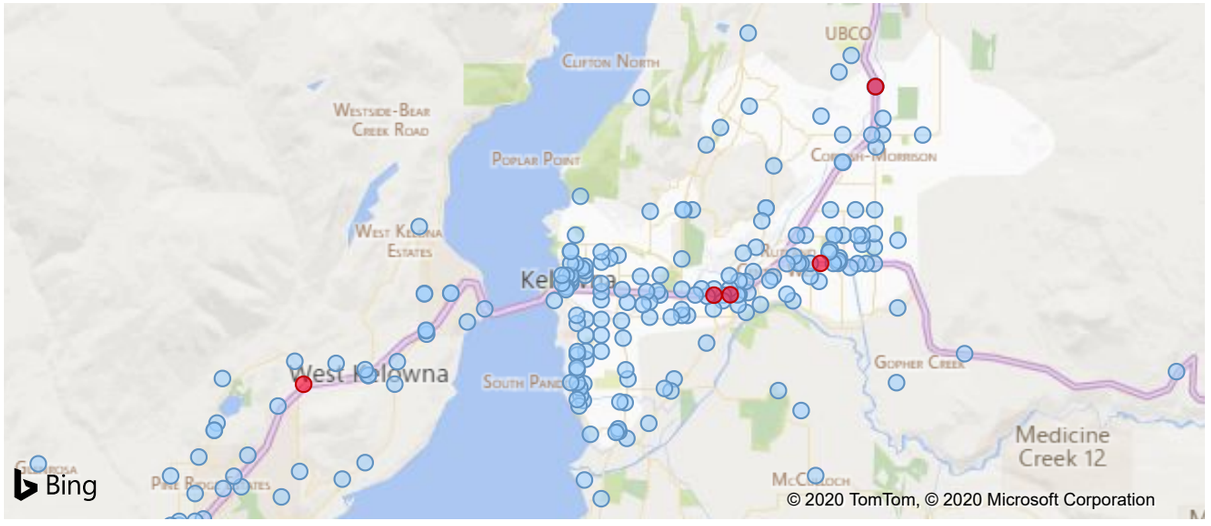


Figure 19 (d): Southern Interior - Kelowna 2019



Geographical Analysis - Vancouver Island

Figure 20 (a): Police-Reported Motor Vehicle Crashes on Vancouver Island 2019

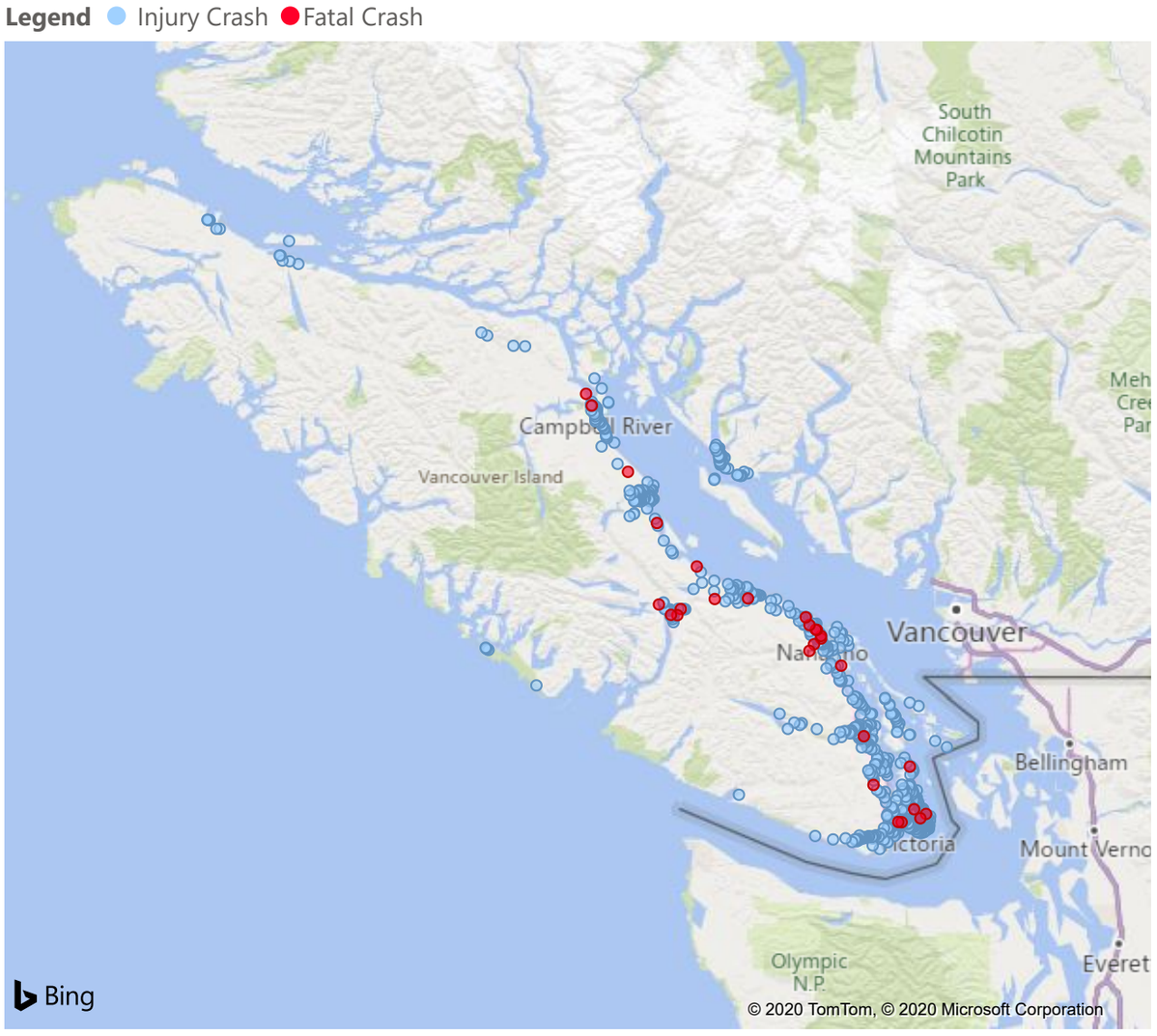
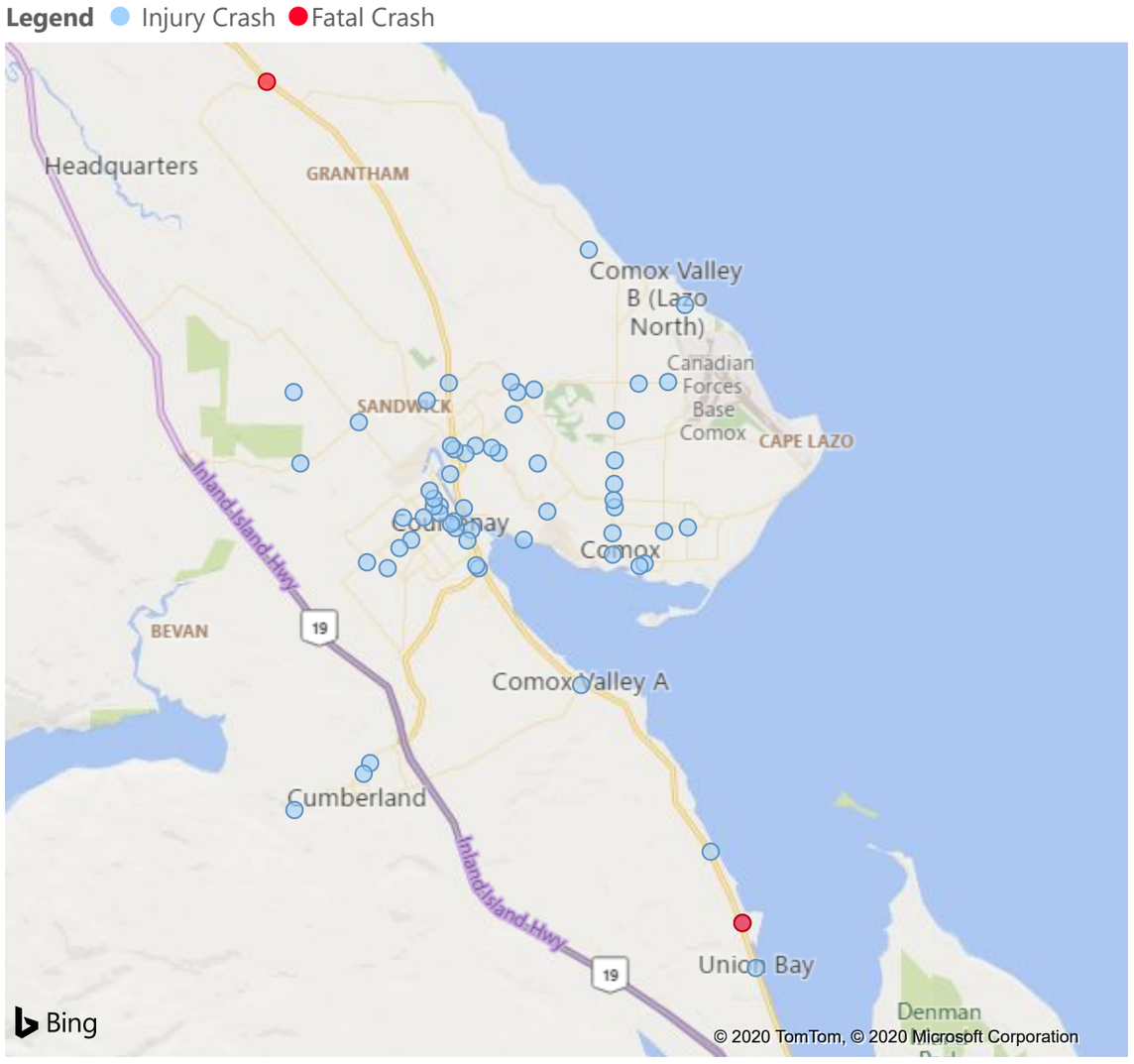


Figure 20 (b): Vancouver Island - Courtney 2019



Geographical Analysis - Vancouver Island

Figure 20 (c): Vancouver Island - Victoria to Nanaimo 2019

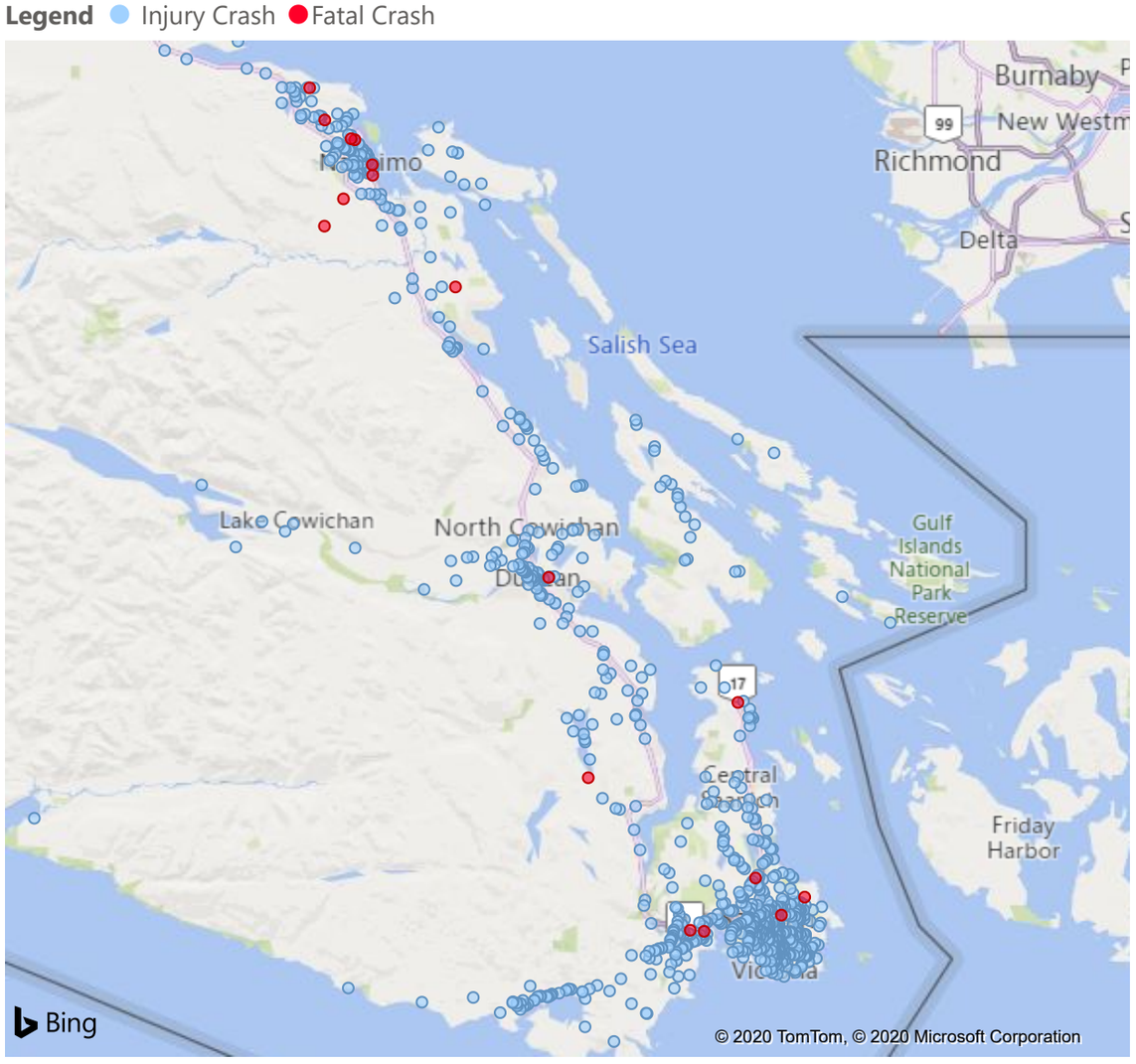
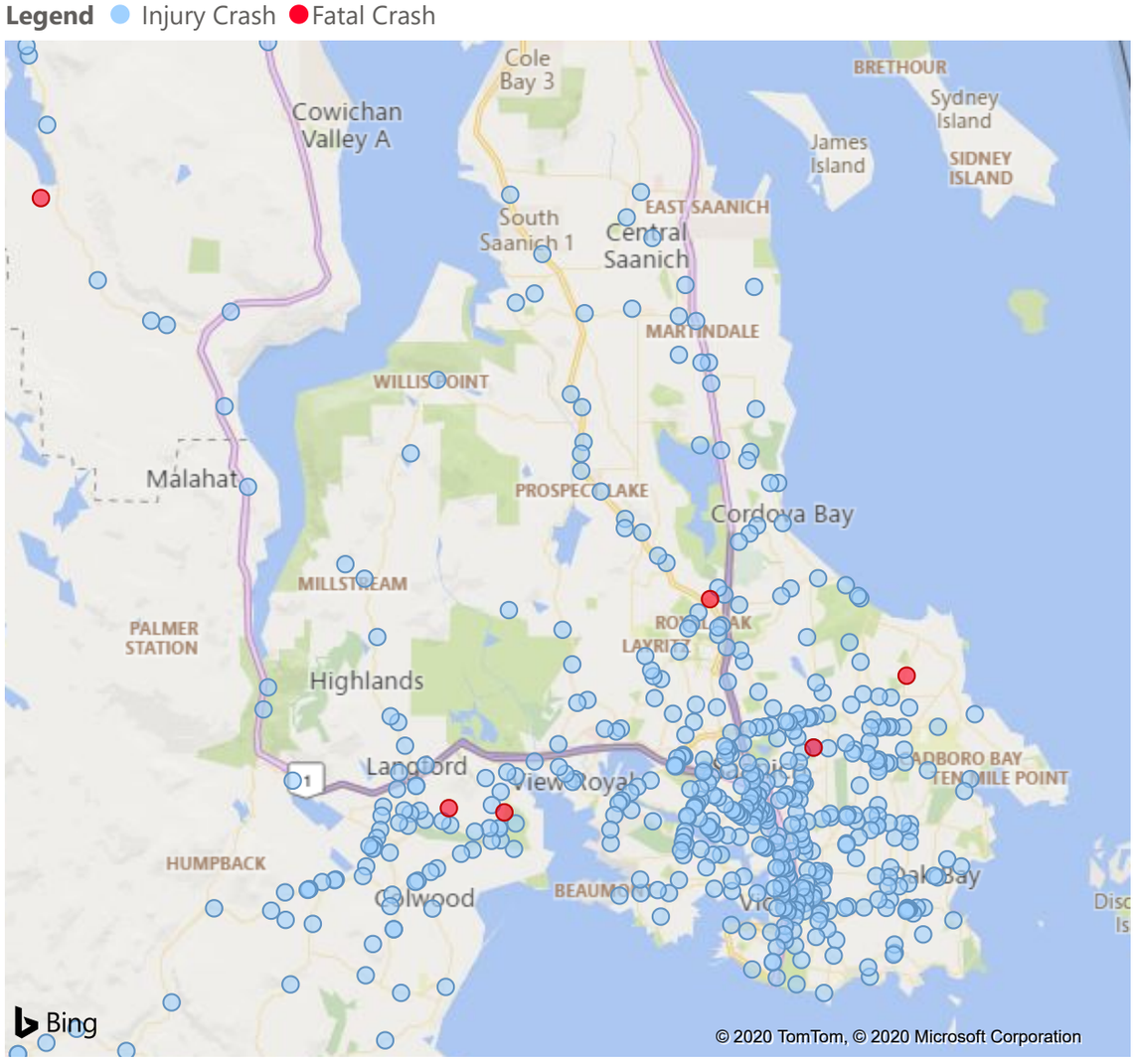


Figure 20 (d): Vancouver Island - Greater Victoria 2019



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