

This report summarizes all accidental, traffic-related pedestrian deaths that occurred between January 1, 2012 and December 31, 2021.

Inclusion Criteria: For BC Coroners Service (BCCS) statistics, a traffic-related motor-vehicle incident is one occurring on a public "highway", as defined in the *Motor Vehicle Act*. This definition encompasses any roadway intended for or used by the public for the passage of vehicles, and any private place to which the public has access or is invited (e.g., for parking or vehicle servicing). Private driveways and forest service roads are excluded, except where the forest service road is open to public use. Incidents involving off-road vehicles, industrial vehicles, and farm vehicles are included when occurring on public highways but excluded when occurring off-road or on a worksite.

In this report, "pedestrian" is defined as a person involved in a motor vehicle incident who, at the time of the incident, was on foot, sitting down, or lying down on a public highway or a parking lot used by the public. This includes skateboarders, longboarders, and rollerbladers.

Caveats: As the BCCS operates in a live database environment, the data are considered preliminary and subject to change. These data were compiled by date of death, which may differ from the date of injury. In some cases, the death may occur months or years after injury. These statistics may vary from those reported by other agencies, due to differences in data definitions or reporting standards.

Summary:

- In 2021, there were 56 pedestrian deaths in B.C. equating to a rate of 1.1 death per 100,000 population (*Fig. 1*).
- Between 2012-2021, the average annual number of pedestrian deaths was 55. The province's crude pedestrian death rate ranged from 0.7 to 1.4 per 100,000 population (*Fig. 1*).
- Pedestrian fatalities occurred more frequently in the fall and winter months (*Fig. 3*). The months with the highest average annual number of deaths were November (7.7) and December (6.7) (*Fig. 2*).
- Males accounted for 58% of deaths (*Fig. 4*) and 60% were 50 years of age or older (*Fig. 5*).
- By health authority, Fraser Health had the highest number of deaths (207), followed by Vancouver Coastal Health (127) (*Table 4*).
- Average annual crude rates within health authorities varied from 1.0 per 100,000 population in Island Health to 1.4 per 100,000 population in Northern Health (*Fig. 7*).
- The townships experiencing the highest number of deaths are Vancouver (81) and Surrey (77) (*Table 5*).

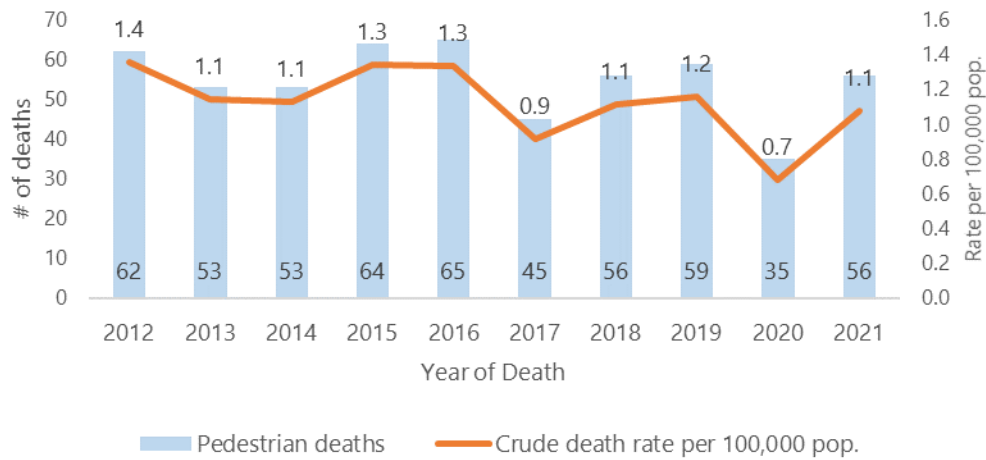


Fig. 1. Crude Death Rate per 100,000 Population, 2012-2021^[1]

Table 1. Pedestrian Deaths by Month, 2012-2021										
Month	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Jan	3	5	7	9	8	3	8	6	3	5
Feb	6	8	2	6	4	3	2	4	6	4
Mar	8	5	3	2	6	3	5	6	2	3
Apr	8	0	1	6	7	3	6	3	0	2
May	1	1	2	3	0	1	3	2	1	2
Jun	5	3	2	3	2	4	3	9	1	3
Jul	2	3	4	4	2	2	4	2	4	4
Aug	4	3	1	7	2	4	1	4	1	6
Sep	8	7	5	4	6	2	3	5	3	7
Oct	4	5	8	5	9	6	6	7	3	5
Nov	9	8	7	9	13	6	8	5	3	9
Dec	4	5	11	6	6	8	7	6	8	6
Total	62	53	53	64	65	45	56	59	35	56

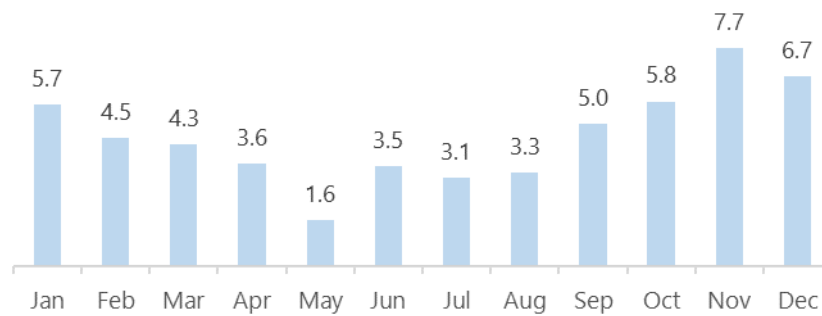


Fig. 2. Average Number of Pedestrian Deaths by Month, 2012-2021

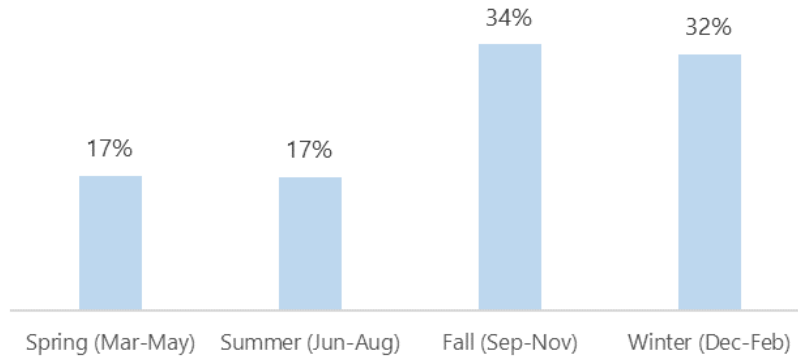


Fig. 3. Pedestrian Deaths by Season as % of Total, 2012-2021

Table 2. Pedestrian Deaths by Sex, 2012-2021										
Sex	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Female	28	24	24	23	31	20	19	23	17	21
Male	34	29	29	41	34	25	37	36	18	35
Total	62	53	53	64	65	45	56	59	35	56

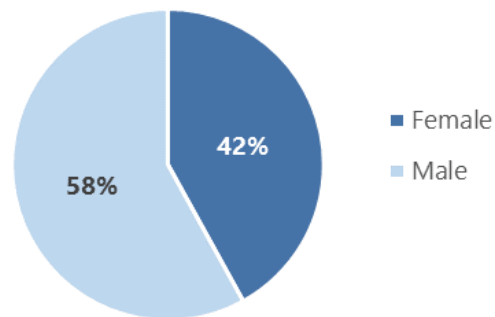


Fig. 4. Pedestrian Deaths by Sex as % of Total, 2012-2021

Table 3. Pedestrian Deaths by Age Group, 2012-2021

Age Group	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
0-9	0	1	1	2	0	1	0	0	2	1
10-18	6	3	6	2	8	0	3	2	1	4
19-29	6	6	4	8	8	9	7	5	3	6
30-39	3	6	4	2	6	6	11	11	4	6
40-49	6	4	3	10	5	4	6	5	5	6
50-59	7	12	10	11	8	3	6	12	0	14
60-69	7	6	4	7	11	3	4	9	5	9
70-79	17	3	12	9	6	10	7	8	8	4
80-89	9	11	9	10	10	8	10	7	4	5
90+	1	1	0	3	3	1	2	0	3	1
Total	62	53	53	64	65	45	56	59	35	56

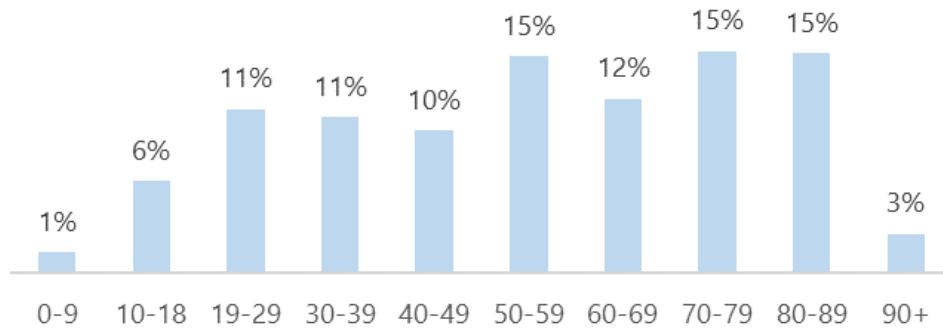


Fig. 5. Pedestrian Deaths by Age Group as % of Total, 2012-2021^[4]

Table 4. Pedestrian Deaths by Health Authority of Injury, 2012-2021 ^[2,3]										
HA	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Interior	14	8	7	14	5	12	13	5	5	9
Fraser	17	24	23	23	23	15	22	25	13	22
Van. Coastal	14	11	10	20	17	12	12	8	10	13
Island	13	10	6	3	13	4	5	12	5	9
Northern	4	0	7	4	7	2	4	9	2	3
Total	62	53	53	64	65	45	56	59	35	56

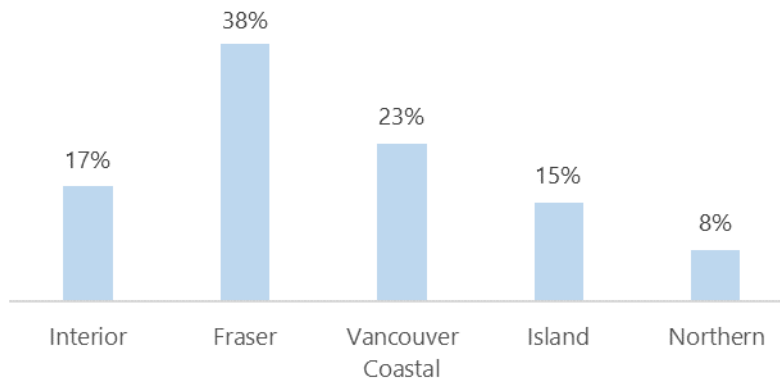


Fig. 6. Pedestrian Deaths by Health Authority of Injury, 2012-2021^[2,3,4]

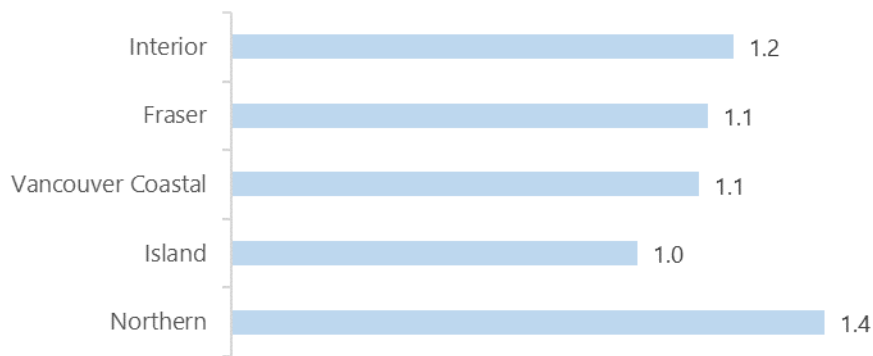


Fig. 7. Average Annual Death Rate per 100,000 Population by Health Authority, 2012-2021^[1,2,3]

Table 5. Pedestrian Deaths by Top 10 Townships of Injury, 2012-2021^[3]

Township	# of Deaths
Vancouver	81
Surrey	77
Abbotsford	29
Richmond	26
Burnaby	24
Victoria	16
Kamloops	15
Nanaimo	15
Prince George	14
Kelowna	12
Other	239
Total	548

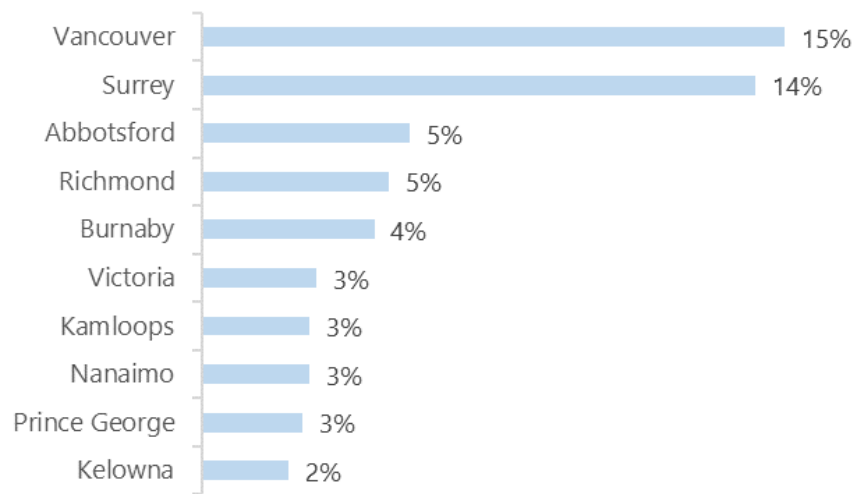


Fig. 8. Percent of Total Pedestrian Deaths by Township of Injury, 2012-2021^[4]

*Other townships (not shown) accounted for 44% of pedestrian deaths.

Notes:

1. Population estimates were taken from: <https://www.bcstats.gov.bc.ca/apps/PopulationEstimates.aspx>
2. Health Region breakdowns can be found at: <https://www2.gov.bc.ca/gov/content/data/geographic-data-services/land-use/administrative-boundaries/health-boundaries>
3. Health authority is derived from injury township. Death township is used in cases of unknown or out-of-province injury township.
4. Percentages may not sum to 100 due to rounding.