

Figure 3.5

Vehicle involvements and involvement rates^{^^} by class of vehicle and type of vehicle collision 2021

Class of vehicle	Type of vehicle collision					
	With collision				Without collision	Total
	Vehicle/ Pedestrian	Vehicle/ Vehicle	Vehicle/ Object [^]	<i>Sub-total</i>		
Motor vehicles						
Motor cycle						
Number involved in accident	116	1 942	171	2 229	1 147	3 376
Involvement rate :						
per 1,000 vehicles	1.7	28.1	2.5	32.2	16.6	48.8
per million vehicle-kilometres	0.23	3.82	0.34	4.39	2.26	6.65
Private car						
Number involved in accident	1 018	9 003	287	10 308	394	10 702
Involvement rate :						
per 1,000 vehicles	1.7	15.5	0.5	17.7	0.7	18.4
per million vehicle-kilometres	0.15	1.36	0.04	1.56	0.06	1.62
Taxi						
Number involved in accident	494	3 847	108	4 449	188	4 637
Involvement rate :						
per 1,000 vehicles	27.4	213.3	6.0	246.7	10.4	257.2
per million vehicle-kilometres	0.21	1.65	0.05	1.91	0.08	1.99
Public light bus						
Number involved in accident	117	457	9	583	176	759
Involvement rate :						
per 1,000 vehicles	27.6	107.9	2.1	137.7	41.6	179.2
per million vehicle-kilometres	0.36	1.39	0.03	1.78	0.54	2.32
Public bus						
Number involved in accident	91	743	20	854	1 034	1 888
Involvement rate :						
per 1,000 vehicles	7.2	58.7	1.6	67.5	81.8	149.3
per million vehicle-kilometres	0.14	1.15	0.03	1.32	1.60	2.91
Light goods vehicle						
Number involved in accident	378	2 734	92	3 204	112	3 316
Involvement rate :						
per 1,000 vehicles	5.0	36.5	1.2	42.8	1.5	44.3
per million vehicle-kilometres	0.16	1.13	0.04	1.32	0.05	1.37
Medium & heavy goods vehicles						
Number involved in accident	89	1 047	28	1 164	40	1 204
Involvement rate :						
per 1,000 vehicles	2.1	25.1	0.7	27.9	1.0	28.9
per million vehicle-kilometres	0.08	0.89	0.02	0.99	0.03	1.02

Figure 3.5 (Cont'd)

Vehicle involvements and involvement rates^{^^} by class of vehicle and type of vehicle collision 2021

Class of vehicle	Type of vehicle collision					
	With collision				Without collision	Total
	Vehicle/ Pedestrian	Vehicle/ Vehicle	Vehicle/ Object [^]	<i>Sub-total</i>		
Tram						
Number involved in accident	27	18	0	45	16	61
Involvement rate :						
per 1,000 vehicles	167.7	111.8	0.0	279.5	99.4	378.9
per million vehicle-kilometres	6.00	4.00	0.00	10.01	3.56	13.57
Light rail vehicle						
Number involved in accident	1	3	0	4	1	5
Involvement rate :						
per 1,000 vehicles	7.0	21.1	0.0	28.2	7.0	35.2
per million vehicle-kilometres	0.14	0.43	0.00	0.57	0.14	0.71
Other motor vehicles ⁺						
Number involved in accident	45	163	10	218	24	242
Involvement rate :						
per 1,000 vehicles	-	-	-	-	-	-
per million vehicle-kilometres	-	-	-	-	-	-
<i>Sub-total</i>						
<i>Number involved in accident</i>	2 376	19 957	725	23 058	3 132	26 190
<i>Involvement rate :</i>						
<i>per 1,000 vehicles</i>	2.9	24.5	0.9	28.3	3.8	32.1
<i>per million vehicle-kilometres</i>	0.17	1.41	0.05	1.63	0.22	1.85
Non-motor vehicles						
Bicycle	209	898	65	1 172	2 077	3 249
Handcart	0	10	0	10	1	11
<i>Sub-total</i>	209	908	65	1 182	2 078	3 260
Unknown	28	6	5	39	14	53
Total	2 613	20 871	795	24 279	5 224	29 503

Notes : ^{^^} Involvement rates include the following :

- (1) Involvement rate per 1000 licensed vehicles refers to the number of vehicles involved in accidents of a particular vehicle collision type per 1000 licensed vehicles of the same vehicle class.
- (2) Involvement rate per million vehicle-kilometres refers to the number of vehicles involved in accidents of a particular vehicle collision type per one million vehicle-kilometres travelled by vehicles of the same vehicle class.

[^] Including accidents of unknown vehicle collision type.

⁺ Other motor vehicles include, but not limited to, trailer, special purpose vehicle, private light bus, private bus, golf cart and village vehicle.