

Figure 3.5

Vehicle involvements and involvement rates[^] by class of vehicle and type of vehicle collision 2022

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	110	1 566	191	<i>1 867</i>	1 043	2 910
Involvement rate :						
per 1,000 vehicles	1.5	21.3	2.6	<i>25.4</i>	14.2	39.5
per million vehicle-kilometres	0.23	3.21	0.39	<i>3.83</i>	2.14	5.96
Private car						
Number involved in accident	832	7 538	364	<i>8 734</i>	321	9 055
Involvement rate :						
per 1,000 vehicles	1.5	13.2	0.6	<i>15.3</i>	0.6	15.8
per million vehicle-kilometres	0.13	1.16	0.06	<i>1.34</i>	0.05	1.39
Taxi						
Number involved in accident	439	3 310	115	<i>3 864</i>	178	4 042
Involvement rate :						
per 1,000 vehicles	24.4	184.2	6.4	<i>215.0</i>	9.9	224.9
per million vehicle-kilometres	0.19	1.40	0.05	<i>1.64</i>	0.08	1.71
Public light bus						
Number involved in accident	128	389	16	<i>533</i>	140	673
Involvement rate :						
per 1,000 vehicles	30.8	93.7	3.9	<i>128.4</i>	33.7	162.1
per million vehicle-kilometres	0.43	1.30	0.05	<i>1.79</i>	0.47	2.25
Public bus						
Number involved in accident	88	697	31	<i>816</i>	769	1 585
Involvement rate :						
per 1,000 vehicles	7.2	56.9	2.5	<i>66.6</i>	62.7	129.3
per million vehicle-kilometres	0.13	1.03	0.05	<i>1.21</i>	1.14	2.34
Light goods vehicle						
Number involved in accident	381	2 394	83	<i>2 858</i>	98	2 956
Involvement rate :						
per 1,000 vehicles	5.0	31.6	1.1	<i>37.7</i>	1.3	39.0
per million vehicle-kilometres	0.15	0.97	0.03	<i>1.16</i>	0.04	1.20
Medium & heavy goods vehicles						
Number involved in accident	94	894	26	<i>1 014</i>	34	1 048
Involvement rate :						
per 1,000 vehicles	2.3	21.8	0.6	<i>24.8</i>	0.8	25.6
per million vehicle-kilometres	0.09	0.81	0.02	<i>0.92</i>	0.03	0.95

Figure 3.5 (Cont'd)

Vehicle involvements and involvement rates^{^^} by class of vehicle and type of vehicle collision 2022

Class of vehicle	Type of vehicle collision					
	With collision				Without collision	Total
	Vehicle/ Pedestrian	Vehicle/ Vehicle	Vehicle/ Object [^]	<i>Sub-total</i>		
Private light bus						
Number involved in accident	7	56	2	65	5	70
Involvement rate :						
per 1,000 vehicles	2.0	16.1	0.6	18.7	1.4	20.1
per million vehicle-kilometres	0.05	0.43	0.02	0.49	0.04	0.53
Tram						
Number involved in accident	16	16	0	32	7	39
Involvement rate :						
per 1,000 vehicles	99.4	99.4	0.0	198.8	43.5	242.2
per million vehicle-kilometres	3.86	3.86	0.00	7.72	1.69	9.40
Light rail vehicle						
Number involved in accident	0	6	0	6	0	6
Involvement rate :						
per 1,000 vehicles	0.0	41.4	0.0	41.4	0.0	41.4
per million vehicle-kilometres	0.00	0.90	0.00	0.90	0.00	0.90
Other motor vehicles ⁺						
Number involved in accident	25	79	4	108	7	115
Involvement rate :						
per 1,000 vehicles	-	-	-	-	-	-
per million vehicle-kilometres	-	-	-	-	-	-
<i>Sub-total</i>						
<i>Number involved in accident</i>	2 120	16 945	832	19 897	2 602	22 499
<i>Involvement rate :</i>						
<i>per 1,000 vehicles</i>	2.6	20.9	1.0	24.6	3.2	27.8
<i>per million vehicle-kilometres</i>	0.15	1.21	0.06	1.42	0.19	1.61
Non-motor vehicles						
Bicycle	178	701	62	941	1 474	2 415
Handcart	0	4	0	4	0	4
<i>Sub-total</i>	178	705	62	945	1 474	2 419
Unknown	14	11	11	36	13	49
Total	2 312	17 661	905	20 878	4 089	24 967

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 (as at mid-year) 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 bus, golf cart and village vehicle.