

Figure 3.5

Vehicle involvements and involvement rates<sup>^</sup> by class of vehicle and type of vehicle collision 2019

Class of vehicle	Type of vehicle collision					
	With collision				Without collision	Total
	Vehicle/ Pedestrian	Vehicle/ Vehicle	Vehicle/ Object <sup>^</sup>	<i>Sub-total</i>		
<b>Motor vehicles</b>						
<b>Motor cycle</b>						
Number involved in accident	97	1 406	114	<i>1 617</i>	1 061	2 678
Involvement rate :						
per 1,000 vehicles	1.7	24.7	2.0	<i>28.4</i>	18.6	47.1
per million vehicle-kilometres	0.25	3.58	0.29	<i>4.12</i>	2.70	6.82
<b>Private car</b>						
Number involved in accident	1 083	7 620	304	<i>9 007</i>	303	9 310
Involvement rate :						
per 1,000 vehicles	1.9	13.4	0.5	<i>15.8</i>	0.5	16.3
per million vehicle-kilometres	0.17	1.19	0.05	<i>1.41</i>	0.05	1.46
<b>Taxi</b>						
Number involved in accident	550	3 907	144	<i>4 601</i>	209	4 810
Involvement rate :						
per 1,000 vehicles	30.3	215.5	7.9	<i>253.8</i>	11.5	265.3
per million vehicle-kilometres	0.22	1.58	0.06	<i>1.87</i>	0.08	1.95
<b>Public light bus</b>						
Number involved in accident	145	572	20	<i>737</i>	185	922
Involvement rate :						
per 1,000 vehicles	33.5	132.2	4.6	<i>170.3</i>	42.7	213.0
per million vehicle-kilometres	0.39	1.55	0.05	<i>2.00</i>	0.50	2.50
<b>Public bus</b>						
Number involved in accident	147	1 045	45	<i>1 237</i>	1 396	2 633
Involvement rate :						
per 1,000 vehicles	11.1	78.7	3.4	<i>93.2</i>	105.2	198.4
per million vehicle-kilometres	0.19	1.34	0.06	<i>1.59</i>	1.80	3.39
<b>Light goods vehicle</b>						
Number involved in accident	426	2 485	104	<i>3 015</i>	71	3 086
Involvement rate :						
per 1,000 vehicles	5.9	34.3	1.4	<i>41.6</i>	1.0	42.6
per million vehicle-kilometres	0.18	1.06	0.04	<i>1.29</i>	0.03	1.32
<b>Medium &amp; heavy goods vehicles</b>						
Number involved in accident	91	932	33	<i>1 056</i>	37	1 093
Involvement rate :						
per 1,000 vehicles	2.1	21.8	0.8	<i>24.8</i>	0.9	25.6
per million vehicle-kilometres	0.08	0.81	0.03	<i>0.91</i>	0.03	0.95

Figure 3.5 (Cont'd)

Vehicle involvements and involvement rates<sup>^^</sup> by class of vehicle and type of vehicle collision 2019

Class of vehicle	Type of vehicle collision					
	With collision				Without collision	Total
	Vehicle/ Pedestrian	Vehicle/ Vehicle	Vehicle/ Object <sup>^</sup>	<i>Sub-total</i>		
Tram						
Number involved in accident	10	22	1	33	7	40
Involvement rate :						
per 1,000 vehicles	62.1	136.6	6.2	205.0	43.5	248.4
per million vehicle-kilometres	2.35	5.17	0.24	7.76	1.65	9.41
Light rail vehicle						
Number involved in accident	0	5	0	5	1	6
Involvement rate :						
per 1,000 vehicles	0.0	36.0	0.0	36.0	7.2	43.2
per million vehicle-kilometres	0.00	0.69	0.00	0.69	0.14	0.83
Other motor vehicles <sup>+</sup>						
Number involved in accident	50	158	6	214	30	244
Involvement rate :						
per 1,000 vehicles	-	-	-	-	-	-
per million vehicle-kilometres	-	-	-	-	-	-
<i>Sub-total</i>						
<i>Number involved in accident</i>	2 599	18 152	771	21 522	3 300	24 822
<i>Involvement rate :</i>						
<i>per 1,000 vehicles</i>	3.3	23.0	1.0	27.2	4.2	31.4
<i>per million vehicle-kilometres</i>	0.19	1.29	0.05	1.53	0.24	1.77
Non-motor vehicles						
Bicycle	136	483	79	698	1 141	1 839
Handcart	0	5	1	6	0	6
<i>Sub-total</i>	136	488	80	704	1 141	1 845
Unknown	10	4	1	15	7	22
Total	2 745	18 644	852	22 241	4 448	26 689

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.

<sup>^</sup> Including accidents of unknown vehicle collision type.

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