

Figure 3.5

Vehicle involvements and involvement rates<sup>^^</sup> by class of vehicle and type of vehicle collision 2018

Class of vehicle	Type of vehicle collision					
	With collision				Without collision	Total
	Vehicle/ Pedestrian	Vehicle/ Vehicle	Vehicle/ Object <sup>^</sup>	<i>Sub-total</i>		
Motor vehicles						
Motor cycle						
Number involved in accident	84	1 151	105	<i>1 340</i>	1 046	2 386
Involvement rate :						
per 1,000 vehicles	1.5	21.2	1.9	<i>24.6</i>	19.2	43.9
per million vehicle-kilometres	0.23	3.19	0.29	<i>3.71</i>	2.90	6.61
Private car						
Number involved in accident	1 116	7 051	335	<i>8 502</i>	311	8 813
Involvement rate :						
per 1,000 vehicles	2.0	12.6	0.6	<i>15.2</i>	0.6	15.7
per million vehicle-kilometres	0.18	1.14	0.05	<i>1.38</i>	0.05	1.43
Taxi						
Number involved in accident	640	3 439	165	<i>4 244</i>	192	4 436
Involvement rate :						
per 1,000 vehicles	35.3	189.5	9.1	<i>233.9</i>	10.6	244.5
per million vehicle-kilometres	0.25	1.36	0.07	<i>1.67</i>	0.08	1.75
Public light bus						
Number involved in accident	137	565	20	<i>722</i>	236	958
Involvement rate :						
per 1,000 vehicles	31.7	130.6	4.6	<i>166.9</i>	54.5	221.4
per million vehicle-kilometres	0.36	1.48	0.05	<i>1.89</i>	0.62	2.51
Public bus						
Number involved in accident	165	1 078	52	<i>1 295</i>	1 504	2 799
Involvement rate :						
per 1,000 vehicles	12.6	82.4	4.0	<i>99.0</i>	115.0	214.1
per million vehicle-kilometres	0.20	1.32	0.06	<i>1.59</i>	1.85	3.44
Light goods vehicle						
Number involved in accident	475	2 222	101	<i>2 798</i>	98	2 896
Involvement rate :						
per 1,000 vehicles	6.6	30.9	1.4	<i>39.0</i>	1.4	40.3
per million vehicle-kilometres	0.20	0.94	0.04	<i>1.18</i>	0.04	1.22
Medium & heavy goods vehicles						
Number involved in accident	99	889	52	<i>1 040</i>	43	1 083
Involvement rate :						
per 1,000 vehicles	2.3	20.7	1.2	<i>24.3</i>	1.0	25.3
per million vehicle-kilometres	0.08	0.74	0.04	<i>0.86</i>	0.04	0.90

Figure 3.5 (Cont'd)

## Vehicle involvements and involvement rates^^ by class of vehicle and type of vehicle collision 2018

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	15	17	0	32	17	49
Involvement rate :						
per 1,000 vehicles	93.2	105.6	0.0	198.8	105.6	304.3
per million vehicle-kilometres	3.33	3.78	0.00	7.11	3.78	10.89
Light rail vehicle						
Number involved in accident	3	6	0	9	1	10
Involvement rate :						
per 1,000 vehicles	21.6	43.2	0.0	64.7	7.2	71.9
per million vehicle-kilometres	0.37	0.75	0.00	1.12	0.12	1.24
Other motor vehicles <sup>+</sup>						
Number involved in accident	43	139	16	198	33	231
Involvement rate :						
per 1,000 vehicles	-	-	-	-	-	-
per million vehicle-kilometres	-	-	-	-	-	-
<i>Sub-total</i>						
<i>Number involved in accident</i>	2 777	16 557	846	20 180	3 481	23 661
<i>Involvement rate :</i>						
<i>per 1,000 vehicles</i>	3.6	21.3	1.1	26.0	4.5	30.5
<i>per million vehicle-kilometres</i>	0.20	1.19	0.06	1.45	0.25	1.69
Non-motor vehicles						
Bicycle	147	577	41	765	1 177	1 942
Handcart	0	7	0	7	1	8
<i>Sub-total</i>	147	584	41	772	1 178	1 950
Unknown	44	23	4	71	44	115
Total	2 968	17 164	891	21 023	4 703	25 726

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.