

Figure 3.5

Vehicle involvements and involvement rates^{^^} by class of vehicle and type of vehicle collision 2016

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	75	1 146	80	<i>1 301</i>	1 054	2 355
Involvement rate :						
per 1,000 vehicles	1.53	23.34	1.63	<i>26.50</i>	21.47	47.97
per million vehicle-kilometres	0.22	3.38	0.24	<i>3.84</i>	3.11	6.95
Private car						
Number involved in accident	1 237	6 252	379	<i>7 868</i>	339	8 207
Involvement rate :						
per 1,000 vehicles	2.34	11.82	0.72	<i>14.88</i>	0.64	15.52
per million vehicle-kilometres	0.21	1.05	0.06	<i>1.33</i>	0.06	1.38
Taxi						
Number involved in accident	659	3 449	166	<i>4 274</i>	219	4 493
Involvement rate :						
per 1,000 vehicles	36.3	190.0	9.1	<i>235.4</i>	12.1	247.5
per million vehicle-kilometres	0.26	1.35	0.06	<i>1.67</i>	0.09	1.75
Public light bus						
Number involved in accident	162	662	23	<i>847</i>	233	1 080
Involvement rate :						
per 1,000 vehicles	37.3	152.4	5.3	<i>195.0</i>	53.6	248.7
per million vehicle-kilometres	0.39	1.58	0.05	<i>2.02</i>	0.56	2.57
Public bus						
Number involved in accident	168	949	64	<i>1 181</i>	1 541	2 722
Involvement rate :						
per 1,000 vehicles	13.2	74.3	5.0	<i>92.5</i>	120.7	213.1
per million vehicle-kilometres	0.21	1.18	0.08	<i>1.47</i>	1.92	3.39
Light goods vehicle						
Number involved in accident	495	2 255	112	<i>2 862</i>	85	2 947
Involvement rate :						
per 1,000 vehicles	7.00	31.91	1.58	<i>40.50</i>	1.20	41.70
per million vehicle-kilometres	0.22	0.99	0.05	<i>1.25</i>	0.04	1.29
Medium & heavy goods vehicles						
Number involved in accident	124	964	36	<i>1 124</i>	43	1 167
Involvement rate :						
per 1,000 vehicles	2.97	23.05	0.86	<i>26.88</i>	1.03	27.91
per million vehicle-kilometres	0.10	0.79	0.03	<i>0.92</i>	0.04	0.96

Figure 3.5 (Cont'd)

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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	19	18	1	38	12	50
Involvement rate :						
per 1,000 vehicles	118.0	111.8	6.2	236.0	74.5	310.6
per million vehicle-kilometres	3.84	3.64	0.20	7.68	2.43	10.11
Light rail vehicle						
Number involved in accident	5	7	0	12	1	13
Involvement rate :						
per 1,000 vehicles	36.23	50.72	0.00	86.96	7.25	94.20
per million vehicle-kilometres	0.62	0.87	0.00	1.49	0.12	1.61
Other motor vehicles ⁺						
Number involved in accident	54	164	10	228	29	257
Involvement rate :						
per 1,000 vehicles	-	-	-	-	-	-
per million vehicle-kilometres	-	-	-	-	-	-
<i>Sub-total</i>						
<i>Number involved in accident</i>	2 998	15 866	871	19 735	3 556	23 291
<i>Involvement rate :</i>						
<i>per 1,000 vehicles</i>	4.07	21.52	1.18	26.77	4.82	31.59
<i>per million vehicle-kilometres</i>	0.22	1.16	0.06	1.44	0.26	1.70
Non-motor vehicles						
Bicycle	155	617	96	868	1 370	2 238
Handcart	0	19	0	19	1	20
<i>Sub-total</i>	155	636	96	887	1 371	2 258
Unknown	30	13	31	74	35	109
Total	3 183	16 515	998	20 696	4 962	25 658

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 vehicle particular 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 trailer, special purpose vehicle, private light bus, private bus, golf cart, village vehicle and other vehicle types.