

Figure 3.5

Vehicle involvements and involvement rates^{^^} by class of vehicle and type of vehicle collision 2015

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	1 048	112	<i>1 270</i>	1 058	2 328
Involvement rate :						
per 1,000 vehicles	2.38	22.72	2.43	<i>27.53</i>	22.93	50.46
per million vehicle-kilometres	0.34	3.21	0.34	<i>3.89</i>	3.24	7.14
Private car						
Number involved in accident	1 251	5 881	304	<i>7 436</i>	321	7 757
Involvement rate :						
per 1,000 vehicles	2.46	11.55	0.60	<i>14.60</i>	0.63	15.23
per million vehicle-kilometres	0.22	1.05	0.05	<i>1.33</i>	0.06	1.39
Taxi						
Number involved in accident	689	3 244	168	<i>4 101</i>	231	4 332
Involvement rate :						
per 1,000 vehicles	38.2	179.8	9.3	<i>227.3</i>	12.8	240.1
per million vehicle-kilometres	0.27	1.28	0.07	<i>1.62</i>	0.09	1.71
Public light bus						
Number involved in accident	201	652	17	<i>870</i>	235	1 105
Involvement rate :						
per 1,000 vehicles	46.2	150.0	3.9	<i>200.1</i>	54.1	254.2
per million vehicle-kilometres	0.48	1.54	0.04	<i>2.06</i>	0.56	2.61
Public bus						
Number involved in accident	173	954	56	<i>1 183</i>	1 579	2 762
Involvement rate :						
per 1,000 vehicles	13.5	74.6	4.4	<i>92.5</i>	123.5	216.0
per million vehicle-kilometres	0.22	1.20	0.07	<i>1.49</i>	1.99	3.48
Light goods vehicle						
Number involved in accident	459	2 062	97	<i>2 618</i>	90	2 708
Involvement rate :						
per 1,000 vehicles	6.46	29.00	1.36	<i>36.83</i>	1.27	38.09
per million vehicle-kilometres	0.20	0.91	0.04	<i>1.16</i>	0.04	1.20
Medium & heavy goods vehicles						
Number involved in accident	100	874	34	<i>1 008</i>	55	1 063
Involvement rate :						
per 1,000 vehicles	2.39	20.87	0.81	<i>24.07</i>	1.31	25.39
per million vehicle-kilometres	0.08	0.71	0.03	<i>0.82</i>	0.04	0.86

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	14	15	1	30	8	38
Involvement rate :						
per 1,000 vehicles	87.0	93.2	6.2	186.3	49.7	236.0
per million vehicle-kilometres	2.84	3.04	0.20	6.08	1.62	7.71
Light rail vehicle						
Number involved in accident	8	2	0	10	1	11
Involvement rate :						
per 1,000 vehicles	57.97	14.49	0.00	72.46	7.25	79.71
per million vehicle-kilometres	1.00	0.25	0.00	1.25	0.13	1.38
Other motor vehicles ⁺						
Number involved in accident	42	161	13	216	41	257
Involvement rate :						
per 1,000 vehicles	-	-	-	-	-	-
per million vehicle-kilometres	-	-	-	-	-	-
<i>Sub-total</i>						
<i>Number involved in accident</i>	3 047	14 893	802	18 742	3 619	22 361
<i>Involvement rate :</i>						
<i>per 1,000 vehicles</i>	4.26	20.83	1.12	26.22	5.06	31.28
<i>per million vehicle-kilometres</i>	0.23	1.12	0.06	1.41	0.27	1.68
Non-motor vehicles						
Bicycle	155	655	142	952	1 733	2 685
Handcart	1	13	0	14	0	14
<i>Sub-total</i>	156	668	142	966	1 733	2 699
Unknown	18	30	58	106	19	125
Total	3 221	15 591	1 002	19 814	5 371	25 185

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.