

Figure 3.5

Vehicle involvements and involvement rates^{^^} by class of vehicle and type of vehicle collision 2017

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	97	1 096	79	1 272	1 008	2 280
Involvement rate :						
per 1,000 vehicles	1.88	21.24	1.53	24.65	19.54	44.19
per million vehicle-kilometres	0.27	3.05	0.22	3.54	2.80	6.34
Private car						
Number involved in accident	1 149	6 807	337	8 293	314	8 607
Involvement rate :						
per 1,000 vehicles	2.11	12.47	0.62	15.20	0.58	15.77
per million vehicle-kilometres	0.19	1.13	0.06	1.38	0.05	1.43
Taxi						
Number involved in accident	621	3 359	165	4 145	214	4 359
Involvement rate :						
per 1,000 vehicles	34.2	185.1	9.1	228.5	11.8	240.2
per million vehicle-kilometres	0.25	1.36	0.07	1.68	0.09	1.76
Public light bus						
Number involved in accident	152	581	26	759	251	1 010
Involvement rate :						
per 1,000 vehicles	35.0	133.8	6.0	174.8	57.8	232.6
per million vehicle-kilometres	0.38	1.47	0.07	1.92	0.64	2.56
Public bus						
Number involved in accident	138	1 064	40	1 242	1 484	2 726
Involvement rate :						
per 1,000 vehicles	10.7	82.2	3.1	96.0	114.7	210.6
per million vehicle-kilometres	0.17	1.34	0.05	1.56	1.87	3.43
Light goods vehicle						
Number involved in accident	444	2 142	99	2 685	105	2 790
Involvement rate :						
per 1,000 vehicles	6.27	30.24	1.40	37.91	1.48	39.39
per million vehicle-kilometres	0.20	0.94	0.04	1.18	0.05	1.23
Medium & heavy goods vehicles						
Number involved in accident	92	975	29	1 096	66	1 162
Involvement rate :						
per 1,000 vehicles	2.17	23.02	0.68	25.88	1.56	27.44
per million vehicle-kilometres	0.07	0.79	0.02	0.89	0.05	0.94

Figure 3.5 (Cont'd)

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	With collision				Without collision	Total
	Vehicle/ Pedestrian	Vehicle/ Vehicle	Vehicle/ Object [^]	<i>Sub-total</i>		
Tram						
Number involved in accident	17	26	0	43	17	60
Involvement rate :						
per 1,000 vehicles	105.6	161.5	0.0	267.1	105.6	372.7
per million vehicle-kilometres	3.61	5.52	0.00	9.12	3.61	12.73
Light rail vehicle						
Number involved in accident	5	3	0	8	2	10
Involvement rate :						
per 1,000 vehicles	35.97	21.58	0.00	57.55	14.39	71.94
per million vehicle-kilometres	0.62	0.37	0.00	0.99	0.25	1.24
Other motor vehicles ⁺						
Number involved in accident	50	121	13	184	24	208
Involvement rate :						
per 1,000 vehicles	-	-	-	-	-	-
per million vehicle-kilometres	-	-	-	-	-	-
<i>Sub-total</i>						
<i>Number involved in accident</i>	2 765	16 174	788	19 727	3 485	23 212
<i>Involvement rate :</i>						
<i>per 1,000 vehicles</i>	3.65	21.35	1.04	26.04	4.60	30.63
<i>per million vehicle-kilometres</i>	0.20	1.18	0.06	1.44	0.26	1.70
Non-motor vehicles						
Bicycle	170	570	75	815	1 246	2 061
Handcart	0	14	0	14	1	15
<i>Sub-total</i>	170	584	75	829	1 247	2 076
Unknown	29	22	5	56	28	84
Total	2 964	16 780	868	20 612	4 760	25 372

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.