

Figure 3.5

Vehicle involvements and involvement rates^{^^} by class of vehicle and type of vehicle collision 2020

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	103	1 629	125	<i>1 857</i>	1 146	3 003
Involvement rate :						
per 1,000 vehicles	1.7	26.5	2.0	<i>30.2</i>	18.6	48.8
per million vehicle-kilometres	0.22	3.49	0.27	<i>3.98</i>	2.46	6.44
Private car						
Number involved in accident	853	7 404	294	<i>8 551</i>	344	8 895
Involvement rate :						
per 1,000 vehicles	1.5	12.9	0.5	<i>14.9</i>	0.6	15.5
per million vehicle-kilometres	0.13	1.17	0.05	<i>1.35</i>	0.05	1.40
Taxi						
Number involved in accident	401	3 193	109	<i>3 703</i>	154	3 857
Involvement rate :						
per 1,000 vehicles	22.2	176.7	6.0	<i>205.0</i>	8.5	213.5
per million vehicle-kilometres	0.19	1.51	0.05	<i>1.75</i>	0.07	1.82
Public light bus						
Number involved in accident	118	422	12	<i>552</i>	117	669
Involvement rate :						
per 1,000 vehicles	27.4	98.0	2.8	<i>128.2</i>	27.2	155.4
per million vehicle-kilometres	0.36	1.29	0.04	<i>1.69</i>	0.36	2.04
Public bus						
Number involved in accident	92	678	18	<i>788</i>	932	1 720
Involvement rate :						
per 1,000 vehicles	7.0	51.4	1.4	<i>59.7</i>	70.6	130.3
per million vehicle-kilometres	0.15	1.10	0.03	<i>1.27</i>	1.51	2.78
Light goods vehicle						
Number involved in accident	333	2 195	81	<i>2 609</i>	100	2 709
Involvement rate :						
per 1,000 vehicles	4.5	29.9	1.1	<i>35.6</i>	1.4	37.0
per million vehicle-kilometres	0.15	0.96	0.04	<i>1.14</i>	0.04	1.19
Medium & heavy goods vehicles						
Number involved in accident	78	848	26	<i>952</i>	56	1 008
Involvement rate :						
per 1,000 vehicles	1.9	20.1	0.6	<i>22.6</i>	1.3	23.9
per million vehicle-kilometres	0.07	0.77	0.02	<i>0.86</i>	0.05	0.91

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	9	15	0	24	8	32
Involvement rate :						
per 1,000 vehicles	55.9	93.2	0.0	149.1	49.7	198.8
per million vehicle-kilometres	1.99	3.32	0.00	5.31	1.77	7.08
Light rail vehicle						
Number involved in accident	1	2	0	3	0	3
Involvement rate :						
per 1,000 vehicles	7.2	14.4	0.0	21.6	0.0	21.6
per million vehicle-kilometres	0.14	0.27	0.00	0.41	0.00	0.41
Other motor vehicles ⁺						
Number involved in accident	21	118	7	146	21	167
Involvement rate :						
per 1,000 vehicles	-	-	-	-	-	-
per million vehicle-kilometres	-	-	-	-	-	-
<i>Sub-total</i>						
<i>Number involved in accident</i>	2 009	16 504	672	19 185	2 878	22 063
<i>Involvement rate :</i>						
<i>per 1,000 vehicles</i>	2.5	20.7	0.8	24.1	3.6	27.7
<i>per million vehicle-kilometres</i>	0.15	1.24	0.05	1.44	0.22	1.65
Non-motor vehicles						
Bicycle	157	764	56	977	1 970	2 947
Handcart	0	15	0	15	0	15
<i>Sub-total</i>	157	779	56	992	1 970	2 962
Unknown	17	5	3	25	9	34
Total	2 183	17 288	731	20 202	4 857	25 059

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.