

Figure 3.5

Vehicle involvements and involvement rates[^] by class of vehicle and type of vehicle collision 2023

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	108	1 547	171	<i>1 826</i>	975	2 801
Involvement rate :						
per 1,000 vehicles	1.4	20.6	2.3	<i>24.4</i>	13.0	37.4
per million vehicle-kilometres	0.22	3.17	0.35	<i>3.75</i>	2.00	5.75
Private car						
Number involved in accident	966	9 242	486	<i>10 694</i>	373	11 067
Involvement rate :						
per 1,000 vehicles	1.7	15.9	0.8	<i>18.4</i>	0.6	19.1
per million vehicle-kilometres	0.14	1.31	0.07	<i>1.52</i>	0.05	1.57
Taxi						
Number involved in accident	562	4 305	145	<i>5 012</i>	253	5 265
Involvement rate :						
per 1,000 vehicles	31.5	241.4	8.1	<i>281.0</i>	14.2	295.2
per million vehicle-kilometres	0.23	1.76	0.06	<i>2.05</i>	0.10	2.15
Public light bus						
Number involved in accident	144	467	12	<i>623</i>	168	791
Involvement rate :						
per 1,000 vehicles	34.9	113.3	2.9	<i>151.1</i>	40.8	191.9
per million vehicle-kilometres	0.45	1.47	0.04	<i>1.96</i>	0.53	2.49
Public bus						
Number involved in accident	133	860	32	<i>1 025</i>	1 029	2 054
Involvement rate :						
per 1,000 vehicles	10.8	69.6	2.6	<i>83.0</i>	83.3	166.2
per million vehicle-kilometres	0.17	1.11	0.04	<i>1.32</i>	1.32	2.64
Light goods vehicle						
Number involved in accident	390	2 660	87	<i>3 137</i>	111	3 248
Involvement rate :						
per 1,000 vehicles	5.2	35.2	1.2	<i>41.5</i>	1.5	43.0
per million vehicle-kilometres	0.16	1.11	0.04	<i>1.31</i>	0.05	1.36
Medium & heavy goods vehicles						
Number involved in accident	94	922	18	<i>1 034</i>	39	1 073
Involvement rate :						
per 1,000 vehicles	2.3	22.6	0.4	<i>25.3</i>	1.0	26.3
per million vehicle-kilometres	0.09	0.87	0.02	<i>0.97</i>	0.04	1.01

Figure 3.5 (Cont'd)

Vehicle involvements and involvement rates^{^^} by class of vehicle and type of vehicle collision 2023

Class of vehicle	Type of vehicle collision					
	With collision				Without collision	Total
	Vehicle/ Pedestrian	Vehicle/ Vehicle	Vehicle/ Object [^]	<i>Sub-total</i>		
Private light bus						
Number involved in accident	14	62	2	78	12	90
Involvement rate :						
per 1,000 vehicles	4.1	18.2	0.6	22.8	3.5	26.4
per million vehicle-kilometres	0.10	0.44	0.01	0.55	0.09	0.64
Tram						
Number involved in accident	11	26	0	37	10	47
Involvement rate :						
per 1,000 vehicles	68.3	161.5	0.0	229.8	62.1	291.9
per million vehicle-kilometres	2.62	6.18	0.00	8.80	2.38	11.18
Light rail vehicle						
Number involved in accident	1	3	0	4	0	4
Involvement rate :						
per 1,000 vehicles	6.8	20.4	0.0	27.2	0.0	27.2
per million vehicle-kilometres	0.15	0.44	0.00	0.59	0.00	0.59
Other motor vehicles ⁺						
Number involved in accident	20	122	9	151	23	174
Involvement rate :						
per 1,000 vehicles	-	-	-	-	-	-
per million vehicle-kilometres	-	-	-	-	-	-
<i>Sub-total</i>						
<i>Number involved in accident</i>	2 443	20 216	962	23 621	2 993	26 614
<i>Involvement rate :</i>						
<i>per 1,000 vehicles</i>	3.0	24.7	1.2	28.8	3.7	32.5
<i>per million vehicle-kilometres</i>	0.17	1.38	0.07	1.61	0.20	1.82
Non-motor vehicles						
Bicycle	176	586	130	892	1 237	2 129
Handcart	0	2	0	2	0	2
<i>Sub-total</i>	176	588	130	894	1 237	2 131
Unknown	23	21	2	46	17	63
Total	2 642	20 825	1 094	24 561	4 247	28 808

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 (as at mid-year) 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 bus, golf cart and village vehicle.