

Figure 3.1

Motor vehicle involvements and involvement rates by selected class of motor vehicle (2003 - 2013)

Selected class of motor vehicle	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Motor cycle											
No. involved in accident	2 736	2 742	2 835	2 791	2 927	2 613	2 556	2 428	2 328	2 245	2 222
No. licensed (mid-year)	29 163	31 265	33 456	34 869	36 142	37 372	37 667	37 809	38 226	38 882	40 608
Annual veh-km (in millions)	298	295	304	298	319	328	322	305	299	301	291
Invol rate : per 1,000 vehicles	93.8	87.7	84.7	80.0	81.0	69.9	67.9	64.2	60.9	57.7	54.7
per million veh-km	9.18	9.29	9.34	9.38	9.16	7.96	7.94	7.97	7.79	7.45	7.63
Private car											
No. involved in accident	6 282	6 279	6 303	6 211	6 450	5 927	6 085	6 255	6 591	6 859	7 093
No. licensed (mid-year)	338 534	341 760	348 018	355 246	363 689	379 399	385 675	402 490	424 758	443 442	464 595
Annual veh-km (in millions)	4 245	4 137	4 087	4 201	4 442	4 453	4 537	4 665	4 883	5 002	5 315
Invol rate : per 1,000 vehicles	18.6	18.4	18.1	17.5	17.7	15.6	15.8	15.5	15.5	15.5	15.3
per million veh-km	1.48	1.52	1.54	1.48	1.45	1.33	1.34	1.34	1.35	1.37	1.33
Taxi											
No. involved in accident	3 397	3 457	3 752	3 744	4 004	3 926	3 801	4 053	4 259	4 240	4 395
No. licensed (mid-year)	17 997	18 108	17 961	18 026	18 045	18 084	18 126	18 129	18 126	18 128	18 114
Annual veh-km (in millions)	1 719	1 797	1 880	1 991	2 102	2 135	2 130	2 200	2 305	2 343	2 399
Invol rate : per 1,000 vehicles	188.8	190.9	208.9	207.7	221.9	217.1	209.7	223.6	235.0	233.9	242.6
per million veh-km	1.98	1.92	2.00	1.88	1.91	1.84	1.78	1.84	1.85	1.81	1.83
Public light bus											
No. involved in accident	1 008	1 154	1 132	1 069	1 173	1 080	1 110	1 146	1 142	1 067	1 128
No. licensed (mid-year)	4 338	4 331	4 334	4 347	4 349	4 346	4 349	4 346	4 347	4 344	4 348
Annual veh-km (in millions)	350	356	364	378	387	380	377	364	367	342	335
Invol rate : per 1,000 vehicles	232.4	266.5	261.2	245.9	269.7	248.5	255.2	263.7	262.7	245.6	259.4
per million veh-km	2.88	3.25	3.11	2.83	3.03	2.84	2.94	3.15	3.11	3.12	3.36
Public bus[^]											
No. involved in accident	2 219	2 407	2 379	2 393	2 649	2 463	2 322	2 442	2 629	2 693	2 847
No. licensed (mid-year)	12 875	12 867	12 812	12 796	12 803	12 803	12 757	12 729	12 766	12 822	12 701
Annual veh-km (in millions)	838	836	846	872	878	876	857	834	844	849	860
Invol rate : per 1,000 vehicles	172.3	187.1	185.7	187.0	206.9	192.4	182.0	191.8	205.9	210.0	224.2
per million veh-km	2.65	2.88	2.81	2.74	3.02	2.81	2.71	2.93	3.11	3.17	3.31
Light goods vehicle											
No. involved in accident	2 728	2 822	3 008	2 919	2 952	2 806	2 527	2 726	2 689	2 637	2 706
No. licensed (mid-year)	68 275	67 995	68 266	69 054	69 363	69 464	68 123	69 276	69 563	70 789	72 694
Annual veh-km (in millions)	2 194	2 205	2 247	2 316	2 396	2 367	2 256	2 285	2 288	2 263	2 250
Invol rate : per 1,000 vehicles	40.0	41.5	44.1	42.3	42.6	40.4	37.1	39.3	38.7	37.3	37.2
per million veh-km	1.24	1.28	1.34	1.26	1.23	1.19	1.12	1.19	1.18	1.17	1.20
Medium & heavy goods vehicles											
No. involved in accident	1 108	1 197	1 180	1 155	1 081	1 045	907	1 031	1 141	1 105	1 085
No. licensed (mid-year)	41 761	42 106	42 549	42 261	41 659	40 857	39 079	39 813	40 719	40 809	41 688
Annual veh-km (in millions)	1 398	1 344	1 333	1 347	1 323	1 311	1 191	1 249	1 257	1 254	1 269
Invol rate : per 1,000 vehicles	26.5	28.4	27.7	27.3	25.9	25.6	23.2	25.9	28.0	27.1	26.0
per million veh-km	0.79	0.89	0.89	0.86	0.82	0.80	0.76	0.83	0.91	0.88	0.85

Figure 3.1 (Cont'd)

Motor vehicle involvements and involvement rates by selected class of motor vehicle (2003 - 2013)

Selected class of motor vehicle	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Tram											
No. involved in accident	99	100	77	68	68	67	76	75	59	44	59
No. licensed (mid-year)	161	161	161	161	161	161	161	161	161	161	161
Annual veh-km (in millions)	5.95	6.06	6.31	5.96	5.81	5.89	6.07	5.82	5.43	5.15	5.20
Invol rate : per 1,000 vehicles	614.9	621.1	478.3	422.4	422.4	416.1	472.0	465.8	366.5	273.3	366.5
per million veh-km	16.64	16.51	12.20	11.41	11.71	11.38	12.52	12.90	10.86	8.54	11.35
Light rail vehicle											
No. involved in accident	21	23	12	19	15	10	8	15	11	13	21
No. licensed (mid-year)	119	119	119	119	119	119	119	125	132	139	139
Annual veh-km (in millions) ⁺	10.73	11.29	11.09	10.04	9.53	7.46	7.36	7.54	7.72	7.75	7.72
Invol rate : per 1,000 vehicles	176.5	193.3	100.8	159.7	126.1	84.0	67.2	120.0	83.3	93.5	151.1
per million veh-km	1.96	2.04	1.08	1.89	1.57	1.34	1.09	1.99	1.42	1.68	2.72
All motor vehicles[~]											
No. involved in accident	19 743	20 355	20 850	20 540	21 517	20 132	19 608	20 407	21 078	21 175	21 833
No. licensed (mid-year)	522 912	528 172	537 124	546 409	555 861	572 231	575 686	594 723	618 774	639 705	665 643
Annual veh-km (in millions)	11 190	11 109	11 193	11 521	11 973	11 969	11 785	12 014	12 344	12 460	12 836
Invol rate : per 1,000 vehicles	37.8	38.5	38.8	37.6	38.7	35.2	34.1	34.3	34.1	33.1	32.8
per million veh-km	1.76	1.83	1.86	1.78	1.80	1.68	1.66	1.70	1.71	1.70	1.70

Notes : ^ Public buses include franchised public bus & non-franchised public bus.

+ Before the rail merger on 2.12.2007, the vehicle km figures for light rail vehicle were the total km travelled by all cars. From the rail merger on 2.12.2007 onwards, the vehicle km figures for light rail vehicle are the total km travelled by all trains. Hence the figures after the merger are not strictly comparable with those of earlier figures. Caution should be taken when interpreting some of the figures of comparison.

~ The figures for "All motor vehicles" include trailer, special purpose vehicle, private light bus, private bus, golf cart and village vehicle which are not separately shown.