

Figure 3.1

Motor vehicle involvements and involvement rates by selected class of motor vehicle (1999 - 2009)

Class of motor vehicle	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Motor cycle											
No. involved in accident	2 561	2 724	2 914	2 718	2 736	2 742	2 835	2 791	2 927	2 613	2 556
No. licensed (mid-year)	23 737	24 683	26 200	27 397	29 163	31 265	33 456	34 869	36 142	37 372	37 667
Annual veh-km (in millions)	243	247	265	274	298	295	304	298	319	328	322
Invol rate : per 1,000 vehicles	107.9	110.4	111.2	99.2	93.8	87.7	84.7	80.0	81.0	69.9	67.9
per million veh-km	10.54	11.03	11.00	9.92	9.18	9.29	9.34	9.38	9.16	7.96	7.94
Private car											
No. involved in accident	7 227	7 461	7 433	7 508	6 282	6 279	6 303	6 211	6 450	5 927	6 085
No. licensed (mid-year)	317 616	327 581	337 279	340 801	338 534	341 760	348 018	355 246	363 689	379 399	385 675
Annual veh-km (in millions)	4 208	4 487	4 377	4 429	4 245	4 137	4 087	4 201	4 442	4 453	4 537
Invol rate : per 1,000 vehicles	22.8	22.8	22.0	22.0	18.6	18.4	18.1	17.5	17.7	15.6	15.8
per million veh-km	1.72	1.66	1.70	1.70	1.48	1.52	1.54	1.48	1.45	1.33	1.34
Public light bus											
No. involved in accident	1 049	1 055	1 040	1 098	1 008	1 154	1 132	1 069	1 173	1 080	1 110
No. licensed (mid-year)	4 343	4 339	4 341	4 342	4 338	4 331	4 334	4 347	4 349	4 346	4 349
Annual veh-km (in millions)	341	373	365	366	350	356	364	378	387	380	377
Invol rate : per 1,000 vehicles	241.5	243.1	239.6	252.9	232.4	266.5	261.2	245.9	269.7	248.5	255.2
per million veh-km	3.08	2.83	2.85	3.00	2.88	3.25	3.11	2.83	3.03	2.84	2.94
Light goods vehicle											
No. involved in accident	3 114	3 232	3 041	3 117	2 728	2 822	3 008	2 919	2 952	2 806	2 527
No. licensed (mid-year)	74 602	73 285	71 645	70 053	68 275	67 995	68 266	69 054	69 363	69 464	68 123
Annual veh-km (in millions)	1 244	2343 #	2 349	2 248	2 194	2 205	2 247	2 316	2 396	2 367	2 256
Invol rate : per 1,000 vehicles	41.7	44.1	42.4	44.5	40.0	41.5	44.1	42.3	42.6	40.4	37.1
per million veh-km	2.50	1.38 #	1.29	1.39	1.24	1.28	1.34	1.26	1.23	1.19	1.12
Medium & heavy goods vehicles											
No. involved in accident	1 235	1 217	1 185	1 249	1 108	1 197	1 180	1 155	1 081	1 045	907
No. licensed (mid-year)	39 245	41 390	42 036	41 725	41 761	42 106	42 549	42 261	41 659	40 857	39 079
Annual veh-km (in millions)	2 366	1365 #	1 349	1 457	1 398	1 344	1 333	1 347	1 323	1 311	1 191
Invol rate : per 1,000 vehicles	31.5	29.4	28.2	29.9	26.5	28.4	27.7	27.3	25.9	25.6	23.2
per million veh-km	0.52	0.89 #	0.88	0.86	0.79	0.89	0.89	0.86	0.82	0.80	0.76
Public bus*											
No. involved in accident	2 265	2 288	2 445	2 380	2 219	2 407	2 379	2 393	2 649	2 463	2 322
No. licensed (mid-year)	11 533	11 836	12 322	12 724	12 875	12 867	12 812	12 796	12 803	12 803	12 757
Annual veh-km (in millions)	646	769	818	853	838	836	846	872	878	876	857
Invol rate : per 1,000 vehicles	196.4	193.3	198.4	187.0	172.3	187.1	185.7	187.0	206.9	192.4	182.0
per million veh-km	3.51	2.98	2.99	2.79	2.65	2.88	2.81	2.74	3.02	2.81	2.71
Taxi											
No. involved in accident	3 101	3 274	3 706	3 617	3 397	3 457	3 752	3 744	4 004	3 926	3 801
No. licensed (mid-year)	18 030	17 997	18 074	18 054	17 997	18 108	17 961	18 026	18 045	18 084	18 126
Annual veh-km (in millions)	1 757	1 843	1 822	1 793	1 719	1 797	1 880	1 991	2 102	2 135	2 130
Invol rate : per 1,000 vehicles	172	181.9	205	200.3	188.8	190.9	208.9	207.7	221.9	217.1	209.7
per million veh-km	1.76	1.78	2.03	2.02	1.98	1.92	2.00	1.88	1.91	1.84	1.78

Figure 3.1 (Cont'd)

Motor vehicle involvements and involvement rates by selected class of motor vehicle (1999 - 2009)

Class of motor vehicle	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Tram											
No. involved in accident	88	76	85	84	99	100	77	68	68	67	76
No. licensed (mid-year)	161	161	161	161	161	161	161	161	161	161	161
Annual veh-km (in millions)	6.4	6.2	6.3	6.1	6.0	6.1	6.3	6.0	5.8	5.9	6.1
Invol rate : per 1,000 vehicles	546.6	472.0	528.0	521.7	614.9	621.1	478.3	422.4	422.4	416.1	472.0
per million veh-km	13.66	12.17	13.44	13.83	16.64	16.51	12.20	11.41	11.71	11.38	12.52
Light rail vehicle											
No. involved in accident	32	25	12	27	21	23	12	19	15	10	8
No. licensed (mid-year)	119	119	119	119	119	119	119	119	119	119	119
Annual veh-km (in millions) [@]	10.3	10.7	10.7	10.8	10.7	11.3	11.1	10.0	9.5	7.5	7.4
Invol rate : per 1,000 vehicles	268.9	210.1	100.8	226.9	176.5	193.3	100.8	159.7	126.1	84.0	67.2
per million veh-km	3.12	2.34	1.12	2.51	1.96	2.04	1.08	1.89	1.57	1.34	1.09
All motor vehicles[^]											
No. involved in accident	20 842	21 530	22 057	21 967	19 743	20 355	20 850	20 540	21 517	20 132	19 608
No. licensed (mid-year)	499 380	511 460	522 125	525 111	522 912	528 172	537 124	546 409	555 861	572 231	575 686
Annual veh-km (in millions)	11 040	11 639	11 509	11 576	11 190	11 109	11 193	11 521	11 973	11 969	11 785
Invol rate : per 1,000 vehicles	41.7	42.1	42.2	41.8	37.8	38.5	38.8	37.6	38.7	35.2	34.1
per million veh-km	1.89	1.85	1.92	1.90	1.76	1.83	1.86	1.78	1.80	1.68	1.66

Notes : # Definitions of "Light goods vehicle" and "Medium & heavy goods vehicles" changed in the Vehicle Classification System with effect from 2000. Hence, the veh-km figures for goods vehicles on or after 2000 are not comparable with those before 2000.

* 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.