

Figure 3.1

Motor vehicle involvements and involvement rates by selected class of motor vehicle (1998 - 2008)

Class of motor vehicle	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Motor cycle											
No. involved in accident	2 354	2 561	2 724	2 914	2 718	2 736	2 742	2 835	2 791	2 927	2 613
No. licensed (mid-year)	23 329	23 737	24 683	26 200	27 397	29 163	31 265	33 456	34 869	36 142	37 372
Annual veh-km (in millions)	245	243	247	265	274	298	295	304	298	319	328
Invol rate : per 1,000 vehicles	100.9	107.9	110.4	111.2	99.2	93.8	87.7	84.7	80.0	81.0	69.9
per million veh-km	9.61	10.54	11.03	11.00	9.92	9.18	9.29	9.34	9.38	9.16	7.96
Private car											
No. involved in accident	7 145	7 227	7 461	7 433	7 508	6 282	6 279	6 303	6 211	6 450	5 927
No. licensed (mid-year)	318 350	317 616	327 581	337 279	340 801	338 534	341 760	348 018	355 246	363 689	379 399
Annual veh-km (in millions)	4 127	4 208	4 487	4 377	4 429	4 245	4 137	4 087	4 201	4 442	4 453
Invol rate : per 1,000 vehicles	22.4	22.8	22.8	22.0	22.0	18.6	18.4	18.1	17.5	17.7	15.6
per million veh-km	1.73	1.72	1.66	1.70	1.70	1.48	1.52	1.54	1.48	1.45	1.33
Public light bus											
No. involved in accident	926	1 049	1 055	1 040	1 098	1 008	1 154	1 132	1 069	1 173	1 080
No. licensed (mid-year)	4 340	4 343	4 339	4 341	4 342	4 338	4 331	4 334	4 347	4 349	4 346
Annual veh-km (in millions)	332	341	373	365	366	350	356	364	378	387	380
Invol rate : per 1,000 vehicles	213.4	241.5	243.1	239.6	252.9	232.4	266.5	261.2	245.9	269.7	248.5
per million veh-km	2.79	3.08	2.83	2.85	3.00	2.88	3.25	3.11	2.83	3.03	2.84
Light goods vehicle											
No. involved in accident	3 075	3 114	3 232	3 041	3 117	2 728	2 822	3 008	2 919	2 952	2 806
No. licensed (mid-year)	77 930	74 602	73 285	71 645	70 053	68 275	67 995	68 266	69 054	69 363	69 464
Annual veh-km (in millions)	1 227	1 244	2343 #	2 349	2 248	2 194	2 205	2 247	2 316	2 396	2 367
Invol rate : per 1,000 vehicles	39.5	41.7	44.1	42.4	44.5	40.0	41.5	44.1	42.3	42.6	40.4
per million veh-km	2.51	2.50	1.38 #	1.29	1.39	1.24	1.28	1.34	1.26	1.23	1.19
Medium & heavy goods vehicles											
No. involved in accident	1 218	1 235	1 217	1 185	1 249	1 108	1 197	1 180	1 155	1 081	1 045
No. licensed (mid-year)	39 569	39 245	41 390	42 036	41 725	41 761	42 106	42 549	42 261	41 659	40 857
Annual veh-km (in millions)	2 371	2 366	1365 #	1 349	1 457	1 398	1 344	1 333	1 347	1 323	1 311
Invol rate : per 1,000 vehicles	30.8	31.5	29.4	28.2	29.9	26.5	28.4	27.7	27.3	25.9	25.6
per million veh-km	0.51	0.52	0.89 #	0.88	0.86	0.79	0.89	0.89	0.86	0.82	0.80
Public bus*											
No. involved in accident	1 749	2 265	2 288	2 445	2 380	2 219	2 407	2 379	2 393	2 649	2 463
No. licensed (mid-year)	11 039	11 533	11 836	12 322	12 724	12 875	12 867	12 812	12 796	12 803	12 803
Annual veh-km (in millions)	628	646	769	818	853	838	836	846	872	878	876
Invol rate : per 1,000 vehicles	158.4	196.4	193.3	198.4	187.0	172.3	187.1	185.7	187.0	206.9	192.4
per million veh-km	2.79	3.51	2.98	2.99	2.79	2.65	2.88	2.81	2.74	3.02	2.81
Taxi											
No. involved in accident	3 181	3 101	3 274	3 706	3 617	3 397	3 457	3 752	3 744	4 004	3 926
No. licensed (mid-year)	17 983	18 030	17 997	18 074	18 054	17 997	18 108	17 961	18 026	18 045	18 084
Annual veh-km (in millions)	1 789	1 757	1 843	1 822	1 793	1 719	1 797	1 880	1 991	2 102	2 135
Invol rate : per 1,000 vehicles	176.9	172	181.9	205	200.3	188.8	190.9	208.9	207.7	221.9	217.1
per million veh-km	1.78	1.76	1.78	2.03	2.02	1.98	1.92	2.00	1.88	1.91	1.84

Figure 3.1 (Cont'd)

Motor vehicle involvements and involvement rates by selected class of motor vehicle (1998 - 2008)

Class of motor vehicle	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Tram											
No. involved in accident	91	88	76	85	84	99	100	77	68	68	67
No. licensed (mid-year)	161	161	161	161	161	161	161	161	161	161	161
Annual veh-km (in millions)	6.7	6.4	6.2	6.3	6.1	6.0	6.1	6.3	6.0	5.8	5.9
Invol rate : per 1,000 vehicles	565.2	546.6	472.0	528.0	521.7	614.9	621.1	478.3	422.4	422.4	416.1
per million veh-km	13.60	13.66	12.17	13.44	13.83	16.64	16.51	12.20	11.41	11.71	11.38
Light rail vehicle											
No. involved in accident	17	32	25	12	27	21	23	12	19	15	10
No. licensed (mid-year)	119	119	119	119	119	119	119	119	119	119	119
Annual veh-km (in millions) [@]	10.3	10.3	10.7	10.7	10.8	10.7	11.3	11.1	10.0	9.5	7.5
Invol rate : per 1,000 vehicles	142.9	268.9	210.1	100.8	226.9	176.5	193.3	100.8	159.7	126.1	84.0
per million veh-km	1.65	3.12	2.34	1.12	2.51	1.96	2.04	1.08	1.89	1.57	1.34
All motor vehicles[^]											
No. involved in accident	20 152	20 842	21 530	22 057	21 967	19 743	20 355	20 850	20 540	21 517	20 132
No. licensed (mid-year)	502 994	499 380	511 460	522 125	525 111	522 912	528 172	537 124	546 409	555 861	572 231
Annual veh-km (in millions)	10 944	11 040	11 639	11 509	11 576	11 190	11 109	11 193	11 521	11 973	11 969
Invol rate : per 1,000 vehicles	40.1	41.7	42.1	42.2	41.8	37.8	38.5	38.8	37.6	38.7	35.2
per million veh-km	1.84	1.89	1.85	1.92	1.90	1.76	1.83	1.86	1.78	1.80	1.68

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 bus & non-franchised buses.

@ 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.