

## SECTION 7 - TRAFFIC ACCIDENTS

This section provides some general statistics on the injury road traffic accidents occurred in Hong Kong and the casualties as a result of them. The traffic injury accident data collected by the Police are coded and stored in a Traffic Accident Database System (TRADS) which is managed by the Road Safety and Standards Division of the Transport Department.

The Road Safety and Standards Division uses these data to identify locations of accident blackspots for investigations and remedial measures. The database also serves as an important reference and basis in the formulation of road safety strategies, publicity/education programmes and in the review of road safety legislation and policies.

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**Table 7.1 Injury Road Traffic Accidents By Class Of Vehicle Involved 1990-1999**

(unit in no. of accidents)

Accidents involving:	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
All classes of vehicles	15 255	15 327	15 322	15 469	15 440	14 812	14 397	14 776	14 014	14 714
All motor vehicles	14 940	14 961	15 010	15 103	14 971	14 325	13 816	14 136	13 414	13 798
Motor cycle	2 189	2 610	2 556	2 617	2 632	2 722	2 731	2 676	2 317	2 528
Private car	5 330	5 745	5 981	6 287	6 450	6 137	5 790	5 995	5 836	5 925
Public light bus	985	931	951	886	892	787	977	950	891	995
Light goods vehicle	4 404	4 335	4 080	3 966	3 767	3 358	3 034	3 111	2 776	2 801
Medium goods vehicle	1 038	933	1 111	1 124	1 175	1 101	1 026	1 095	969	976
Heavy goods vehicle	79	59	35	58	77	64	67	78	66	84
(All goods vehicles)	(5 163)	(4 993)	(4 863)	(4 784)	(4 651)	(4 202)	(3 868)	(4 000)	(3 524)	(3 561)
Franchised Public bus	1 350	1 306	1 384	1 320	1 351	1 438	1 463	1 573	1 593	1 802
Non Franchised Public bus	122	101	107	143	102	94	89	103	99	380
Taxi	3 715	3 648	3 668	3 485	3 290	3 019	2 982	3 045	2 865	2 819
Tram	157	140	144	148	121	101	88	73	84	83
Light rail vehicle	19	20	29	21	16	18	15	15	16	30
Bicycle	388	451	501	569	645	638	687	782	837	1 260

Note: In a single accident, there may be more than one class of vehicle involved.

**Table 7.2 Accident Involvement By Class Of Motor Vehicle 1990-1999**

(unit in no. of vehicles involved)

Class of motor vehicle	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Motor cycle	2 217	2 649	2 593	2 647	2 683	2 761	2 779	2 718	2 354	2561
Private car	6 355	6 833	7 231	7 717	7 984	7 634	7 283	7 460	7 145	7227
Public light bus	1 030	977	988	930	930	816	1 027	982	926	1049
Light goods vehicle	5 128	4 982	4 765	4 494	4 246	3 772	3 372	3 490	3 075	3114
Medium & heavy goods vehicles	1 235	1 103	1 288	1 383	1 452	1 408	1 270	1 330	1 218	1235
Franchised Public bus	1 383	1 332	1 428	1 354	1 387	1 473	1 506	1 631	1 645	1 871#
Non-franchised Public bus	126	102	110	148	106	95	90	105	104	394#
Taxi	4 165	4 070	4 131	3 885	3 683	3 350	3 336	3 346	3 181	3101
All motor vehicles *	22 657	22 704	23 112	23 140	23 054	21 918	21 160	21 568	20 152	20844

Note : \* All motor vehicles exclude bicycles, handcarts and unknown.

# The sudden rise was probably due to change of vehicle class recognition from being visually distinguished by Police officers to direct extraction from Valid III through matching of the vehicle registration number.

Table 7.3 Age Of Road Traffic Casualties By Class Of Road User 1990-1999

Age/Role	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
<u>Under 20</u>										
Pedestrian	2 008	2 069	1 945	1 714	1 836	1 533	1 474	1 442	1 450	1 257
Passenger	1 571	1 664	1 728	1 604	1 758	1 662	1 488	1 561	1 502	1 353
Driver	267	329	365	356	387	348	382	401	424	621
(Sub-total)	3 846	4 062	4 038	3 674	3 981	3 543	3 344	3 404	3 376	3 231
<u>20-39</u>										
Pedestrian	1 600	1 675	1 596	1 693	1 618	1 556	1 491	1 546	1 330	1 339
Passenger	3 683	3 706	3 918	3 904	3 693	3 669	3 421	3 576	3 573	3 258
Driver	5 862	5 609	5 524	5 609	5 526	5 376	4 929	4 915	4 590	4 734
(Sub-total)	11 145	10 990	11 038	11 206	10 837	10 601	9 841	10 037	9 493	9 331
<u>40-59</u>										
Pedestrian	1 115	1 114	1 099	1 152	1 131	1 090	1 053	1 144	1 030	1 057
Passenger	959	1 049	1 125	1 225	1 123	1 133	1 272	1 470	1 454	1 519
Driver	1 208	1 262	1 374	1 405	1 487	1 426	1 505	1 581	1 647	1 857
(Sub-total)	3 282	3 425	3 598	3 782	3 741	3 649	3 830	4 195	4 131	4 433
<u>60 &amp; over</u>										
Pedestrian	1 433	1 451	1 356	1 436	1 363	1 238	1 227	1 128	1 097	1 039
Passenger	512	530	597	619	627	624	653	719	720	773
Driver	130	151	138	175	179	175	183	185	198	180
(Sub-total)	2 075	2 132	2 091	2 230	2 169	2 037	2 063	2 032	2 015	1 992
<u>All ages *</u>										
Pedestrian	6 156	6 326	6 009	6 006	5 964	5 435	5 266	5 321	4 933	4 830
Passenger	6 726	6 957	7 371	7 354	7 205	7 107	6 857	7 366	7 280	7 153
Driver	7 467	7 353	7 403	7 549	7 580	7 331	7 019	7 106	6 863	7 439
(Total)	20 349	20 636	20 783	20 909	20 749	19 973	19 142	19 793	19 076	19 422

Note : \* including casualties with age unknown.

Table 7.4 Road Traffic Accidents By Region By Severity 1990-1999

Region	Severity	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Hong Kong Island	Fatal	70	49	49	58	44	41	36	47	30	32
	Serious	749	764	723	717	759	710	676	676	686	625
	Slight	2 928	2 935	2 871	2 953	2 839	2 646	2 675	2 464	2 229	2 441
	Total	3 747	3 748	3 643	3 728	3 642	3 397	3 387	3 187	2 945	3 098
Kowloon	Fatal	152	131	147	151	133	101	82	84	81	69
	Serious	1 662	1 694	1 544	1 524	1 395	1 338	1 337	1 245	1 141	976
	Slight	6 240	6 099	6 075	5 802	5 667	5 427	5 143	5 252	4 960	4 819
	Total	8 054	7 924	7 766	7 477	7 195	6 866	6 562	6 581	6 182	5 864
New Territories	Fatal	91	119	122	125	102	105	134	98	93	101
	Serious	1 159	1 093	1 161	1 160	1 121	1 183	1 069	1 233	1 276	1 207
	Slight	2 166	2 406	2 600	2 969	3 355	3 236	3 240	3 677	3 518	4 444
	Total	3 416	3 618	3 883	4 254	4 578	4 524	4 443	5 008	4 887	5 752
All Regions (including islands)	Fatal	314	300	318	336	279	247	252	229	204	202
	Serious	3 576	3 561	3 438	3 406	3 279	3 243	3 084	3 154	3 103	2 808
	Slight	11 365	11 466	11 566	11 727	11 882	11 322	11 061	11 393	10 707	11 704
	Total	15 255	15 327	15 322	15 469	15 440	14 812	14 397	14 776	14 014	14 714

Table 7.5 Injury Road Traffic Accidents by District Boards 1990-1999

District Board		1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Hong Kong Island	Central & Western	1 026	989	966	1 015	992	873	870	832	811	905
	Eastern	1 185	1 210	1 135	1 194	1 087	1 002	1 048	964	866	969
	Southern	38	37	30	10	25	25	40	69	6	157
	Wan Chai	1 705	1 632	1 626	1 528	1 546	1 453	1 461	1 433	1 258	1 137
Kowloon	Kowloon City	1 477	1 578	1 494	1 397	1 366	1 379	1 267	1 308	1 271	1 181
	Kwun Tong	555	511	572	630	657	634	603	560	574	594
	Sham Shui Po	268	328	329	479	487	512	524	542	614	693
	Wong Tai Sin	548	528	523	505	529	514	533	496	429	405
	Yau Tsim Mong	616	448	485	494	442	476	337	309	210	344
New Territories & Islands	Sha Tin	1 446	1 473	1 314	1 352	1 297	1 150	1 203	1 104	1 103	994
	Tai Po	589	694	634	767	785	707	699	689	644	1 063
	North	543	592	565	493	497	545	472	599	539	646
	Yuen Long	371	428	465	505	686	684	679	853	831	857
	Kwai Tsing	559	566	669	864	984	992	988	905	915	798
	Tsuen Wan	989	1 021	1 019	1 014	1 034	1 006	936	895	837	807
	Tuen Mun	900	908	890	840	782	727	640	794	787	680
	Sai Kong Islands	543	501	651	516	482	453	443	791	766	963
	1 912	1 882	1 955	1 866	1 761	1 680	1 654	1 633	1 553	1 521	
<b>Total</b>		<b>15 270</b>	<b>15 326</b>	<b>15 322</b>	<b>15 469</b>	<b>15 439</b>	<b>14 812</b>	<b>14 397</b>	<b>14 776</b>	<b>14 014</b>	<b>14 714</b>

**Table 7.6 The top Five Contributory Factors of Traffic Accidents in 1999**

	<b>No of Incidents</b>
<b>Contributory Factor - Driver</b>	
Driving too close to vehicle in front	1,660
Lost control of vehicle	1,186
Turning negligently	826
Careless lane changing	819
Trying to avoid collision or otherwise	617
<b>Contributory Factor - Casualty (Driver, Passenger or Pedestrian)</b>	
Crossing road heedless of traffic (elsewhere)	787
Crossing road heedless of traffic (at crossing)	457
Falling inside bus/PLB (sudden stopping/starting)	299
In road, not crossing (jay walking)	202
Boarding vehicle	86
<b>Contributory Factor - Vehicle</b>	
Defective brakes	136
Unidentified vehicle (hit-and-run)	45
Defective tyre	27
Tyre blown out before impact	18
Defective steering	16
<b>Contributory Factor - Accident Environment</b>	
Slippery road (caused by weather)	157
Object or animal in road	112
Slippery road (not related to weather)	117
Vision obscured by cther stationary vehicle	42
Potholes	30