



Road Traffic Report
30 SEPTEMBER 2009



Index

Section	Topic	Page
1	Executive Summary	4
2	Vehicle Population, Mobility, Fuel Sales and Distance Travelled	10
	2.1 Number of Registered Vehicles	10
	2.2 Human Population and Mobility	12
	2.3 Number of Un-roadworthy and Un-licensed vehicles	16
3	Driver Population	23
	3.1 Learner Driving Licences	23
	3.2 Driving Licences Issued and Expired	24
	3.3 Professional Driving Permits (PrDP's) Issued and Expired	24
4	Fatal Road Traffic Crashes and Fatalities	28
	4.1 Number of Fatal Crashes	28
	4.2 Number of Fatalities	29
	4.3 Number of Fatalities per Road User Group	31
	4.4 Severity of Fatal Crashes	34
	4.5 Crash and Fatality Rates and Trends per 10,000 Vehicles	36
	4.6 Fatality Rates and Trends per 100,000 Human Population	38
	4.7 Crashes and fatalities per MVK	39
	4.8 Estimated Cost of Fatal Crashes per Province – Rand Million	41
5	Fatality Age Groups, Gender, Day-of-Week & Time-of-Day	42
	5.1 Fatalities per Age Group and Gender	42
	5.2 Day-of-Week Fatal Crashes	44
	5.3 Time-of-Day Fatal Crashes	45
6	Vehicles Involved in Fatal Crashes	45
	6.1 Vehicles per Type in Fatal Crashes	45
	6.2 Road User Group Fatalities per Type of Vehicle	50
7	Crash Summary : Some graphs reflecting Rates and Trends	54
8	Conclusion	56
9	Recommendation	56

Annexures

A	Vehicle Population per Province	59
B	Un-Roadworthy and Un-Licensed Vehicles	62
C	Number of Learner and Driving Licences and PrDPs	65
D	Number of Fatal Crashes per Province	66
E	Number of Fatalities per Province	69
F	Number of Road User Group Fatalities per Province	70
G	Vehicles in Fatal Crashes	72
H	Fatalities per Type of Vehicle	74
I	Terms and Definitions used in this Report	78

1. Executive Summary

1.1 Vehicle Population, Fuel Sales and Distance Travelled

- 1.1.1 The number of registered vehicles increased by 241,916 (2,60%) from 9,291,528 on 30 September 2008 to 9,533,444 vehicles on 30 Sept 2009.
- 1.1.2 On a percentage basis the biggest change was for motorcycles which increased by 11,28% to 358,274; followed by buses which increased by 5,64% to 44,634.
- 1.1.3 The total number of vehicles that are either un-roadworthy, un-licenced or both decreased by 126,760 (13,80%) from 918,266 vehicles at the end of September 2008 to 791,506 vehicles at the end of September 2009.
- 1.1.5 The number of vehicles that are un-roadworthy (but licenced) increased by 45,346 (11,71%) from 387,081 vehicles at the end of September 2008 to 432,427 vehicles at the end of September 2009.
- 1.1.6 The number of un-licenced vehicles decreased by 143,628 (30,67%) from 468,265 vehicles at the end of September 2008 to 324, vehicles at the end of September 2009.
- 1.1.7 The general overall mobility in terms of the number of persons per road vehicle (vehicles that can reasonably transport passengers – motorcars, minibuses, buses, motorcycles and LDV’s “bakkies”), improved by 5,33% from a national average of 6,72 persons per vehicle at the end of September 2006 to 6,37 persons per vehicle at the end of September 2007. From the end of September 2008 to September 2009 the improvement was only 1,15%, from 6,25 to 6,18 persons per vehicle.

1.2 Driver Population

- 1.2.1 The number of learner driving licences issued increased by 103,309 (8,69%) from 1,189,458 at the end of September 2008 to 1,292,767 at

the end of September 2009.

- 1.2.2 The number of driving licences issued increased by 344,695 (4,12%) from 8,374,124 at the end of September 2008 to 8,718,819 at the end of September 2009
- 1.2.3 At the end of September 2009 there were a total of 1,095,603 expired driving licence cards recorded on the National Traffic Information System (NaTIS). This figure represents 12,57% of all driving licences issued.
- 1.2.4 The number of Professional Driving Permits (PrDP's) issued increased by 36,016 (4,87%) from 740,082 at the end of September 2008 to 776,098 at the end of September 2009.
- 1.2.5 At the end of September 2009 there were a total of 249,912 expired Professional Driving Permits (PrDPs) recorded on the National Traffic Information System (NaTIS). This figure represents 32,20% of all PrDPs issued.

1.3 Fatal Road Crashes and Fatalities

- 1.3.1 Over the 12-month period from 1 October 2008 to 30 September 2009 the number of fatal crashes decreased by 596 (5,33%) from 11,177 crashes over the same period the previous year to 10,582.
- 1.3.2 From 1 October 2008 to 30 September 2009 the number of fatalities decreased by 604 (4,23%) from 14,283 fatalities over the same period the previous year to 13,679.
- 1.3.3 Driver fatalities decreased by 91 (2,22%) to 3,995; passenger fatalities increased by 351 (7,29%) to 5,158 and pedestrian fatalities decreased by 595 (11,55%) to 4,557 over the 12-month period from 1 October 2008 to 30 September 2009.
- 1.3.4 During 2008-2009 driver fatalities were 29,14%, passengers 37,62% and pedestrians 33,24% of all fatalities.

- 1.3.5 The severity of fatal crashes increased by 0,039 (3,11%) from 1,257 during 2007-2008 to 1,296 during 2008-2009.
- 1.3.6 The number of fatal crashes per 10,000 registered motorised vehicles decreased by 1,04 (7,64%) from 13,58 during 2007-2008 to 12,55 in the 2008-2009 financial year.
- 1.3.7 The number of fatalities per 10,000 registered motorised vehicles decreased by 0,81 (4,77%) from 17,07 during 2007-2008 to 16,26 during 2008-2009.
- 1.3.8 The number of fatalities per 100,000 human population decreased by 1,09 (3,76%) from 28,97 during 2007-2008 to 27,89 during 2008-2009.
- 1.3.9 During 2008-2009 in the order of 24,05% road fatalities were female and 75,95% male.
- 1.3.10 The number of all types of vehicles involved in fatal crashes decreased by 882 (5,78%) from 15,254 in 2007-2008 to 14,372 in 2008-2009.
- 1.3.11 The estimated cost of fatal crashes decreased by 77,68 (0,60%) from 12 967,67 during 2007-2008 to 12 890,00 in the 2008-2009 financial year.

1.4 Measuring Progress towards Achieving Target to Reduce Fatalities by 50% by 2015

Based on the 2006 Millennium Development Goals, one of the goals of the 2015 Road Traffic Safety Management Plan is to reduce by half the rate of accident fatalities arising from road and other transport by 2015. In the development of the 2015 Plan it was agreed that the number of fatalities for the year 2007 would be used as the benchmark on which the 50% reduction would be based. Using this benchmark and the 50% target reduction, the maximum allowable number of road fatalities per quarter per province up to the end of 2015 was calculated as continuous reduced target figures over the 8 year period. These set targets for the indicated quarters for each province and the RSA total, are shown in the table below, shown as “Target” figures or maximum allowable number of fatalities.

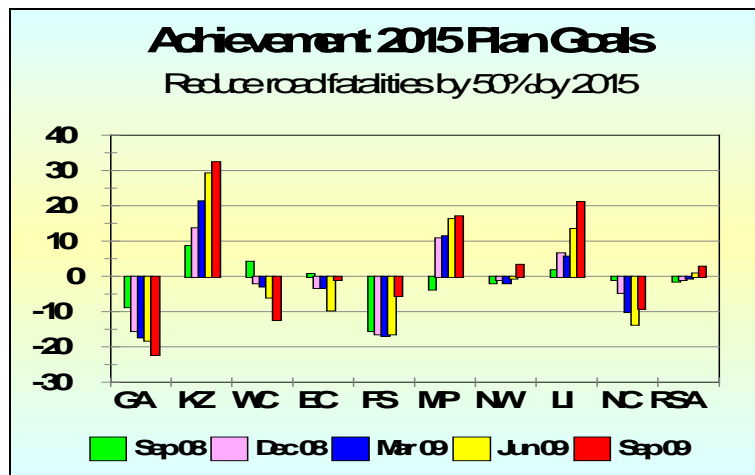
Achievement of 2015 Plan Goal to Reduce Road Fatalities by 50% by 2015											
Rolling 12-month Number of Road Fatalities per Province											
Month	Item	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
Sep 08	Target	3,123	2,359	1,570	1,559	1,069	1,696	1,192	1,307	361	14,235
	Actual	2,866	2,564	1,637	1,571	907	1,634	1,175	1,331	358	14,044
	Difference	-257	205	67	13	-162	-62	-17	24	-3	-191
	% Diff	-8.22	8.71	4.26	0.82	-15.15	-3.63	-1.42	1.85	-0.91	-1.34
Dec 08	Target	3,074	2,322	1,545	1,534	1,053	1,670	1,173	1,287	356	14,014
	Actual	2,607	2,642	1,523	1,490	882	1,852	1,166	1,372	340	13,875
	Difference	-467	320	-22	-44	-171	183	-8	86	-15	-139
	% Diff	-15.18	13.78	-1.45	-2.90	-16.25	10.94	-0.64	6.65	-4.31	-0.99
Mar 09	Target	3,023	2,284	1,520	1,509	1,035	1,642	1,154	1,265	350	13,782
	Actual	2,507	2,772	1,483	1,464	865	1,830	1,132	1,338	315	13,707
	Difference	-516	489	-37	-44	-171	189	-22	72	-34	-75
	% Diff	-17.07	21.40	-2.45	-2.95	-16.48	11.49	-1.87	5.71	-9.85	-0.54
Jun 09	Target	2,973	2,246	1,495	1,484	1,018	1,615	1,135	1,244	344	13,553
	Actual	2,446	2,904	1,410	1,343	855	1,879	1,132	1,413	297	13,679
	Difference	-527	658	-85	-141	-163	264	-3	169	-47	126
	% Diff	-17.73	29.29	-5.66	-9.48	-16.01	16.37	-0.27	13.54	-13.57	0.93
Sep 09	Target	2,924	2,209	1,470	1,459	1,001	1,588	1,116	1,224	338	13,329
	Actual	2,288	2,926	1,294	1,447	949	1,860	1,154	1,483	308	13,709
	Difference	-636	717	-176	-12	-52	272	38	259	-30	380
	% Diff	-21.75	32.47	-11.97	-0.82	-5.21	17.14	3.43	21.19	-8.93	2.85

Also shown in the table above are the “Actual” figures, which reflect the real number of road fatalities recorded per each province for the respective quarters as indicated. Both the Target and Actual figures represent the 12-month rolling total fatality figures per province and the RSA on a national basis.

The difference; as well as the percentage difference figures in the table shows the difference between the set Target and Actual number of road fatalities. A difference of “0” indicates that the set target of reducing the number of fatalities

was met. Differences smaller than “0” (<0) shows achievements better than what is expected or required and differences larger than”0” (>0) shows that the required targets were not achieved and reflects inadequate performance towards reaching the desired goal per quarter and ultimately the 2015 goal.

The % difference in meeting the set targets per province is also reflected in the figure below.



The information in the table and graph above shows that best performing provinces well on track towards achieving the goal of reducing road fatalities by 50% by the year 2015, amongst others, are :

- Gauteng : which is also continuously improving its performance from -8,22% in September 2008 to -21,76% in September 2009;
- Western Cape : although this province shows an increase of +4,26% in the 1st quarter under review (September 2008), from the 2nd quarter this province improved its performance to -1,45% (December 2008) up to -11,97% in September 2009;
- Free State : managed a good and steady performance during the first 4 quarters ranging from -15,15% (September 2008) to -16,48% (June 2009); but dropped back to -5,21% in September 2009;
- The Northern Cape and Eastern Cape are performing reasonably well and contribute towards the required national reduction of road fatalities, with the Northern Cape making the biggest contribution in this regard. The Eastern Cape is performing basically on the margin of 0%.

The provinces that are not performing as required, are the following:

- KwaZulu-Natal : overall the worst performing province, with even a continuous increase in the quarterly number of road fatalities that exceed the set quarterly targets for the province – ranging from +8,71% in September 2008; +21,40% in

March 2009 and +32,47% in September 2009. This province was the biggest contributor to the RSA, on a national basis not achieving its set target towards the end of the review period. In this regard KwaZulu-Natal basically nullifies the contribution of Gauteng;

- Mpumalanga : started off on a positive basis during the analysis period with a figure of -3,63% in September 2008. However, over the next 4 quarters this province worsened from +10,94% in December 2008 to +17,14% in September 2009;
- Limpopo : made no contribution towards achieving the 2015 goals. Over the review period the performance of this province worsened from +1,85% in September 2008 to +21,19% in September 2009.

North West : is operating very much on the border-line with figures ranging from -1,42% in September 2008 to +3,43% in September 2009, moving in a non-contributory direction.

National - RSA : over the review period the national figures range from -1,34% in September 2008 to +2,85% in September 2009. The 3 worst performing provinces listed above, contributed to this non-achieving trend, with the biggest negative influence from KwaZulu-Natal.

2. Vehicle Population and Mobility

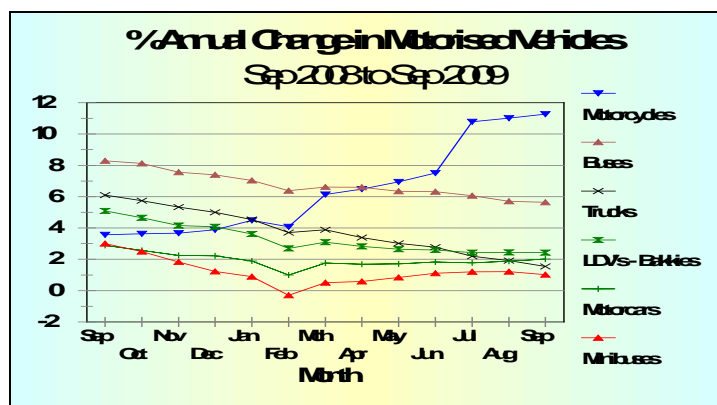
2.1 Number of Registered Vehicles

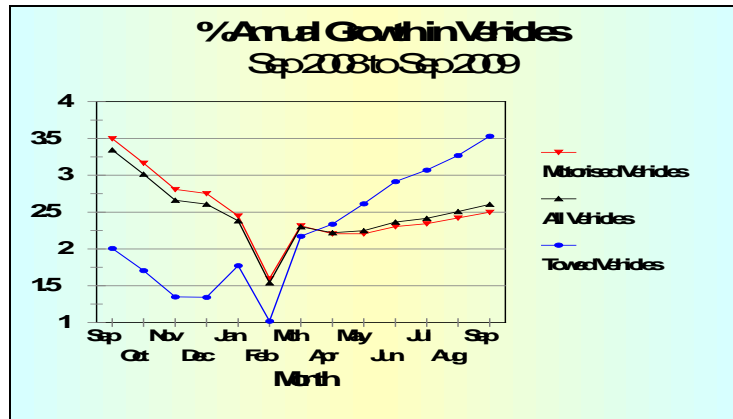
The number of registered vehicles increased by 241,916 (2,60%) from 9,291,528 on 30 September 2008 to 9,533,444 vehicles on 30 Sept 2009. Detail per type of vehicle is given in Table 1 below.

Table 1 : Number of Registered Vehicles	Number registered Sep 2008	Number registered Sep 2009	Change	% Change	% of Group Sep 2009	% of Total Sep 2009
Motorised Vehicles						
Motorcars	5,276,044	5,382,571	106,527	2.02	62.90	56.46
Minibuses	280,284	283,159	2,875	1.03	3.31	2.97
Buses	42,250	44,634	2,384	5.64	0.52	0.47
Motorcycles	321,969	358,274	36,305	11.28	4.19	3.76
LDV's - Bakkies	1,891,546	1,937,429	45,883	2.43	22.64	20.32
Trucks	316,471	321,359	4,888	1.54	3.76	3.37
Other & Unknown	219,659	229,402	9,743	4.44	2.68	2.41
Total Motorised	8,348,223	8,556,828	208,605	2.50	100.00	89.76
Towed Vehicles						
Caravans	104,584	105,286	702	0.67	10.78	1.10
Heavy Trailers	143,026	145,869	2,843	1.99	14.94	1.53
Light Trailers	679,263	708,788	29,525	4.35	72.58	7.43
Other & Unknown	16,432	16,673	241	1.47	1.71	0.17
Total Towed	943,305	976,616	33,311	3.53	100.00	10.24
All Vehicles	9,291,528	9,533,444	241,916	2.60		100.00

The information above shows that on a percentage basis the biggest change was for motorcycles which increased by 11,28% to 358,274; followed by buses which increased by 5,64% to 44,634.

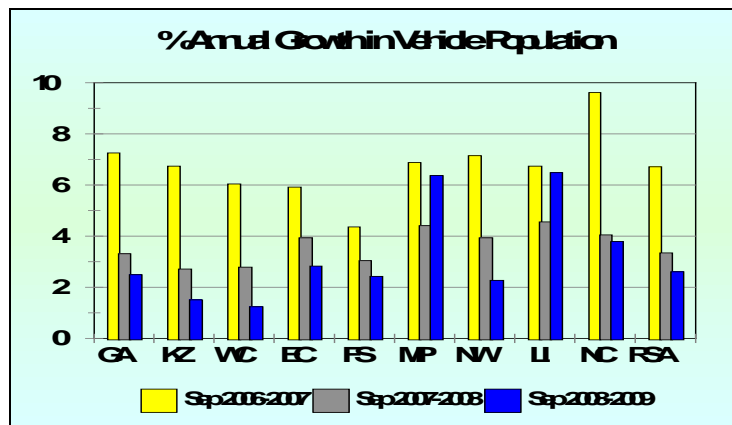
The monthly percentage change over the past year for specific types of vehicles and motorised and towed vehicles are shown in the figures below.



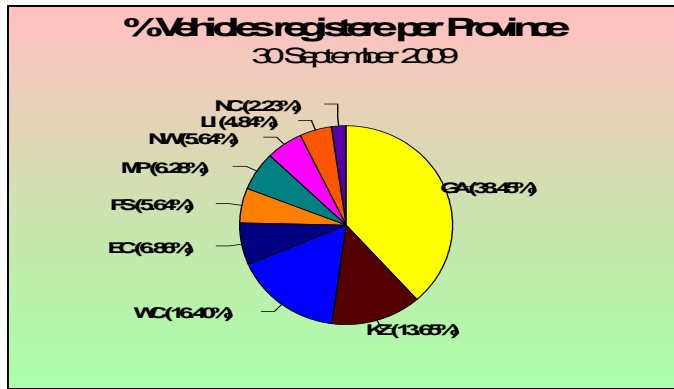


The total motor vehicle population per Province as on 30 September 2008 and 30 September 2009 respectively, is given in Table 2 and the annual growth per Province over the past 3 years reflected in the figure below.

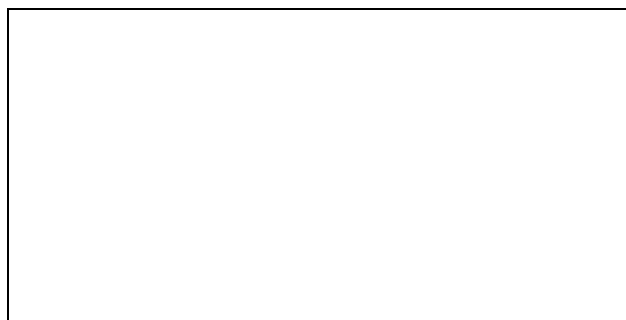
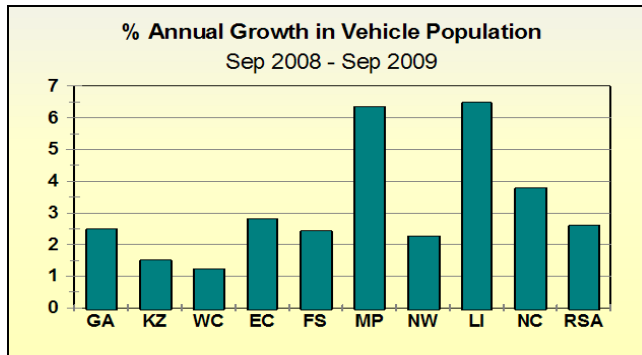
Table 2 : Number of Registered Vehicles per Province	Number registered Sep 2008	Number registered Sep 2009	Change	% Change	% of Total Sep 2009
Gauteng	3,576,155	3,665,277	89,122	2.49	38.45
KwaZulu-Natal	1,282,086	1,301,442	19,356	1.51	13.65
Western Cape	1,544,798	1,563,903	19,105	1.24	16.40
Eastern Cape	636,468	654,445	17,977	2.82	6.86
Free State	524,628	537,342	12,714	2.42	5.64
Mpumalanga	563,281	599,136	35,855	6.37	6.28
North West	525,984	537,936	11,952	2.27	5.64
Limpopo	433,062	461,131	28,069	6.48	4.84
Northern Cape	205,066	212,832	7,766	3.79	2.23
RSA	9,291,528	9,533,444	241,916	2.60	100



Over the past year from 30 September 2008 to 30 September 2009 the biggest percentage growth in total vehicles was recorded in Limpopo with a growth of 6,48%, followed by Mpumalanga with a growth of 6,37%.



The information in the graph above shows that 38,45% of all vehicles are registered in Gauteng, followed by Western Cape with 16,40% and KwaZulu-Natal with 13,65%.



2.2 Human Population and Mobility

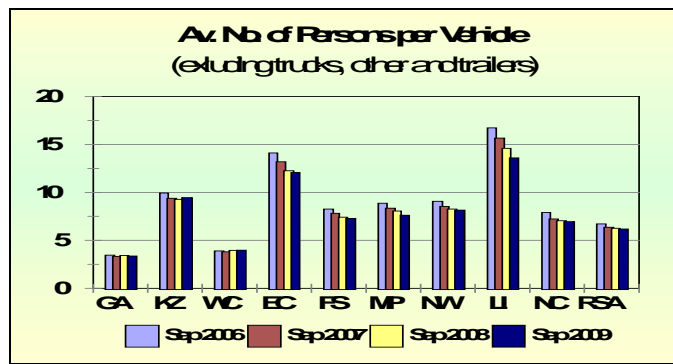
The estimated human population on 30 September of each year from 2006 to 2009 is given in Table 3 below. (These figures are estimates from the mid-year estimates released annually by StatsSA).

Month	Province									Total RSA
	GA	KZ	WC	EC	FS	MP	NW	LI	NC	
Sep 2006	9.57	9.95	4.77	6.90	2.96	3.52	3.38	5.37	1.10	47.51
Sep 2007	9.88	10.04	4.95	6.82	2.94	3.55	3.40	5.37	1.11	48.06
Sep 2008	10.47	10.19	5.29	6.60	2.88	3.59	3.43	5.26	1.13	48.85

Sep 2009	10.55	10.54	5.38	6.67	2.91	3.61	3.46	5.22	1.15	49.48
-----------------	-------	-------	------	------	------	------	------	------	------	--------------

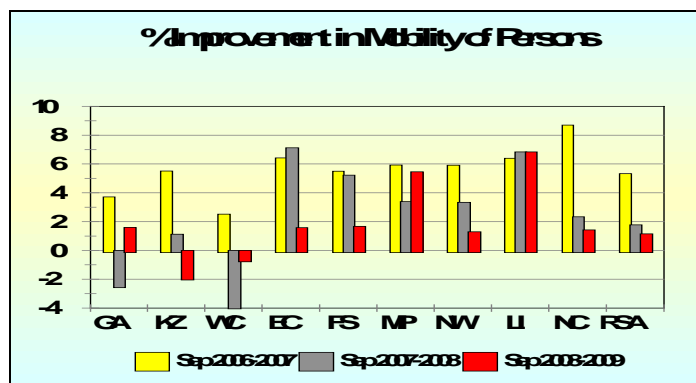
Based on the information on human and vehicle populations, the average number of persons per vehicle per Province (excluding trucks, towed vehicles and “other” and “unknown” vehicles) at the end of September 2006, 2007, 2008 and 2009 is shown in Table 4 and reflected in the graph below.

Table 4 : Average Number of Persons per Vehicle (excluding trucks, other, unknown and towed vehicles)										
Month	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
Sep 2006	3.46	9.93	3.90	14.10	8.27	8.87	9.08	16.73	7.91	6.72
Sep 2007	3.33	9.38	3.80	13.20	7.81	8.35	8.54	15.66	7.22	6.37
Sep 2008	3.42	9.27	3.95	12.26	7.41	8.07	8.26	14.59	7.06	6.25
Sep 2009	3.36	9.46	3.98	12.06	7.28	7.63	8.15	13.59	6.96	6.18



The percentage (%) annual change or improvement in human mobility per province is given in Table 5 below and reflected in the graph below.

Table 5: % Improvement in Mobility Per Province										
Month	Province									Total RSA
	GA	KZ	WC	EC	FS	MP	NW	LI	NC	
Sep 2006-2007	3.72	5.51	2.52	6.42	5.49	5.92	5.91	6.39	8.70	5.33
Sep 2007-2008	-2.52	1.12	-3.93	7.13	5.23	3.39	3.33	6.84	2.33	1.77
Sep 2008-2009	1.59	-1.99	-0.70	1.59	1.67	5.46	1.30	6.84	1.43	1.15



The information in tables 4 and 5 and graphs above shows that on a national basis the general overall mobility in terms of the number of persons per road vehicle (vehicles that can reasonably transport passengers – motorcars, minibuses, buses, motorcycles and LDV’s “bakkies”), improved by 5,33% from a national average of 6,72 persons per vehicle at the end of September 2006 to 6,37 persons per vehicle at the end of September 2007. From the end of September 2008 to September 2009 the improvement was only 1,15%, from 6,25 to 6,18 persons per vehicle.

Although they do show some improvement, the “least mobile” Provinces remain Limpopo with 13,59 persons per vehicle; followed by the Eastern Cape with 12,06 persons per vehicle at the end of September 2009.

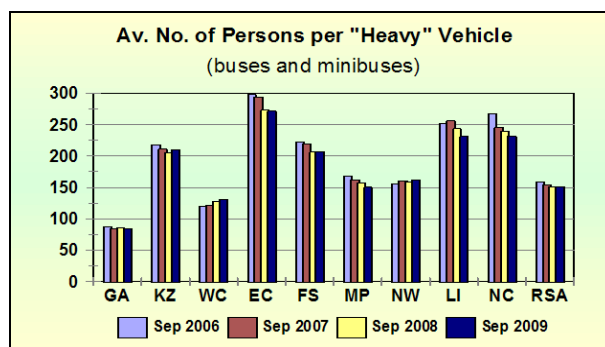
The “most mobile” Provinces are Gauteng and the Western Cape with an average of 3,36 and 3,98 persons per vehicle respectively at the end of September 2009. KwaZulu-Natal has shown a decline in mobility; with a decrease of 1.99% from 9,27 persons per vehicle in September 2008 to 9,46; Western Cape with a decrease of 0,70% from 3,95 to 3,98 persons per vehicle in September 2009.

The provinces with the best improvements in this regard are:

- Limpopo : 6,84% improvement from 14,59 to 13,59 persons per vehicle;
- Mpumalanga : 5,46% improvement from 8,07 to 7,63;

The average number of persons per “heavy” road passenger transport vehicle (buses and minibuses) is shown in Table 6 and reflected in the graph below.

Table 6 : Average Number of Persons per "Heavy" Passenger Transport Vehicle (buses and minibuses)										
Month	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
Sep 2006	87	218	120	298	222	168	156	252	267	159
Sep 2007	84	211	122	294	219	162	160	256	245	154
Sep 2008	85	206	128	273	206	157	159	244	240	151
Sep 2009	84	210	131	272	207	150	161	231	232	151



The percentage (%) annual change or improvement in the number of persons per “heavy” road transport vehicle per province is reflected in Table 7 below.

Table 7 : % Improvement in Average Number of Persons per "Heavy" Passenger Transport Vehicle (buses and minibuses)										
Month	Province									Total RSA
	GA	KZ	WC	EC	FS	MP	NW	LI	NC	
Sep 2006-2007	3.65	3.18	-1.57	1.29	1.41	3.35	-2.82	-1.25	8.19	2.55
Sep 2007-2008	-1.39	2.35	-5.28	7.05	5.92	2.84	0.86	4.69	2.15	1.96
Sep 2008-2009	1.00	-2.10	-2.58	0.54	-0.31	4.64	-1.63	5.03	3.50	0.32

The information in tables 6 and 7 and graph above show that, after a previous year-on-year improvement, the national overall mobility and quality of public road transport in terms of the number of persons per “heavy” passenger road transport vehicle from September 2008 to September 2009 increased by 0,32% from about 151 persons per vehicle in 2008 to 151 persons per vehicle in 2009.

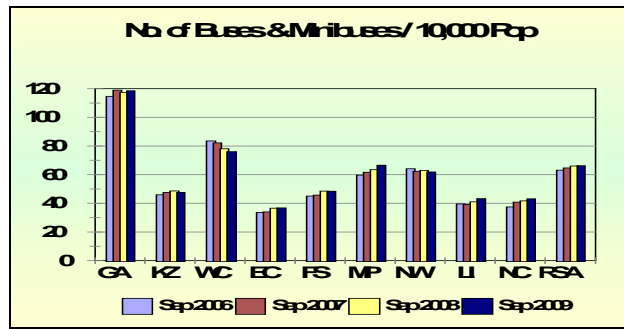
On a Provincial percentage basis the biggest improvement was in the Limpopo where the average number of persons per vehicle changed by 5,03% from about 244 persons per vehicle in September 2008 to 231 persons per vehicle at the end of September 2009. In Mpumalanga the improvement was 4,64%; followed by the Northern Cape with an improvement of 3,50%.

The biggest decrease in the quality of public passenger transport services was recorded in the Western Cape with a decrease of 2,58% from 128 to 131 persons per “heavy” public transport vehicle; followed by North West with a decrease of 2,10% from 206 to 210.

The provision of public passenger transport services in Gauteng, the Western Cape and North West remained basically stagnant over the past 3-4 year period .

The average number of “heavy” road passenger transport vehicle (buses and minibuses) per 10,000 human population per Province is shown in Table 8 and reflected in the graph below.

Table 8 : Average Number of Public Transport Vehicles (buses and minibuses) per 10,000 Human Population										
Month	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
Sep 2006	115	46	83	34	45	60	64	40	37	63
Sep 2007	119	47	82	34	46	62	62	39	41	65
Sep 2008	117	49	78	37	49	63	63	41	42	66
Sep 2009	119	48	76	37	48	67	62	43	43	66



2.3 Un-Roadworthy and Un-Licensed Vehicles

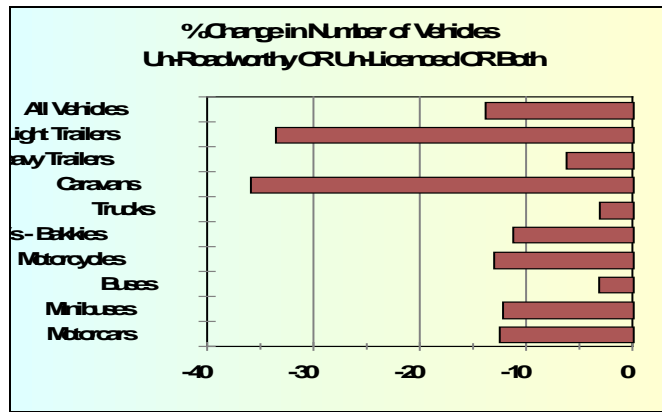
2.3.1 General

Un-roadworthy vehicles is defined as those of which the owners failed to submit the vehicles for compulsory annual roadworthy tests (including buses, minibus taxis and freight transport vehicles) or on change of ownership. Un-licensed vehicles are those of which the owners failed to renew the vehicle licences within the time frame allowed.

On a national basis the total number of vehicles that are either un-roadworthy, un-licensed or both decreased by 126,760 (13,80%) from 918,266 vehicles at the end of September 2008 to 791,506 vehicles at the end of September 2009.

Detail in this regard per type of vehicle is provided in Table 9 and the percentage (%) change from 2008 to 2009 reflected in the graph below.

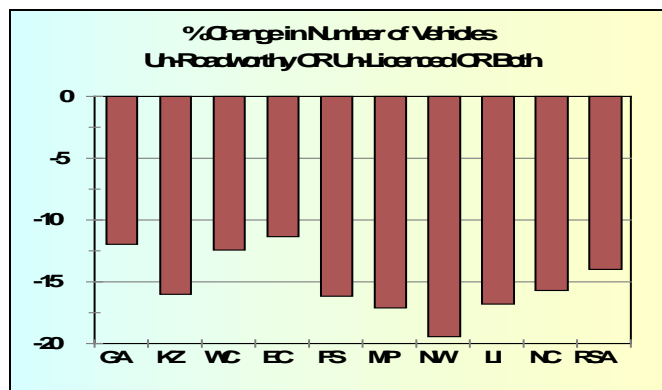
Vehicle Type	Sept 2008	Sept 2009	Change	% Change
Motorcars	434,073	379,942	-54,131	-12.47
Minibuses	55,947	49,138	-6,809	-12.17
Buses	5,806	5,625	-181	-3.12
Motorcycles	111,617	97,097	-14,520	-13.01
LDV's - Bakkies	138,087	122,627	-15,460	-11.20
Trucks	56,153	54,439	-1,714	-3.05
Caravans	9,873	6,329	-3,544	-35.90
Heavy Trailers	21,862	20,506	-1,356	-6.20
Light Trailers	58,763	39,056	-19,707	-33.54
Unknown	26,085	16,747	-9,338	-35.80
All Vehicles	918,266	791,506	-126,760	-13.80



Decreases in this regards were recorded for all types of vehicles. The biggest decreases were recorded for: caravans (35,90%); light trailers (33,54%) and motorcycles (13,01%).

Detail on the number of vehicles that are either un-roadworthy, un-licensed or both per Province is provided in Table 10 and the percentage (%) change from 2008 to 2009 reflected in the graph below.

Year	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
Sept 2008	372,208	135,743	111,167	59,082	59,095	61,619	59,100	44,320	15,932	918,266
Sept 2009	328,480	114,116	97,549	52,474	49,597	51,180	47,714	36,933	13,463	791,506
Change	-43,728	-21,627	-13,618	-6,608	-9,498	-10,439	-11,386	-7,387	-2,469	-126,760
% Change	-11.75	-15.93	-12.25	-11.18	-16.07	-16.94	-19.27	-16.67	-15.50	-13.80

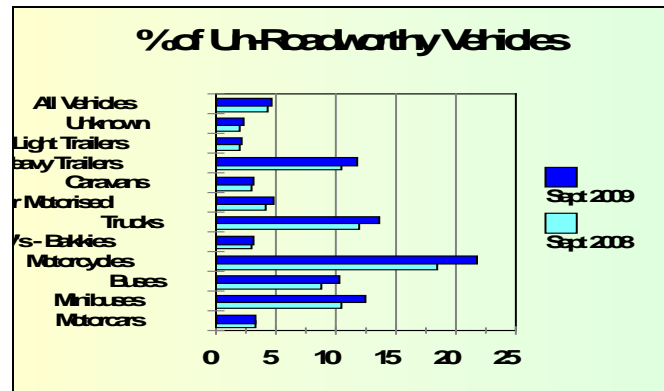


The information in the table and graph above show that all provinces recorded decreases in the number of vehicles that are either un-roadworthy, un-licensed or both. On a provincial percentage basis the biggest decrease was recorded in North West where the number on vehicles in this regard decreased by 11,386 (19,27%) from 59,100 vehicles in 2008 to 47,714 vehicles at the end of September 2009. Mpumalanga reflected a decrease of about 16.94%, followed by Limpopo with a decrease of 16.67% and Free State with a decrease of 16,07%.

2.3.2 Number of Un-Roadworthy Vehicles

The number of vehicles that are un-roadworthy (but licenced) increased by 45,346 (11,71%) from 387,081 vehicles at the end of September 2008 to 432,427 vehicles at the end of September 2009. Detail in this regard is given in Table 11 and the percentage of un-roadworthy vehicles per type of vehicle, as a percentage of the number registered, is reflected in the graph below

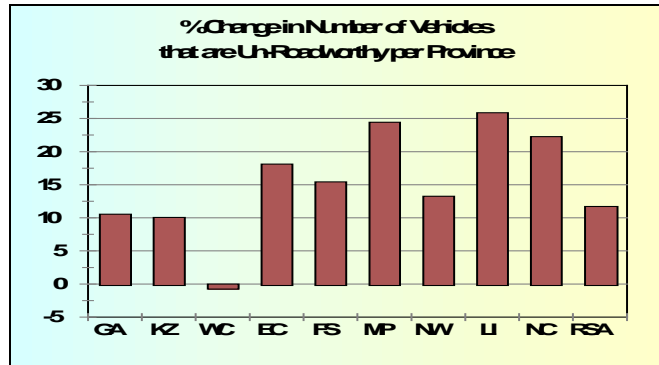
Tale 11: Number of Un-Roadworthy Vehicles				
Vehicle Type	Sept 2008	Sept 2009	Change	% Change
Motorcars	166,990	170,527	3,537	2.12
Minibuses	28,855	34,631	5,776	20.02
Buses	3,663	4,527	864	23.59
Motorcycles	58,639	77,110	18,471	31.50
LDV's - Bakkies	53,003	57,441	4,438	8.37
Trucks	37,503	43,474	5,971	15.92
Caravans	2,905	3,156	251	8.64
Heavy Trailers	14,740	16,997	2,257	15.31
Light Trailers	11,985	14,186	2,201	18.36
Unknown	8,798	10,378	1,580	17.96
All Vehicles	387,081	432,427	45,346	11.71



In the table and graph above shows that, all types of vehicles experienced increases in this regard. The biggest increase was recorded for motorcycles which increased by 18,471 (31,50%) from 58,639 at the end of September 2008 to 77,110 un-roadworthy motorcycles at the end of September 2009. The second biggest increase was recorded for buses which increased by 864 (23,59%) from 3,663 in 2008 to 4,527 un-roadworthy buses at the end of September 2009.

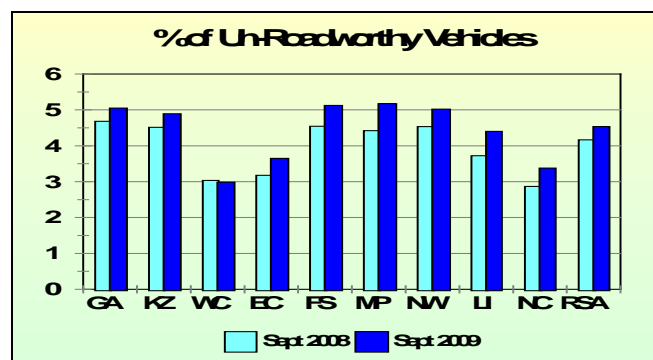
Detail on the number of vehicles that are un-roadworthy per Province is provided in Table 12 and the percentage (%) change from 2008 to 2009 reflected in the graph below.

Table 12: Number of Un-Roadworthy Vehicles										
Year	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
Sept 2008	167,490	57,868	46,893	20,220	23,848	24,898	23,863	16,123	5,878	387,081
Sept 2009	185,133	63,693	46,699	23,881	27,531	30,985	27,024	20,294	7,187	432,427
Change	17,643	5,825	-194	3,661	3,683	6,087	3,161	4,171	1,309	45,346
% Change	10.53	10.07	-0.41	18.11	15.44	24.45	13.25	25.87	22.27	11.71



The information in the table and graph above show that with exception of Western Cape all provinces recorded increases in the number of un-roadworthy vehicles. On a percentage basis the biggest increase was recorded in the Limpopo where the number of un-roadworthy vehicles increased by 4,171 (25,87%) from 16,123 in 2008 to 20,294 at the end of September 2009. Other large increases in this regard are: Mpumalanga increase of 24,45% to 30,985 un-roadworthy vehicles; and Northern Cape increase of 1,309 (22,27%) from 5,878 to 7,187 un-roadworthy vehicles at the end of September 2009.

The percentage of un-roadworthy vehicles per Province, expressed as a percentage of the total number of vehicles registered per Province, is shown in the graph below.



The information in the graph above shows the Provinces with the highest percentage un-roadworthy vehicles are as follows:

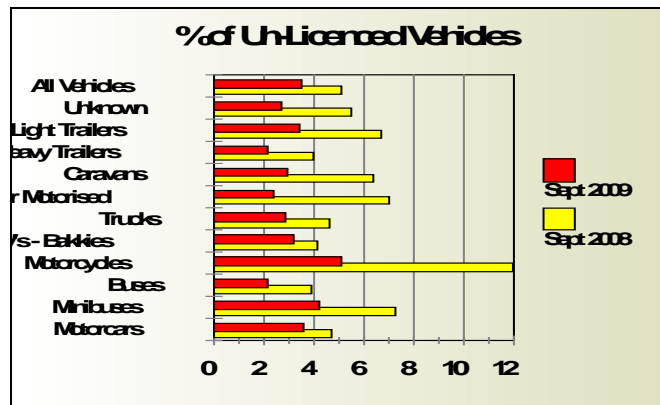
- Gauteng : 5,05% (185,135)
- KwaZulu-Natal : 4,89% (63,693)
- Free State : 5,12% (27,531)
- Mpumalanga : 5,17% (30, 985)
- North West : 5,02% (27,024)

The Provinces with the lowest percentage of un-roadworthy vehicles are the Western, Eastern, Northern Cape with each in the order of about 3% un-roadworthy vehicles.

2.3.3 Number of Un-Licensed Vehicles

On a national basis the number of un-licensed vehicles decreased by 143,628 (30,67%) from 468,265 vehicles at the end of September 2008 to 324,637 vehicles at the end of September 2009. Detail per type of vehicle in this regard is given in Table 13 and the percentage of un-licensed vehicles per type of vehicle, as a percentage of the number registered, is reflected in the graph below.

Table 13: Number of Un-Licensed Vehicles				
Vehicle Type	Sept 2008	Sept 2009	Change	% Change
Motorcars	243,532	190,058	-53,474	-21.96
Minibuses	20,170	11,631	-8,539	-42.34
Buses	1,631	904	-727	-44.57
Motorcycles	38,397	17,886	-20,511	-53.42
LDV's - Bakkies	77,436	59,344	18,092	-23.36
Trucks	14,344	9,031	-5,313	-37.04
Caravans	6,548	2,982	-3,566	-54.46
Heavy Trailers	5,603	3,012	-2,591	-46.24
Light Trailers	44,713	23,933	-20,780	-46.47
Unknown	15,891	5,856	-10,035	-63.15
All Vehicles	468,265	324,637	-143,628	-30.67

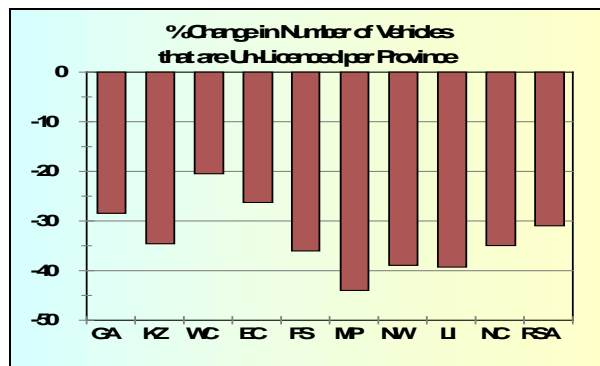


The information in the table and graph above show that decreases in the number of un-licenced vehicles were recorded for all vehicle types. On a percentage basis the biggest decrease were recorded for the following types of vehicles:

- Caravans : 54,57% down to 2,982
- Motorcycles : 53,42% down to 17,886
- Light trailers : 46,47% down to 23,933
- Heavy Trailers : 46,24% down to 3012
- Buses : 44,57% down to 904
- Minibuses : 42,34% down to 11,63

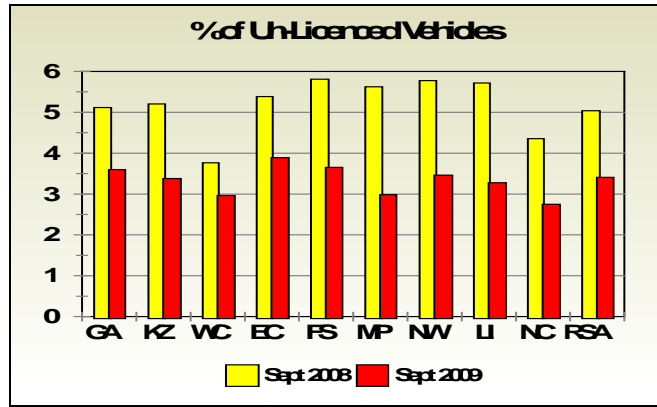
Detail on the number of vehicles that are un-licenced per Province is provided in Table 14 and the percentage (%) change from 2008 to 2009 reflected in the graph below.

Table 14: Number of Un-Licenced Vehicles										
Year	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
Sept 2008	182,939	66,711	58,123	34,280	30,468	31,683	30,373	24,755	8,933	468,265
Sept 2009	131,810	43,967	46,323	25,452	19,628	17,885	18,621	15,100	5,851	324,637
Change	-51,129	-22,744	-11,800	-8,828	-10,840	-13,798	-11,752	-9,655	-3,082	-143,628
% Change	-27.95	-34.09	-20.30	-25.75	-35.58	-43.55	-38.69	-39.00	-34.50	-30.67



The information in the table and graph above show that the biggest decrease in the number of un-licenced vehicles were recorded in Mpumalanga (43,55%); followed by Limpopo , North West, Free State, Northern Cape and KwaZulu-Natal each with a decrease ranging in the order of 34% to 39%.

The percentage of un-licenced vehicles per Province, expressed as a percentage of the number registered per Province, is reflected in the graph below.



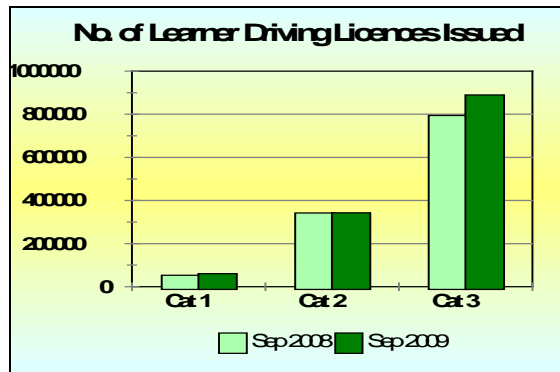
Detailed information on the number of un-roadworthy and un-licenced vehicles per type of vehicle per Province is provided in the tables under **Annexure B**.

3. Driver Population

3.1 Learner Driving Licences

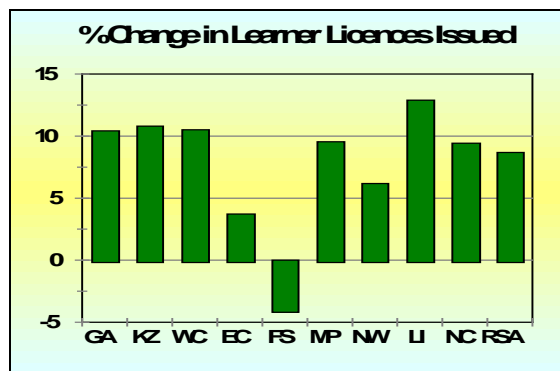
The number of learner driving licences issued increased by 103,309 (8,69%) from 1,189,458 at the end of September 2008 to 1,292,767 at the end of September 2009. Detail on the number of learner driving licences issued per category is given in Table 15 and graphically reflected in the figure below.

Category	Sep 2008	Sep 2009	Change	% Change
1	53,147	60,316	7,169	13.49
2	342,021	342,768	747	0.22
3	794,290	889,683	95,393	12.01
Total	1,189,458	1,292,767	103,309	8.69



Provincial information in this regard is given in Table 16 and the percentage change per Province over the 12-month period is reflected in the graph below.

Year	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
Sep 2008	375,737	166,585	166,547	105,679	85,376	84,688	79,514	96,217	29,115	1,189,458
Sep 2009	414,864	184,587	184,057	109,610	81,974	92,764	84,432	108,618	31,861	1,292,767
Change	39,127	18,002	17,510	3,931	(3,402)	8,076	4,918	12,401	2,746	103,309
% Change	10.41	10.81	10.51	3.72	-3.98	9.54	6.19	12.89	9.43	8.69

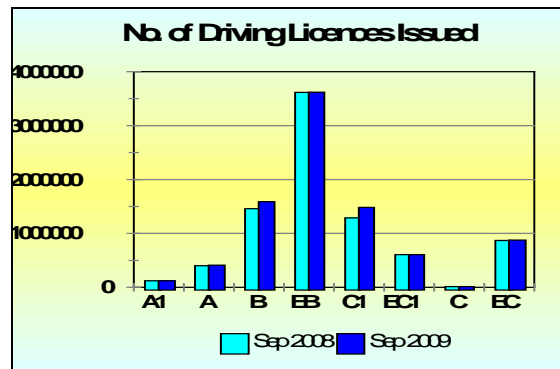


3.2 Driving Licences Issued and Expired

3.2.1 Number of Driving Licences Issued

The number of driving licences issued increased by 344,695 (4,12%) from 8,374,124 at the end of September 2008 to 8,718,819 at the end of September 2009. Detail on the number of driving licences issued per category is given in Table 17 and graphically reflected in the figure below.

Category	Sep 2008	Sep 2009	Change	% Change
A1	121,233	121,988	755	0.62
A	402,111	411,044	8,933	2.22
B	1,460,031	1,588,370	128,339	8.79
EB	3,614,504	3,619,056	4,552	0.13
C1	1,286,285	1,482,649	196,364	15.27
EC1	607,390	606,068	-1,322	-0.22
C	13,824	14,698	874	6.32
EC	868,746	874,946	6,200	0.71
Total	8,374,124	8,718,819	344,695	4.12

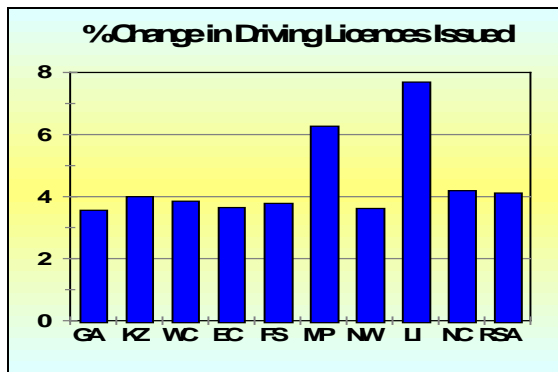


The number and percentage (%) driving licences issued per category at the end of September 2009 is reflected in Table 18 below.

Category	Description	Number	%
A1	Motorcycle < 125 cub.cm	121,988	1.40
A	Motorcycle > 125 cub.cm	411,044	4.71
B	Motor vehicle < 3,5000 kg	1,588,370	18.22
EB	Articulated motor vehicle <16,000 kg	3,619,056	41.51
C1	Motor vehicle 3,500 - 16,000 kg	1,482,649	17.01
EC1	Articulated vehicle 3,500 - 16,000 kg	606,068	6.95
C	Motorvehicle > 16,000 kg	14,698	0.17
EC	Articulated vehicle > 16,000 kg	874,946	10.04
Total		8,718,819	100

Provincial information in this regard is given in Table 19 and the percentage change with regard to all licences issued per Province is reflected in the graph below.

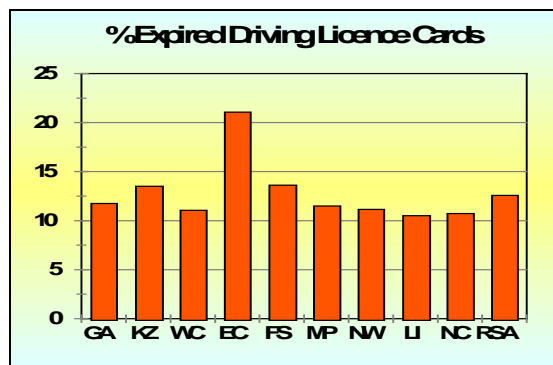
Table 19 : Number of Driving Licences Issued per Province										
Year	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
Sep 2008	2,952,911	1,345,337	1,384,523	621,936	468,012	499,343	444,026	493,391	164,645	8,374,124
Sep 2009	3,057,997	1,399,080	1,437,829	644,623	485,696	530,651	460,079	531,319	171,545	8,718,819
Change	105,086	53,743	53,306	22,687	17,684	31,308	16,053	37,928	6,900	344,695
% Change	3.56	3.99	3.85	3.65	3.78	6.27	3.62	7.69	4.19	4.12



3.2.2 Number of Driving Licence Cards Expired

The information in Table 20 below shows that at the end of September 2009 there were a total of 1,095,603 expired driving licence cards recorded on the National Traffic Information System (NaTIS). This figure represents 12,57% of all driving licences issued. This information is also reflected in the graph below.

Sept 2009	Table 20 : Number of Driving Licence Cards Issued and Expired per Province									
Category	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
On system	3,057,997	1,399,080	1,437,829	644,623	485,696	530,651	460,079	531,319	171,545	8,718,819
Not expired	2,698,427	1,210,223	1,278,947	508,887	419,566	469,703	408,803	475,509	153,151	7,623,216
Expired	359,570	188,857	158,882	135,736	66,130	60,948	51,276	55,810	18,394	1,095,603
% Expired	11.76	13.50	11.05	21.06	13.62	11.49	11.15	10.50	10.72	12.57

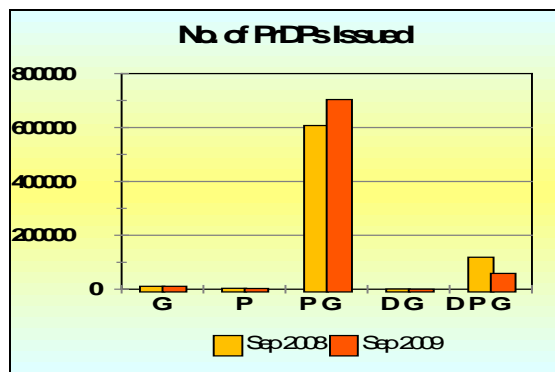


3.3 Professional Driving Permits Issued and Expired

3.3.1 Number of Professional Driving Permits Issued

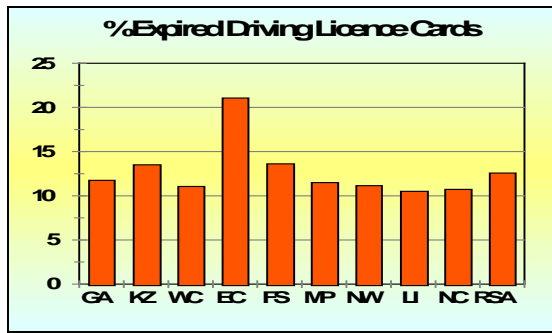
The number of Professional Driving Permits (PrDP's) issued increased by 36,016 (4,87%) from 740,082 at the end of September 2008 to 776,098 at the end of September 2009. Detail on the number of PrDPs issued per category is given in Table 21 and graphically reflected in the figure below.

Table 21 : Number of PrDP's Issued				
Category	Sep 2008	Sep 2009	Change	% Change
G	10,561	11,104	543	5.14
P	3,118	2,379	-739	-23.70
P G	607,392	703,851	96,459	15.88
D G	680	222	-458	-67.35
D P G	118,331	58,542	-59,789	-50.53
Total	740,082	776,098	36,016	4.87



Provincial information in this regard is given in Table 22 and the percentage change with regard to all categories of PrDPs issued per Province is reflected in the graph below.

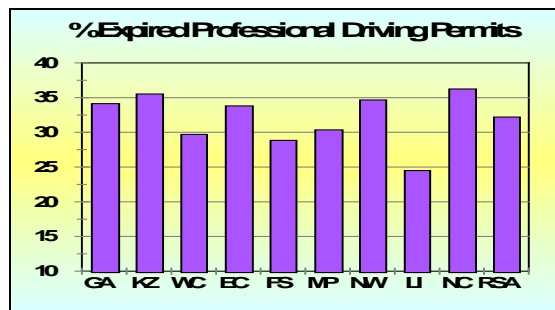
Table 22 : Number of Professional Driving Permits (PrDP's) Issued per Province										
Year	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
Sep 2008	207,570	125,206	99,464	58,989	49,979	65,034	45,903	67,422	20,515	740,082
Sep 2009	213,316	129,936	106,949	60,978	52,128	69,314	48,686	74,514	20,277	776,098
Change	5,746	4,730	7,485	1,989	2,149	4,280	2,783	7,092	(238)	36,016
% Change	2.77	3.78	7.53	3.37	4.30	6.58	6.06	10.52	-1.16	4.87



3.3.2 Number of Expired PrDPs

The information in Table 23 below shows that at the end of September 2009 there were a total of 249,912 expired Professional Driving Permits (PrDPs) recorded on the National Traffic Information System (NaTIS). This figure represents 32,20% of all PrDPs issued. This information is also reflected in the graph below.

Sept 2009	Table 23 : Number of Professional Driving Permits (PrDPs) Issued and Expired per Province									
Category	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
On system	213,316	129,936	106,949	60,978	52,128	69,314	48,686	74,514	20,277	776,098
Not expired	140,484	83,785	75,183	40,370	37,094	48,276	31,806	56,262	12,926	526,186
Expired	72,832	46,151	31,766	20,608	15,034	21,038	16,880	18,252	7,351	249,912
% Expired	34.14	35.52	29.70	33.80	28.84	30.35	34.67	24.49	36.25	32.20



Detailed information on the number of learner licences, driving licences and PrDPs per Province is provided in the tables under **Annexure C**.

4. Fatal Road Traffic Crashes and Fatalities

4.1 Number of Fatal Crashes

Over the 12-month period from 1 October 2008 to 30 September 2009 the number of fatal crashes decreased by 596 (5,33%) from 11,177 crashes over the same period the previous year to 10,582. Provincial detail in this regard is given in Table 24 below.

Table 24 : Number of Fatal Crashes per Province over 12 Month Period										
Year	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
2007-08	2,560	2,074	1,373	1,139	666	1,150	901	1,054	260	11,177
2008-09	2,042	2,234	1,072	1,014	719	1,270	845	1,155	230	10,581
change	-518	160	-301	-125	53	120	-56	101	-30	-596
% change	-20.23	7.71	-21.92	-10.97	7.96	10.43	-6.22	9.58	-11.54	-5.33

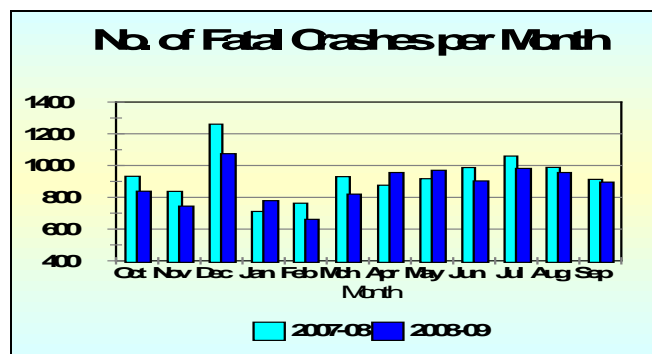
With the exception of KwaZulu-Nata, Free State, Mpumalanga and Limpopo, decreases in the number of fatal crashes were recorded in all other Provinces. On a provincial percentage basis the biggest decreases over the 12-month period from 1 October to 30 September 2009 were recorded as follows:

- Western Cape : decrease of 301 (21,92%) from 1,373 to 1,072
- Gauteng : decrease of 518 (20,23%) from 2,560 to 2,042
- Northern Cape : decrease of 30 (11,54%) from 260 to 230
- Eastern Cape : decrease of 125 (10,97%) from 1,1373 to 1,014;
and

In Mpumalanga the number of fatal crashes increased by 120 (10,43%) from 1,150 during 2007-2008 to 1,270 during 2008-2009. In Limpopo the number of fatal crashes increased by 101 (9,58%) from 1,054 to 1,155, Free State and KwaZulu-Natal each with an increased of more 7%.

The monthly number of fatal crashes over the two comparative 2 year periods is given in Table 25 and graphically reflected in the figure below.

Month	2007-08	2008-09	Change	% change
Oct	932	838	-94	-10.09
Nov	837	745	-92	-10.99
Dec	1,261	1,075	-186	-14.75
Jan	711	779	68	9.56
Feb	763	661	-102	-13.37
Mch	930	820	-110	-11.83
Apr	876	956	80	9.13
May	917	970	53	5.78
Jun	988	903	-85	-8.60
Jul	1,060	982	-78	-7.36
Aug	989	956	-33	-3.34
Sep	913	896	-17	-1.86
Total	11,177	10,581	-596	-5.33



The number of fatal crashes per month per province is given in the table attached under **Annexure D**.

4.2 Number of Fatalities

Over the 12-month period from 1 October 2008 to 30 September 2009 the number of fatalities decreased by 604 (4,23%) from 14,283 fatalities over the same period the previous year to 13,679. Provincial detail in this regard is given in Table 26 below.

Year	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
2007-08	2,866	2,564	1,637	1,571	907	1,634	1,175	1,331	358	14,044
2008-09	2,288	2,926	1,294	1,447	949	1,860	1,154	1,483	308	13,709
change	-578	361	-343	-124	42	226	-21	152	-50	-335
% change	-20.17	14.09	-20.94	-7.89	4.60	13.80	-1.77	11.42	-13.95	-2.39

With the exception of KwaZulu-Natal, Free State, Mpumalanga and Limpopo all other Provinces recorded decreases in fatalities. On a provincial percentage basis the biggest decreases were recorded as follows:

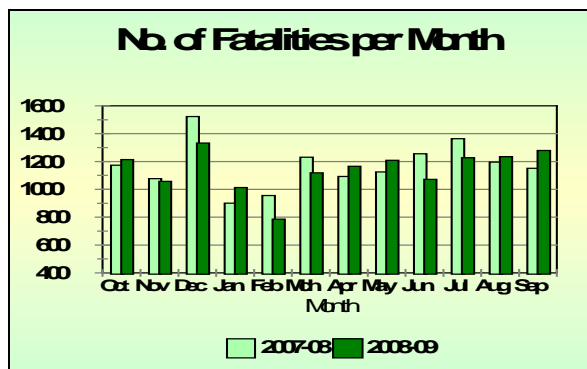
- Western Cape : decrease of 343 (20,94) from 1,637 to 1,294

- Gauteng : decrease of 578 (20,17%) from 2,866 to 2,288; and
- Northern Cape : decrease of 50 (13,95%) from 358 to 308

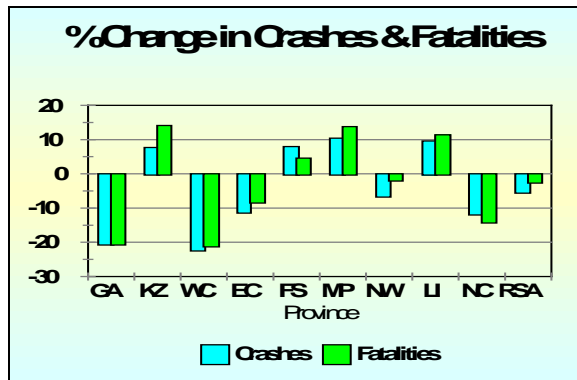
In KwaZulu Natal the number of fatalities increased by 361 (14,09) from 2,564 to 2,288. In Mpumalanga the number of fatalities increased by 226 (13,80%) from 1,634 to 1,869 and in Limpopo the number of fatalities increased by 152 (11,42%) from 1,331 to 1,483.

The national monthly number of fatalities over the 12-month period is given in Table 27 and graphically reflected in the figure below.

Table 27 : Monthly Number of Fatalities				
Month	2007-08	2008-09	Change	% change
Oct	1,174	1,213	40	3.38
Nov	1,077	1,058	-19	-1.79
Dec	1,523	1,333	-190	-12.47
Jan	900	1,013	113	12.55
Feb	955	787	-169	-17.66
Mch	1,231	1,119	-112	-9.10
Apr	1,093	1,165	73	6.64
May	1,125	1,208	83	7.37
Jun	1,255	1,072	-183	-14.60
Jul	1,363	1,227	-137	-10.03
Aug	1,196	1,235	39	3.25
Sep	1,151	1,279	128	11.12
Total	14,044	13,709	-335	-2.39



The percentage change in the number of fatal crashes and fatalities over the 12-month period from 1 October 2008 to 30 September 2009 in comparison with the same period the previous year per province is reflected in the graph below.

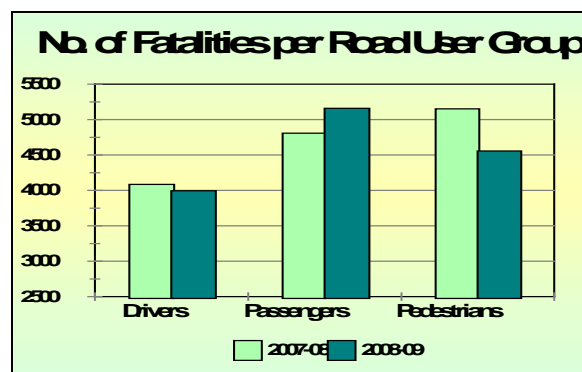


The number of fatalities per month per province is given in the table attached under **Annexure E**.

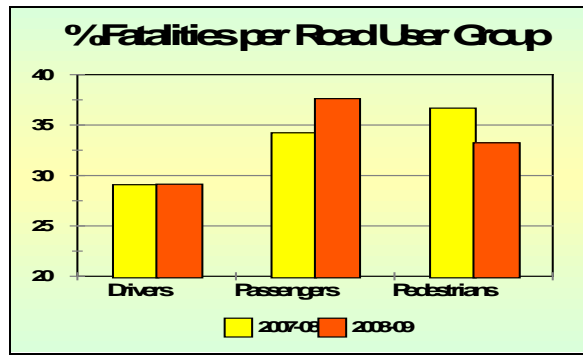
4.3 Number of Fatalities per Road User Group

The information in Table 28 below shows that driver fatalities decreased by 91 (2,22%) to 3,995; passenger fatalities increased by 351 (7,29%) to 5,158 and pedestrian fatalities decreased by 595 (11,55%) to 4,557 over the 12-month period from 1 October 2008 to 30 September 2009.

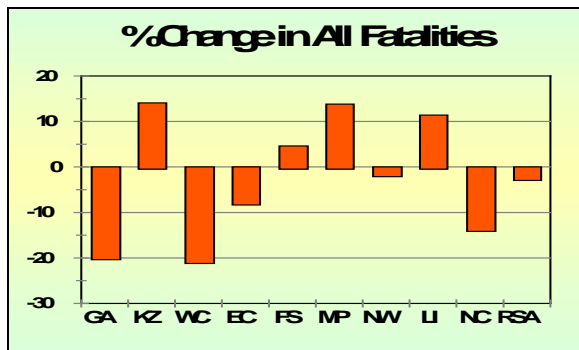
User Group	2007-08	2008-09	Change	% Change
Drivers	4,085	3,995	-91	-2.22
Passengers	4,807	5,158	351	7.29
Pedestrians	5,152	4,557	-595	-11.55
Total	14,044	13,709	-335	-2.39



The percentage fatalities per road user group for the two comparative years are reflected in the figure below. During 2008-2009 driver fatalities were 29,14%, passengers 37,62% and pedestrians 33,24% of all fatalities.



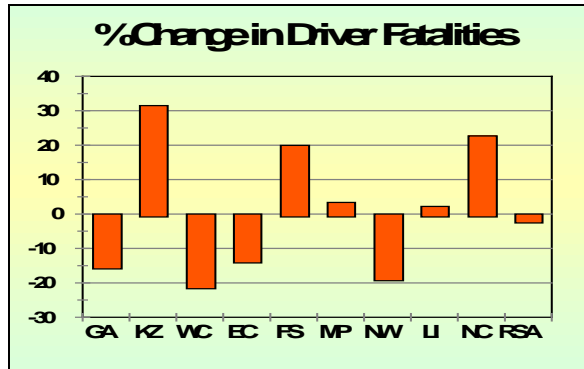
The percentage change in all fatalities per Province is shown in the figure below.



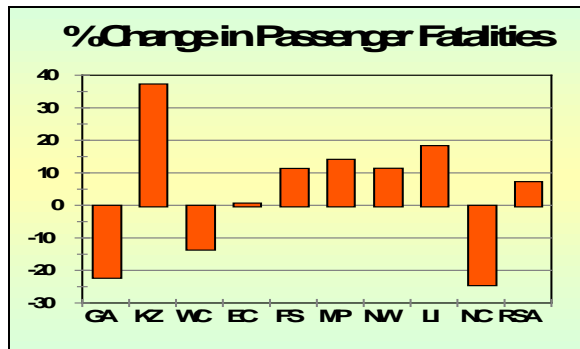
The number of fatalities per road user group per Province for the two respective 12-month periods is shown in Table 29 below.

Year	User Group	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
2007-08	Drivers	892	534	500	381	282	564	397	425	111	4,085
	Passengers	647	791	459	696	380	693	445	533	162	4,807
	Pedestrians	1,327	1,239	678	494	246	377	333	373	86	5,152
	Total	2,866	2,564	1,637	1,571	907	1,634	1,175	1,331	358	14,044
2008-09	Drivers	754	703	395	329	338	583	323	434	136	3,995
	Passengers	507	1,087	398	701	423	792	496	631	123	5,158
	Pedestrians	1,027	1,137	501	417	188	485	336	417	49	4,557
	Total	2,288	2,926	1,294	1,447	949	1,860	1,154	1,483	308	13,709
Change	Drivers	-137	168	-105	-51	56	19	-75	9	25	-91
	Passengers	-140	295	-61	5	43	98	51	98	-39	351
	Pedestrians	-301	-102	-177	-77	-58	109	3	44	-36	-595
	Total	-578	361	-343	-124	42	226	-21	152	-50	-335
% Change	Drivers	-15.42	31.51	-21.03	-13.51	19.94	3.35	-18.77	2.22	22.70	-2.22
	Passengers	-21.64	37.31	-13.24	0.70	11.34	14.15	11.40	18.38	-23.91	7.29
	Pedestrians	-22.66	-8.25	-26.09	-15.67	-23.42	28.82	0.94	11.92	-42.56	-11.55
	Total	-20.17	14.09	-20.94	-7.89	4.60	13.80	-1.77	11.42	-13.95	-2.39

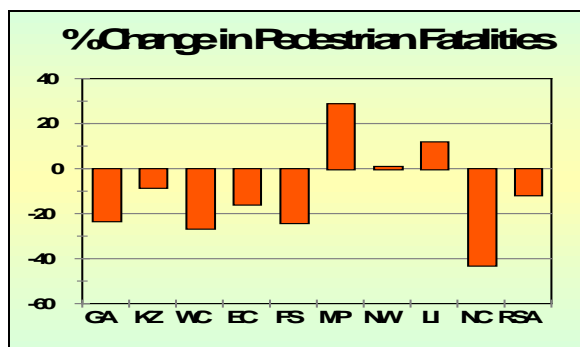
The percentage (%) changes in fatalities per specific road user group from 2007-2008 to 2008-2009 per province are also reflected in the figures below.



The information in the graph above shows that the biggest decrease in the number of driver fatalities was recorded in Western Cape with a decrease of 21,03% and North West with a decrease of 18,77%. An increase in driver fatalities of 31,51% was recorded in KwaZulu-Natal followed by Northern Cape with an increase of 22.70%.



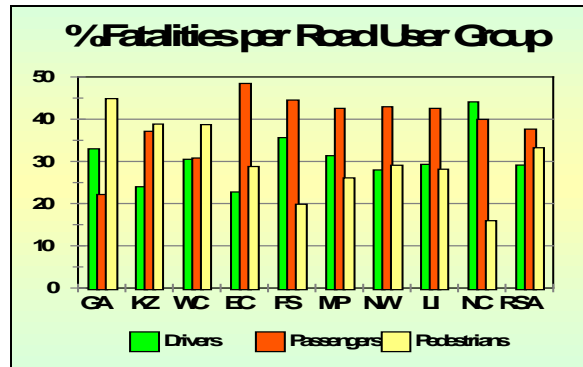
The information in the graph above shows that the biggest decrease in the number of passenger fatalities was recorded in the Northern Cape with a decrease of 23,91% followed by Gauteng with 21,91%. An increase of 37,31% in passenger fatalities was recorded in KwaZulu-Natal followed by.



The information in the graph above shows that, on a percentage basis, the biggest decrease in the number of pedestrian fatalities was recorded in the Northern Cape with a decrease of 42,56% followed by the Western Cape with a decrease of 26,09%.

Decreases of more than 10% were also recorded in Gauteng, Free State and Eastern Cape. An increase of 28,82% in pedestrian fatalities was recorded in Mpumalanga.

The combined percentages of road user group fatalities (drivers, passengers and pedestrians) per Province for the 2008-2009 financial year is also reflected in the graph below.



The information in the graph above shows that in Gauteng, KwaZulu-Natal and the Western the main fatality groups were pedestrians – on average about 40,81% of all fatalities. In 6 provinces the main fatality groups were passengers – on average 43,50% all fatalities. In 6 provinces the average pedestrian fatalities were in the order of 24,72% of all fatalities.

More detail on the number of fatalities per road user group per month per province for the years 2007-2008 and 2008-2009 is given in the table attached under **Annexure F**.

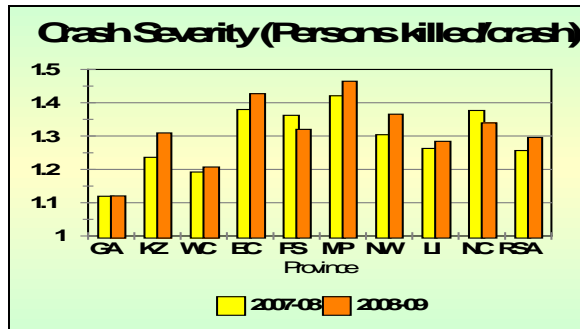
4.4 Severity of Fatal Crashes

The severity of fatal crashes increased by 0,039 (3,11%) from 1,257 during 2007-2008 to 1,296 during 2008-2009. The individual provincial severity rates are shown in Table 30 below.

Year	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
2007-08	1.120	1.236	1.192	1.380	1.362	1.421	1.304	1.263	1.377	1.257
2008-09	1.120	1.310	1.207	1.427	1.320	1.465	1.366	1.284	1.339	1.296
change	0.001	0.073	0.015	0.048	-0.042	0.043	0.062	0.021	-0.038	0.039
% change	0.08	5.92	1.26	3.46	-3.11	3.05	4.74	1.67	-2.73	3.11

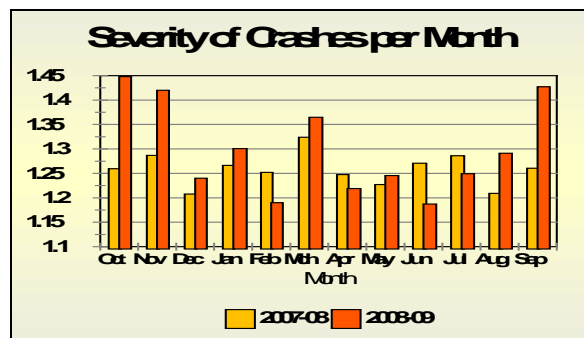
The information in the table above shows that the severity rate in KwaZulu-Natal increased by 0,073 (5,92%) from 1,236 to 1,310; followed by North West with an increase of 4,74%.

Eastern Cape and Mpumalanga shows an increase of more than 3% respectively. A high decrease was recorded for Free State with 3,11% and in the Northern Cape by 2,73%. The provincial rates for the two comparative years in this regard are also reflected in the figure below.



The severity rate per month is given in Table 31 and also reflected in the figure below.

Month	2007-08	2008-09	Change	% change
Oct	1.259	1.448	0.189	14.98
Nov	1.287	1.420	0.133	10.34
Dec	1.208	1.240	0.032	2.67
Jan	1.266	1.301	0.034	2.72
Feb	1.252	1.190	-0.062	-4.95
Mch	1.324	1.365	0.041	3.09
Apr	1.247	1.219	-0.029	-2.29
May	1.227	1.245	0.018	1.50
Jun	1.271	1.187	-0.083	-6.56
Jul	1.286	1.249	-0.037	-2.88
Aug	1.209	1.291	0.082	6.82
Sep	1.261	1.427	0.167	13.23
Total	1.257	1.296	0.039	3.11



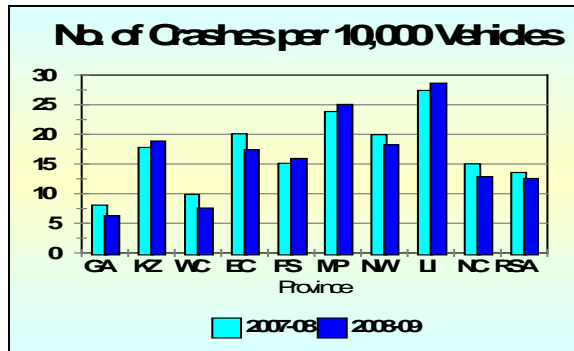
The figure above shows that the three months with exceptionally high severity rates were October 2008, November 2008 and September 2009 with rates of 1,448, 1,420 and 1,427 respectively, which is also the three months in the reporting period with the biggest rate increases, 14,98% for October, 10,34% for November and 13,23% for September 2009.

(These high rates could be ascribed to a large number of high occupancy vehicles, buses and minibuses, involved in fatal crashes).

4.5 Crash and Fatality Rates and Trends per 10,000 Vehicles

The number of fatal crashes per 10,000 registered motorised vehicles decreased by 1,04 (7,64%) from 13,58 during 2007-2008 to 12,55 in the 2008-2009 financial year. Provincial detail in this regard is given in Table 32 and graphically reflected in the figure below.

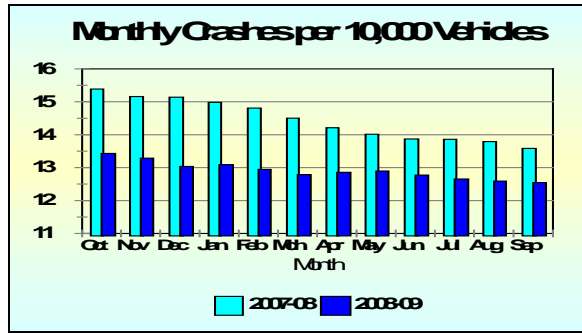
Table 32 : No. of Fatal Crashes per 10,000 Motorised Vehicles										
Year	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
2007-08	8.07	17.79	9.88	20.10	15.11	23.86	19.94	27.42	15.02	13.58
2008-09	6.28	18.86	7.58	17.43	15.93	25.05	18.24	28.64	12.86	12.55
change	-1.79	1.07	-2.29	-2.67	0.82	1.18	-1.69	1.23	-2.16	-1.04
% change	-22.14	6.03	-23.21	-13.26	5.44	4.96	-8.50	4.48	-14.37	-7.64



With the exception of KwaZulu-Natal, Free State, Mpumalanga and Limpopo, all other Provinces recorded decreases. On a Provincial percentage basis the biggest decreases were recorded as follows:

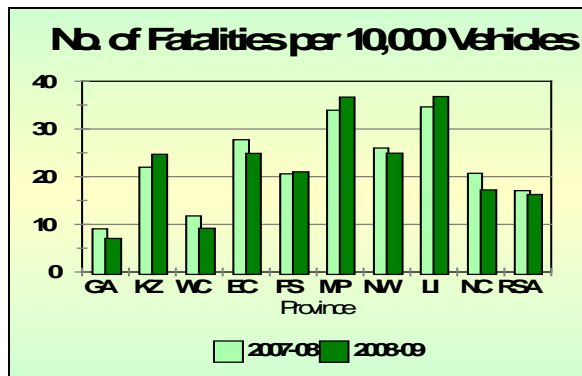
- Western Cape : decrease of 2,29 (23,21) from 9,88 to 7,58
- Gauteng : decrease of 1,76 (22,14%) from 8,07 to a rate of 6,28.
- Northern Cape : decrease of 2,16 (14,37%) from 15,02 to 12,86;
- Eastern Cape : decrease of 2,67 (13,26%) from 20,10 to a rate of 17,43; and

The number of fatal crashes per 10,000 registered motorised vehicles per month for the two respective years 2007-2008 and 2008-2009 are shown in the figure below.



The number of fatalities per 10,000 registered motorised vehicles decreased by 0,81 (4,77%) from 17,07 during 2007-2008 to 16,26 during 2008-2009. Provincial detail in this regard is given in Table 33 and graphically reflected in the figure below.

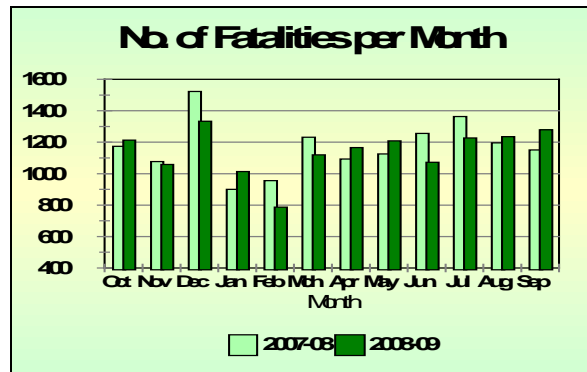
Year	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
2007-08	9.03	21.99	11.77	27.72	20.58	33.91	26.00	34.63	20.69	17.07
2008-09	7.04	24.70	9.15	24.88	21.02	36.68	24.92	36.78	17.23	16.26
change	-1.99	2.71	-2.62	-2.84	0.44	2.77	-1.08	2.16	-3.46	-0.81
% change	-22.08	12.31	-22.24	-10.26	2.16	8.17	-4.16	6.22	-16.71	-4.77



With the exception of KwaZulu-Natal, Mpumalanga and Limpopo, all other Provinces recorded decreases in the number of fatalities per 10,000 vehicles. On a Provincial percentage basis the biggest decreases were recorded as follows:

- Western Cape : decrease of 2,62 (22,24) from 11,77 to 9,15
- Gauteng : decrease of 1,99 (22,08%) from 9,03 to a rate of 7,04;
- Northern Cape : decrease of 3,46 (16,71%) from 20,69 to a rate of 17,23; and
- Eastern Cape : decrease of 2,84 (10,26%) from 27,72 to a rate of 24,88

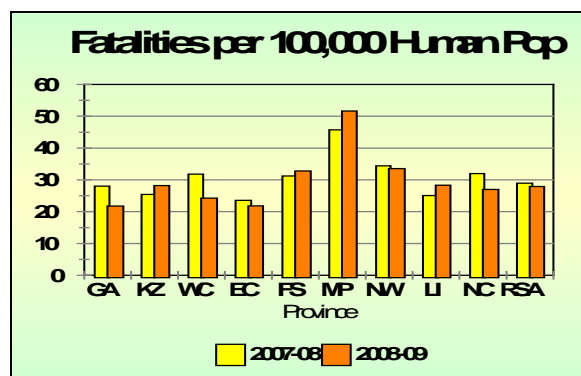
The number of fatalities per 10,000 registered motorised vehicles per month for the two 12-month periods is shown in the figure below.



4.6 Number of Fatalities per 100,000 Human Population

The number of fatalities per 100,000 human population decreased by 1,09 (3,76%) from 28,97 during 2007-2008 to 27,89 during 2008-2009. Provincial detail in this regard is given in Table 34 and graphically reflected in the figure below.

Year	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
2007-08	28.01	25.41	31.82	23.54	31.24	45.71	34.38	25.07	31.97	28.97
2008-09	21.77	28.23	24.26	21.82	32.77	51.63	33.51	28.31	26.97	27.89
change	-6.24	2.82	-7.56	-1.71	1.52	5.91	-0.87	3.24	-5.00	-1.09
% change	-22.29	11.11	-23.75	-7.27	4.88	12.94	-2.54	12.92	-15.63	-3.76



With the exception of KwaZulu-Natal, Free State, Mpumalanga and Limpopo, all other Provinces recorded decreases in this regard. On a Provincial percentage basis the biggest decreases were recorded as follows:

- Western Cape : decrease of 7,56 (23,75%) from 31,82 to 24,26
- Gauteng : decrease of 6,24 (22,29%) from 28,01 to a rate of 21,77;

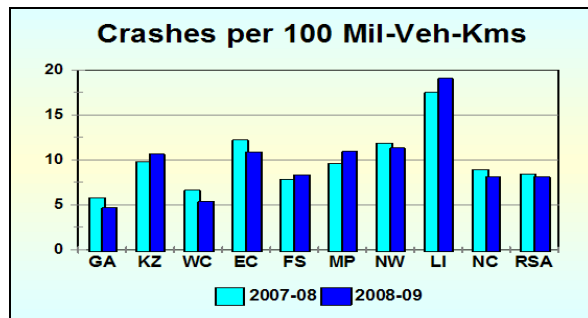
- Northern Cape : decrease of 5,00 (15,63%) from 31,97 to a rate of 26,97.

4.7 Crashes and Fatalities per MVK travelled

4.7.1 Number of Fatal Crashes in terms of MVK travelled

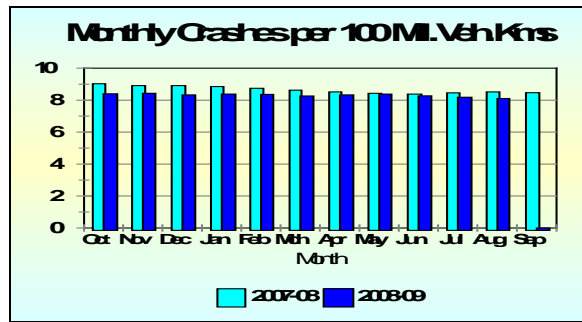
The number of fatal crashes per 100 million vehicle kilometres travelled by all motorised vehicles decreased by 0,33 (3,91%) from 8,42 during 2007-2008 to 8,09 in the 2008-2009 financial year. Provincial detail in this regard is given in Table 35 and graphically reflected in the figure below.

Table 35 : No. of Fatal Crashes per 100 Mil.Veh.Kms Travel										
Year	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
2007-08	5.76	9.80	6.61	12.18	7.84	9.58	11.85	17.49	8.90	8.42
2008-09	4.66	10.64	5.35	10.88	8.34	10.92	11.30	19.03	8.13	8.09
change	-1.10	0.84	-1.26	-1.29	0.50	1.33	-0.54	1.55	-0.77	-0.33
% change	-19.12	8.53	-19.04	-10.63	6.39	13.93	-4.58	8.85	-8.60	-3.91



With the exception of KwaZulu-Natal, Free State, Mpumalanga and Limpopo, all other Provinces recorded decreases. On a Provincial percentage basis the biggest decreases were recorded as follows:

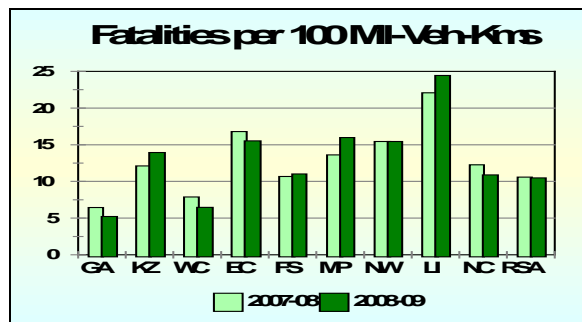
- Gauteng : decrease of 1,10 (19,12%) from 5,76 to a rate of 4,66
- Western Cape : decrease of 1,26 (19,04) from 6,61 to 5,35
- Eastern Cape : decrease of 1,29 (10,63%) from 12,18 to a rate of 10,88



4.7.2 Number of Fatalities in terms of MVK travelled

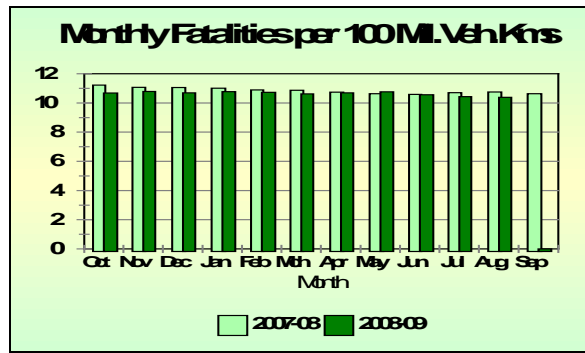
The number of fatalities per 100 million vehicle kilometres travelled by all motorised vehicles decreased by 0,10 (0,91%) from 10,58 during 2007-2008 to 10,48 in the 2008-2009 financial year. Provincial detail in this regard is given in Table 36 and graphically reflected in the figure below.

Year	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
2007-08	6.45	12.12	7.87	16.80	10.68	13.62	15.45	22.09	12.26	10.58
2008-09	5.22	13.93	6.46	15.53	11.01	15.99	15.44	24.44	10.90	10.48
change	-1.23	1.81	-1.42	-1.27	0.33	2.37	-0.01	2.36	-1.36	-0.10
% change	-19.06	14.95	-18.02	-7.53	3.08	17.41	-0.06	10.67	-11.09	-0.91



With the exception of KwaZulu-Natal, Free State, Mpumalanga and Limpopo, all other Provinces recorded decreases. On a Provincial percentage basis the biggest decreases were recorded as follows:

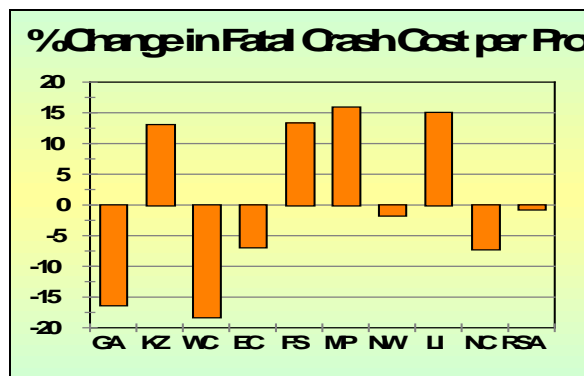
- Gauteng : decrease of 1,23 (19,06%) from 6,45 to a rate of 5,22
- Western Cape : decrease of 1,42 (18,02) from 7,87 to 6,46
- Northern Cape : decrease of 1,36 (11,09%) from 12,26 to a rate of 10,90



4.8 Estimated Cost of Fatal Crashes per Province – Rand Million

The estimated cost of fatal crashes decreased by 77,68 (0,60%) from 12 967,67 during 2007-2008 to 12 890,00 in the 2008-2009 financial year. Provincial detail in this regard is given in Table 37 and graphically reflected in the figure below.

Year	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
2007-08	2 970.14	2 406.28	1 592.97	1 321.48	772.70	1 334.24	1 045.35	1 222.86	301.65	12 967.67
2008-09	2 487.61	2 721.51	1 305.93	1 235.28	875.90	1547.14	1 029.40	1 407.05	280.19	12 890.00
change	-482.53	315.23	-287.04	-86.20	103.20	212.90	-15.95	184.18	-21.46	-77.68
% change	-16.25	13.10	-18.02	-6.52	13.36	15.96	-1.53	15.06	-7.12	-0.60



With the exception of KwaZulu-Natal, Free State, Mpumalanga and Limpopo, all other Provinces recorded decreases. On a Provincial percentage basis the biggest decreases were recorded as follows:

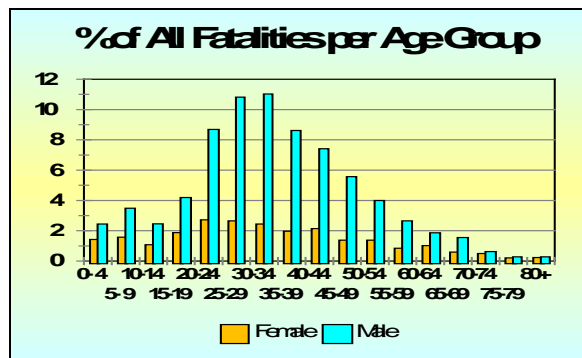
- Western Cape : decrease of 287,04 (18,02) from 1 592.97 to 1 305.93
- Gauteng : decrease of 482,53 (16,25%) from 2 970.14 to a rate of 2 487.61

5. Fatalities per Age Group, Gender, Day-of-Week & Time-of-Day

5.1 Fatalities per Age Group and Gender

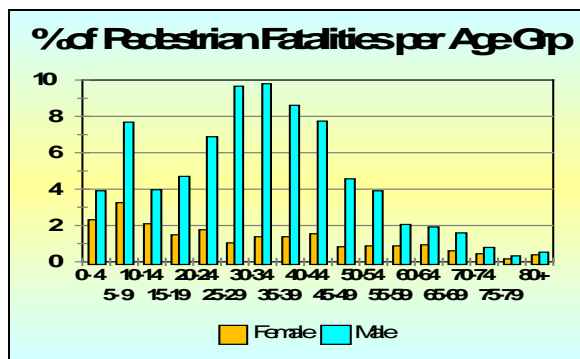
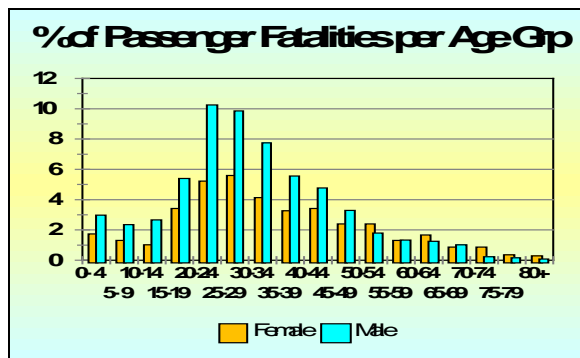
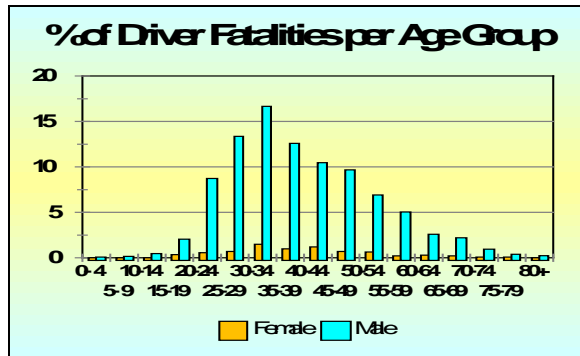
The percentage of fatalities per age group and gender for the year 2008-2009 (only for the cases where this information is available) are given in Table 38 and reflected in the graph below.

Age group	Driver		Passenger		Pedestrian		Total		Total
	Female	Male	Female	Male	Female	Male	Female	Male	
0- 4	0.00	0.08	1.74	2.97	2.31	3.91	1.42	2.44	3.86
5- 9	0.00	0.16	1.31	2.35	3.25	7.68	1.57	3.48	5.05
10-14	0.00	0.47	1.02	2.66	2.09	3.97	1.08	2.46	3.54
15-19	0.35	2.04	3.41	5.40	1.49	4.70	1.88	4.19	6.07
20-24	0.56	8.73	5.23	10.25	1.76	6.88	2.72	8.69	11.40
25-29	0.70	13.37	5.59	9.86	1.05	9.66	2.66	10.82	13.47
30-34	1.48	16.67	4.14	7.75	1.38	9.80	2.45	11.03	13.47
35-39	0.99	12.58	3.27	5.55	1.38	8.61	1.97	8.62	10.59
40-44	1.20	10.46	3.41	4.77	1.54	7.74	2.15	7.42	9.56
45-49	0.70	9.67	2.40	3.29	0.83	4.57	1.38	5.57	6.95
50-54	0.63	6.92	2.40	1.80	0.88	3.91	1.38	3.99	5.37
55-59	0.21	5.03	1.31	1.33	0.88	2.05	0.85	2.65	3.49
60-64	0.28	2.59	1.67	1.25	0.94	1.92	1.02	1.87	2.89
65-69	0.21	2.20	0.87	1.02	0.61	1.59	0.59	1.55	2.14
70-74	0.07	0.94	0.87	0.23	0.44	0.79	0.49	0.63	1.12
75-79	0.07	0.39	0.36	0.16	0.17	0.33	0.21	0.28	0.50
80+	0.00	0.24	0.29	0.08	0.39	0.53	0.24	0.27	0.51
Total	7.46	92.54	39.29	60.71	21.36	78.64	24.05	75.95	100.00



The above information shows that in the order of 24,05% road fatalities during 2008-2009 were female and 75,95% male. 92,54% of all drivers killed in crashes were male and 7,46% female. The age group with the highest percentage fatalities is between the ages of 25 to 29 years with a total of 13,47%, of which 2,66% is female and 10,82% male, as a percentage of the total fatalities. Followed by age group between 30 to 34 with a total of 13,47%, of which 2,45% is females and 11,03% is for males.

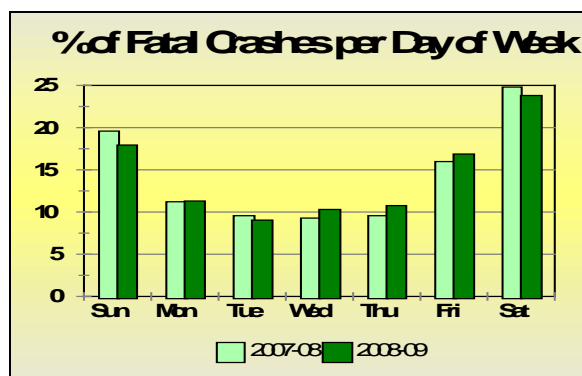
The percentage of fatalities per road user group is also reflected in the graphs below.



5.2 Crashes per Day of Week

The percentage of fatal crashes per day of the week per province during the year 2008-2009 is given in Table 39 and the national figures in this regard for both 2007-2008 and 2008-2009 graphically reflected in the figure below.

Province	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Total
Gauteng	19.23	11.67	8.50	9.92	10.80	16.33	23.55	100
Kwa-Zulu Natal	15.55	12.36	10.47	11.96	11.17	16.45	22.03	100
Western Cape	16.38	9.89	9.43	9.27	10.20	19.78	25.04	100
Eastern Cape	19.19	10.61	8.25	9.93	13.30	13.80	24.92	100
Free State	20.31	7.69	8.92	9.85	9.54	18.77	24.92	100
Mpumalanga	17.33	11.96	8.59	11.20	11.04	15.95	23.93	100
North West	20.00	11.69	7.42	8.99	10.56	19.55	21.80	100
Limpopo	17.89	12.05	9.59	9.82	9.47	16.96	24.21	100
Northern Cape	12.63	7.37	10.53	13.68	8.42	15.79	31.58	100
Total	17.94	11.30	9.04	10.30	10.76	16.87	23.79	100



The information above shows that almost one quarter (23,79%) of the weekly crashes happen on a Saturday. During 2007-2008 60,38% of all fatal crashes happened over weekends from Friday to Sunday. During 2008-2009 this percentage change to 58,61%.

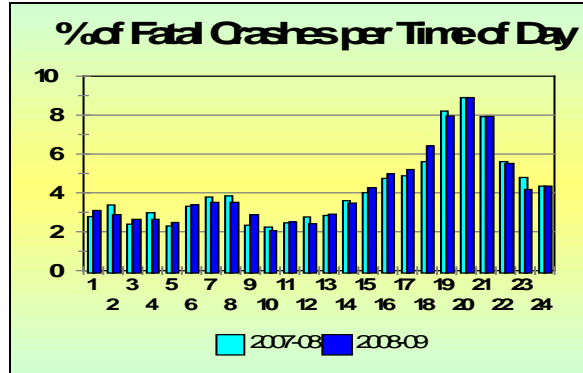
The Province with the highest Friday percentage is the Western Cape (19,78%) followed by the North west with 19,55%.

The Province with the highest Saturday percentage of fatal crashes is the Northern Cape (31,58%) followed by Western Cape with 25,04%.

The Province with the highest Sunday percentage of fatal crashes is Free State (20,31%) followed by North West with 20,00% and Gauteng with 19,23%.

5.3 Number of Crashes per Time of Day

The percentage of fatal crashes per time of day during 2007-2008 and 2008-2009 is reflected in the graph below.



The above information shows the following percentage of crashes for the respective hours of the day during 2008-2009:

- From 18:00 to 19:00 : 7,95%;
- From 19:00 to 20:00 : 8,90%; and
- From 20:00 to 21:00 : 7,93%,

which totals to 24,79%, almost one quarter of the daily fatal crashes.

During 2008-2009 in the order of 17,10% of the daily fatal crashes happened during the early hours of the morning, between midnight and 06:00.

In the order of 38,82% of the daily crashes happened between 18:00 in the evening and midnight. 55,92% of the daily crashes happened generally during hours of darkness, between 18:00 in the evening and 06:00 the next morning.

6. Vehicles involved in Fatal Crashes

6.1 Vehicles in Fatal Crashes per Type of Vehicle

The information in Table 40 below shows that :

- The number of all types of vehicles involved in fatal crashes decreased by 882 (5,78%) from 15,254 in 2007-2008 to 14,372 in 2008-2009;
- The number of motorised vehicles involved in fatal crashes decreased by 801 (5,37%) from 14,920 in 2007-2008 to 14,119 in 2008-2009;
- The number of bicycles involved in fatal crashes decreased by 81 (24,34%) from 334 to 252; and
- No animal drawn vehicles were involved in fatal crashes during 2008-2009.

Vehicle Type	2007-08	2008-09	Change	% Change
Motorcars	7,071	6,872	-199	-2.82
Minibuses	1,322	1,225	-97	-7.33
Minibus Taxis	439	602	163	37.14
Buses	385	392	7	1.78
Motorcycles	307	314	7	2.26
LDV's - Bakkies	3,059	2,814	-245	-8.00
Trucks - rigid	408	197	-211	-51.68
Trucks - articulated	524	534	10	1.90
Other and unknown	1,405	1,169	-236	-16.79
Total Motorised	14,920	14,119	-801	-5.37
Bicycle	334	252	-81	-24.34
Animal drawn	0	0	0	0.00
Total	15,254	14,372	-882	-5.78

The information above further shows that, with exception of minibus taxis, buses, motorcycle, and trucks - articulated, all other types of vehicle recorded decreases.

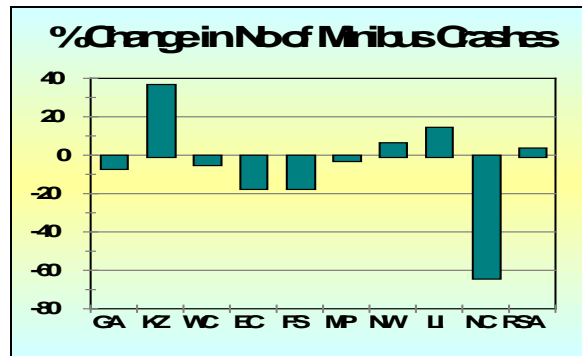
Minibus taxis involved in fatal crashes increased by 163 (37,14%) from 439 to 602.

On a percentage basis, some of the biggest decreases recorded were as follows:

- Rigid trucks: decreased by 211 (51,68%) from 408 to 197;
- Bicycle : decreased by 81 (24,34%) from 334 to 252

The number of all minibuses involved in fatal crashes per province is given in Table 41 and the change reflected in the graph below.

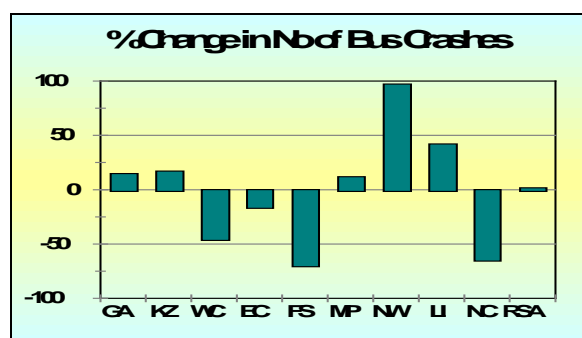
Table 41: Number of All Minibuses Involved in Fatal Crashes per Province										
Year	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
2007-08	273	411	157	273	130	217	129	142	30	1,761
2008-09	255	562	151	228	108	213	137	163	11	1,827
Change	-18	151	-6	-45	-22	-4	8	21	-19	66
% Change	-6.66	36.81	-3.86	-16.57	-17.01	-1.79	6.48	14.50	-63.21	3.75



The information above shows that the number of all minibuses involved in fatal crashes increased by 66 (3,75%) from 1,761 in 2007-2008 to 1,827 in 2008-2009. With the exception of KwaZulu-Natal, North West and Limpopo, all other provinces show a decrease in this regard. On a percentage basis the biggest increase was recorded in the KwaZulu-Natal where the number of minibuses in fatal crashes increased by 151(36,81%) from 411 to 562 in 2008-2009. Followed by Limpopo with an increase of 14,50% and North West with 6,48% respectively.

The number of buses involved in fatal crashes per province is given in Table 42 and the change reflected in the graph below.

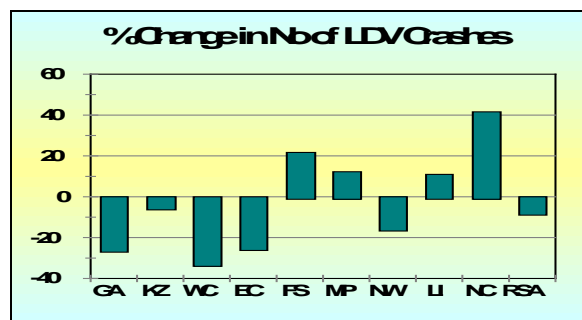
Table 42 : Number of Buses Involved in Fatal Crashes per Province										
Year	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
2007-08	27	67	47	69	10	130	12	18	6	385
2008-09	31	78	25	57	3	146	24	25	2	392
Change	4	11	-21	-11	-7	16	12	7	-4	7
% Change	14.86	17.17	-45.58	-16.26	-68.39	11.99	97.25	42.10	-63.21	1.78



The information above shows that the number of buses involved in fatal crashes increased by 7(1,78%) from 385 in 2007-2008 to 392 in 2008-2009. With the exception of Western Cape, Eastern Cape, Free State and Northern Cape, all other provinces show an increase in this regard. On a percentage basis the biggest increase was recorded in the North West with an increase of 97,25% from 12 to 24, followed by Limpopo where the number of buses increased by 7 (42,10%) from 18 in 2007-2008 to 25 in 2008-2009. The biggest decrease was recorded in the Free State with 68,39%, followed by Northern Cape with 63,21%.

The number of LDVs (bakkies) involved in fatal crashes per province is given in Table 43 and the change reflected in the graph below.

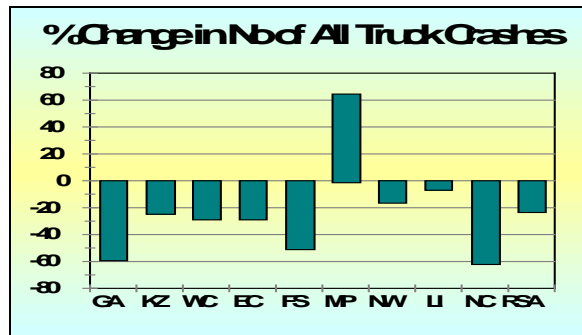
Table 43 : Number of LDVs Involved in Fatal Crashes per Province										
Year	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
2007-08	383	593	334	448	147	405	303	354	91	3,059
2008-09	284	562	223	333	179	455	255	393	129	2,814
Change	-99	-30	-111	-115	32	50	-48	39	38	-245
% Change	-25.89	-5.09	-33.23	-25.70	21.72	12.27	-15.77	10.97	41.56	-8.00



The information above shows that the number of LDVs involved in fatal crashes decreased by 245 (8,00%) from 3,059 in 2007-2008 to 2,814 in 2008-2009. With the exception of Free State, Mpumalanga, Limpopo and Northern Cape all other provinces show decreases in this regard. On a percentage basis the biggest increase was recorded in the Northern Cape with an increase of 38 (41,56%) where the number of LDVs increased from 91 in 2007-2008 to 129 in 2008-2009.

The number of all trucks involved in fatal crashes per province is given in Table 44 and the % change reflected in the graph below.

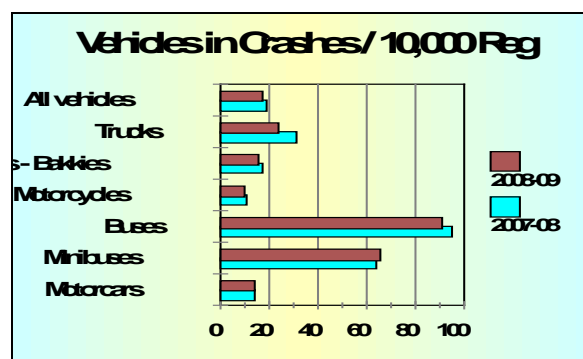
Table 44 : Number of All Trucks Involved in Fatal Crashes per Province										
Year	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
2007-08	144	189	110	128	94	112	53	69	34	932
2008-09	61	143	80	93	47	184	45	65	13	732
Change	-83	-46	-30	-35	47	72	-8	-4	-21	-201
% Change	-57.88	-24.18	-27.05	-27.14	-49.86	64.48	-15.27	-5.67	-61.05	-21.55



The information above shows that the number of all trucks involved in fatal crashes (rigid plus articulated) decreased by 201 (21,55%) from 932 in 2007-2008 to 732 in 2008-2009. With the exception of Mpumalanga all other Provinces recorded decreases. On a percentage basis the biggest decrease was recorded in the Northern Cape with a decrease of 21 (61,05%) where the number of LDVs decreased from 34 in 2007-2008 to 13 in 2008-2009. The biggest increase was recorded in Mpumalanga with 64,48%.

The number of vehicles involved in fatal crashes per 10,000 registered vehicles per type of vehicle, is shown in Table 45 and graphically reflected in the figure below. The general rate decreased by 7,68% from 18,13 to 16,74.

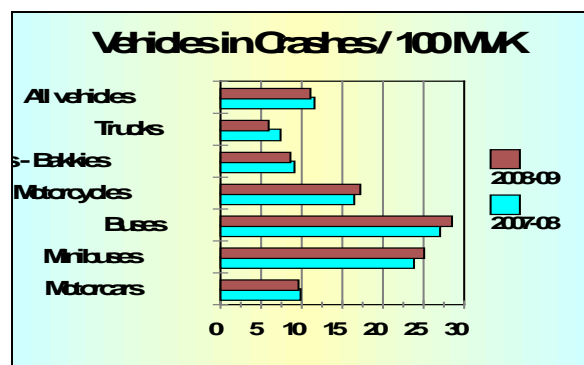
Vehicle Type	2007-08	2008-09	Change	% Change
Motorcars	13.56	12.93	-0.64	-4.68
Minibuses	63.21	64.81	1.60	2.53
Buses	94.56	90.15	-4.41	-4.66
Motorcycles	9.71	9.33	-0.38	-3.94
LDV's - Bakkies	16.52	14.72	-1.80	-10.92
Trucks	30.30	22.91	-7.39	-24.39
All vehicles	18.13	16.74	-1.39	-7.68



The information above shows that with exception of minibuses, decreases were recorded for all types of vehicles. On a percentage basis the biggest decrease was recorded for trucks, 7,39 (24,39%) from 30,30 to 22,91 trucks involved in fatal crashes per 10,000 registered.

The number of vehicles involved in fatal crashes per 100 million vehicle kilometre travelled per type of vehicle, is shown in Table 46 and graphically reflected in the figure below. The general rate decreased by 3,94% from 11,24 to 10,80.

Table 46 : Number of Vehicles in Fatal Crashes / 100 MVK				
Vehicle Type	2007-08	2008-09	Change	% Change
Motorcars	9.54	9.35	-0.19	-2.02
Minibuses	23.59	24.70	1.10	4.68
Buses	26.75	28.29	1.53	5.73
Motorcycles	16.29	16.85	0.56	3.47
LDV's - Bakkies	8.94	8.40	-0.54	-6.03
Trucks	7.02	5.72	-1.30	-18.53
All vehicles	11.24	10.80	-0.44	-3.94



More detailed information on the number of vehicles per type involved in fatal crashes per Province is given in the tables under **Annexure G**.

6.2 Road User Group Fatalities per Type of Vehicle

The number of fatalities per type of vehicle during 2007 and 2008 are given in Table 47 below.

Table 47 : Number of Fatalities per Type of Vehicle				
Vehicle Type	2007-08	2008-09	Change	% Change
Motorcars	6,527	6,569	42	0.64
Minibuses	1,211	1,173	-38	-3.18
Minibus Taxis	402	593	192	47.76
Buses	347	368	21	6.03
Motorcycles	286	301	15	5.18
LDV's - Bakkies	2,817	2,694	-123	-4.35
Trucks - rigid	374	192	-182	-48.67
Trucks - articulated	483	493	10	2.06
Other and unknown	1,285	1,085	-200	-15.59
Total Motorised	13,733	13,468	-264	-1.93
Bicycle	311	241	-71	-22.66
Animal drawn	0	0	0	0
Total	14,044	13,709	-335	-2.39

Amongst others, the information in the table above shows that, with the exception of motorcars, minibus taxis, buses, motorcycles and trucks-articulated, the number of fatalities for all the other types of vehicles decreased. The recorded increases are briefly summarised as follows:

- Minibus taxis : fatalities increased by 192 (47,76%) from 402 to 593; and
- Buses : fatalities increased by 21 (6,03%) from 347 to 368.

Some decreases were recorded as follows:

- Rigid trucks : decrease of 182 (48,67%) from 374 to 192;
- Bicycle ; decrease of 71 (22,66%) from 311 to 241

The number of driver, passenger and pedestrian fatalities per type of vehicle are respectively given in Tables 48, 49 and 50 below.

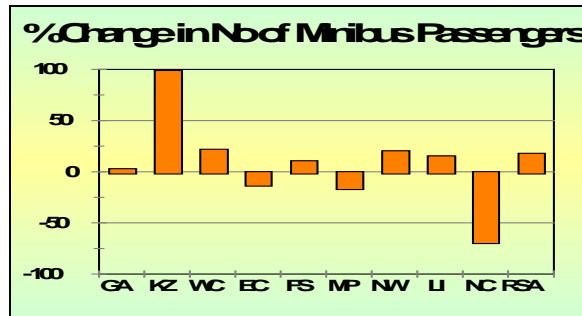
Table 48 : Number of Driver Fatalities per Vehicle Type				
Vehicle Type	2007-08	2008-09	Change	% Change
Motorcars	2,183	2,239	56	2.57
Minibuses	217	231	14	6.33
Buses	11	19	8	69.54
Motorcycles	232	267	34	14.85
LDV's - Bakkies	790	764	-27	-3.37
Trucks	231	152	-80	-34.50
Other and unknown	114	87	-26	-23.19
Total	3,779	3,758	21	-0.55

Table 49 : Number of Passenger Fatalities per Vehicle Type				
Vehicle Type	2007-08	2008-09	Change	% Change
Motorcars	2,183	2,410	226	10.36
Minibuses	864	1,020	156	18.08
Buses	212	239	27	12.96
Motorcycles	18	18	0	-0.48
LDV's - Bakkies	1,094	1,123	30	2.70
Trucks	285	234	-51	-17.95
Other and unknown	146	109	-38	-25.91
Total	4,803	5,153	350	7.29

Table 50 : Number of Pedestrian Fatalities per Vehicle Type				
Vehicle Type	2007-08	2008-09	Change	% Change
Motorcars	2,160	1,920	-241	-11.14
Minibuses	531	515	-17	-3.15
Buses	124	110	-14	-11.48
Motorcycles	36	16	-20	-54.97
LDV's - Bakkies	933	807	-126	-13.45
Trucks	340	299	-41	-12.07
Other and unknown	1,025	889	-136	-13.27
Total	5,150	4,557	-594	-11.53

The number of passenger fatalities in minibus related fatal crashes (minibuses plus minibus taxis) per Province is given in Table 51 and the percentage change reflected in the graph below.

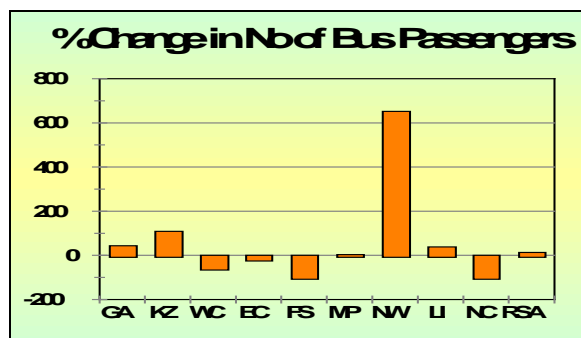
Table 51 : Number of All Minibus Passenger Fatalities per Province										
Year	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
2007-08	103	159	59	167	74	133	79	74	16	864
2008-09	106	315	72	146	82	113	96	85	5	1,020
Change	3	157	13	-20	8	-21	16	11	-11	156
% Change	3.03	98.91	22.02	-12.30	10.73	-15.66	20.53	15.38	-67.85	18.08



The information above shows that the number of all minibus passenger fatalities increased by 156 (18,08%) from 864 in 2007-2008 to 1,020 in 2008-2009. Three provinces recorded decreases and six provinces show increases in this regard. The biggest increase was recorded in KwaZulu-Natal where the number of minibus passenger fatalities increased by 157 (98,91%) from 159 to 315 in 2008-2009.

The number of passenger fatalities in bus related fatal crashes is given in Table 52 and the percentage change reflected in the graph below.

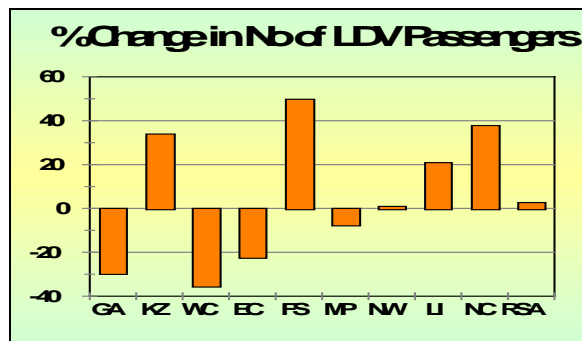
Table 52 : Number of Bus Passenger Fatalities per Province										
Year	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
2007-08	8	25	24	44	4	94	3	9	2	212
2008-09	12	51	10	38	0	97	20	12	0	239
Change	4	27	-14	-6	-4	3	17	3	-2	27
% Change	43.55	108.88	-57.29	-14.30	-100.00	3.09	651.93	38.04	-100.00	12.96



The information above shows that the number of bus passenger fatalities decreased by 27 (12,96%) from 212 in 2007-2008 to 239 in 2008-2009. Four provinces recorded decreases and five provinces show increases in this regard. The biggest increase was recorded in North West where the number of bus passenger fatalities increased by 17 (651,93%) from 3 to 20 in 2008-2009. In KwaZulu-Natal the number of bus passenger fatalities increased by 27 (108,88%) from 25 to 51.

The number of passenger fatalities in LDV (bakkie) related fatal crashes are given in Table 53 and the percentage change reflected in the graph below.

Year	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
2007-08	88	191	101	192	63	151	125	146	38	1,094
2008-09	62	256	66	150	95	140	126	176	52	1,123
Change	-25	65	-35	-41	31	-11	1	30	14	30
% Change	-28.93	33.90	-34.83	-21.58	49.73	-7.19	0.95	20.84	37.78	2.70



The information above shows that the number of LDV (bakkie) passenger fatalities increased by 30 (2,70%) from 1,094 in 2007-2008 to 1,123 in 2008-2009.

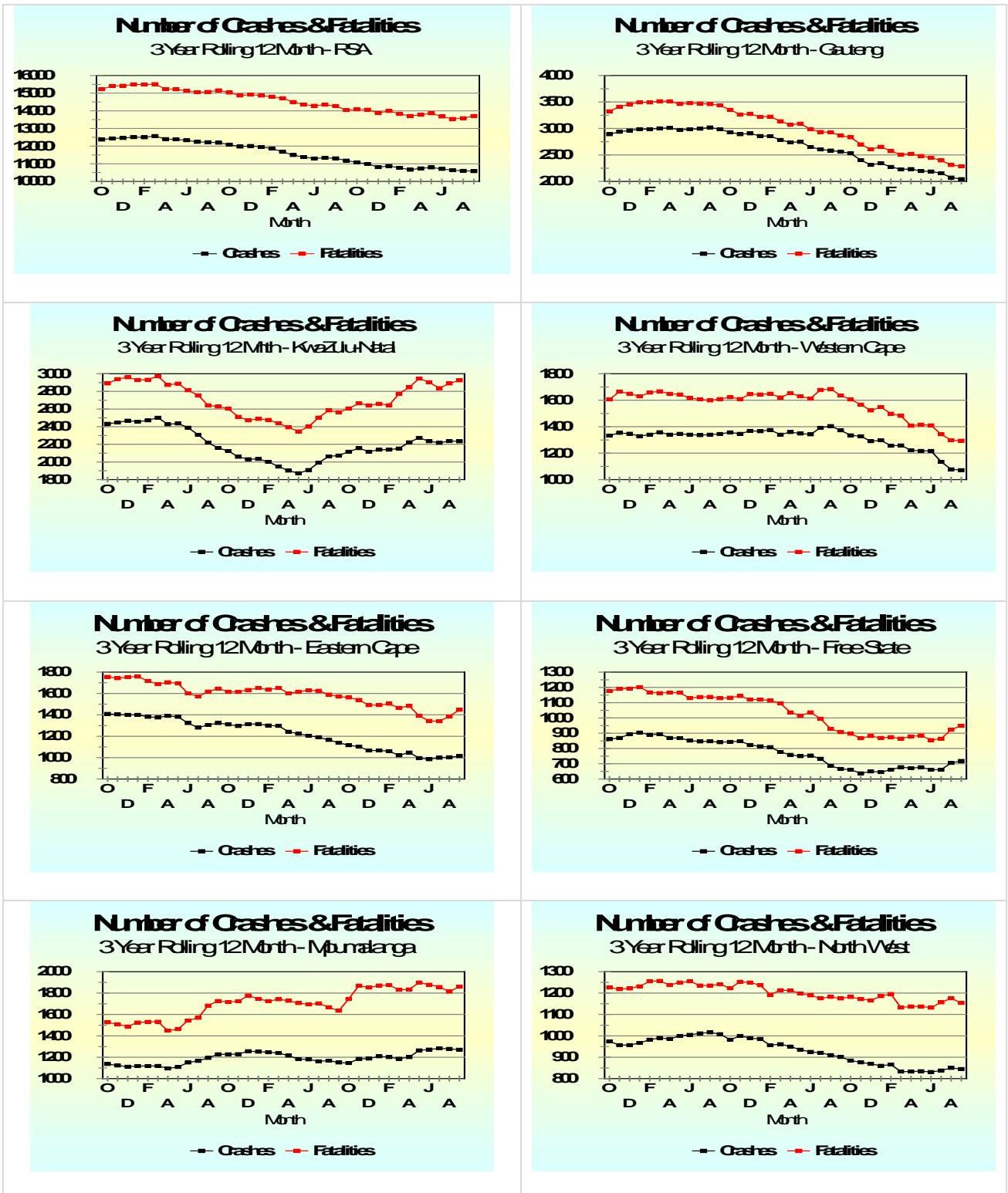
Four Provinces recorded decreases in LDV passenger fatalities: Gauteng (28,93%), Western Cape (34,83%), Eastern Cape (21,58%) and the Mpumalanga (7,19%).

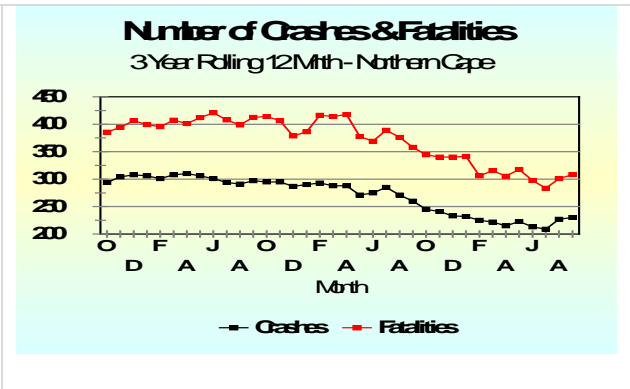
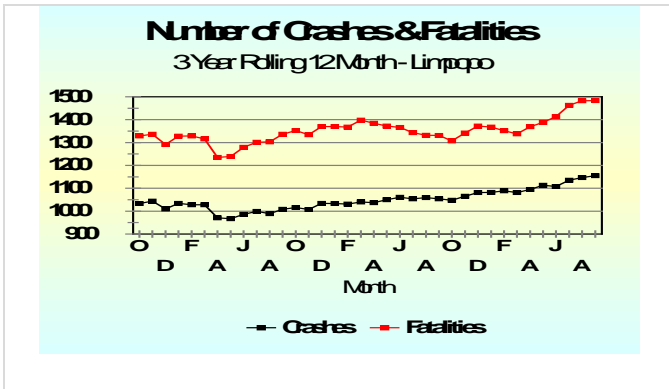
On a percentage basis the biggest increase was recorded in the Free State (49,73%); followed by the Northern Cape with an increase of 37,78% and KwaZulu-Natal with an increase of 33,90%.

More detailed information on the number of fatalities per type of vehicle involved in fatal crashes per Province is given in the tables under **Annexure H**.

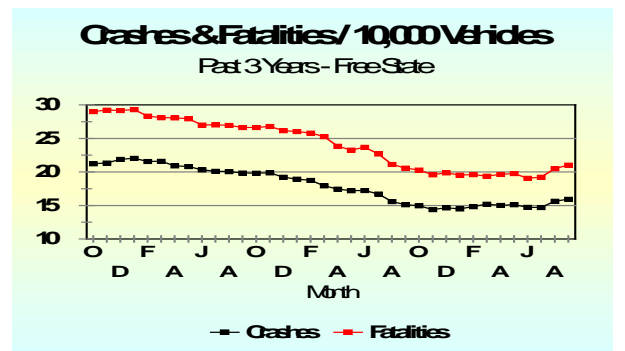
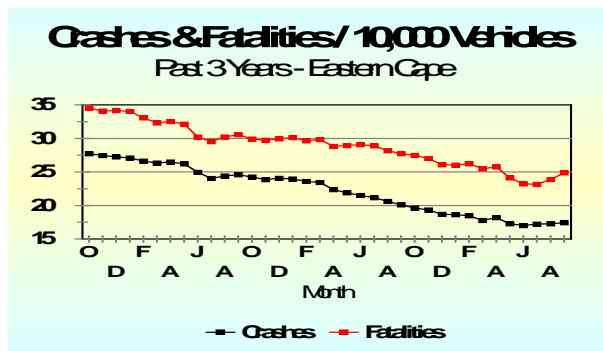
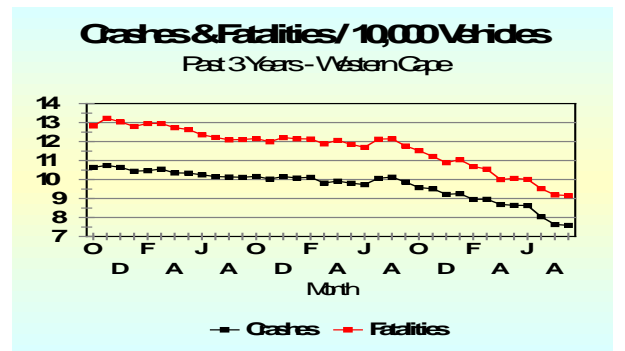
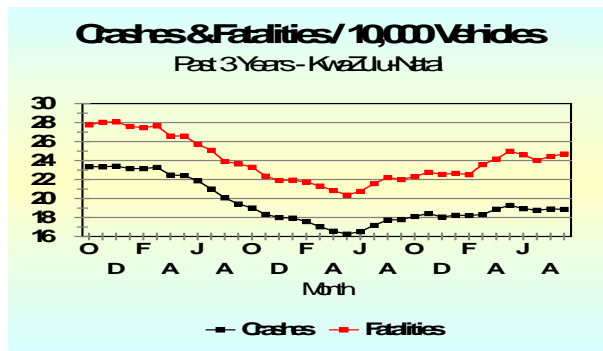
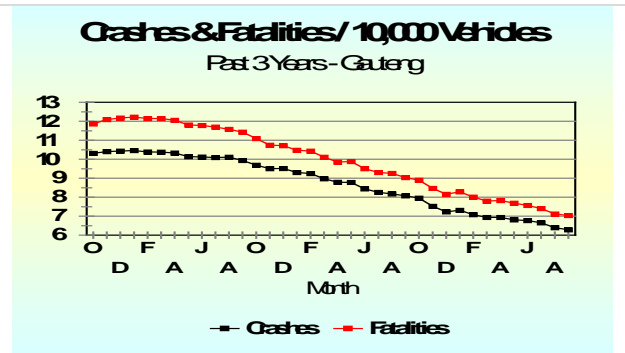
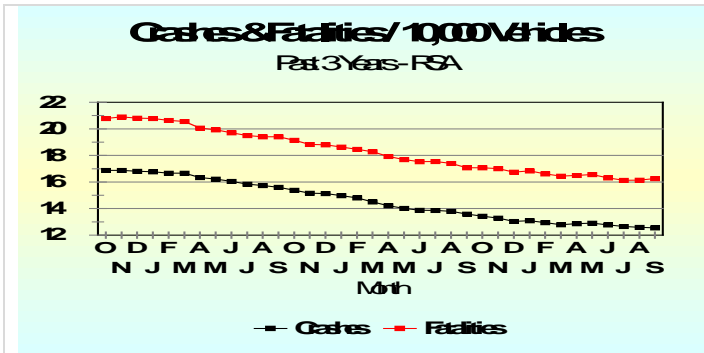
7. Summary : Some graphs reflecting Crash Rates and Trends

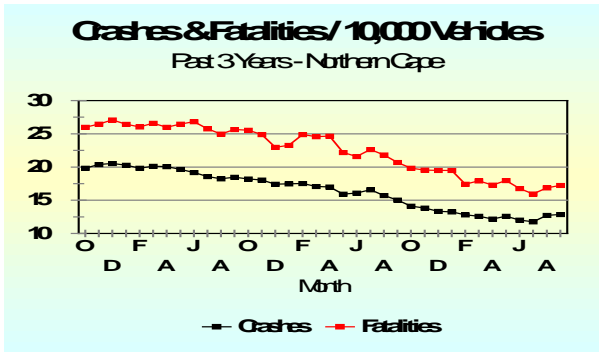
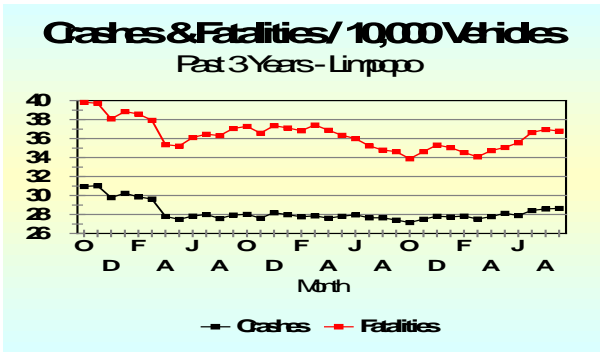
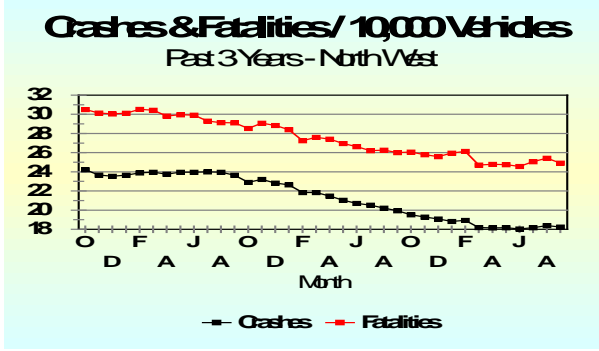
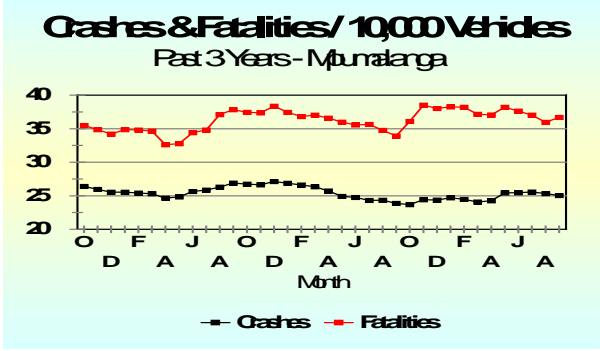
7.1 3-Year Rolling 12-month Number of Fatal Crashes and Fatalities





7.2 Number of Fatal Crashes and Fatalities per 10,000 Registered Vehicles over a period of 3 years





8. Discussion

The level of lawlessness in terms of un-roadworthy vehicles in most (eight) provinces still a challenge. For the reporting period un-licenced vehicles has decreased compared to the previous financial year. These may be seen as a major contributory factor to the number of fatal crashes and fatalities.

Despite the increase in the number of un-roadworthy vehicles, the information in this report clearly indicates a steady decrease in both national number of fatal crashes and fatalities. The driver and pedestrian's fatalities have decreased, however the passenger's fatalities has increased. The increase on passenger's fatalities might be as a result of non-wearing of seatbelts.

The information in this report clearly indicates that the fatal crashes during Saturday and Sunday have decreased with exception of an increase on Friday.

9. Recommendation

In view of the above results; as well as the now fast approaching 2009/2010 Festive Season, it is recommended that:

- All provinces should vigorously increase their respective road safety promotion programmes and projects, with emphasis on increased law enforcement activities which should concentrate of vehicle (lights, tyres, brakes, etc) and driver fitness (driving licence, alcohol, seatbelts, etc) issues and general law compliance issues (speed, overtaking, skipping red traffic signals and stop signs, etc).
- Law enforcement activities should be fully supported by public awareness, communication and educational programmes;
- Particular attention should be given to more proactive and effective road safety promotion efforts in KwaZulu-Natal; Mpumalanga, Limpopo and North West; with emphasis on increased law enforcement activities; and
- In this regard the outcome of the 2008 Road Traffic Offence Survey should be used as the basis for identification and addressing the most critical road traffic offences.

Annexures

A	Vehicle Population per Province	59
B	Un-Roadworthy and Un-Licensed Vehicles	62
C	Number of Learner and Driving Licences and PrDPs	65
D	Number of Fatal Crashes per Province	66
E	Number of Fatalities per Province	69
F	Number of Road User Group Fatalities per Province	70
G	Vehicles in Fatal Crashes	72
H	Fatalities per Type of Vehicle	74
I	Terms and Definitions used in this Report	78

Annexure A-1

Number of Registered Vehicles

Sept 2008	Number of Registered Vehicles per Province									Total RSA
	GA	KZ	WC	EC	FS	MP	NW	LI	NC	
Motorised Vehicles										
Motorcars	2,205,815	742,942	957,159	335,406	247,296	262,036	250,809	185,634	88,947	5,276,044
Minibuses	109,193	42,786	36,168	20,609	12,103	18,944	18,709	18,096	3,676	280,284
Buses	13,661	6,745	5,103	3,531	1,898	3,878	2,886	3,508	1,040	42,250
Motorcycles	126,105	31,083	68,495	21,622	20,453	18,267	17,981	10,229	7,734	321,969
LDV's - Bakkies	610,558	275,346	271,054	157,025	107,641	142,493	125,202	143,288	58,939	1,891,546
Trucks	119,748	49,722	34,922	24,522	19,192	24,061	17,662	18,285	8,357	316,471
Other & Unkwn	35,965	30,329	32,450	13,087	38,403	22,851	26,110	13,163	7,302	219,659
Sub-Total	3,221,045	1,178,953	1,405,351	575,802	446,986	492,530	459,359	392,203	175,995	8,348,223
Towed Vehicles										
Caravans	40,957	8,553	16,587	5,825	7,967	9,122	7,681	4,960	2,932	104,584
Heavy Trailers	47,720	26,096	11,397	11,066	13,335	13,755	9,503	6,022	4,132	143,026
Light Trailers	263,756	66,984	109,080	42,636	54,264	45,821	46,748	28,569	21,405	679,263
Unknown	2,677	1,500	2,384	1,139	2,076	2,053	2,693	1,308	603	16,432
Sub-Total	355,110	103,133	139,448	60,666	77,642	70,751	66,625	40,859	29,072	943,305
All Vehicles	3,576,155	1,282,086	1,544,798	636,468	524,628	563,281	525,984	433,062	205,066	9,291,528

Sept 2009	Number of Registered Vehicles per Province									Total RSA
	GA	KZ	WC	EC	FS	MP	NW	LI	NC	
Motorised Vehicles										
Motorcars	2,250,065	750,878	965,425	343,412	252,266	277,330	254,265	197,439	91,491	5,382,571
Minibuses	110,623	43,289	35,788	20,768	12,046	19,721	18,300	18,759	3,865	283,159
Buses	14,471	6,874	5,169	3,758	2,031	4,324	3,106	3,785	1,116	44,634
Motorcycles	139,741	33,142	74,066	23,980	23,100	22,426	20,500	12,454	8,865	358,274
LDV's - Bakkies	625,193	279,891	272,154	160,714	109,971	149,744	128,012	151,295	60,455	1,937,429
Trucks	122,026	50,356	34,631	24,508	19,230	24,851	17,817	19,227	8,713	321,359
Other & Unkwn	36,590	31,467	33,223	13,839	39,531	25,240	27,187	14,506	7,821	229,402
Sub-Total	3,298,709	1,195,897	1,420,456	590,979	458,175	523,636	469,187	417,465	182,326	8,556,828
Towed Vehicles										
Caravans	40,852	8,608	16,530	5,811	8,024	9,597	7,712	5,170	2,982	105,286
Heavy Trailers	48,981	25,863	11,652	11,041	13,392	14,388	9,770	6,359	4,423	145,869
Light Trailers	274,155	69,500	112,916	45,394	55,652	49,371	48,550	30,781	22,469	708,788
Unknown	2,581	1,574	2,350	1,221	2,099	2,145	2,717	1,356	632	16,673
Sub-Total	366,569	105,545	143,448	63,467	79,167	75,501	68,749	43,666	30,506	976,616
All Vehicles	3,665,277	1,301,442	1,563,903	654,445	537,342	599,136	537,936	461,131	212,832	9,533,444

% Change	Number of Registered Vehicles per Province									Total RSA
	GA	KZ	WC	EC	FS	MP	NW	LI	NC	
Motorised Vehicles										
Motorcars	2.01	1.07	0.86	2.39	2.01	5.84	1.38	6.36	2.86	2.02
Minibuses	1.31	1.18	-1.05	0.77	-0.47	4.10	-2.19	3.66	5.14	1.03
Buses	5.93	1.91	1.29	6.43	7.01	11.50	7.62	7.90	7.31	5.64
Motorcycles	10.81	6.62	8.13	10.91	12.94	22.77	14.01	21.75	14.62	11.28
LDV's - Bakkies	2.40	1.65	0.41	2.35	2.16	5.09	2.24	5.59	2.57	2.43
Trucks	1.90	1.28	-0.83	-0.06	0.20	3.28	0.88	5.15	4.26	1.54
Other & Unkwn	1.74	3.75	2.38	5.74	2.94	10.45	4.12	10.20	7.11	4.44
Sub-Total	2.41	1.44	1.07	2.64	2.50	6.32	2.14	6.44	3.60	2.50
Towed Vehicles										
Caravans	-0.26	0.64	-0.34	-0.24	0.72	5.21	0.40	4.23	1.71	0.67
Heavy Trailers	2.64	-0.89	2.24	-0.23	0.43	4.60	2.81	5.60	7.04	1.99
Light Trailers	3.94	3.76	3.52	6.47	2.56	7.75	3.85	7.74	4.97	4.35
Unknown	-3.60	4.93	-1.43	7.16	1.11	4.46	0.89	3.67	4.90	1.47
Sub-Total	3.23	2.34	2.87	4.62	1.96	6.71	3.19	6.87	4.93	3.53
All Vehicles	2.49	1.51	1.24	2.82	2.42	6.37	2.27	6.48	3.79	2.60

Annexure A-2

Number of All Registered Vehicles per Month

2007										
Number of All Registered Vehicles per Province per Month										
Month	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
Jan	3,307,891	1,198,448	1,450,593	591,072	495,598	518,683	483,274	394,900	184,068	8,624,527
Feb	3,329,720	1,203,861	1,457,771	593,461	497,436	522,138	485,692	397,358	185,044	8,672,481
Mch	3,354,147	1,210,839	1,466,330	596,561	499,736	525,798	483,559	399,020	191,072	8,727,062
Apr	3,372,379	1,216,650	1,471,884	599,163	501,539	527,913	487,717	401,336	191,962	8,770,543
May	3,390,612	1,222,461	1,477,438	601,764	503,342	530,027	491,875	403,651	192,853	8,814,023
Jun	3,408,844	1,228,272	1,482,992	604,366	505,145	532,142	496,033	405,967	193,743	8,857,504
Jul	3,426,784	1,235,304	1,490,158	607,552	506,949	534,721	499,767	409,226	195,142	8,905,603
Aug	3,446,168	1,242,804	1,497,494	610,026	508,479	537,119	503,400	412,136	196,290	8,953,916
Sep	3,461,393	1,248,187	1,502,859	612,370	509,152	539,508	506,078	414,199	197,085	8,990,831
Oct	3,476,337	1,253,897	1,509,448	616,189	510,841	542,309	508,866	416,691	198,269	9,032,847
Nov	3,488,772	1,258,400	1,514,622	618,742	512,133	544,316	511,147	418,996	199,242	9,066,370
Dec	3,486,073	1,258,720	1,515,147	619,448	511,950	545,212	512,130	419,812	199,628	9,068,120
2008										
Number of All Registered Vehicles per Province per Month										
Month	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
Jan	3,510,621	1,263,165	1,524,937	625,973	515,458	548,123	515,501	423,309	200,881	9,127,968
Feb	3,523,905	1,267,310	1,529,166	628,138	517,433	551,351	517,914	425,579	202,051	9,162,847
Mch	3,531,181	1,269,715	1,531,928	629,573	518,545	552,846	519,401	426,618	202,870	9,182,677
Apr	3,545,424	1,273,280	1,536,804	631,410	519,992	554,340	521,403	428,225	203,383	9,214,261
May	3,550,122	1,275,151	1,538,156	632,343	520,815	555,553	522,245	428,990	203,651	9,227,026
Jun	3,553,503	1,276,856	1,539,407	632,674	521,697	556,500	523,328	429,321	204,288	9,237,574
Jul	3,564,996	1,278,983	1,539,870	634,356	522,464	558,651	523,830	430,960	204,737	9,258,847
Aug	3,571,284	1,279,822	1,541,510	635,452	523,632	560,732	524,807	431,793	204,720	9,273,752
Sep	3,576,155	1,282,086	1,544,798	636,468	524,628	563,281	525,984	433,062	205,066	9,291,528
Oct	3,579,799	1,282,550	1,547,910	637,425	525,192	565,511	526,898	434,459	205,479	9,305,223
Nov	3,581,675	1,281,462	1,548,976	637,221	524,798	567,020	525,983	434,765	205,594	9,307,494
Dec	3,575,571	1,280,322	1,550,484	637,292	524,702	567,993	525,951	436,293	205,900	9,304,508
2009										
Number of All Registered Vehicles per Province per Month										
Month	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
Jan	3,592,747	1,283,923	1,554,461	640,227	526,712	572,829	527,079	439,602	207,650	9,345,230
Feb	3,573,897	1,277,589	1,545,525	637,146	524,481	573,015	525,484	439,366	207,211	9,303,714
Mch	3,609,740	1,288,345	1,557,952	643,790	529,193	580,403	530,650	445,053	208,793	9,393,919
Apr	3,617,881	1,291,020	1,559,493	645,774	530,978	584,310	532,023	447,879	209,342	9,418,700
May	3,625,646	1,291,737	1,559,226	646,745	531,781	587,119	532,336	450,034	209,851	9,434,475
Jun	3,633,806	1,294,068	1,559,757	648,083	532,640	590,473	534,117	452,743	210,451	9,456,138
Jul	3,640,864	1,298,063	1,561,490	650,845	535,472	592,928	535,616	456,013	211,265	9,482,556
Aug	3,652,976	1,298,918	1,562,766	651,814	535,815	596,576	536,936	458,395	211,942	9,506,138
Sep	3,665,277	1,301,442	1,563,903	654,445	537,342	599,136	537,936	461,131	212,832	9,533,444

Annexure A-3**Number of Motorised Registered Vehicles per Month**

2007	Number of Motorised Registered Vehicles per Province per Month										
Month	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA	
Jan	2,968,293	1,101,426	1,317,586	533,804	420,791	451,736	423,182	356,136	156,641	7,729,594	
Feb	2,988,321	1,106,470	1,324,412	535,866	422,484	454,792	425,345	358,498	157,563	7,773,748	
Mch	3,010,543	1,112,948	1,332,385	538,686	424,577	458,008	422,928	359,980	163,259	7,823,313	
Apr	3,027,783	1,118,316	1,337,555	541,003	426,156	459,950	426,264	362,088	164,058	7,863,172	
May	3,045,023	1,123,683	1,342,725	543,321	427,735	461,892	429,600	364,197	164,858	7,903,033	
Jun	3,062,264	1,129,051	1,347,895	545,638	429,315	463,834	432,936	366,305	165,657	7,942,893	
Jul	3,079,094	1,135,634	1,354,704	548,494	430,990	466,257	435,936	369,204	166,978	7,987,289	
Aug	3,096,851	1,142,496	1,361,580	550,654	432,500	468,490	439,095	371,829	168,037	8,031,530	
Sep	3,111,528	1,147,563	1,366,745	552,791	433,226	470,637	441,242	373,723	168,638	8,066,091	
Oct	3,125,358	1,152,934	1,372,811	556,303	434,563	473,019	443,713	376,088	169,749	8,104,538	
Nov	3,136,187	1,156,813	1,377,493	558,667	435,718	474,937	445,660	378,254	170,485	8,134,213	
Dec	3,132,983	1,156,934	1,377,482	558,997	435,459	475,667	446,432	378,969	170,802	8,133,723	
2008	Number of Motorised Registered Vehicles per Province per Month										
Month	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA	
Jan	3,157,342	1,161,685	1,387,316	565,577	439,316	478,683	449,756	382,599	172,035	8,194,307	
Feb	3,170,210	1,165,387	1,391,281	567,657	440,905	481,485	451,960	384,696	173,049	8,226,628	
Mch	3,177,239	1,167,659	1,393,801	569,010	441,951	482,936	453,352	385,802	173,839	8,245,589	
Apr	3,190,564	1,170,905	1,398,329	570,719	443,273	484,342	455,092	387,304	174,314	8,274,840	
May	3,195,595	1,172,637	1,399,634	571,707	443,895	485,505	455,722	388,124	174,554	8,287,373	
Jun	3,199,013	1,174,159	1,400,461	572,085	444,620	486,379	456,885	388,612	175,153	8,297,364	
Jul	3,210,079	1,176,247	1,400,939	573,643	445,249	488,359	457,410	390,221	175,607	8,317,751	
Aug	3,216,364	1,176,993	1,402,442	574,799	445,995	490,300	458,261	390,944	175,614	8,331,709	
Sep	3,221,045	1,178,953	1,405,351	575,802	446,986	492,530	459,359	392,203	175,995	8,348,223	
Oct	3,224,962	1,179,462	1,408,116	576,681	447,424	494,507	460,065	393,519	176,339	8,361,074	
Nov	3,226,690	1,178,380	1,408,900	576,305	447,136	495,801	459,362	393,789	176,396	8,362,758	
Dec	3,220,050	1,177,105	1,409,741	576,015	447,083	496,568	459,311	395,122	176,572	8,357,564	
2009	Number of Motorised Registered Vehicles per Province per Month										
Month	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA	
Jan	3,236,054	1,180,456	1,413,342	578,677	449,139	500,761	460,439	398,068	178,072	8,395,006	
Feb	3,219,376	1,174,531	1,405,246	575,984	447,376	500,885	459,080	397,818	177,657	8,357,950	
Mch	3,250,368	1,184,258	1,416,174	581,829	451,258	507,328	463,371	402,966	178,924	8,436,473	
Apr	3,257,063	1,186,774	1,417,350	583,487	452,656	510,719	464,447	405,472	179,358	8,457,325	
May	3,263,619	1,187,332	1,416,813	584,313	453,291	513,056	464,641	407,448	179,752	8,470,264	
Jun	3,270,549	1,189,292	1,417,016	585,366	454,016	515,954	466,169	409,898	180,279	8,488,538	
Jul	3,276,993	1,192,934	1,418,521	587,855	456,546	518,256	467,479	412,930	181,048	8,512,559	
Aug	3,287,734	1,193,727	1,419,553	588,738	456,948	521,399	468,528	415,096	181,576	8,533,298	
Sept	3,298,709	1,195,897	1,420,456	590,979	458,175	523,636	469,187	417,465	182,326	8,556,828	

Annexure B-1

Number of Vehicles that are Un-Roadworthy

Number of Un-Roadworthy Vehicles										
Sept 2008	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
Motorised Vehicles										
Motorcars	81,132	24,620	24,098	7,915	7,970	7,559	8,067	4,338	1,291	166,990
Minibuses	12,637	5,326	2,798	1,717	1,096	1,654	1,825	1,561	241	28,855
Buses	1,155	784	387	343	125	347	219	214	89	3,663
Motorcycles	26,115	4,941	6,409	2,155	4,087	5,150	5,064	3,225	1,493	58,639
LDV's - Bakkies	21,266	9,896	6,002	3,335	2,678	3,527	3,061	2,455	783	53,003
Trucks	12,746	6,320	3,574	2,663	2,974	3,278	2,388	2,347	1,213	37,503
Other & Unknown	1,940	1,279	535	364	1,447	853	1,008	620	172	8,218
Sub-Total	156,991	53,166	43,803	18,492	20,377	22,368	21,632	14,760	5,282	356,871
Towed Vehicles										
Caravans	1,092	322	339	113	221	312	271	160	75	2,905
Heavy Trailers	4,851	2,744	1,040	961	1,855	1,361	942	637	349	14,740
Light Trailers	4,429	1,551	1,655	626	1,330	790	923	524	157	11,985
Unknown	127	85	56	28	65	67	95	42	15	580
Sub-Total	10,499	4,702	3,090	1,728	3,471	2,530	2,231	1,363	596	30,210
All Vehicles	167,490	57,868	46,893	20,220	23,848	24,898	23,863	16,123	5,878	387,081
Sept 2009	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
Motorised Vehicles										
Motorcars	82,111	25,751	21,958	8,828	9,077	8,583	7,825	5,019	1,375	170,527
Minibuses	14,816	6,085	3,172	2,249	1,311	2,212	2,364	2,077	345	34,631
Buses	1,475	891	430	401	193	406	268	328	135	4,527
Motorcycles	34,030	6,108	7,395	2,976	5,442	7,651	6,830	4,705	1,973	77,110
LDV's - Bakkies	23,066	10,599	6,025	3,784	2,933	4,136	3,155	2,888	855	57,441
Trucks	15,241	7,282	3,607	2,996	3,312	3,850	2,854	2,850	1,482	43,474
Other & Unknown	2,042	1,600	586	457	1,733	1,050	1,216	738	249	9,671
Sub-Total	172,781	58,316	43,173	21,691	24,001	27,888	24,512	18,605	6,414	397,381
Towed Vehicles										
Caravans	1,139	344	372	129	249	363	271	209	80	3,156
Heavy Trailers	5,894	2,966	1,220	1,257	1,766	1,621	1,070	745	458	16,997
Light Trailers	5,159	1,955	1,879	762	1,449	1,007	1,070	690	215	14,186
Unknown	160	112	55	42	66	106	101	45	20	707
Sub-Total	12,352	5,377	3,526	2,190	3,530	3,097	2,512	1,689	773	35,046
All Vehicles	185,133	63,693	46,699	23,881	27,531	30,985	27,024	20,294	7,187	432,427
% Change	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
Motorised Vehicles										
Motorcars	1.21	4.59	-8.88	11.54	13.89	13.55	-3.00	15.70	6.51	2.12
Minibuses	17.24	14.25	13.37	30.98	19.62	33.74	29.53	33.06	43.15	20.02
Buses	27.71	13.65	11.11	16.91	54.40	17.00	22.37	53.27	51.69	23.59
Motorcycles	30.31	23.62	15.38	38.10	33.15	48.56	34.87	45.89	32.15	31.50
LDV's - Bakkies	8.46	7.10	0.38	13.46	9.52	17.27	3.07	17.64	9.20	8.37
Trucks	19.57	15.22	0.92	12.50	11.37	17.45	19.51	21.43	22.18	15.92
Other & Unknown	5.26	25.10	9.53	25.55	19.77	23.09	20.63	19.03	44.77	17.68
Sub-Total	10.06	9.69	-1.44	17.30	17.78	24.68	13.31	26.05	21.43	11.35
Towed Vehicles										
Caravans	4.30	6.83	9.73	14.16	12.67	16.35	0.00	30.63	6.67	8.64
Heavy Trailers	21.50	8.09	17.31	30.80	-4.80	19.10	13.59	16.95	31.23	15.31
Light Trailers	16.48	26.05	13.53	21.73	8.95	27.47	15.93	31.68	36.94	18.36
Unknown	25.98	31.76	-1.79	50.00	1.54	58.21	6.32	7.14	33.33	21.90
Sub-Total	17.65	14.36	14.11	26.74	1.70	22.41	12.60	23.92	29.70	16.01
All Vehicles	10.53	10.07	-0.41	18.11	15.44	24.45	13.25	25.87	22.27	11.71

Annexure B-2 Number of Un-Licensed Vehicles

Number of Un-Licensed Vehicles										
Sept 2008	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
Motorised Vehicles										
Motorcars	103,937	34,174	34,812	16,849	13,369	13,415	12,808	10,409	3,759	243,532
Minibuses	8,638	3,340	1,756	1,544	705	1,334	1,468	1,169	216	20,170
Buses	486	274	148	188	71	143	120	161	40	1,631
Motorcycles	15,746	4,107	5,044	2,122	2,952	2,925	2,960	1,719	822	38,397
LDV's - Bakkies	23,992	12,874	8,146	7,764	4,800	6,083	5,392	6,494	1,891	77,436
Trucks	4,998	2,393	965	1,257	925	1,357	1,012	1,114	323	14,344
Other & Unkwn	2,433	2,245	1,124	796	2,497	1,788	1,762	1,032	422	14,099
Sub-Total	160,230	59,407	51,995	30,520	25,319	27,045	25,522	22,098	7,473	409,609
Towed Vehicles										
Caravans	2,533	626	705	395	558	629	629	319	154	6,548
Heavy Trailers	1,821	1,141	228	468	463	629	431	275	147	5,603
Light Trailers	18,023	5,322	5,025	2,793	3,866	3,166	3,501	1,917	1,100	44,713
Unknown	332	215	170	104	262	214	290	146	59	1,792
Sub-Total	22,709	7,304	6,128	3,760	5,149	4,638	4,851	2,657	1,460	58,656
All Vehicles	182,939	66,711	58,123	34,280	30,468	31,683	30,373	24,755	8,933	468,265
Sept 2009	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
Motorised Vehicles										
Motorcars	83,340	25,155	28,528	13,714	10,371	9,128	9,624	7,220	2,978	190,058
Minibuses	5,125	1,760	1,340	905	451	563	752	629	106	11,631
Buses	290	154	101	114	30	88	46	62	19	904
Motorcycles	7,093	1,837	4,047	1,353	1,214	746	859	465	272	17,886
LDV's - Bakkies	19,178	9,117	6,903	6,179	3,594	4,271	3,991	4,646	1,465	59,344
Trucks	3,385	1,528	696	745	521	832	590	558	176	9,031
Other & Unkwn	770	767	552	322	951	389	703	367	152	4,973
Sub-Total	119,181	40,318	42,167	23,332	17,132	16,017	16,565	13,947	5,168	293,827
Towed Vehicles										
Caravans	1,214	259	422	184	244	236	219	138	66	2,982
Heavy Trailers	1,132	675	175	223	193	261	203	102	48	3,012
Light Trailers	10,125	2,632	3,443	1,644	1,924	1,306	1,467	850	542	23,933
Unknown	158	83	116	69	135	65	167	63	27	883
Sub-Total	12,629	3,649	4,156	2,120	2,496	1,868	2,056	1,153	683	30,810
All Vehicles	131,810	43,967	46,323	25,452	19,628	17,885	18,621	15,100	5,851	324,637
% Change	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
Motorised Vehicles										
Motorcars	-19.82	-26.39	-18.05	-18.61	-22.43	-31.96	-24.86	-30.64	-20.78	-21.96
Minibuses	-40.67	-47.31	-23.69	-41.39	-36.03	-57.80	-48.77	-46.19	-50.93	-42.34
Buses	-40.33	-43.80	-31.76	-39.36	-57.75	-38.46	-61.67	-61.49	-52.50	-44.57
Motorcycles	-54.95	-55.27	-19.77	-36.24	-58.88	-74.50	-70.98	-72.95	-66.91	-53.42
LDV's - Bakkies	-20.07	-29.18	-15.26	-20.41	-25.12	-29.79	-25.98	-28.46	-22.53	-23.36
Trucks	-32.27	-36.15	-27.88	-40.73	-43.68	-38.69	-41.70	-49.91	-45.51	-37.04
Other & Unkwn	-68.35	-65.84	-50.89	-59.55	-61.91	-78.24	-60.10	-64.44	-63.98	-64.73
Sub-Total	-25.62	-32.13	-18.90	-23.55	-32.34	-40.78	-35.10	-36.89	-30.84	-28.27
Towed Vehicles										
Caravans	-52.07	-58.63	-40.14	-53.42	-56.27	-62.48	-65.18	-56.74	-57.14	-54.46
Heavy Trailers	-37.84	-40.84	-23.25	-52.35	-58.32	-58.51	-52.90	-62.91	-67.35	-46.24
Light Trailers	-43.82	-50.54	-31.48	-41.14	-50.23	-58.75	-58.10	-55.66	-50.73	-46.47
Unknown	-52.41	-61.40	-31.76	-33.65	-48.47	-69.63	-42.41	-56.85	-54.24	-50.73
Sub-Total	-44.39	-50.04	-32.18	-43.62	-51.52	-59.72	-57.62	-56.61	-53.22	-47.47
All Vehicles	-27.95	-34.09	-20.30	-25.75	-35.58	-43.55	-38.69	-39.00	-34.50	-30.67

Annexure B-3

Number of Vehicles that are Un-Roadworthy, Un-Licensed or Both

Number of Vehicles : Un-Roadworthy OR Un-Licensed OR Both										
Sept 2008	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
Motorised Vehicles										
Motorcars	193,125	63,355	62,107	26,721	23,161	22,356	22,286	15,641	5,321	434,073
Minibuses	24,124	10,188	5,010	3,714	2,027	3,439	3,769	3,149	527	55,947
Buses	1,770	1,159	583	589	214	545	375	432	139	5,806
Motorcycles	47,864	10,363	12,514	4,879	8,264	9,596	9,559	5,893	2,685	111,617
LDV's - Bakkies	47,193	24,715	14,873	11,821	7,980	10,245	8,974	9,444	2,842	138,087
Trucks	18,918	9,582	4,815	4,315	4,253	5,087	3,735	3,789	1,659	56,153
Other & Unkwn	4,650	3,741	1,726	1,214	4,178	2,802	2,951	1,745	632	23,639
Sub-Total	337,644	123,103	101,628	53,253	50,077	54,070	51,649	40,093	13,805	825,322
Towed Vehicles										
Caravans	3,770	994	1,077	529	822	985	956	503	237	9,873
Heavy Trailers	7,134	4,177	1,336	1,589	2,463	2,169	1,474	982	538	21,862
Light Trailers	23,186	7,158	6,895	3,576	5,398	4,110	4,620	2,544	1,276	58,763
Unknown	474	311	231	135	335	285	401	198	76	2,446
Sub-Total	34,564	12,640	9,539	5,829	9,018	7,549	7,451	4,227	2,127	92,944
All Vehicles	372,208	135,743	111,167	59,082	59,095	61,619	59,100	44,320	15,932	918,266
Number of Vehicles : Un-Roadworthy OR Un-Licensed OR Both										
Sept 2009	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
Motorised Vehicles										
Motorcars	171,986	54,381	53,312	24,463	20,902	18,847	18,520	12,961	4,570	379,942
Minibuses	21,094	8,431	4,850	3,359	1,873	2,907	3,320	2,836	468	49,138
Buses	1,825	1,094	550	534	229	513	320	402	158	5,625
Motorcycles	42,122	8,189	11,733	4,427	6,795	8,517	7,817	5,238	2,259	97,097
LDV's - Bakkies	43,778	21,033	13,568	10,595	6,893	8,970	7,475	7,895	2,420	122,627
Trucks	19,222	9,214	4,491	3,871	3,974	4,855	3,573	3,542	1,697	54,439
Other & Unkwn	2,907	2,449	1,167	805	2,767	1,474	1,988	1,144	416	15,117
Sub-Total	302,934	104,791	89,671	48,054	43,433	46,083	43,013	34,018	11,988	723,985
Towed Vehicles										
Caravans	2,404	628	816	326	509	619	515	364	148	6,329
Heavy Trailers	7,189	3,771	1,429	1,513	1,999	1,919	1,308	863	515	20,506
Light Trailers	15,626	4,725	5,460	2,468	3,454	2,384	2,596	1,579	764	39,056
Unknown	327	201	173	113	202	175	282	109	48	1,630
Sub-Total	25,546	9,325	7,878	4,420	6,164	5,097	4,701	2,915	1,475	67,521
All Vehicles	328,480	114,116	97,549	52,474	49,597	51,180	47,714	36,933	13,463	791,506
Number of Vehicles : Un-Roadworthy OR Un-Licensed OR Both										
% Change	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
Motorised Vehicles										
Motorcars	-10.95	-14.16	-14.16	-8.45	-9.75	-15.70	-16.90	-17.13	-14.11	-12.47
Minibuses	-12.56	-17.25	-3.19	-9.56	-7.60	-15.47	-11.91	-9.94	-11.20	-12.17
Buses	3.11	-5.61	-5.66	-9.34	7.01	-5.87	-14.67	-6.94	13.67	-3.12
Motorcycles	-12.00	-20.98	-6.24	-9.26	-17.78	-11.24	-18.22	-11.11	-15.87	-13.01
LDV's - Bakkies	-7.24	-14.90	-8.77	-10.37	-13.62	-12.45	-16.70	-16.40	-14.85	-11.20
Trucks	1.61	-3.84	-6.73	-10.29	-6.56	-4.56	-4.34	-6.52	2.29	-3.05
Other & Unkwn	-37.48	-34.54	-32.39	-33.69	-33.77	-47.39	-32.63	-34.44	-34.18	-36.05
Sub-Total	-10.28	-14.88	-11.77	-9.76	-13.27	-14.77	-16.72	-15.15	-13.16	-12.28
Towed Vehicles										
Caravans	-36.23	-36.82	-24.23	-38.37	-38.08	-37.16	-46.13	-27.63	-37.55	-35.90
Heavy Trailers	0.77	-9.72	6.96	-4.78	-18.84	-11.53	-11.26	-12.12	-4.28	-6.20
Light Trailers	-32.61	-33.99	-20.81	-30.98	-36.01	-42.00	-43.81	-37.93	-40.13	-33.54
Unknown	-31.01	-35.37	-25.11	-16.30	-39.70	-38.60	-29.68	-44.95	-36.84	-33.36
Sub-Total	-26.09	-26.23	-17.41	-24.17	-31.65	-32.48	-36.91	-31.04	-30.65	-27.35
All Vehicles	-11.75	-15.93	-12.25	-11.18	-16.07	-16.94	-19.27	-16.67	-15.50	-13.80

Annexure C-1**Number of Learner Licences Issued**

Sept 2008	Number of Learners Licences Issued per Province									
Category	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
1	20,650	4,809	12,927	3,987	3,696	2,264	2,353	1,082	1,379	53,147
2	101,907	42,919	87,652	44,715	21,299	10,717	16,759	7,785	8,268	342,021
3	253,180	118,857	65,968	56,977	60,381	71,707	60,402	87,350	19,468	794,290
Total	375,737	166,585	166,547	105,679	85,376	84,688	79,514	96,217	29,115	1,189,458
Sept 2009	Number of Learners Licences Issued per Province									
Category	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
1	22,814	4,940	15,887	4,384	3,712	2,818	2,764	1,361	1,636	60,316
2	103,347	43,372	92,170	40,200	19,625	11,409	15,881	8,434	8,330	342,768
3	288,703	136,275	76,000	65,026	58,637	78,537	65,787	98,823	21,895	889,683
Total	414,864	184,587	184,057	109,610	81,974	92,764	84,432	108,618	31,861	1,292,767
Change	Number of Learners Licences Issued per Province									
Category	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
1	2,164	131	2,960	397	16	554	411	279	257	7169
2	1,440	453	4,518	-4,515	-1,674	692	-878	649	62	747
3	35,523	17,418	10,032	8,049	-1,744	6,830	5,385	11,473	2,427	95393
Total	39,127	18,002	17,510	3,931	-3402	8,076	4,918	12,401	2,746	103,309
% Change	Number of Learners Licences Issued per Province									
Category	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
1	10.48	2.72	22.90	9.96	0.43	24.47	17.47	25.79	18.64	13.49
2	1.41	1.06	5.15	-10.10	-7.86	6.46	-5.24	8.34	0.75	0.22
3	14.03	14.65	15.21	14.13	-2.89	9.52	8.92	13.13	12.47	12.01
Total	10.41	10.81	10.51	3.72	-3.98	9.54	6.19	12.89	9.43	8.69

Learner Licences :

Category 1 : Motorcycle

Category 2 : Light Motor Vehicle

Category 3 : Heavy Motor Vehicle

Annexure C-2

Number of Driving Licences Issued

Sept 2008										
Number of Driving Licences Issued per Province										
Category	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
A1	44,862	12,955	24,809	8,977	9,349	6,824	7,250	3,863	2,344	121,233
A	149,286	53,755	82,918	30,597	24,526	20,325	19,745	12,662	8,297	402,111
B	489,887	269,794	288,388	120,950	80,570	65,898	77,639	38,382	28,523	1,460,031
EB	1,320,419	578,994	749,305	305,720	177,410	160,569	152,634	105,098	64,355	3,614,504
C1	438,453	218,622	79,961	50,797	70,053	111,109	93,407	196,376	27,507	1,286,285
EC1	238,605	70,869	52,180	44,808	36,613	51,962	39,762	61,645	10,946	607,390
C	2,658	4,306	2,347	589	345	595	1,536	1,153	295	13,824
EC	268,741	136,042	104,615	59,498	69,146	82,061	52,053	74,212	22,378	868,746
Total	2,952,911	1,345,337	1,384,523	621,936	468,012	499,343	444,026	493,391	164,645	8,374,124
Sept 2009										
Number of Driving Licences Issued per Province										
Category	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
A1	44,801	12,966	25,450	9,080	9,286	6,852	7,267	3,869	2,417	121,988
A	152,317	54,516	86,428	31,051	24,803	20,664	19,925	12,869	8,471	411,044
B	535,973	287,686	317,787	131,238	88,043	72,270	81,733	42,401	31,239	1,588,370
EB	1,317,418	578,433	755,202	306,591	177,084	160,893	153,243	105,823	64,369	3,619,056
C1	499,698	252,476	92,794	60,843	79,918	133,931	104,066	227,792	31,131	1,482,649
EC1	236,692	70,726	52,019	44,974	36,359	52,086	39,950	62,227	11,035	606,068
C	2,846	4,432	2,576	669	373	722	1,557	1,201	322	14,698
EC	268,252	137,845	105,573	60,177	69,830	83,233	52,338	75,137	22,561	874,946
Total	3,057,997	1,399,080	1,437,829	644,623	485,696	530,651	460,079	531,319	171,545	8,718,819
% Change										
Number of Driving Licences Issued per Province										
Category	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
A1		0.08	2.58	1.15	-0.67	0.41	0.23	0.16	3.11	0.62
A	2.03	1.42	4.23	1.48	1.13	1.67	0.91	1.63	2.10	2.22
B	9.41	6.63	10.19	8.51	9.28	9.67	5.27	10.47	9.52	8.79
EB	-0.23	-0.10	0.79	0.28	-0.18	0.20	0.40	0.69	0.02	0.13
C1	13.97	15.49	16.05	19.78	14.08	20.54	11.41	16.00	13.17	15.27
EC1	-0.80	-0.20	-0.31	0.37	-0.69	0.24	0.47	0.94	0.81	-0.22
C	7.07	2.93	9.76	13.58	8.12	21.34	1.37	4.16	9.15	6.32
EC	-0.18	1.33	0.92	1.14	0.99	1.43	0.55	1.25	0.82	0.71
Total	3.56	3.99	3.85	3.65	3.78	6.27	3.62	7.69	4.19	4.12

Driving licences :

A	Motorcycle > 125 cub.cm	A1	Motorcycle < 125 cub.cm	B	Motor vehicle < 3,5000 kg
C	Motorvehicle > 16,000 kg	C1	Motor vehicle 3,500 – 16,000 kg	EB	Articulated motor vehicle <16,000 kg
		EC	Articulated vehicle > 16,000 kg	EC1	Articulated vehicle 3,500 – 16,000 kg

Annexure C-3**Number of Professional Driving Permits (PrDPs) Issued**

Jun 2008										
Number of Professional Driving Permits (PrDP's) Issued per Province										
Category	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
G	1,762	2,225	2,013	798	799	1,072	472	881	539	10,561
P	333	293	1,342	262	383	228	127	82	68	3,118
P G	185,319	75,267	74,365	45,709	44,957	55,365	44,004	63,269	19,137	607,392
D G	134	53	316	20	61	56	18	12	10	680
D P G	20,022	47,368	21,428	12,200	3,779	8,313	1,282	3,178	761	118,331
Total	207,570	125,206	99,464	58,989	49,979	65,034	45,903	67,422	20,515	740,082
Jun 2009										
Number of Professional Driving Permits (PrDP's) Issued per Province										
Category	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
G	1,862	2,300	2,012	812	900	1,122	539	1,089	468	11,104
P	255	295	949	238	235	184	68	88	67	2,379
P G	200,555	105,712	92,302	54,327	48,842	63,959	47,146	71,739	19,269	703,851
D G	50	25	75	4	17	28	9	10	4	222
D P G	10,594	21,604	11,611	5,597	2,134	4,021	924	1,588	469	58,542
Total	213,316	129,936	106,949	60,978	52,128	69,314	48,686	74,514	20,277	776,098
Change										
Number of Professional Driving Permits (PrDP's) Issued per Province										
Category	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
G	100	75	-1	14	101	50	67	208	-71	543
P	-78	2	-393	-24	-148	-44	-59	6	-1	-739
P G	15,236	30,445	17,937	8,618	3,885	8,594	3,142	8,470	132	96,459
D G	-84	-28	-241	-16	-44	-28	-9	-2	-6	-458
D P G	-9428	-25,764	-9,817	-6,603	-1,645	-4,292	-358	-1,590	-292	-59,789
Total	5,746	4,730	7,485	1,989	2,149	4,280	2,783	7,092	-238	36,016
% Change										
Number of Professional Driving Permits (PrDP's) Issued per Province										
Category	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
G	5.68	3.37	-0.05	1.75	12.64	4.66	14.19	23.61	-13.17	5.14
P	-23.42	0.68	-29.28	-9.16	-38.64	-19.30	-46.46	7.32	-1.47	-23.70
P G	8.22	40.45	24.12	18.85	8.64	15.52	7.14	13.39	0.69	15.88
D G	-62.69	-52.83	-76.27	-80.00	-72.13	-50.00	-50.00	-16.67	-60.00	-67.35
D P G	-47.09	-54.39	-45.81	-54.12	-43.53	-51.63	-27.93	-50.03	-38.37	-50.53
Total	2.77	3.78	7.53	3.37	4.30	6.58	6.06	10.52	-1.16	4.87

Professional Driving Permits (PrDPs)

G : Goods

P : Passengers

D : Dangerous goods

Annexure D
Monthly Number of Fatal Crashes per Province

Year	Number of Fatal Crashes										
	Month	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
2006	Jan	162	139	102	88	50	64	52	52	19	728
	Feb	210	153	84	103	60	81	60	71	25	847
	Mch	266	200	118	109	75	104	72	82	19	1,045
	Apr	241	258	119	108	100	138	102	149	22	1,237
	May	263	192	119	124	72	81	78	82	31	1,042
	Jun	244	243	119	171	78	77	83	77	28	1,120
	Jul	277	219	111	143	88	105	79	80	20	1,122
	Aug	244	212	114	103	65	92	77	97	23	1,027
	Sep	276	221	121	100	77	93	88	76	24	1,076
	Oct	261	186	106	117	58	106	103	72	30	1,039
	Nov	239	183	115	98	76	70	63	82	27	953
	Dec	278	262	119	136	95	100	100	90	40	1,220
2007	Jan	189	128	84	88	60	70	62	76	17	774
	Feb	209	168	95	85	45	81	75	65	20	843
	Mch	282	230	136	102	80	106	80	82	26	1,124
	Apr	248	184	101	123	75	114	98	92	24	1,059
	May	225	201	125	116	71	95	92	78	27	1,030
	Jun	257	196	113	112	61	118	88	96	23	1,064
	Jul	288	138	107	101	83	120	86	93	13	1,029
	Aug	268	122	118	128	66	120	81	87	20	1,010
	Sep	241	161	126	117	71	127	80	95	30	1,048
	Oct	206	152	118	105	60	106	77	80	28	932
	Nov	199	117	104	83	81	72	81	73	27	837
	Dec	295	235	142	153	70	128	89	117	32	1,261
2008	Jan	141	131	80	89	51	65	59	75	20	711
	Feb	205	135	106	71	40	75	45	63	23	763
	Mch	211	176	100	99	48	99	85	91	21	930
	Apr	203	138	120	69	56	90	87	89	24	876
	May	232	172	114	96	63	62	77	91	10	917
	Jun	162	233	107	94	65	115	78	107	27	988
	Jul	240	220	157	87	62	103	82	86	23	1,060
	Aug	250	193	131	102	19	126	70	92	6	989
	Sep	216	172	94	91	51	109	71	90	19	913
	Oct	176	195	80	82	55	102	61	74	13	838
	Nov	69	157	97	69	57	111	72	90	23	745
	Dec	206	195	104	118	83	130	82	133	24	1,075
2009	Jan	172	154	87	89	46	86	50	76	19	779
	Feb	136	135	65	64	56	68	51	70	16	661
	Mch	166	189	103	60	65	84	52	83	18	820
	Apr	208	208	83	96	49	105	87	103	17	956
	May	194	223	109	44	69	125	79	109	18	970
	Jun	155	194	107	82	49	123	74	102	17	903
	Jul	206	203	75	101	62	114	89	113	19	982
	Aug	169	212	74	107	63	121	82	104	24	956
Sep	185	169	88	102	65	101	66	98	22	896	

Annexure E

Monthly Number of Fatalities per Province

Year	Number of Fatalities										
	Month	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
2006	Jan	179	171	124	97	71	81	72	63	26	883
	Feb	233	181	91	140	86	109	75	95	27	1,036
	Mch	294	224	152	153	90	140	94	106	26	1,280
	Apr	296	315	143	130	122	232	126	196	34	1,594
	May	301	230	146	152	95	102	100	114	39	1,280
	Jun	280	292	163	226	109	98	113	89	37	1,408
	Jul	329	253	135	150	118	133	132	102	26	1,378
	Aug	299	263	134	115	89	114	96	112	31	1,254
	Sep	315	264	148	129	102	109	97	97	27	1,289
	Oct	306	225	122	157	93	149	121	90	38	1,302
	Nov	305	230	159	125	101	96	78	120	34	1,249
	Dec	318	313	132	178	116	124	117	108	61	1,467
2007	Jan	215	139	103	102	80	118	82	100	18	958
	Feb	233	185	119	99	51	115	98	95	23	1,020
	Mch	316	261	162	123	86	141	96	93	38	1,316
	Apr	292	218	124	149	126	150	107	115	28	1,309
	May	252	245	141	141	94	116	112	118	50	1,267
	Jun	295	215	135	133	75	179	119	129	46	1,326
	Jul	325	197	126	121	125	158	112	124	13	1,300
	Aug	284	149	126	161	90	228	96	114	22	1,270
	Sep	293	251	159	156	93	152	103	131	41	1,379
	Oct	222	200	136	129	97	140	103	106	40	1,174
	Nov	218	140	145	124	112	103	108	102	27	1,077
	Dec	326	272	168	196	93	178	113	144	33	1,523
2008	Jan	162	156	102	120	80	86	70	100	26	900
	Feb	237	173	125	81	45	94	54	93	54	955
	Mch	231	223	134	140	67	160	118	123	36	1,231
	Apr	225	172	155	99	67	136	105	102	31	1,093
	May	274	200	118	155	72	94	98	105	10	1,125
	Jun	190	268	118	147	96	166	110	123	37	1,255
	Jul	272	300	191	117	83	168	98	101	33	1,363
	Aug	278	229	133	125	23	192	104	103	9	1,196
	Sep	232	231	110	138	72	119	95	131	23	1,151
	Oct	188	243	106	121	86	252	110	82	26	1,213
	Nov	88	198	106	101	83	227	98	136	23	1,058
	Dec	232	249	124	146	107	160	107	175	33	1,333
2009	Jan	208	173	127	122	67	104	89	95	27	1,013
	Feb	153	158	75	95	50	98	64	77	18	787
	Mch	168	351	118	100	58	116	54	110	45	1,119
	Apr	237	246	80	118	81	140	111	133	21	1,165
	May	236	300	128	62	79	159	98	124	23	1,208
	Jun	155	226	112	99	66	146	104	148	17	1,072
	Jul	223	234	124	115	92	147	123	151	19	1,227
	Aug	192	283	88	170	82	147	123	123	26	1,235
	Sep	209	266	106	199	98	165	74	131	30	1,279

Annexure F-1

Monthly Number of Fatalities per Road User Group

Year	Number of Fatalities per Road User Group										
Month	User Group	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
Oct 2007	Drivers	69	41	47	33	23	61	36	32	14	356
	Passengers	41	70	34	55	56	55	41	43	21	416
	Pedestrians	112	89	55	41	18	25	26	32	5	402
	Total	222	200	136	129	97	140	103	106	40	1,174
Nov 2007	Drivers	60	40	46	37	32	26	41	39	0	320
	Passengers	39	28	57	55	49	44	38	47	5	362
	Pedestrians	119	72	43	31	31	33	30	16	22	395
	Total	218	140	145	124	112	103	108	102	27	1,077
Dec 2007	Drivers	107	52	40	47	25	62	32	34	9	408
	Passengers	70	84	58	80	38	76	42	54	9	511
	Pedestrians	149	136	70	69	30	40	39	56	15	604
	Total	326	272	168	196	93	178	113	144	33	1,523
Jan 2008	Drivers	44	28	28	28	27	27	26	26	7	242
	Passengers	46	48	36	57	36	36	19	53	11	342
	Pedestrians	72	79	37	36	17	23	24	21	7	316
	Total	162	156	102	120	80	86	70	100	26	900
Feb 2008	Drivers	75	47	31	22	18	28	21	32	3	278
	Passengers	59	53	31	23	16	35	12	39	41	308
	Pedestrians	103	73	62	37	11	31	21	22	10	370
	Total	237	173	125	81	45	94	54	93	54	955
Mch 2008	Drivers	77	49	44	29	16	49	39	42	13	357
	Passengers	54	92	53	69	30	75	45	46	16	479
	Pedestrians	100	82	37	42	22	36	34	35	6	395
	Total	231	223	134	140	67	160	118	123	36	1,231
Apr 2008	Drivers	64	32	42	24	32	49	46	31	11	330
	Passengers	50	57	50	42	15	59	35	32	17	357
	Pedestrians	111	84	63	33	21	29	24	39	4	406
	Total	225	172	155	99	67	136	105	102	31	1,093
May 2008	Drivers	83	50	34	25	21	32	34	43	5	326
	Passengers	79	31	24	82	27	44	34	32	5	358
	Pedestrians	112	119	60	48	24	18	29	30	0	441
	Total	274	200	118	155	72	94	98	105	10	1,125
Jun 2008	Drivers	61	69	42	36	31	62	41	42	19	403
	Passengers	46	71	21	66	46	68	48	46	17	428
	Pedestrians	83	129	55	44	19	37	21	35	2	425
	Total	190	268	118	147	96	166	110	123	37	1,255
Jul 2008	Drivers	95	50	54	30	23	49	27	40	13	381
	Passengers	61	113	50	50	29	92	39	35	10	478
	Pedestrians	116	138	87	37	31	27	32	26	10	504
	Total	272	300	191	117	83	168	98	101	33	1,363
Aug 2008	Drivers	86	48	57	36	8	55	26	30	2	348
	Passengers	58	64	12	49	9	86	52	41	6	377
	Pedestrians	135	117	64	39	6	50	26	32	1	471
	Total	278	229	133	125	23	192	104	103	9	1,196
Sep 2008	Drivers	72	30	35	32	26	64	28	36	15	337
	Passengers	44	81	33	69	30	26	41	65	4	391
	Pedestrians	117	121	43	36	17	29	26	30	4	423
	Total	232	231	110	138	72	119	95	131	23	1,151

Annexure F-2
Monthly Number of Fatalities per Road User Group

Year	Number of Fatalities per Road User Group										
Month	User Group	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
Oct 2008	Drivers	64	56	26	25	36	57	27	19	9	319
	Passengers	27	96	36	66	38	166	58	35	13	534
	Pedestrians	96	91	44	31	12	29	24	28	4	360
	Total	188	243	106	121	86	252	110	82	26	1,213
Nov 2008	Drivers	28	32	40	20	33	65	26	34	8	286
	Passengers	30	57	22	58	31	120	29	71	15	433
	Pedestrians	30	108	44	23	18	42	43	32	0	339
	Total	88	198	106	101	83	227	98	136	23	1,058
Dec 2008	Drivers	68	44	35	37	30	65	28	59	9	375
	Passengers	58	96	38	56	42	52	38	80	19	479
	Pedestrians	106	109	51	53	35	43	41	36	5	479
	Total	232	249	124	146	107	160	107	175	33	1,333
Jan 2009	Drivers	72	58	33	24	20	35	14	20	6	283
	Passengers	63	50	50	63	38	39	59	43	13	418
	Pedestrians	73	65	44	34	9	30	16	32	8	312
	Total	208	173	127	122	67	104	89	95	27	1,013
Feb 2009	Drivers	42	20	16	23	17	19	17	32	8	194
	Passengers	29	61	35	49	20	40	34	25	2	295
	Pedestrians	81	76	24	23	13	38	13	20	8	297
	Total	153	158	75	95	50	98	64	77	18	787
Mch 2009	Drivers	63	88	50	17	19	21	25	31	27	341
	Passengers	17	176	21	51	23	32	14	49	18	400
	Pedestrians	87	88	47	31	15	63	16	30	0	378
	Total	168	351	118	100	58	116	54	110	45	1,119
Apr 2009	Drivers	65	55	28	33	26	59	34	38	6	345
	Passengers	49	78	14	46	43	48	40	54	11	382
	Pedestrians	122	113	38	39	13	32	36	41	4	439
	Total	237	246	80	118	81	140	111	133	21	1,165
May 2009	Drivers	85	56	43	14	39	54	41	30	14	375
	Passengers	62	129	40	29	30	51	35	48	5	428
	Pedestrians	89	116	45	19	10	54	22	46	5	405
	Total	236	300	128	62	79	159	98	124	23	1,208
Jun 2009	Drivers	55	107	29	19	21	49	34	47	17	378
	Passengers	25	55	21	30	34	51	47	62	0	326
	Pedestrians	75	63	62	50	11	46	23	38	0	368
	Total	155	226	112	99	66	146	104	148	17	1,072
Jul 2009	Drivers	73	65	45	33	32	52	37	41	7	384
	Passengers	44	65	49	38	42	55	49	75	5	423
	Pedestrians	106	103	30	44	18	40	37	34	7	419
	Total	223	234	124	115	92	147	123	151	19	1,227
Aug 2009	Drivers	58	67	19	33	32	46	21	43	13	332
	Passengers	56	94	26	100	38	53	67	35	7	477
	Pedestrians	78	121	43	37	11	48	36	45	6	426
	Total	192	283	88	170	82	147	123	123	26	1,235
Sep 2009	Drivers	80	54	32	51	33	61	18	41	12	382
	Passengers	46	129	46	116	43	84	26	54	16	561
	Pedestrians	82	83	28	32	22	20	29	36	2	335
	Total	209	266	106	199	98	165	74	131	30	1,279

Annexure G-1 Vehicles Involved in Fatal Crashes

2007-2008	Estimated Number of Vehicles per Type Involved in Fatal Crashes									
Vehicle Type	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
Motorcars	1,754	1,156	816	617	514	805	570	664	175	7,071
Minibuses	257	211	154	262	78	207	49	74	30	1,322
Minibus Taxis	16	200	3	11	52	10	80	68	0	439
Buses	27	67	47	69	10	130	12	18	6	385
Motorcycles	114	31	62	19	32	22	17	7	2	307
LDV's - Bakkies	383	593	334	448	147	405	303	354	91	3,059
Trucks	48	133	7	12	90	15	39	39	26	408
Trucks - articulated	96	56	103	116	4	97	15	31	8	524
Other and unknown	288	422	191	125	41	87	74	126	52	1,405
Total Motorised	2,983	2,868	1,717	1,678	970	1,777	1,159	1,380	389	14,920
Bicycle	92	33	55	11	15	32	56	28	12	334
Animal drawn	0	0	0	0	0	0	0	0	0	0
Total	3,075	2,902	1,772	1,689	984	1,808	1,215	1,408	401	15,254
2008-2009	Estimated Number of Vehicles per Type Involved in Fatal Crashes									
Vehicle Type	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
Motorcars	1,413	1,232	728	658	453	941	583	701	164	6,872
Minibuses	252	125	133	224	99	211	88	85	9	1,225
Minibus Taxis	3	437	18	4	8	2	49	78	2	602
Buses	31	78	25	57	3	146	24	25	2	392
Motorcycles	101	47	68	16	13	36	21	7	4	314
LDV's - Bakkies	284	562	223	333	179	455	255	393	129	2,814
Trucks	19	3	49	2	42	0	28	42	13	197
Trucks - articulated	42	141	31	91	5	184	17	24	0	534
Other and unknown	241	349	133	65	39	146	64	124	9	1,169
Total Motorised	2,385	2,973	1,408	1,450	843	2,119	1,130	1,477	333	14,119
Bicycle	54	21	39	22	7	36	43	22	9	252
Animal drawn	0	0	0	0	0	0	0	0	0	0
Total	2,440	2,994	1,448	1,471	849	2,155	1,173	1,500	342	14,372
% Change	Estimated Number of Vehicles per Type Involved in Fatal Crashes									
Vehicle Type	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
Motorcars	-19.43	6.58	-10.86	6.53	-11.86	16.86	2.32	5.45	-5.94	-2.82
Minibuses	-2.06	-40.80	-13.58	-14.66	27.35	1.88	78.83	14.66	-70.57	-7.33
Minibus Taxis	-80.56	118.72	540.50	-63.18	-84.19	-77.60	-38.14	14.33	0.00	37.14
Buses	14.86	17.17	-45.58	-16.26	-68.39	11.99	97.25	42.10	-63.21	1.78
Motorcycles	-11.69	48.88	10.70	-15.84	-59.76	65.40	24.14	-1.32	120.73	2.26
LDV's - Bakkies	-25.89	-5.09	-33.23	-25.70	21.72	12.27	-15.77	10.97	41.56	-8.00
Trucks	-61.12	-98.05	611.67	-83.64	-52.84	-100.00	-27.65	7.65	-49.06	-51.68
Trucks - articulated	-56.26	153.09	-69.64	-21.23	10.65	90.00	17.37	-22.57	-100.00	1.90
Other and unknown	-16.31	-17.36	-30.37	-47.74	-5.16	67.99	-13.54	-1.50	-83.02	-16.79
Total Motorised	-20.03	3.66	-17.95	-13.62	-13.06	19.26	-2.47	7.04	-14.41	-5.37
Bicycle	-41.04	-37.51	-28.83	102.50	-55.74	13.17	-23.15	-21.05	-26.42	-24.34
Animal drawn	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	-20.66	3.19	-18.29	-12.88	-13.70	19.16	-3.42	6.48	-14.77	-5.78

Annexure G-2 Vehicles Involved in Fatal Crashes

2007-2008										
Number of Vehicles per Type Involved in Fatal Crashes										
Vehicle Type	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
Motorcars	1,754	1,156	816	617	514	805	570	664	175	7,071
Minibuses	273	411	157	273	130	217	129	142	30	1,761
Buses	27	67	47	69	10	130	12	18	6	385
Motorcycles	114	31	62	19	32	22	17	7	2	307
LDV's - Bakkies	383	593	334	448	147	405	303	354	91	3,059
Trucks	144	189	110	128	94	112	53	69	34	932
Other and unknown	288	422	191	125	41	87	74	126	52	1,405
Total Motorised	2,983	2,868	1,717	1,678	970	1,777	1,159	1,380	389	14,920
2008-2009										
Number of Vehicles per Type Involved in Fatal Crashes										
Vehicle Type	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
Motorcars	1,413	1,232	728	658	453	941	583	701	164	6,872
Minibuses	255	562	151	228	108	213	137	163	11	1,827
Buses	31	78	25	57	3	146	24	25	2	392
Motorcycles	101	47	68	16	13	36	21	7	4	314
LDV's - Bakkies	284	562	223	333	179	455	255	393	129	2,814
Trucks	61	143	80	93	47	184	45	65	13	732
Other and unknown	241	349	133	65	39	146	64	124	9	1,169
Total Motorised	2,385	2,973	1,408	1,450	843	2,119	1,130	1,477	333	14,119
% Change										
Number of Vehicles per Type Involved in Fatal Crashes										
Vehicle Type	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
Motorcars	-19.43	6.58	-10.86	6.53	-11.86	16.86	2.32	5.45	-5.94	-2.82
Minibuses	-6.66	36.81	-3.86	-16.57	-17.01	-1.79	6.48	14.50	-63.21	3.75
Buses	14.86	17.17	-45.58	-16.26	-68.39	11.99	97.25	42.10	-63.21	1.78
Motorcycles	-11.69	48.88	10.70	-15.84	-59.76	65.40	24.14	-1.32	120.73	2.26
LDV's - Bakkies	-25.89	-5.09	-33.23	-25.70	21.72	12.27	-15.77	10.97	41.56	-8.00
Trucks	-57.88	-24.18	-27.05	-27.14	-49.86	64.48	-15.27	-5.67	-61.05	-21.55
Other and unknown	-16.31	-17.36	-30.37	-47.74	-5.16	67.99	-13.54	-1.50	-83.02	-16.79
Total Motorised	-20.03	3.66	-17.95	-13.62	-13.06	19.26	-2.47	7.04	-14.41	-5.37

**Annexure H-1
Driver Fatalities per Type of Vehicle**

2007-2008										
Number of DRIVER Fatalities per Type of Vehicle										
Vehicle Type	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
Motorcars	537	260	237	182	156	310	210	231	62	2,183
Minibuses	33	40	25	40	19	28	13	18	2	217
Buses	0	2	1	1	3	3	0	1	0	11
Motorcycles	91	22	50	12	19	19	14	5	2	232
LDV's - Bakkies	106	108	86	96	43	128	93	105	27	790
Trucks	23	50	30	26	27	44	8	16	9	231
Other and unknown	17	25	19	14	4	5	6	24	0	114
Total	807	504	448	370	269	536	344	399	102	3,779
2008-2009										
Number of DRIVER Fatalities per Type of Vehicle										
Vehicle Type	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
Motorcars	459	400	223	171	203	300	173	242	68	2,239
Minibuses	34	58	13	21	19	43	10	30	2	231
Buses	0	5	0	4	0	7	0	0	2	19
Motorcycles	94	45	53	13	11	24	16	4	5	267
LDV's - Bakkies	91	118	48	81	70	139	73	97	46	764
Trucks	10	26	13	13	25	30	8	24	2	152
Other and unknown	13	29	9	6	2	9	2	17	0	87
Total	703	682	359	309	330	553	282	414	126	3,758
% Change										
Number of DRIVER Fatalities per Type of Vehicle										
Vehicle Type	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
Motorcars	-14.53	54.03	-5.71	-5.90	30.64	-3.28	-17.65	4.96	10.07	2.57
Minibuses	4.22	45.83	-48.61	-48.27	2.03	53.71	-20.56	67.41	33.65	6.33
Buses	0.00	218.18	-100.00	191.60	-100.00	140.60	0.00	-100.00	242.62	69.54
Motorcycles	3.48	108.04	6.45	13.40	-38.78	30.32	15.55	-8.69	167.30	14.85
LDV's - Bakkies	-13.81	10.14	-44.21	-15.28	65.17	8.56	-21.65	-7.36	69.29	-3.37
Trucks	-54.01	-46.97	-57.55	-48.97	-7.15	-31.26	5.92	47.84	-73.27	-34.50
Other and unknown	-21.16	16.67	-50.18	-60.24	-52.38	100.50	-68.22	-30.43	0.00	-23.19
Total	-12.89	35.10	-19.77	-16.69	23.05	3.16	-17.90	3.72	24.11	-0.55

Annexure H-2
Passenger Fatalities per Type of Vehicle

2007-2008										
Estimated Number of PASSENGER Fatalities per Type of Vehicle										
Vehicle Type	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
Motorcars	386	320	229	243	195	284	215	247	63	2,183
Minibuses	103	159	59	167	74	133	79	74	16	864
Buses	8	25	24	44	4	94	3	9	2	212
Motorcycles	7	5	2	1	3	0	0	0	0	18
LDV's - Bakkies	88	191	101	192	63	151	125	146	38	1,094
Trucks	43	51	24	39	35	29	20	29	16	285
Other and unknown	12	41	18	11	5	1	4	29	25	146
Total	646	791	458	696	380	693	445	533	160	4,803
2008-2009										
Estimated Number of PASSENGER Fatalities per Type of Vehicle										
Vehicle Type	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
Motorcars	304	394	222	315	224	357	226	308	59	2,410
Minibuses	106	315	72	146	82	113	96	85	5	1,020
Buses	12	51	10	38	0	97	20	12	0	239
Motorcycles	1	0	3	2	4	4	2	1	0	18
LDV's - Bakkies	62	256	66	150	95	140	126	176	52	1,123
Trucks	4	35	16	50	11	75	13	23	7	234
Other and unknown	16	35	7	0	7	6	13	24	0	109
Total	506	1,087	397	701	423	792	496	630	123	5,153
% Change										
Estimated Number of PASSENGER Fatalities per Type of Vehicle										
Vehicle Type	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
Motorcars	-21.26	22.84	-2.84	29.70	14.80	25.62	5.32	24.34	-6.31	10.36
Minibuses	3.03	98.91	22.02	-12.30	10.73	-15.66	20.53	15.38	-67.85	18.08
Buses	43.55	108.88	-57.29	-14.30	-100.00	3.09	651.93	38.04	-100.00	12.96
Motorcycles	-79.07	-100.00	42.35	66.63	35.33	394.81	217.34	135.51	0.00	-0.48
LDV's - Bakkies	-28.93	33.90	-34.83	-21.58	49.73	-7.19	0.95	20.84	37.78	2.70
Trucks	-89.82	-30.84	-35.94	29.01	-68.77	155.83	-33.16	-19.77	-57.14	-17.95
Other and unknown	38.17	-14.25	-62.04	-100.00	35.33	303.94	234.19	-15.05	-100.00	-25.91
Total	-21.72	37.31	-13.38	0.70	11.34	14.15	11.40	18.13	-23.06	7.29

Annexure H-3 Pedestrian Fatalities per Type of Vehicle

2007-2008										
Estimated Number of PEDESTRIAN Fatalities per Type of Vehicle										
Vehicle Type	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
Motorcars	711	442	288	151	123	136	127	151	32	2,160
Minibuses	119	165	59	48	27	32	33	41	8	531
Buses	17	33	17	18	3	18	9	7	3	124
Motorcycles	8	2	6	5	8	2	3	2	0	36
LDV's - Bakkies	164	225	121	129	30	87	75	85	17	933
Trucks	69	67	47	54	25	29	24	21	5	340
Other and unknown	240	306	140	89	30	74	61	65	20	1,025
Total	1,327	1,239	678	494	246	377	333	372	86	5,150
2008-2009										
Estimated Number of PEDESTRIAN Fatalities per Type of Vehicle										
Vehicle Type	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
Motorcars	563	415	207	162	80	153	174	142	22	1,920
Minibuses	97	183	48	61	19	29	31	45	2	515
Buses	17	21	12	16	3	23	4	13	0	110
Motorcycles	1	2	7	0	0	2	2	1	0	16
LDV's - Bakkies	113	180	85	95	36	113	52	116	17	807
Trucks	40	74	42	29	17	54	23	18	2	299
Other and unknown	194	261	100	54	33	111	48	82	7	889
Total	1,027	1,137	501	417	188	485	336	417	49	4,557
% Change										
Estimated Number of PEDESTRIAN Fatalities per Type of Vehicle										
Vehicle Type	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
Motorcars	-20.71	-5.99	-28.05	6.85	-34.55	13.08	36.66	-5.78	-30.88	-11.14
Minibuses	-18.21	10.98	-18.87	28.34	-29.86	-7.98	-5.01	8.12	-79.80	-3.15
Buses	0.07	-34.49	-28.23	-11.67	21.14	28.82	-52.96	92.59	-100.00	-11.48
Motorcycles	-82.13	45.57	6.63	-100.00	-100.00	28.82	-17.67	-35.80	0.00	-54.97
LDV's - Bakkies	-30.89	-19.83	-29.85	-26.39	21.14	28.82	-30.23	36.63	1.02	-13.45
Trucks	-41.62	10.07	-9.94	-46.47	-32.70	89.85	-4.67	-12.15	-66.33	-12.07
Other and unknown	-19.20	-14.82	-28.51	-39.50	9.61	49.86	-21.10	26.26	-66.33	-13.27
Total	-22.66	-8.25	-26.09	-15.67	-23.42	28.82	0.94	12.25	-42.56	-11.53

**Annexure H-4
All Fatalities per Type of Vehicle**

2007-2008										
Estimated Number of TOTAL Fatalities per Type of Vehicle										
Vehicle Type	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
Motorcars	1,635	1,022	754	576	474	730	552	629	156	6,527
Minibuses	255	363	143	254	119	193	125	133	26	1,613
Buses	25	59	42	63	10	115	12	16	5	347
Motorcycles	106	28	59	18	30	20	17	7	2	286
LDV's - Bakkies	357	524	308	416	135	366	293	335	82	2,817
Trucks	134	167	102	118	87	102	51	65	30	857
Other and unknown	268	372	177	115	39	80	71	118	45	1,285
Total	2,781	2,535	1,584	1,561	894	1,606	1,121	1,304	347	13,733
2008-2009										
Estimated Number of TOTAL Fatalities per Type of Vehicle										
Vehicle Type	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
Motorcars	1,327	1,209	653	648	508	811	573	692	149	6,569
Minibuses	238	556	133	228	120	185	137	160	9	1,766
Buses	29	78	22	57	3	128	24	25	2	368
Motorcycles	97	47	64	15	15	30	21	7	5	301
LDV's - Bakkies	267	555	198	326	201	391	252	389	115	2,694
Trucks	55	135	71	92	53	159	44	65	11	685
Other and unknown	223	325	116	60	42	126	63	123	7	1,085
Total	2,235	2,905	1,257	1,427	941	1,830	1,114	1,461	298	13,468
% Change										
Estimated Number of TOTAL Fatalities per Type of Vehicle										
Vehicle Type	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
Motorcars	-18.81	18.30	-13.38	12.46	7.20	11.02	3.84	10.00	-4.85	0.64
Minibuses	-6.75	53.22	-7.13	-10.36	0.26	-4.33	9.58	20.22	-64.66	9.50
Buses	13.97	32.44	-47.20	-9.35	-64.07	10.86	106.17	50.11	-52.90	6.03
Motorcycles	-8.38	68.02	7.94	-14.02	-49.50	49.75	23.54	2.71	167.30	5.18
LDV's - Bakkies	-25.35	5.95	-35.49	-21.63	48.32	6.90	-14.23	16.04	40.74	-4.35
Trucks	-59.05	-19.27	-30.35	-22.25	-39.40	56.87	-13.91	-0.89	-63.50	-20.09
Other and unknown	-16.86	-12.66	-34.23	-48.03	6.82	57.47	-11.38	4.71	-85.04	-15.59
Total	-19.60	14.60	-20.63	-8.61	5.30	13.92	-0.69	12.05	-14.05	-1.93

Annexure I Definition of Terms

No.	Term	Definition
1	Road traffic crash	A road traffic crash is an accident, event, collision or crash between two or more vehicles, a vehicle and a train, a vehicle and a cyclist, a vehicle and a pedestrian, a vehicle and an animal, a vehicle and a fixed object, such as a bridge, building, tree, post, etc, or a single vehicle that overturned on or near a public road. A road traffic crash is a single road traffic incident, regardless of the number of vehicles or persons involved in any particular crash. In short : a road crash happens when two road users, regardless of mode of travel, try to occupy the same road space at the same time.
2	Crash categories	<p>Categories or Degrees of Crashes : Road traffic crashes are classified in the following four categories in accordance with the severity thereof :</p> <ul style="list-style-type: none"> • Fatal crash : a crash resulting in the death of one or more persons. The persons killed may be drivers and passengers of vehicles, or cyclists and pedestrians. Such crashes can include serious and slight injuries. • Major crash : a crash in which one or more persons are seriously injured and can include slight injuries. • Minor crash : a crash in which one or more persons are slightly injured. <p>The above three categories of crashes are jointly referred to as casualty crashes.</p> <ul style="list-style-type: none"> • Damage only crash : a crash in which no-one was killed or injured and resulted in damage to the vehicle or vehicles and/or other property only.
3	Casualty categories	<p>Categories or Degrees of Casualties : Road traffic casualties or injuries are classified in the following three categories in accordance with the severity thereof :</p> <ul style="list-style-type: none"> • Fatality : person or persons killed during or immediately after a crash, or death within 6 days after a crash happened as a direct result of such crash. (Also see item 17 below for international definition). • Serious injury : person/s sustained injuries to such an extent that hospitalisation is required. Serious injuries include fractures, crushings, concussion, internal injuries, severe cuts and lacerations, severe shock, etc which require medical treatment, hospitalisation and/or confinement to bed. • Slight injury : person/s sustained minor cuts and bruises, sprains and light shock which may be treated at the scene of the crash or at home.
4	Crash rates	<ul style="list-style-type: none"> • Crash rate per the registered vehicle population : The crash rate per 10 000 vehicle population is calculated by dividing the number of crashes by the vehicle population, in ten thousands, of the relevant region, province or country. • Crash rate per distance or kilometres travelled by vehicles: The crash rate per 100 million vehicle kilometres travelled is calculated by dividing the number of crashes by the combined distance travelled by all motorised vehicles, in hundred millions, within the relevant region,

No.	Term	Definition
		<p>province or country. The distance travelled is usually calculated in terms of the number of the different types of vehicles, mean fuel consumption per vehicle type and fuel sales for a particular period.</p>
5	Casualty rates	<ul style="list-style-type: none"> • Severity of Fatal Crashes or Fatality Rate : is the mean (average) number of persons killed per fatal accident. This rate refers to the severity of fatal crashes - the more persons killed per fatal crash the more severe the accident. More severe crashes are indicative of the higher impact of such crashes, possibly resulting from higher speeds, drivers and passengers not wearing seatbelts, or more vehicles involved in single crashes (number of vehicles per crash), or more high occupancy vehicles, such as buses and minibuses involved in accidents. • Casualty rate : the mean total number of casualties (deaths and serious and slight injuries) per casualty crash. • Fatality rate per human population : The fatality rate per 100 000 population is calculated by dividing the number of fatalities by the population, in hundred thousands, of the relevant region, province or country. • Casualty rate per human population : Similar to the fatality rate, the casualty rate per 100 000 population is calculated by dividing the total number of casualties by the population, in hundred thousands, of the relevant region, province or country. • Fatality rate per vehicle population : The fatality rate per 10 000 vehicles is calculated by dividing the number of fatalities by the vehicle population, in ten thousands, of the relevant region, province or country. • Casualty rate per vehicle population : The casualty rate per 10 000 vehicles is calculated by dividing the total number of casualties by the vehicle population, in ten thousands, of the relevant region, province or country. • Fatality rate per distance travelled : The fatality rate per 100 million vehicle kilometres (mvk) travelled is calculated by dividing the number of fatalities by the distance travelled, in 100 mvk, of the relevant region, province or country. • Casualty rate per distance travelled : The casualty rate per 100 million vehicle kilometres (mvk) travelled is calculated by dividing the total number of casualties by the distance travelled, in 100 mvk, of the relevant region, province or country.
6	Trends	<p>Trends are used to indicate increases or decreases in the number of crashes, fatalities, casualties and rates. Trends are usually expressed in terms of percentage (%) increase or decrease from the previous corresponding period to the current period under consideration, usually one year.</p>
7	Equivalent Accident Number (EAN)	<p>In order to identify and rank hazardous sections of road, or junctions of roads, the various categories (or degrees of crashes - fatal, major, minor and damage only) have to be weighted and added together for each section of road between 2 known nodes, or junctions, to determine the crash factor or Equivalent Accident Number (EAN) for each link or node.</p>

No.	Term	Definition																		
		<p>The weighting of crashes for the purpose of calculating the EAN is based on the ratio between the costs of the various types of crashes (2008 figures) as shown in the table below. For example, the weight of a damage only crash equals one (1); while the cost of major crash is 6,55 times higher and that of a fatal crash 16,63 times.</p> <table border="1" data-bbox="644 409 1331 595"> <thead> <tr> <th colspan="3" data-bbox="644 409 1331 439">Weighting of Crash Cost for EAN Calculations</th> </tr> <tr> <th data-bbox="644 439 919 472">Crash Type</th> <th data-bbox="919 439 1129 472">Cost R million</th> <th data-bbox="1129 439 1331 472">Weight</th> </tr> </thead> <tbody> <tr> <td data-bbox="644 472 919 506">Fatal</td> <td data-bbox="919 472 1129 506">1,174,189</td> <td data-bbox="1129 472 1331 506">16,63</td> </tr> <tr> <td data-bbox="644 506 919 539">Major</td> <td data-bbox="919 506 1129 539">462,664</td> <td data-bbox="1129 506 1331 539">6,55</td> </tr> <tr> <td data-bbox="644 539 919 573">Minor</td> <td data-bbox="919 539 1129 573">253,721</td> <td data-bbox="1129 539 1331 573">3,59</td> </tr> <tr> <td data-bbox="644 573 919 595">Damage</td> <td data-bbox="919 573 1129 595">70,623</td> <td data-bbox="1129 573 1331 595">1,00</td> </tr> </tbody> </table> <p>Hazardous sections of road are rated in terms of EAN per 10km of road or EAN per mvk travelled, if known for all the sections of road under consideration for rating. The Severity Index (SI) per road link, for ranking purposes, is the EAN divided by the total number of crashes for that link. (SI = EAN / No. of crashes).</p>	Weighting of Crash Cost for EAN Calculations			Crash Type	Cost R million	Weight	Fatal	1,174,189	16,63	Major	462,664	6,55	Minor	253,721	3,59	Damage	70,623	1,00
Weighting of Crash Cost for EAN Calculations																				
Crash Type	Cost R million	Weight																		
Fatal	1,174,189	16,63																		
Major	462,664	6,55																		
Minor	253,721	3,59																		
Damage	70,623	1,00																		
8	Number of registered vehicles	<p>The number of registered vehicles is the number as registered on the National Traffic Information System (NaTIS), usually at 24:00 on the last day of each month. This figure takes cognisance of the number of new or re-registrations and the number of vehicle de-registrations during the month. It should be noted that vehicles that were written-off because of a crash, are not necessarily scrapped or de-registered during the same month that the crash happened.</p>																		
9	Un-Roadworthy Vehicles	<p>Un-roadworthy vehicles is defined as those of which the owners failed to submit the vehicles for compulsory annual roadworthy tests (including buses, minibus taxis and freight transport vehicles) or on change of ownership.</p> <p>The number of un-roadworthy vehicles is the number marked as un-roadworthy on the National Traffic Information System (NaTIS), usually at 24:00 on the last day of each month.</p>																		
10	Un-Licensed Vehicles	<p>Un-licensed vehicles are those of which the owners failed to renew the vehicle licences within the 21 day grace period allowed.</p> <p>The number of un-licensed vehicles is the number marked as un-licensed on the National Traffic Information System (NaTIS), usually at 24:00 on the last day of each month.</p>																		
11	Learner Driving Licences	<p>Learner driving licences are categorised as follows:</p> <ul style="list-style-type: none"> • Category 1 : Motorcycle • Category 2 : Light Motor Vehicle • Category 3 : Heavy Motor Vehicle <p>The number of registered learner licences is the number as registered on the National Traffic Information System (NaTIS), usually at 24:00 on the last day of each month. This figure takes cognisance of the number of new registrations and the number of de-registrations (cancellations, which include expired learner licences and licences becoming invalid because of a driving licence obtained by the holder) during the month.</p>																		
12	Driving Licences	<p>Driving licences are categorised as follows:</p>																		

No.	Term	Definition
		<ul style="list-style-type: none"> • A1: Motorcycle < 125 cub.cm • A: Motorcycle > 125 cub.cm • B: Motor vehicle < 3,5000 kg • C1: Motor vehicle 3,500 – 16,000 kg • C: Motor vehicle > 16,000 kg • EB: Articulated motor vehicle <16,000 kg • EC1: Articulated vehicle 3,500 – 16,000 kg • EC: Articulated vehicle > 16,000 kg <p>The number of registered driving licences is the number as registered on the National Traffic Information System (NaTIS), usually at 24:00 on the last day of each month. This figure takes cognisance of the number of new registrations and the number of de-registrations (cancellations) during the month.</p>
13	Professional Driving Permits (PrDPs)	<p>Professional Driving Permits (PrDPs) are categorised as follows:</p> <ul style="list-style-type: none"> • G : Goods • P : Passengers • D : Dangerous goods <p>The number of registered PrDPs is the number as registered on the National Traffic Information System (NaTIS), usually at 24:00 on the last day of each month. This figure takes cognisance of the number of new registrations and the number of de-registrations (cancellations) during the month.</p>
14	All fuel sales	<p>The total fuel sales figures in terms of petrol and diesel sales in number of litres sold per province per month, are obtained from SAPIA, and more recently from Response Group Trendline (RGT – affiliated to NAAMSA) in the order of about 6 weeks after the end of each particular month.</p>
15	Fuel sales for road use	<p>The estimated fuel sales for road use is calculated in terms of the recommendations contained in the CSIR research report CR-2002/79, in accordance with which 98% of all petrol sales and 70% of all diesel sales are for road usage.</p>
16	<p>Distance travelled</p> <p>(Note : CSIR report CR-2002/79 was produced in 2002 based on 2001 figures and it is recommended that, in view of changes in this regard, new research be done in order to update the figures)</p>	<p>The estimated distance travelled per type of vehicle per province per month is calculated in terms of the recommendations contained in the CSIR research report CR-2002/79 and based on the average number of vehicles per fuel type (petrol and diesel) as registered on NaTIS and the fuel sales per fuel type for road use for each particular month.</p> <p>The percentage (%) allocation of the total estimated types of fuel for road usage per type of vehicle (in accordance with CSIR research report CR-2002/79) is as shown in the table below:</p>

No.	Term	Definition																																																						
		<table border="1" data-bbox="625 197 1313 443"> <thead> <tr> <th colspan="3">% Allocation of Fuel Sales for Road Use to Vehicle Types</th> </tr> <tr> <th>Vehicle Type</th> <th>Petrol</th> <th>Diesel</th> </tr> </thead> <tbody> <tr> <td>Motorcars</td> <td>65,01</td> <td>2,86</td> </tr> <tr> <td>Minibuses</td> <td>8,95</td> <td>0,74</td> </tr> <tr> <td>Buses</td> <td>0,22</td> <td>8,72</td> </tr> <tr> <td>Motorcycles</td> <td>0,88</td> <td>0,22</td> </tr> <tr> <td>LDV's - Bakkies</td> <td>22,92</td> <td>18,86</td> </tr> <tr> <td>Trucks</td> <td>1,88</td> <td>65,59</td> </tr> <tr> <td>Other and unknown</td> <td>0,14</td> <td>3,01</td> </tr> </tbody> </table> <p data-bbox="539 477 1430 584">The average distance travelled per vehicle per type per litre of fuel per type of fuel (in accordance with CSIR research report CR-2002/79) is as shown in the table below:</p> <table border="1" data-bbox="625 631 1313 884"> <thead> <tr> <th colspan="3">Average Fuel Consumption per Vehicle Type - km/litre</th> </tr> <tr> <th>Vehicle Type</th> <th>Petrol</th> <th>Diesel</th> </tr> </thead> <tbody> <tr> <td>Motorcars</td> <td>10,00</td> <td>10,00</td> </tr> <tr> <td>Minibuses</td> <td>7,14</td> <td>7,14</td> </tr> <tr> <td>Buses</td> <td>3,33</td> <td>2,22</td> </tr> <tr> <td>Motorcycles</td> <td>16,67</td> <td>16,67</td> </tr> <tr> <td>LDV's - Bakkies</td> <td>7,69</td> <td>11,11</td> </tr> <tr> <td>Trucks</td> <td>4,17</td> <td>2,70</td> </tr> <tr> <td>Other and unknown</td> <td>1,47</td> <td>1,47</td> </tr> </tbody> </table> <p data-bbox="970 891 995 909">...</p>	% Allocation of Fuel Sales for Road Use to Vehicle Types			Vehicle Type	Petrol	Diesel	Motorcars	65,01	2,86	Minibuses	8,95	0,74	Buses	0,22	8,72	Motorcycles	0,88	0,22	LDV's - Bakkies	22,92	18,86	Trucks	1,88	65,59	Other and unknown	0,14	3,01	Average Fuel Consumption per Vehicle Type - km/litre			Vehicle Type	Petrol	Diesel	Motorcars	10,00	10,00	Minibuses	7,14	7,14	Buses	3,33	2,22	Motorcycles	16,67	16,67	LDV's - Bakkies	7,69	11,11	Trucks	4,17	2,70	Other and unknown	1,47	1,47
% Allocation of Fuel Sales for Road Use to Vehicle Types																																																								
Vehicle Type	Petrol	Diesel																																																						
Motorcars	65,01	2,86																																																						
Minibuses	8,95	0,74																																																						
Buses	0,22	8,72																																																						
Motorcycles	0,88	0,22																																																						
LDV's - Bakkies	22,92	18,86																																																						
Trucks	1,88	65,59																																																						
Other and unknown	0,14	3,01																																																						
Average Fuel Consumption per Vehicle Type - km/litre																																																								
Vehicle Type	Petrol	Diesel																																																						
Motorcars	10,00	10,00																																																						
Minibuses	7,14	7,14																																																						
Buses	3,33	2,22																																																						
Motorcycles	16,67	16,67																																																						
LDV's - Bakkies	7,69	11,11																																																						
Trucks	4,17	2,70																																																						
Other and unknown	1,47	1,47																																																						
<p data-bbox="150 920 188 947">17</p> <p data-bbox="236 920 448 1025">International definition of a road fatality</p> <p data-bbox="236 1066 512 1402"><i>(Note : It is recommended that in the development of the new road crash reporting and evaluation system, the South African definition be amended to be in accordance with the international definition)</i></p>		<p data-bbox="539 920 1430 1025">The international definition of a person killed in a road crash, as given in the Convention of Road Traffic (Vienna, 1968), is: <i>“Any person who was killed outright or who died within 30 days as a result of the accident.”</i></p> <p data-bbox="539 1066 1430 1240">Nations that comply with this definition include: Australia, Belgium, Canada, Czech Republic, Denmark, Finland, Hungary, Iceland, Ireland, Luxembourg, Netherlands, New Zealand, Norway, Slovakia, Slovenia, Sweden, United Kingdom and the United States of America</p> <p data-bbox="539 1285 1430 1503">Nations that do not comply with this definition have correction factors applied to their death figures by the ECMT Transport Research Centre in the compilation of international accident reports to ensure consistency within the IRTAD database. These nations include, amongst others: African countries, Austria, France, Germany, Greece, Italy, Japan, Poland, Portugal, South Africa, South Korea, Spain, Switzerland and Turkey.</p>																																																						
<p data-bbox="150 1538 188 1565">18</p> <p data-bbox="236 1538 459 1608">Cost of road traffic crashes</p>		<p data-bbox="539 1538 1430 1637">The estimated cost for the various categories of road traffic crashes, based on the 2004 CSIR report CR-2004/6 in this regard, is given in the table below.</p> <table border="1" data-bbox="700 1675 1294 1928"> <thead> <tr> <th colspan="5">Estimated Cost of Crashes</th> </tr> <tr> <th>Year</th> <th>Fatal</th> <th>Major</th> <th>Minor</th> <th>Damage</th> </tr> </thead> <tbody> <tr> <td>2002</td> <td>876,198</td> <td>345,247</td> <td>189,331</td> <td>52,700</td> </tr> <tr> <td>2003</td> <td>920,007</td> <td>362,509</td> <td>198,797</td> <td>55,335</td> </tr> <tr> <td>2004</td> <td>966,008</td> <td>380,635</td> <td>208,737</td> <td>58,102</td> </tr> <tr> <td>2005</td> <td>1,014,308</td> <td>399,666</td> <td>219,174</td> <td>61,007</td> </tr> <tr> <td>2006</td> <td>1,065,024</td> <td>419,650</td> <td>230,133</td> <td>64,057</td> </tr> <tr> <td>2007</td> <td>1,118,275</td> <td>440,632</td> <td>241,639</td> <td>67,260</td> </tr> <tr> <td>2008</td> <td>1,174,189</td> <td>462,664</td> <td>253,721</td> <td>70,623</td> </tr> </tbody> </table> <p data-bbox="970 1935 995 1953">...</p>	Estimated Cost of Crashes					Year	Fatal	Major	Minor	Damage	2002	876,198	345,247	189,331	52,700	2003	920,007	362,509	198,797	55,335	2004	966,008	380,635	208,737	58,102	2005	1,014,308	399,666	219,174	61,007	2006	1,065,024	419,650	230,133	64,057	2007	1,118,275	440,632	241,639	67,260	2008	1,174,189	462,664	253,721	70,623									
Estimated Cost of Crashes																																																								
Year	Fatal	Major	Minor	Damage																																																				
2002	876,198	345,247	189,331	52,700																																																				
2003	920,007	362,509	198,797	55,335																																																				
2004	966,008	380,635	208,737	58,102																																																				
2005	1,014,308	399,666	219,174	61,007																																																				
2006	1,065,024	419,650	230,133	64,057																																																				
2007	1,118,275	440,632	241,639	67,260																																																				
2008	1,174,189	462,664	253,721	70,623																																																				

Road Traffic Report

30 SEPTEMBER 2009



***A road crash is someone's fault –
Don't let it be yours***

Prepared by:



Road Traffic Management Corporation (RTMC)

Private Bag X147, Pretoria, 0001
Hazeldean Office Park,
687 Silver Lakes Road, Tijger Valley,
Pretoria East, Tshwane
www.rtmc.co.za
Tel. : (012) 809-5200
