



Road Traffic
Management Corporation

Road Traffic Report ***Calendar***

1 January - 31 December 2016



transport

Department:
Transport
REPUBLIC OF SOUTH AFRICA

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1. Vision

Safe roads in South Africa

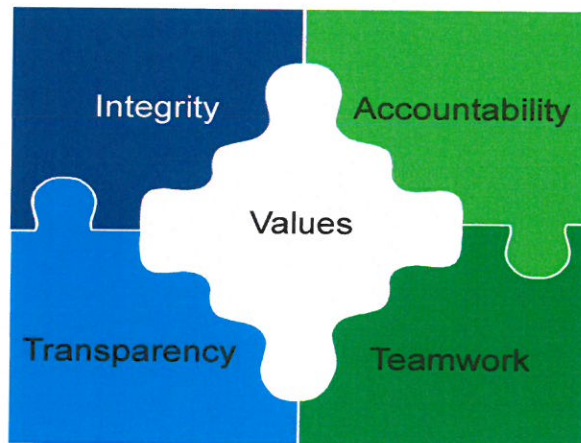
2. Mission

Ensure safe, secure and responsible use of Roads in South Africa through:

- Education
- Enforcement
- Coordination
- Partnership
- Planning
- Engineering

3. Values

The values of the Corporation emanate from the Constitution of the republic, and place emphasis on the commitment to law and order and service delivery:



Values	Meaning
Integrity	The pledge to execute the responsibilities of the Corporation in an ethical, truthful, and accurate manner consistent with the professional discipline of law enforcement, order, discipline and mobility on our roads
Accountability	The undertaking to be open, honest and accountable as law enforcers and road safety champions.
Transparency	The subscription to the principles of good governance and the facilitation of free and reasonable access to information within the confines of applicable prescripts.
Teamwork	The establishment and maintenance of shared goals by building internal and external relationships, furthermore by placing emphasis on working together by providing support through collaboration while upholding dignity and respect between and among partners

ABREVIATION

CHOCOR	:	CULPABLE HOMICIDE CRIME: OBSERVATION REPORT
EC	:	EASTERN CAPE
GA	:	GAUTENG
FS	:	FREE STATE
LI	:	LIMPOPO
MP	:	MPUMALANGA
NC	:	NORTHERN CAPE
NW	:	NORTH WEST
WC	:	WESTERN CAPE
KZN	:	KWAZULU NATAL
SAPS	:	SOUTH AFRICAN POLICE SERVICE
ENATIS	:	ELECTRONIC NATIONAL TRAFFIC INFORMATION SYSTEM

DEFINITIONS

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.
2	Crash Scene	An area where a crash has occurred.
3	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.

NO.	TERM	DEFINITION
4	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 30 days after a crash happened as a direct result of such crash. • 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.
5	Accident Report Form	A form generated electronically or a manually printed form on which the details of a crash are recorded.
6	Driver	Any person who drives or attempts to drive any vehicle or who rides or attempts to ride any pedal cycle or who leads any draught, pack or saddle animal or herd or flock of animals, and "drive" or any like word has a corresponding meaning.
7	Data	Raw, unprocessed numbers
8	Information	Processed or analysed data that adds context through relationships between data to allow for interpretation and use

4. Introduction

4.1 Introduction

The purpose of this report is to provide Strategy, Monitoring and Evaluation Committee with an update with regards to the annual operations and performance. The report covers the period from 1 January 2016 to 31 December 2016 and it includes the road crash data, major crashes investigated.

4.2 Road crash data collection methodology

The Culpable Homicide Crash: Observation Report (CHoCOR) form is used to collect fatal crashes data on daily basis. South African Police Service (SAPS) is the primary source of the fatal crashes data. SAPS provides the Corporation with a list of all recorded fatal crashes (CAS list) and further to this the Corporation receive the CHoCOR forms from various police stations. Road Traffic Management Corporation captures, processes and verifies the data in order to compile a report.

4.3 Crash Data Flow

Data is collected through the CHoCOR forms. The forms are then submitted to the Corporation either by fax, email or through the phone.

4.4 Data processing

Road Traffic Management Corporation captures, processes and verifies all the statistics in order to compile a consolidate report. There is a continuous engagement with provinces for validation purpose.

5 Summary

1. Vehicle population	The number of registered vehicles increased by 253 478 (2.16%) from 11 710 756 on 31 December 2015 to 11 964 234 vehicles on 31 December 2016
2. Un-Roadworthy and Un-Licensed Vehicles	<p>On a national basis the total number of vehicles that are either un-roadworthy, un-licensed or both increased by 22 171 (2.19%) from 1 013 278 vehicles as on 31 December 2015 to 1 035 449 vehicles as on 31 December 2016.</p> <p>The number of vehicles that are un-roadworthy (but licenced) increased by 14 961 (2.85%) from 524 893 vehicles as on 31 December 2015 to 539 854 vehicles as on 31 December 2016.</p> <p>On a national basis the number of un-licensed vehicles increased by 3 175 (1.03%) from 308 614 vehicles as on 31 December 2015 to 311 789 vehicles as on 31 December 2016.</p>
3. Driver Population	<p>The number of learner driving licences issued decreased by 799 (0.06%) from 1 263 060 on 31 December 2015 to 1 262 261 on 31 December 2016.</p> <p>The number of driving licences issued increased by 506,387 (4.34%) from 11 656 426 on 31 December 2015 to 12 162 813 as of 31 December 2016.</p> <p>The number of Professional Driving Permits (PrDP's) issued increased by 27 247 (2.64%) from 1 033 627 on 31 December 2015 to 1 060 874 on 31 December 2016.</p>
4. Road Traffic Fatal Crashes and Fatalities	A total of 11 676 road traffic fatal crashes were recorded as from 1 January to 31 December 2016 with 14 071 fatalities.
5. Major Crashes	A total number of one hundred and twenty nine (129) major crashes were reported and investigated during this period. Approximately six hundred and twenty four (624) people were killed and six hundred and forty five (645) people sustained injuries as a result of the major crashes.

6 Vehicle Population

6.1 Number of Registered Vehicles

The number of registered vehicles increased by 253 478 (2.16%) from 11 710 756 on 31 December 2015 to 11 964 234 vehicles on 31 December 2016. Details per type of vehicle is given in Table 1 below.

Table 1: Number of registered vehicles per vehicle type

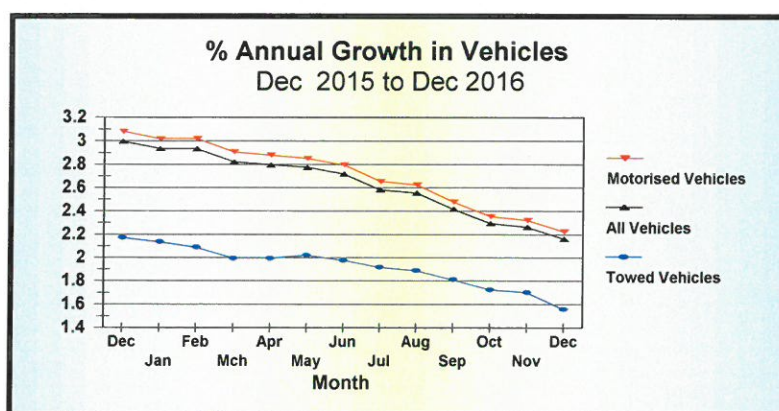
Number of Registered Vehicles	Number registered Dec 2015	Number registered Dec 2016	Change	% Change	% of Group Dec 2016	% of Total Dec 2016
Motorised Vehicles						
Motorcars	6 829 497	6 996 599	167 102	2.45	64.77	58.48
Minibuses	298 263	308 151	9 888	3.32	2.85	2.58
Buses	59 238	61 435	2 197	3.71	0.57	0.51
Motorcycles	365 582	358 351	-7 231	-1.98	3.32	3.00
LDV's - Bakkies	2 374 062	2 435 078	61 016	2.57	22.54	20.35
Trucks	366 754	371 008	4 254	1.16	3.43	3.10
Other & Unknown	272 571	270 936	-1 635	-0.60	2.51	2.26
Total Motorised	10 565 967	10 801 558	235 591	2.23	100.00	90.28
Towed Vehicles						
Caravans	103 582	103 058	-524	-0.51	8.86	0.86
Heavy Trailers	184 424	188 210	3 786	2.05	16.19	1.57
Light Trailers	840 374	855 227	14 853	1.77	73.56	7.15
Other & Unknown	16 409	16 181	-228	-1.39	1.39	0.14
Total Towed	1 144 789	1 162 676	17 887	1.56	100.00	9.72
All Vehicles	11 710 756	11 964 234	253 478	2.16		100.00

Source: eNatis

The table above shows that on a percentage basis the biggest change was for buses which increased by 3.71% from 59 238 to 61 435, followed by minibuses with 3.32% from 298 263 to 308 151, respectively.

The monthly percentage change over the past year for motorised vehicles are shown in the figure below.

Figure 1: Percentage Annual Change in Motorised Vehicles



The total motor vehicle population per Province for December 2015 and 2016 respectively, is given in the table and reflected in the figure below.

Table 2: Number of Registered Vehicles per Province

Number of Registered Vehicles per Province	Number registered Dec 2015	Number registered Dec 2016	Change	% Change	% of Total Dec 2016
Gauteng	4 524 810	4 613 986	89 176	1.97	38.56
KwaZulu-Natal	1 575 967	1 600 930	24 963	1.58	13.38
Western Cape	1 868 946	1 923 765	54 819	2.93	16.08
Eastern Cape	778 420	796 339	17 919	2.30	6.66
Free State	615 266	621 169	5 903	0.96	5.19
Mpumalanga	830 253	854 321	24 068	2.90	7.14
North West	595 403	608 146	12 743	2.14	5.08
Limpopo	650 551	672 438	21 887	3.36	5.62
Northern Cape	271 140	273 140	2 000	0.74	2.28
RSA	11 710 756	11 964 234	253 478	2.16	100

The province with the highest increases in the number of registered vehicles is Limpopo with 3.36% from 650 551 in 2015 to 672 438 followed closely by Western Cape, with an increase of 2.93% from 1 868 946 to 1 923 765 and Mpumalanga with an increases of 2.90% from 830 253 to 854 321.

Figure 2: Percentage Growth in Vehicle Population

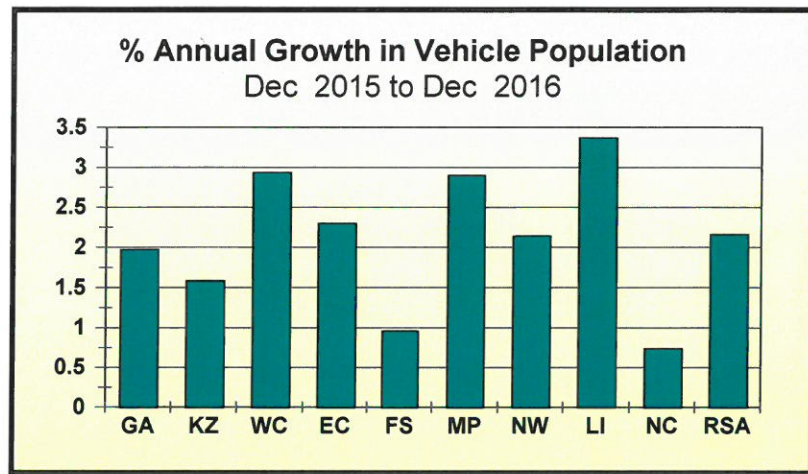
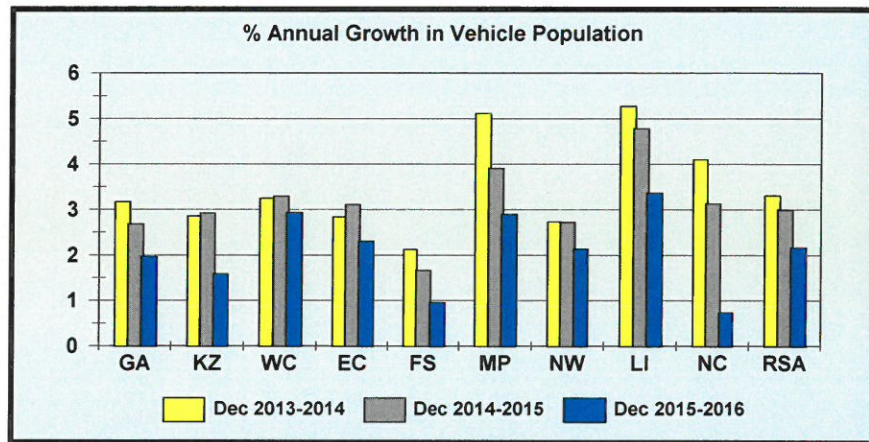


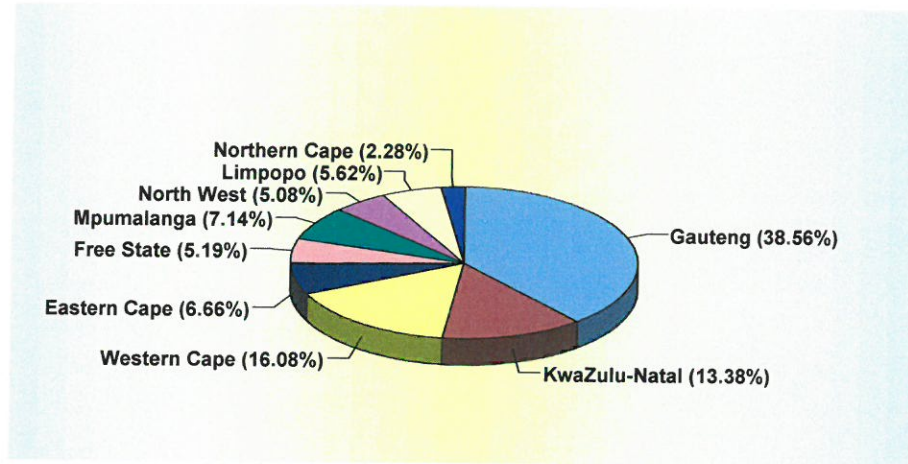
Figure 3: Percentage Annual Growth in Vehicle Population



Over the past year from December 2015 to December 2016 the highest percentage growth in total vehicles was recorded in Limpopo with a growth of 3.36% followed by Western Cape with a growth of 2.93%.

The percentage vehicles registered per province as on 31 December 2016 is reflected in the graph below.

Figure 4: Percentage Vehicles Registered per Province



The information in the graph above shows that 38.56% of all vehicles are registered in Gauteng; 16.08% in Western Cape and 13.38% in KwaZulu-Natal.

More detailed information on the number of vehicles per type registered per Province for December 2015 and December 2016 is given in the table under **Annexure A**.

6.2 Human Population and Mobility

The estimated human population for each year from 2013 to 2016 is given in table below. (These figures are estimates from the mid-year estimates released annually by Stats SA).

Table 3: Estimated Mid-Month Human Population per Province – million

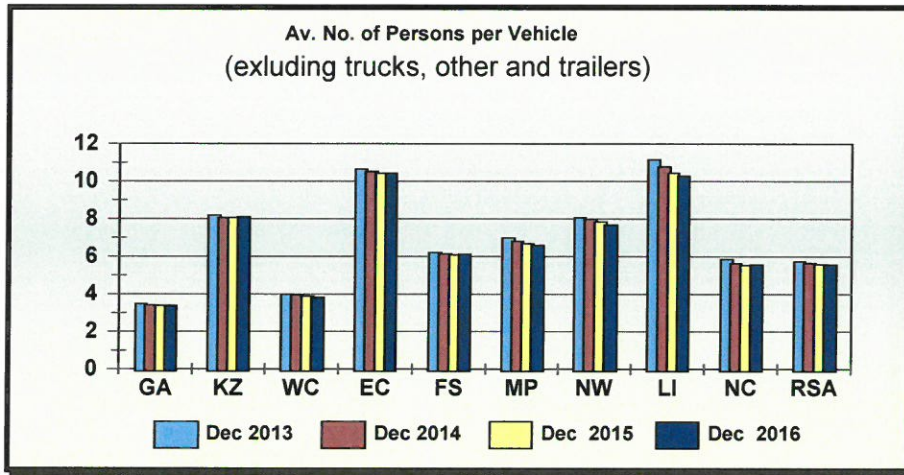
Month	Province									Total RSA
	GA	KZ	WC	EC	FS	MP	NW	LI	NC	
Dec 2013	12.82	10.58	6.07	6.70	2.77	4.18	3.64	5.57	1.16	53.49
Dec 2014	13.03	10.78	6.17	6.84	2.80	4.27	3.71	5.68	1.17	54.44
Dec 2015	13.28	11.00	6.27	6.97	2.83	4.34	3.76	5.78	1.18	55.41
Dec 2016	13.58	11.28	6.34	7.14	2.87	4.40	3.79	5.89	1.20	56.48

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 December 2013, 2014, 2015 and 2016 is shown in the table and reflected in the graph below.

Table 4: Average Number of Persons per Vehicle (excluding trucks, other, unknown and towed vehicles)

Average Number of Persons per Vehicle (excluding trucks, other, unknown and towed vehicles)										
Month	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
Dec 2013	3.48	8.19	4.00	10.64	6.21	6.98	8.07	11.17	5.86	5.74
Dec 2014	3.42	8.07	3.95	10.53	6.13	6.81	7.99	10.78	5.64	5.65
Dec 2015	3.39	8.06	3.89	10.43	6.09	6.69	7.85	10.45	5.52	5.58
Dec 2016	3.39	8.10	3.82	10.42	6.10	6.59	7.69	10.29	5.57	5.56

Figure 5: Average Number of Persons per Vehicle (excluding trucks, other and trailer)

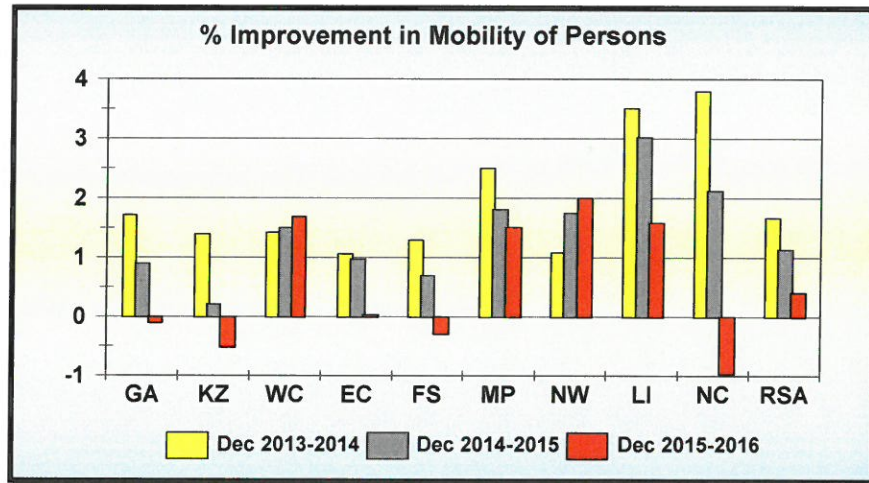


The percentage annual change or improvement in human mobility per province is reflected in table below.

Table 5: Percentage Improvement in Mobility per Province

Month	Province									Total RSA
	GA	KZ	WC	EC	FS	MP	NW	LI	NC	
Dec 2013-2014	1.72	1.39	1.42	1.06	1.29	2.50	1.08	3.51	3.80	1.67
Dec 2014-2015	0.90	0.21	1.50	0.97	0.69	1.81	1.75	3.02	2.12	1.14
Dec 2015-2016	-0.09	-0.50	1.69	0.03	-0.27	1.51	2.00	1.58	-0.96	0.41

Figure 6: Percentage Improvement in Mobility of Persons



The information in tables 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 1.67% from a national average of 5.74 persons per vehicle at the end of December 2013 to 5.61 persons per vehicle at the end of December 2014. From the end of December 2015 to December 2016 the improvement shows a decrease of 0.41%, from 5.58 to 5.56 persons per vehicle.

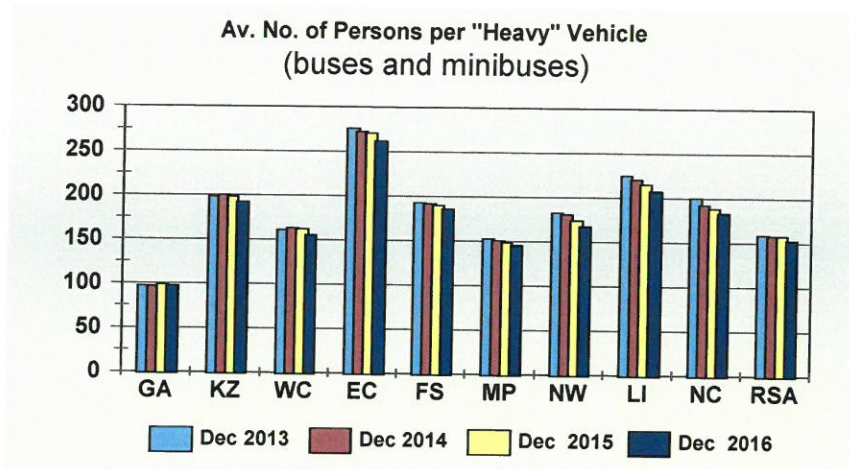
Although they do show some improvement, the “least mobile” Provinces remain Eastern Cape with 10.42 persons per vehicle; followed by the Limpopo with 10.29 persons per vehicle at the end of December 2016. The “most mobile” Provinces are KwaZulu Natal and the North West with an average of 8.10 and 7.69 persons per vehicle respectively at the end of December 2016.

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

Table 6: Average Number of Persons per “Heavy” Passenger Transport Vehicle (buses and minibuses)

Average Number of Persons per “Heavy” Passenger Transport Vehicle (buses and minibuses)										
Month	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
Dec 2013	97	198	161	276	192	153	182	225	200	158
Dec 2014	97	200	163	273	191	151	181	220	192	158
Dec 2015	99	198	162	271	190	148	174	215	188	158
Dec 2016	97	192	155	262	186	145	167	208	183	153

Figure 7: Average number of persons per “Heavy” vehicle (buses and minibuses)



The percentage annual change or improvement in the number of persons per “heavy” passenger road transport vehicle per province is reflected in the table 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	
Dec 2013-2014	0.44	-1.13	-1.42	1.26	0.52	1.44	0.94	2.05	4.06	0.26
Dec 2014-2015	-1.95	0.95	0.64	0.73	0.98	1.47	3.97	2.34	2.06	0.05
Dec 2015-2016	1.36	2.99	4.01	3.16	1.87	2.06	3.53	3.60	2.62	3.27

The information in tables and graph above show that, since the 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 December 2015 to December 2016 increased by 3.27% from 158 persons per vehicle to 153 persons per vehicle.

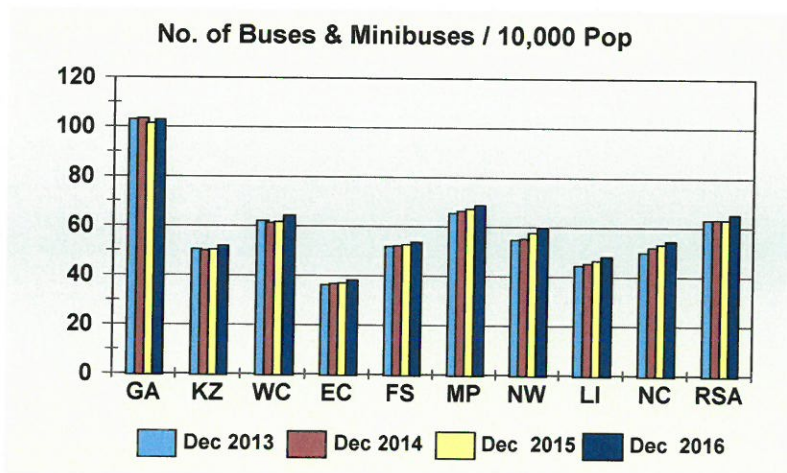
On a Provincial percentage basis the highest improvement was in the Western Cape where the average number of persons per vehicle changed by 4.01% from about 162 persons per vehicle in December 2015 to 155 persons per vehicle at the end of December 2016. In Limpopo the improvement was 3.60% from 215 to 208.

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

Table 8: Average Number of Public Transport Vehicles (buses and minibuses) per 10,000 Human Population

Month	Province									
	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
Dec 2013	103	51	62	36	52	65	55	44	50	63
Dec 2014	103	50	61	37	52	66	55	45	52	63
Dec 2015	101	50	62	37	53	67	58	46	53	63
Dec 2016	103	52	64	38	54	69	60	48	55	65

Figure 8: Number of Buses and Minibuses per 10,000 Human population



6.3 Un-Roadworthy and Un-Licensed Vehicles

6.3.1 General

Un-roadworthy vehicles are 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 increased by 22 171 (2.19%) from 1 013 278 vehicles as on 31

December 2015 to 1 035 449 vehicles as on 31 December 2016. Detail in this regard per type of vehicle is provided in the table below and the percentage (%) change from 2015 to 2016 reflected in the graph below.

Table 9: Number of Un-Roadworthy, Un-Licensed Vehicles or Both

Number of Un-Roadworthy, Un-Licensed Vehicles or Both				
Vehicle Type	Dec 2015	Dec 2016	Change	% Change
Motorcars	551 978	559 873	7 895	1.43
Minibuses	44 545	46 930	2 385	5.35
Buses	9 152	9 276	124	1.35
Motorcycles	58 390	57 336	-1 054	-1.81
LDV's - Bakkies	167 231	176 452	9 221	5.51
Trucks	79 140	79 871	731	0.92
Caravans	6 038	6 072	34	0.56
Heavy Trailers	33 419	33 620	201	0.60
Light Trailers	37 037	39 247	2 210	5.97
Unknown	26 348	26 772	424	1.61
All Vehicles	1 013 278	1 035 449	22 171	2.19

With an exception of motorcycles, increases were recorded for most types of vehicles in this regard. The biggest increase was recorded for light trailers with 5.97% followed by LDV's-bakkies with 5.51%.

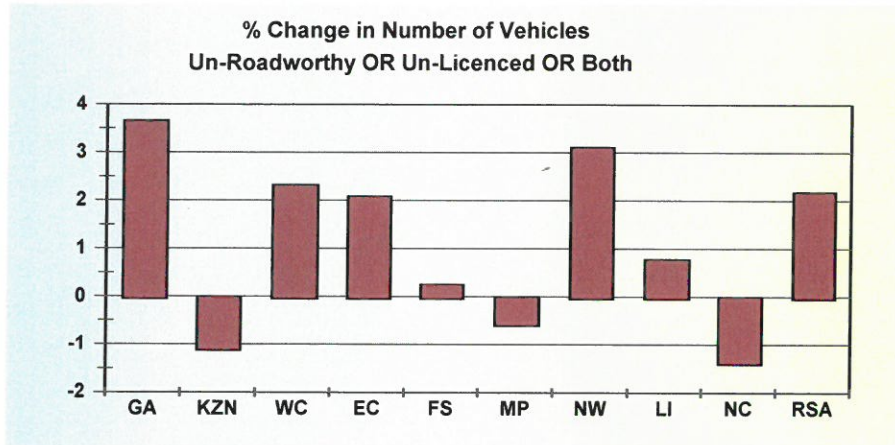
Detail on the number of vehicles that are either un-roadworthy, un-licensed or both per Province is provided in the table below and the percentage (%) change from 2015 to 2016 reflected in the graph below.

Table 10: Number of Vehicles that is Un-Roadworthy OR Un-Licensed OR Both per province

Number of Vehicles that is Un-Roadworthy OR Un-Licensed OR Both										
Year	GA	KZN	WC	EC	FS	MP	NW	LI	NC	RSA
Dec 2015	498 283	118 818	122 671	52 127	49 963	71 665	45 974	39 568	14 209	1 013 278
Dec 2016	516 548	117 521	125 520	53 220	50 089	71 251	47 407	39 877	14 016	1 035 449
Change	18 265	-1 297	2 849	1 093	126	-414	1 433	309	-193	22 171
% Change	3.67	-1.09	2.32	2.10	0.25	-0.58	3.12	0.78	-1.36	2.19

The information in tables and figures above shows that most provinces recorded an increase in this regard with the exception of Kwa-Zulu Natal, Mpumalanga and Northern Cape.

Figure 9: Percentage Change in number of vehicles Un-Roadworthy or Un-Licensed or Both



On a provincial level the highest percentage (%) change was recorded for Gauteng province followed by North West with 3.67% and 3.12% respectively.

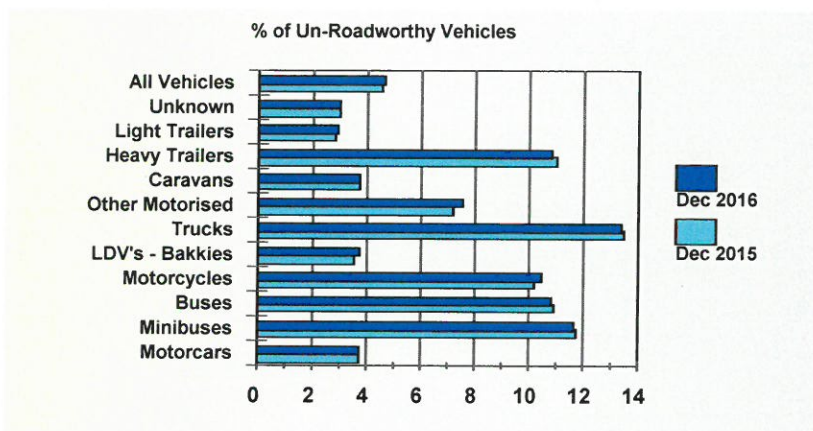
6.3.2 Number of Un-Roadworthy Vehicles

The number of vehicles that are un-roadworthy (but licenced) increased by 14 961 (2.85%) from 524 893 vehicles as on 31 December 2015 to 539 854 vehicles as on 31 December 2016. Detail in this regard is given in the table below and the percentage of un-roadworthy vehicles per type of vehicle, as a percentage of the number registered, is reflected in the graph below.

Table 11: Number of Un-Roadworthy Vehicles

Number of Un-Roadworthy Vehicles				
Vehicle Type	Dec 2015	Dec 2016	Change	% Change
Motorcars	251 239	257 308	6 069	2.42
Minibuses	34 707	35 718	1 011	2.91
Buses	6 419	6 591	172	2.68
Motorcycles	37 162	37 415	253	0.68
LDV's - Bakkies	82 480	87 571	5 091	6.17
Trucks	49 268	49 234	-34	-0.07
Caravans	3 727	3 732	5	0.13
Heavy Trailers	20 124	20 211	87	0.43
Light Trailers	22 438	23 734	1 296	5.78
Unknown	17 329	18 340	1 011	5.83
All Vehicles	524 893	539 854	14 961	2.85

Figure 10: Percentage of Un-Roadworthy Vehicles



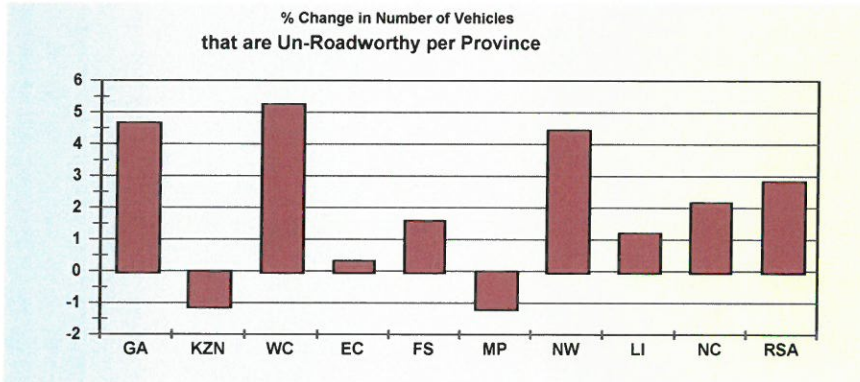
The information in the table and graph above shows that with exception of trucks, all other vehicle types recorded an increase in this regard. The highest increase of un-roadworthy vehicles was recorded for LDV's-bakkies with an increase of 5 091 (6.17%) from 82 480 at the end of December 2015 to 87 571 at the end of December 2016.

Details with regards to the number of vehicles that are un-roadworthy per Province are provided in the table below and the percentage (%) change from 2015 to 2016 reflected in the graph below.

Table 12: Number of Un-Roadworthy Vehicles

Number of Un-Roadworthy Vehicles										
Year	GA	KZN	WC	EC	FS	MP	NW	LI	NC	RSA
Dec 2015	226 583	67 429	62 038	30 158	33 120	43 641	26 417	25 704	9 803	524 893
Dec 2016	237 183	66 702	65 304	30 256	33 648	43 137	27 592	26 016	10 016	539 854
Change	10 600	-727	3 266	98	528	-504	1 175	312	213	14 961
% Change	4.68	-1.08	5.26	0.32	1.59	-1.15	4.45	1.21	2.17	2.85

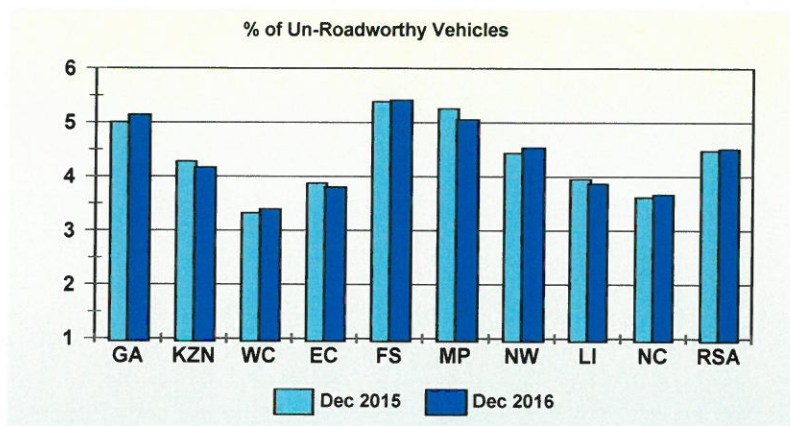
Figure 11: Percentage Change in Number of Vehicles that are Un-Roadworthy per Province



The information in the table and graph above shows that with exception of Kwa-Zulu Natal and Mpumalanga, all other provinces recorded increase in the number of un-roadworthy vehicles. On a percentage basis the highest increase was recorded in Western Cape where the number of un-roadworthy vehicles increased by 3 266 (5.26%) from 62 038 in 2015 to 65 304 at the end of December 2016. Other increases in this regard were recorded in: Gauteng with an increase of 4.68% followed by North West with an increase of 4.45%.

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.

Figure 13: Percentage of Un-Roadworthy Vehicles



6.1.2 Number of Un-Licensed Vehicles

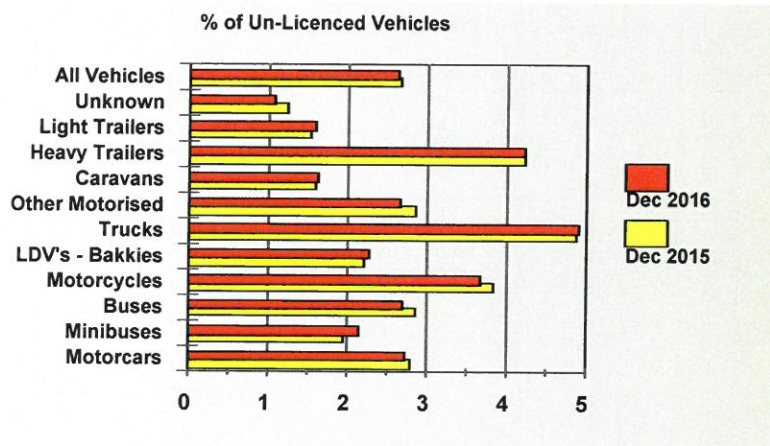
On a national basis the number of un-licensed vehicles increased by 3 175 (1.03%) from 308 614 vehicles as on 31 December 2015 to 311 789 vehicles as on 31 December 2016.

Detail per type of vehicle in this regard is given in the table below 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 14: Number of Un-Licensed Vehicles

Number of Un-Licensed Vehicles				
Vehicle Type	Dec 2015	Dec 2016	Change	% Change
Motorcars	188 459	188 275	-184	-0.10
Minibuses	5 748	6 494	746	12.98
Buses	1 681	1 639	-42	-2.50
Motorcycles	13 911	13 087	-824	-5.92
LDV's - Bakkies	52 164	54 914	2 750	5.27
Trucks	17 797	18 095	298	1.67
Caravans	1 606	1 644	38	2.37
Heavy Trailers	7 722	7 861	139	1.80
Light Trailers	12 580	13 309	729	5.79
Unknown	6 946	6 471	-475	-6.84
All Vehicles	308 614	311 789	3 175	1.03

Figure 13: Percentage of Un-Licensed Vehicles



The information in the table and graph above shows that with exception of motorcars, buses, motorcycles and unknown, all other vehicle types recorded an

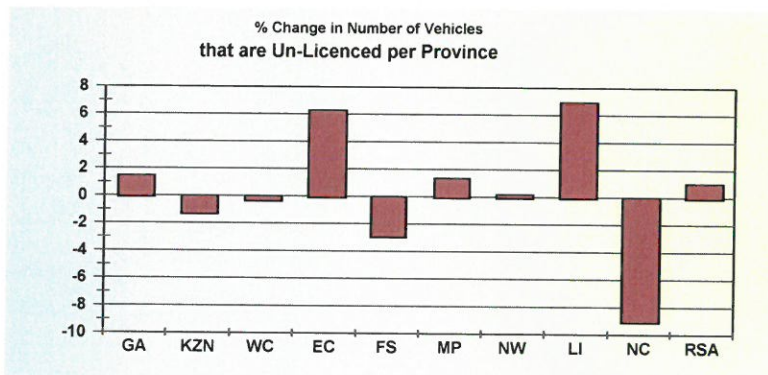
increase with regards to the number of un-licenced vehicles. On a percentage basis the highest increase was recorded for minibuses with 12.98% from 5 748 to 6 494.

Detail on the number of vehicles that are un-licenced per Province is provided in the table below and the percentage (%) change from 2015 to 2016 reflected in the graph below.

Table 15: Number of Un-Licenced Vehicles

Number of Un-Licenced Vehicles										
Year	GA	KZN	WC	EC	FS	MP	NW	LI	NC	RSA
Dec 2015	163 328	35 471	42 134	15 334	10 488	17 361	12 325	9 008	3 165	308 614
Dec 2016	165 754	35 056	42 037	16 300	10 182	17 597	12 349	9 635	2 879	311 789
Change	2 426	-415	-97	966	-306	236	24	627	-286	3 175
% Change	1.49	-1.17	-0.23	6.30	-2.92	1.36	0.19	6.96	-9.04	1.03

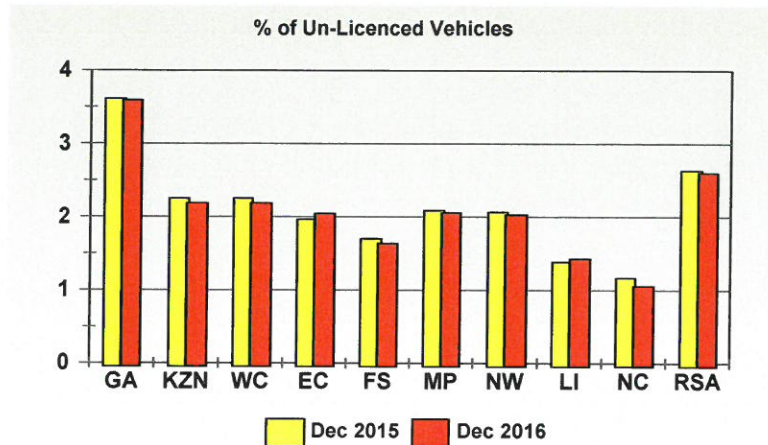
Figure 14: Percentage change in Number of Vehicle that are Un-Licenced per Province



The information in the table and graph above shows that the highest increase in the number of un-licenced vehicles were recorded in Limpopo (6.96%), followed by Eastern Cape (6.30%).

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

Figure 15: Percentage of Un-Licensed vehicles



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

7 Driver Population

7.1 Learner Driving Licences

The number of learner driving licences issued decreased by 799 (0.06%) from 1 263 060 on 31 December 2015 to 1 262 261 on 31 December 2016. Detail on the number of learner driving licences issued per category is given in Table 3 below and graphically reflected in the figure below.

Table 16: Number of learner Licences Issued per category

Category	Dec 2015	Dec 2016	Change	% Change
1	49 023	46 183	-2 840	-5.79
2	291 675	273 449	-18 226	-6.25
3	922 362	942 629	20 267	2.20
Total	1 263 060	1 262 261	-799	-0.06

Source: eNatis

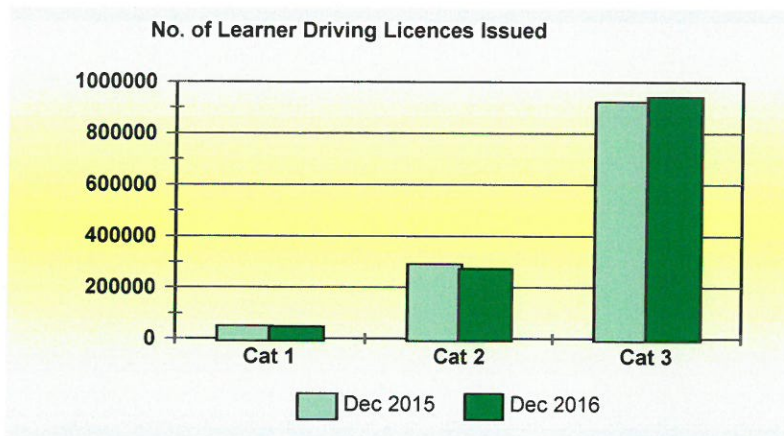
Learner Licences :

Category 1 : Motorcycle

Category 2 : Light Motor Vehicle

Category 3 : Heavy Motor Vehicle

Figure 16: Number of learner driving license issued



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

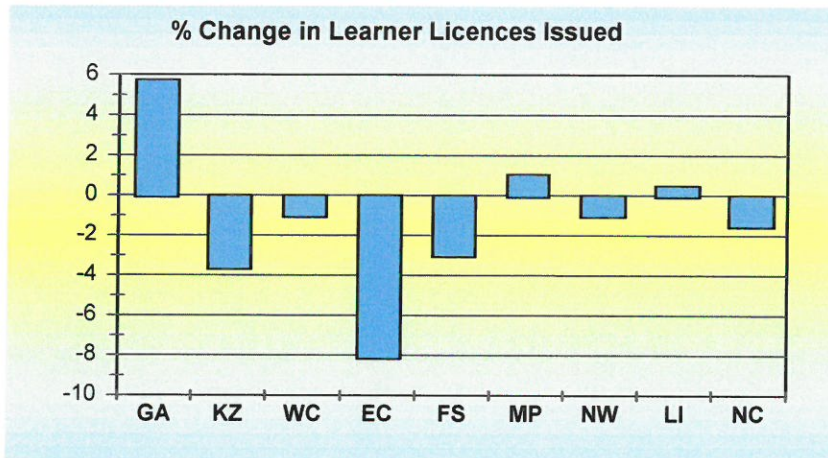
Table 17: Number of Learners Licences Issued per Province

Year	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
Dec 2015	343 170	215 721	190 617	113 769	72 497	112 578	73 912	110 389	30 407	1 263 060
Dec 2016	362 890	207 867	188 726	104 585	70 332	113 758	73 210	110 932	29 961	1 262 261
Change	19 720	-7 854	-1 891	-9 184	-2 165	1 180	-702	543	-446	-799
% Change	5.75	-3.64	-0.99	-8.07	-2.99	1.05	-0.95	0.49	-1.47	-0.06

Source: eNatis

With exception of Gauteng, Mpumalanga and Limpopo, other provinces recorded a decrease with regards to the number of Learner Licences issued. The highest decrease was recorded for Eastern Cape with 8.07% followed by Kwa-Zulu Natal with 3.64%.

Figure 17: Percentage change in learner licences issued per province



7.2 Driving Licences Issued and Expired

7.2.1 Number of Driving Licences Issued

The number of driving licences issued increased by 506 387 (4.34%) from 11 656 426 on 31 December 2015 to 12 162 813 as of 31 December 2016. Details on the number of driving licences issued per category is given in Table 5 and graphically reflected in the figure below.

Table 18: Number of Driving Licences Issued

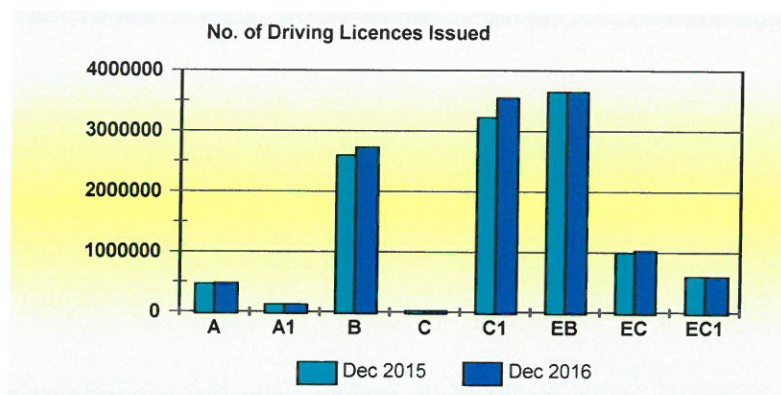
Category	Dec 2015	Dec 2016	Change	% Change
A	465 279	473 927	8 648	1.86
A1	123 458	123 417	-41	-0.03
B	2 595 699	2 726 094	130 395	5.02
C	21 264	22 105	841	3.96
C1	3 220 352	3 550 500	330 148	10.25
EB	3 646 264	3 649 426	3 162	0.09
EC	988 715	1 023 432	34 717	3.51
EC1	595 395	593 912	-1 483	-0.25
Total	11 656 426	12 162 813	506 387	4.34

Source: eNatis

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

Figure 18: Number of driving licenses issued



The information contained in the table above depicts that the highest percentage change was recorded for Categories B, C, C1 and EC, with percentages of 5.02%, 3.96%, 10.25% and 3.51%, respectively.

The number and percentage (%) of driving licences issued per category at the end of December 2016 is reflected in table below.

Table 19: Number and % of Driving Licences Issued per Category

Category	Description	Number	%
A	Motorcycle < 125 cub.cm	465 279	3.99
A1	Motorcycle > 125 cub.cm	123 458	1.06
B	Motor vehicle < 3,5000 kg	2 595 699	22.27
C	Articulated motor vehicle <16,000 kg	21 264	0.18
C1	Motor vehicle 3,500 - 16,000 kg	3 220 352	27.63
EB	Articulated vehicle 3,500 - 16,000 kg	3 646 264	31.28
EC	Motorvehicle > 16,000 kg	988 715	8.48
EC1	Articulated vehicle > 16,000 kg	595 395	5.11
Total		11 656 426	100

Source: eNatis

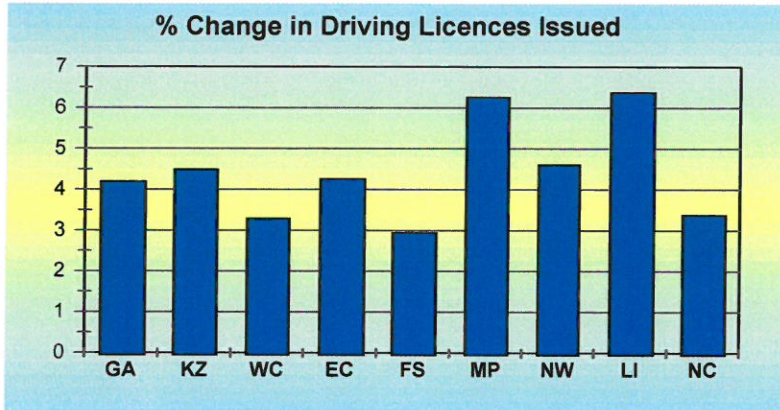
Provincial information in this regard is given in the table below and the percentage change with regard to all licences issued per province is reflected in the graph below.

Table 20: Number of Driving Licences Issued per Province

Year	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
Dec 2015	4 107 132	1 850 784	1 812 673	851 051	597 310	814 734	550 841	850 699	221 202	11 656 426
Dec 2016	4 279 141	1 933 851	1 872 170	887 233	614 850	865 713	576 234	904 969	228 652	12 162 813
Change	172 009	83 067	59 497	36 182	17 540	50 979	25 393	54 270	7 450	506 387
% Change	4.19	4.49	3.28	4.25	2.94	6.26	4.61	6.38	3.37	4.34

Source: eNatis

Figure 19: Percentage change in driving licences issued



7.3 Number of Driving Licence Cards Expired

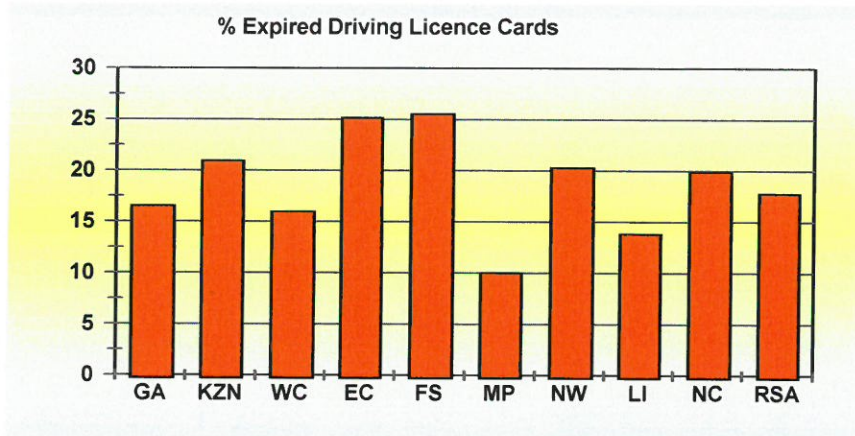
The information in table below shows that on 31 December 2016 there were a total of 2 163 804 expired driving licence cards recorded on the National Traffic Information System (NaTIS). This figure represents 17.79% of all driving licences issued. This information is also reflected in the graph below.

Table 21: Number of Driving Licence Cards Issued and Expired per Province

Dec 2016										
Category	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
On system	4 279 141	1 933 851	1 872 170	887 233	614 850	865 713	576 234	904 969	228 652	12 162 813
Not expired	3 572 780	1 529 234	1 573 570	664 119	457 912	779 033	459 452	779 721	183 188	9 999 009
Expired	706 361	404 617	298 600	223 114	156 938	86 680	116 782	125 248	45 464	2 163 804
% Expired	16.51	20.92	15.95	25.15	25.52	10.01	20.27	13.84	19.88	17.79

Source: eNatis

Figure 20: Percentage of expired driving license cards per province



7.3.1 Professional Driving Permits Issued and Expired

7.3.1.1 Number of Professional Driving Permits Issued

The number of Professional Driving Permits (PrDP's) issued increased by 27 247 (2.64%) from 1 033 627 on 31 December 2015 to 1 060 874 on 31 December 2016. Detail on the number of PrDPs issued per category is given in Table 10 and graphically reflected in the figure below.

Table 22: Number of PrDP's Issued

Category	Dec 2015	Dec 2016	Change	% Change
G	10 128	9 375	-753	-7.43
P G	987 447	1 012 660	25 213	2.55
D G	180	165	-15	-8.33
D P G	35 872	38 674	2 802	7.81
Total	1 033 627	1 060 874	27 247	2.64

Source: eNatis

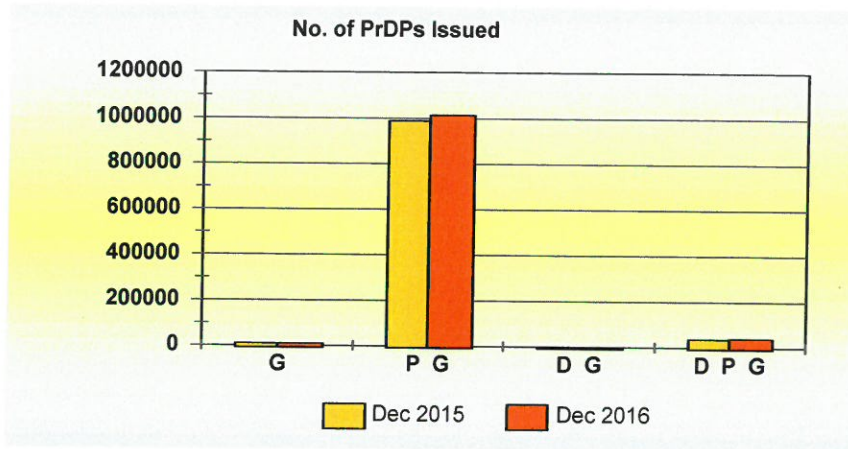
Professional Driving Permits (PrDPs)

G: Goods

P: Passengers

D: Dangerous goods

Figure 21: Number of PrDPs issued



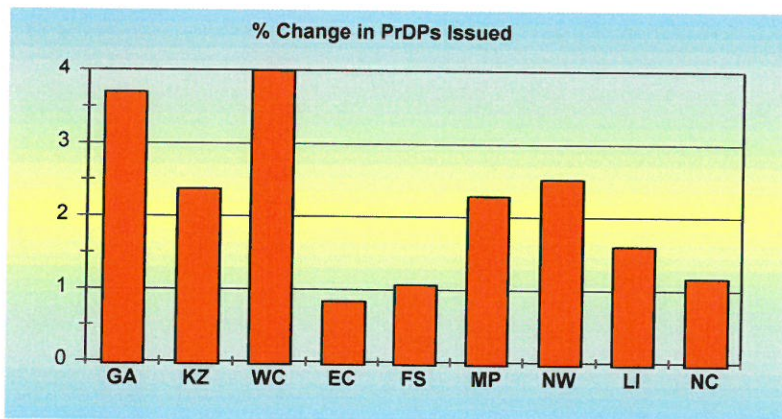
Provincial information in this regard is given in the table below and the percentage change with regard to all categories of PrDP's issued per Province is reflected in the graph below.

Table 23: Number of Professional Driving Permits (PrDP's) Issued per Province

Number of Professional Driving Permits (PrDP's) Issued per Province										
Year	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
Dec 2015	277 434	177 828	144 515	85 457	65 171	99 774	52 776	106 296	24 376	1 033 627
Dec 2016	287 690	182 048	150 289	86 171	65 862	102 051	54 105	107 998	24 660	1 060 874
Change	10 256	4 220	5 774	714	691	2 277	1 329	1 702	284	27 247
% Change	3.70	2.37	4.00	0.84	1.06	2.28	2.52	1.60	1.17	2.64

Source: eNatis

Figure 22: Percentage change in driving licences issued



7.3.2 Number of Expired PrDPs

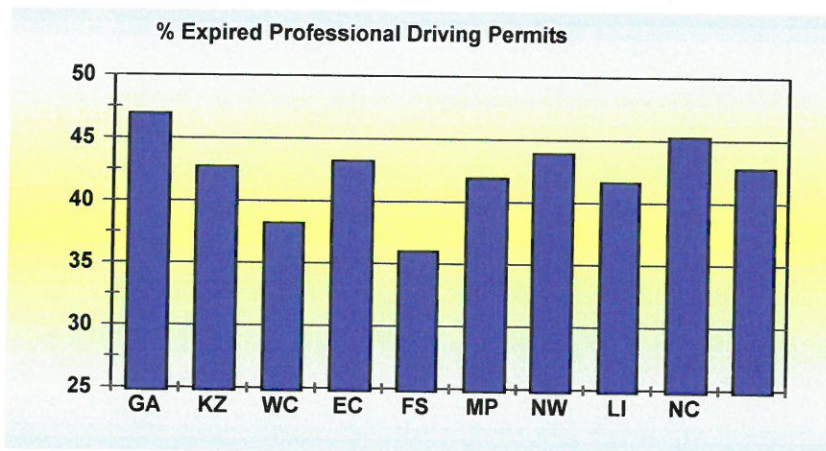
The information in the table below shows that on 31 December 2016 there were a total of 453 903 expired Professional Driving Permits (PrDPs) recorded on the National Traffic Information System (NaTIS). This figure represents 42.79% of all PrDPs issued. This information is also reflected in the graph below.

Table 24: Number of Professional Driving Permits (PrDPs) Issued and Expired per Province

Dec 2016	Number of Professional Driving Permits (PrDPs) Issued and Expired per Province									
Category	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
On system	287 690	182 048	150 289	86 171	65 862	102 051	54 105	107 998	24 660	1 060 874
Not expired	152 654	104 224	92 870	48 922	42 139	59 275	30 352	63 045	13 490	606 971
Expired	135 036	77 824	57 419	37 249	23 723	42 776	23 753	44 953	11 170	453 903
% Expired	46.94	42.75	38.21	43.23	36.02	41.92	43.90	41.62	45.30	42.79

Source: eNatis

Figure 23: Percentage of expired professional driving permits



Provinces that recorded the highest increase of expired PrDPs were Gauteng, with 46.94%, followed by Northern Cape and North West, with 45.30% and 43.90%, respectively.

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

8 Road Traffic Fatal Crashes and Fatalities

8.1 Number of Fatal Crashes

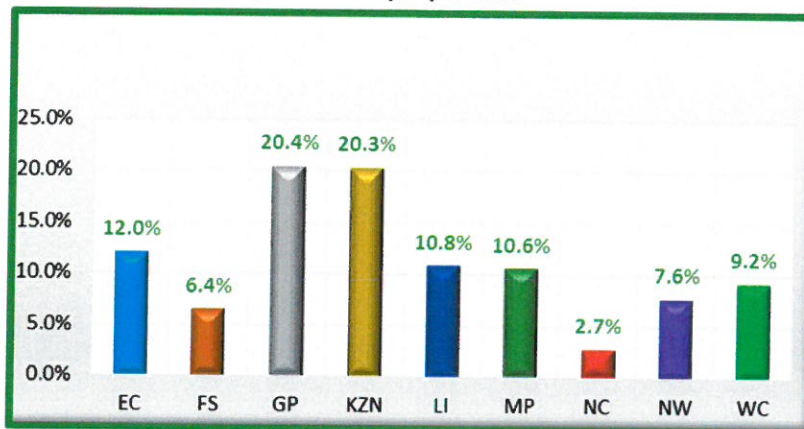
Over the 12 months period from 1 January 2016 to 31 December 2016 the number of fatal crashes increased by 1 063 (10%) from 10 676 crashes over the same period the previous year (2015) to 11 676 in 2016. Provincial details in this regard is given in table below.

Table 25: Number of Fatal Crashes per Province over 12 Month Period

Year	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
2015	2 171	2 075	998	1 249	750	1 098	765	1 189	318	10 613
2016	2 385	2 367	1 071	1 398	751	1 233	892	1 261	318	11 676
change	214	292	73	149	1	135	127	72	0	1 063
% change	9.9	14.1	7.3	11.9	0.1	12.3	16.6	6.1	-	10.0

Source: RTMC

Figure 24 Fatal crashes contribution per province



With the exception of Northern Cape, all other provinces recorded an increase for the number of fatal crashes. On a provincial percentage basis the biggest increases over the 12-month period from 1 January 2016 to 31 December 2016 were recorded as follows:

- North West : an increase of 127 (17%) from 765 to 892;
- Kwa-Zulu Natal : an increase of 292 (14%) from 2 075 to 2 367;
- Mpumalanga: an increase of 135 (12%) from 1 098 to 1 233; and
- Eastern Cape : an increase of 149 (12%) from 1 249 to 1 398

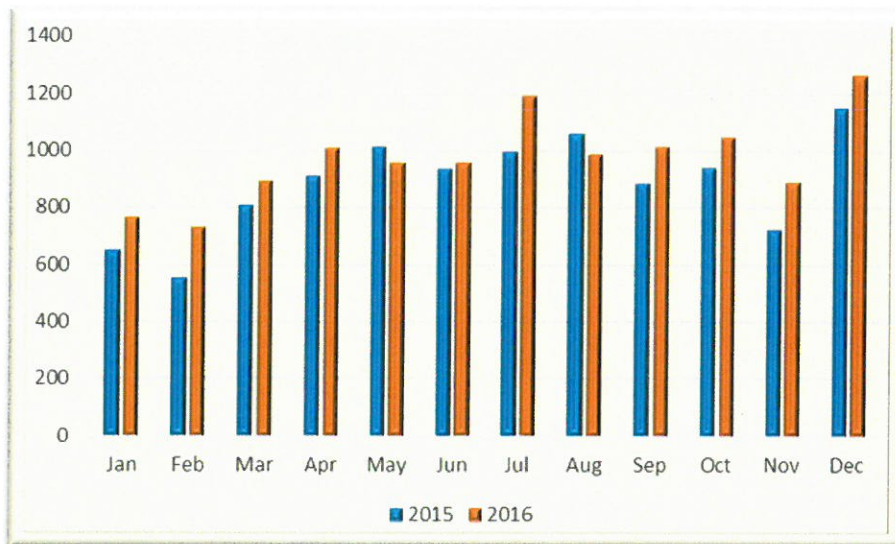
The monthly number of fatal crashes over the two comparative 2 year periods is graphically reflected in figure below.

Table 26: Monthly Number of Fatal Crashes

Month	2015	2016	Change	% change
Jan	652	764	112	17.2
Feb	556	730	174	31.3
Mar	808	891	83	10.3
Apr	908	1005	97	10.7
May	1 012	955	-57	-5.6
Jun	936	955	19	2.0
Jul	993	1189	196	19.7
Aug	1 058	985	-73	-6.9
Sep	884	1012	128	14.5
Oct	938	1044	106	11.3
Nov	722	886	164	22.7
Dec	1 146	1 260	114	9.9
Total	10 613	11 676	1063	10.0

Source: RTMC

Figure 25: Number of Fatal Crashes per Month



Source: RTMC

The table and figure above compares the number of fatal crashes for the two years per month. In 2015 the months that recorded more than 1 000 fatal crashes were May, August and December while in 2016 the months that recorded more than 1 000 fatal crashes were April, July, September, October and December.

8.2 Fatal Crashes per Day of Week

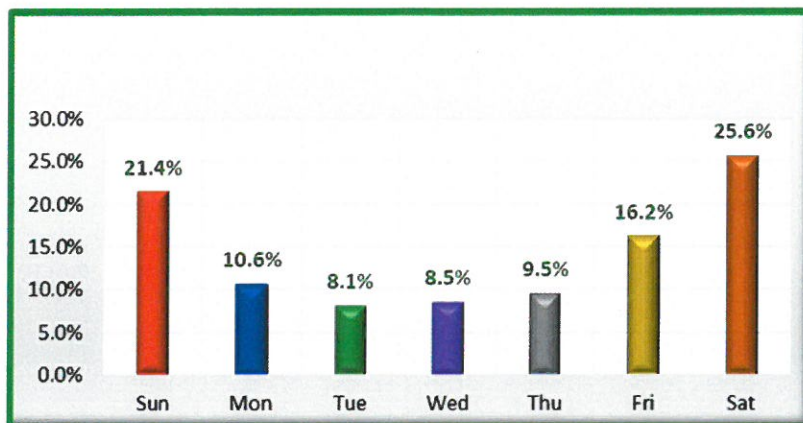
Provincial detail of the crashes per the day of the week in this regard is given in the table below.

Table 27: Number of Fatal Crashes per Province per day of week over 12 Month Period

Province	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Total	% of Tot
EC	281	151	109	109	131	266	351	1 398	12.0%
FS	150	71	61	68	78	122	201	751	6.4%
GP	505	251	205	204	252	371	597	2 385	20.4%
KZN	475	265	221	198	253	375	580	2 367	20.3%
LI	312	120	94	102	94	185	354	1 261	10.8%
MP	309	132	74	90	108	202	318	1 233	10.6%
NC	70	30	19	37	33	47	82	318	2.7%
NW	186	80	65	77	64	165	255	892	7.6%
WC	216	136	94	110	98	162	255	1 071	9.2%
Total	2 504	1 236	942	995	1 111	1 895	2 993	11 676	100.0%
% of Tot	21.4%	10.6%	8.1%	8.5%	9.5%	16.2%	25.6%	100.0%	

The table above shows that on a provincial percentage basis Gauteng contributed 20.4% to the occurrence of fatal crashes. Kwa-Zulu Natal and Eastern Cape contributed 20.3% and 12% respectively.

Figure 26: Fatal crashes contribution per day of week

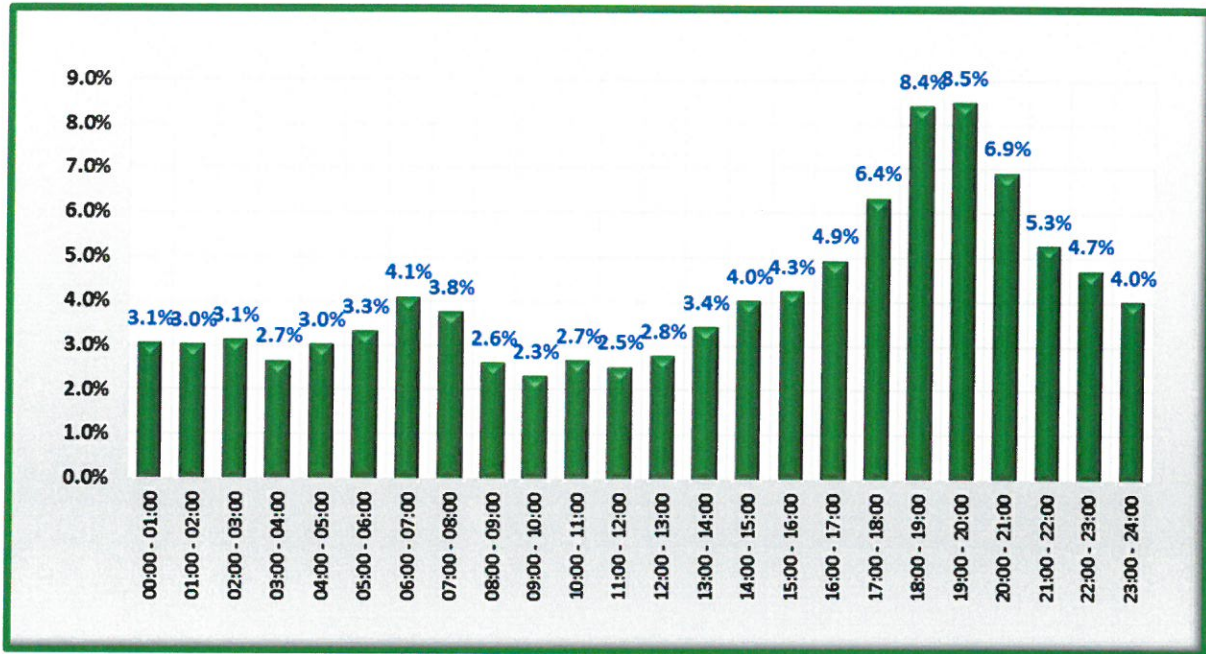


The figure above shows percentage distribution of fatal crashes per day of week. It depicts that 25.6% of fatal crashes recorded occurred on Saturdays followed by Sundays with a contribution of 21.4% and Fridays with 16.2%.

8.3 Fatal Crashes per time of day

The percentage of fatal crashes per time of day for the period under review is reflected in the graph below.

Figure 27: Percentage contribution of fatal crashes per time of day



The above information shows the following percentage of crashes for the respective hours of the day to be time that most crashes have occurred:

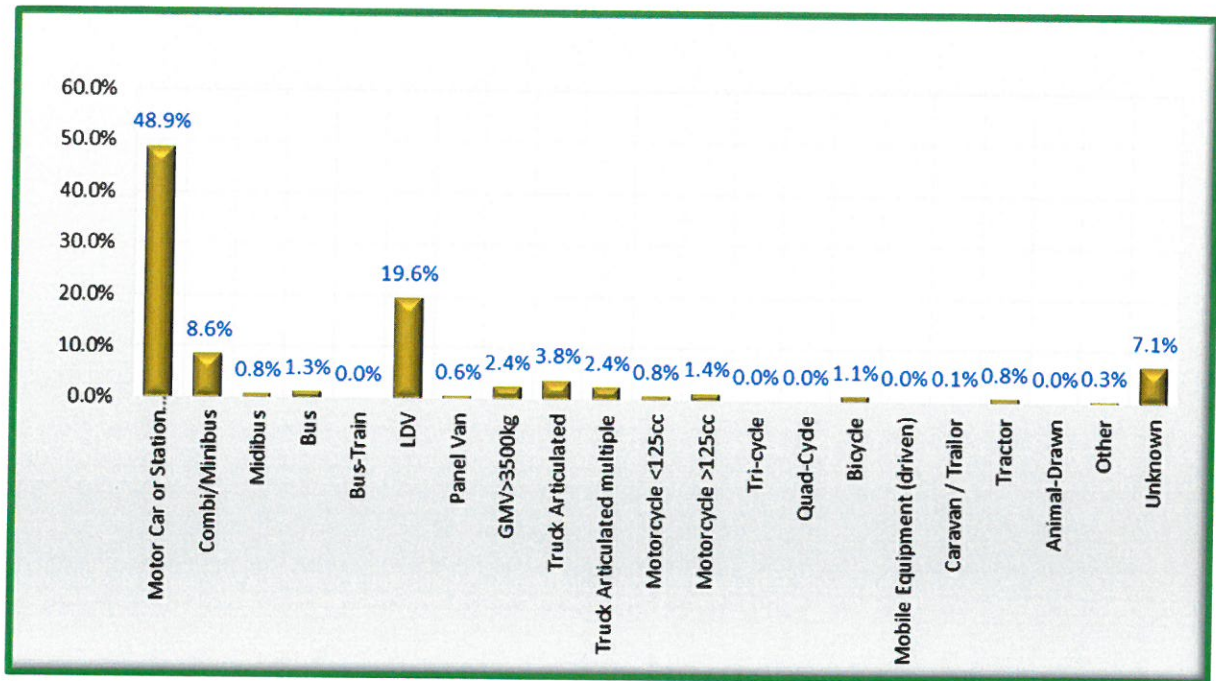
- From 17:00 to 18:00: 6.4%
- From 18:00 to 19:00 : 8.4%;
- From 19:00 to 20:00 : 8.5%;
- From 20:00 to 21:00 : 6.9%;

About 30.2% of the daily crashes happened between 17:00 to 21:00. About 56% of the crashes happened generally during hours of darkness, between 18:00 in the evening and 06:00 the next morning.

8.4 Fatal crashes per vehicle type

The percentage contribution of various vehicles involved in the fatal crashes are reflected in the graph below.

Figure 28: Percentage contribution of vehicle type



The vehicle types that contributed the highest to fatal crashes were motorcars and LDV's with contributions of 48.9% and 19.6% respectively. The two vehicle types contribute to high number of fatalities for passengers.

8.5 Number of Fatalities

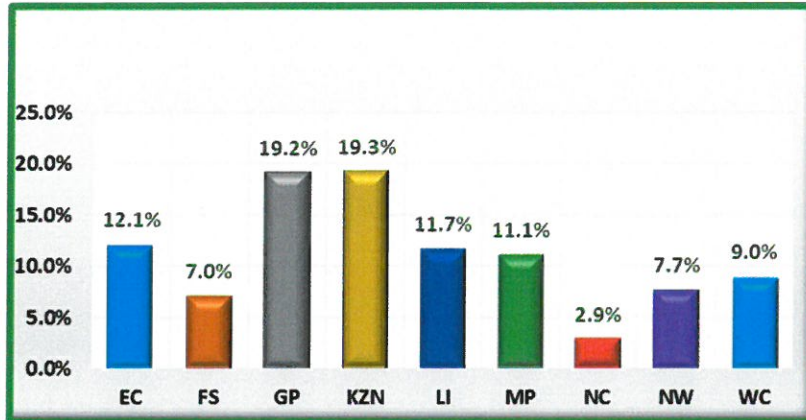
Over the 12-month period from 1 January 2016 to 31 December 2016 the number of fatalities increased by 1 127 (9%) from 12 944 fatalities over the same period the previous year to 14 071. Provincial detail in this regard is given in table below.

Table 28 : Number of Fatalities per Province over 12 Month Period

Year	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
2015	2 472	2 411	1 180	1 648	938	1 422	978	1 505	390	12 944
2016	2 700	2 715	1 260	1 705	992	1 562	1 084	1 644	409	14 071
Change	228	304	80	57	54	140	106	139	19	1 127
% Change	9	13	7	3	6	10	11	9	5	9

Source: RTMC

Figure 29: Fatalities contribution per province



The above figure depicts an increase in all the provinces. On a provincial percentage basis the biggest increases were recorded as follows:

- Kwa-Zulu Natal: an increase of 304 (13%) from 2 411 to 2 715;
- North West: an increase of 106 (11%) from 978 to 1 084; and
- Mpumalanga: an increase of 140 (10%) from 1 422 to 1 562

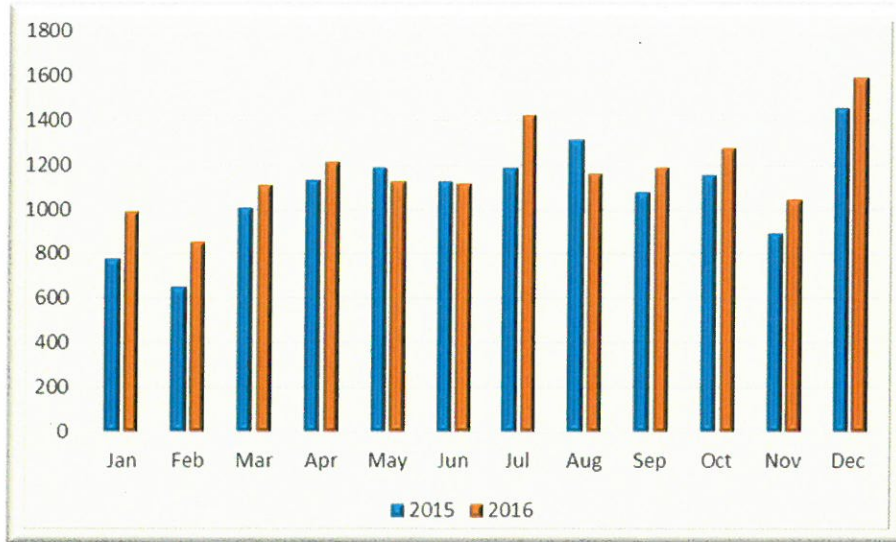
With regard to the absolute figures, the highest change was recorded for Kwa-Zulu Natal with 304 followed by Gauteng with an increase of 228.

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

Table 29: Monthly Number of Fatalities

Month	2015	2016	Change	% change
Jan	775	989	214	27.6
Feb	650	852	202	31.1
Mar	1 008	1 109	101	10.0
Apr	1 130	1 213	83	7.3
May	1 186	1 127	-59	-5.0
Jun	1 126	1 114	-12	-1.1
Jul	1 185	1 420	235	19.8
Aug	1 309	1 158	-151	-11.5
Sep	1 079	1 185	106	9.8
Oct	1 153	1 273	120	10.4
Nov	894	1 043	149	16.7
Dec	1 449	1 588	139	9.6
Total	12 944	14 071	1 127	8.7

Figure 30: Number of Fatalities per Month



Source: RTMC

The table and figure above depicts that in 2015 most of the months recorded more than 1000 fatalities with the exception of January, February and November months. In comparison, similar situation was observed with the exception of only January and February recording less than 1000 fatalities.

8.6 Fatalities per road users

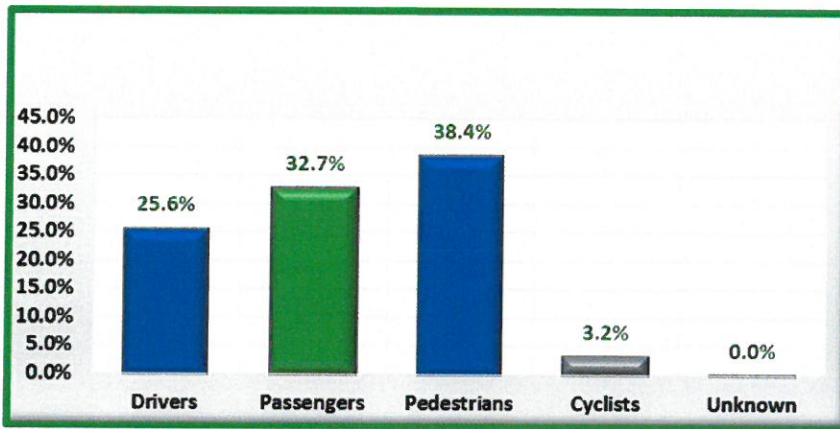
The percentage fatalities per road user group is reflected in the table and figure below. During the period under review pedestrians contributed 38.4%, followed by passengers with 32.7% and drivers with 25.6% to the total fatalities.

The percentages of road user group fatalities (drivers, passengers, pedestrians and cyclists) per Province reflected in the table below.

Table 30: Fatalities contribution per road users and per province

Province	Drivers	Passengers	Pedestrians	Cyclists	Unknown	Total	% of Tot
EC	416	643	614	32		1 705	12.1%
FS	305	421	242	24		992	7.0%
GP	657	622	1 287	134		2 700	19.2%
KZN	590	747	1 315	62	1	2 715	19.3%
LI	410	709	486	39		1 644	11.7%
MP	491	582	453	36		1 562	11.1%
NC	125	183	92	9		409	2.9%
NW	335	375	345	29		1 084	7.7%
WC	272	326	576	86		1 260	9.0%
Total	3 601	4 608	5 410	451	1	14 071	
% of Tot	25.6%	32.7%	38.4%	3.2%	0.0%	100.0%	100.0%

Figure 31: Fatalities contribution per road users



The table above depicts that within the driver category most fatalities were recorded for Gauteng with 657 and Kwa-Zulu Natal with 590. Compared to passengers category most fatalities were recorded in Kwa-Zulu Natal with 747 and Limpopo with 709. The highest number of fatalities for pedestrians category were recorded in Kwa-Zulu Natal with 1 315 followed by Gauteng with 1 287.

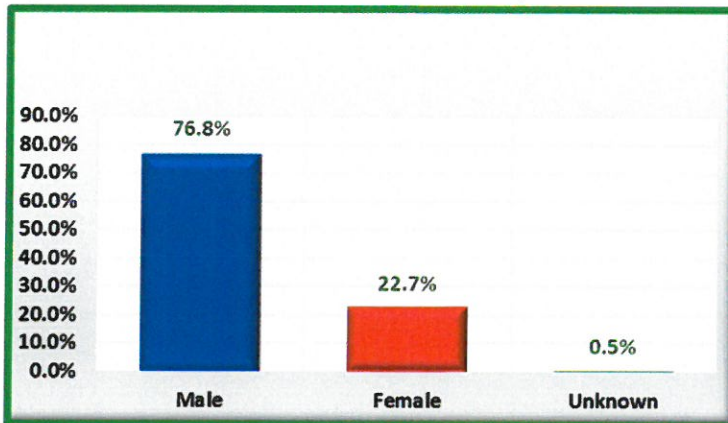
8.7 Fatalities per gender and race

The tables and figures below provide the percentage contribution of fatalities per gender and race.

Table 31: Number and Percentage contribution of Fatalities per Gender

Province	Male	Female	Unknown	Total	% of Tot
EC	1 275	426	4	1 705	12.1%
FS	732	237	23	992	7.0%
GP	2 204	486	10	2 700	19.2%
KZN	2 075	636	4	2 715	19.3%
LI	1 230	409	5	1 644	11.7%
MP	1 210	350	2	1 562	11.1%
NC	309	100		409	2.9%
NW	824	260		1 084	7.7%
WC	943	294	23	1 260	9.0%
Total	10 802	3 198	71	14 071	100.0%
% of Tot	76.8%	22.7%	0.5%	100.0%	

Figure 32: Percentage contribution of Fatalities per Gender



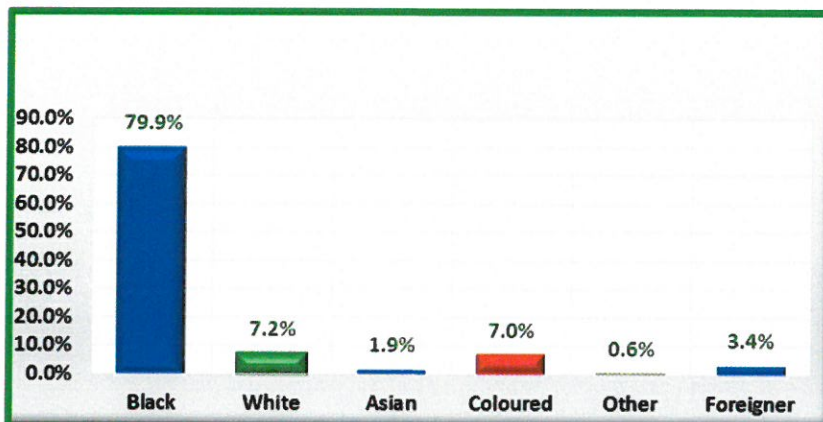
The most gender category involved in fatal crashes and contributing to the total number of fatalities is the male category with 76.8%, while the female category contributed 22.7% to the total number of fatalities.

Table 32: Percentage contribution of Fatalities per Race

Province	Black	White	Asian	Coloured	Other	Foreigner	Total	% of Tot
EC	1 454	87	5	132	3	24	1 705	12.1%
FS	808	100	8	34	22	20	992	7.0%
GP	2 161	279	47	62	10	141	2 700	19.2%
KZN	2 364	102	171	24	4	50	2 715	19.3%
LI	1 460	48	5	5	4	122	1 644	11.7%
MP	1 391	97	9	11	3	51	1 562	11.1%
NC	215	49	4	136		5	409	2.9%
NW	932	97	14	15	3	23	1 084	7.7%
WC	453	152	5	572	29	49	1 260	9.0%
Total	11 238	1 011	268	991	78	485	14 071	100.0%
% of Tot	79.9%	7.2%	1.9%	7.0%	0.6%	3.4%	100.0%	

The table above and figure below shows that the race categories that are mostly involved in fatal crashes are blacks with a contribution of 79.9% followed by whites with 7.2% to the total fatalities.

Figure 33: Percentage contribution of Fatalities per Race



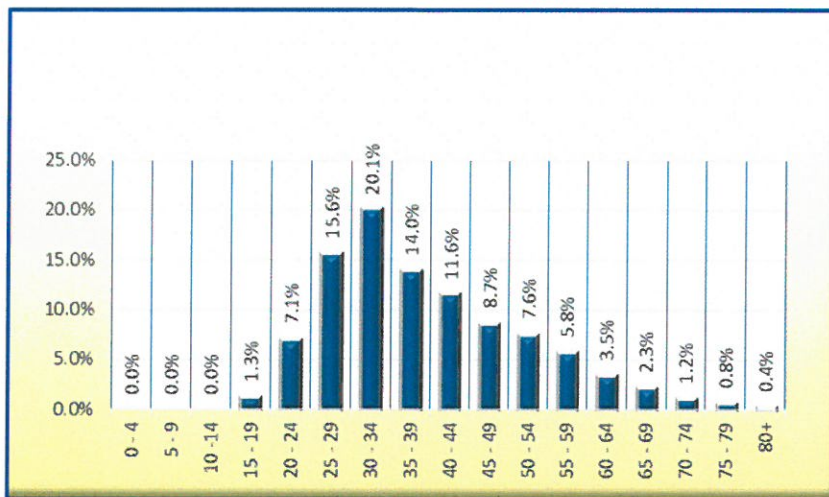
8.8 Fatalities per age group

The table and figure below provide information with regards to the fatalities per age and per road user type for January to December 2016.

Table 33: Percentage of Fatalities per Age group per Road User Group

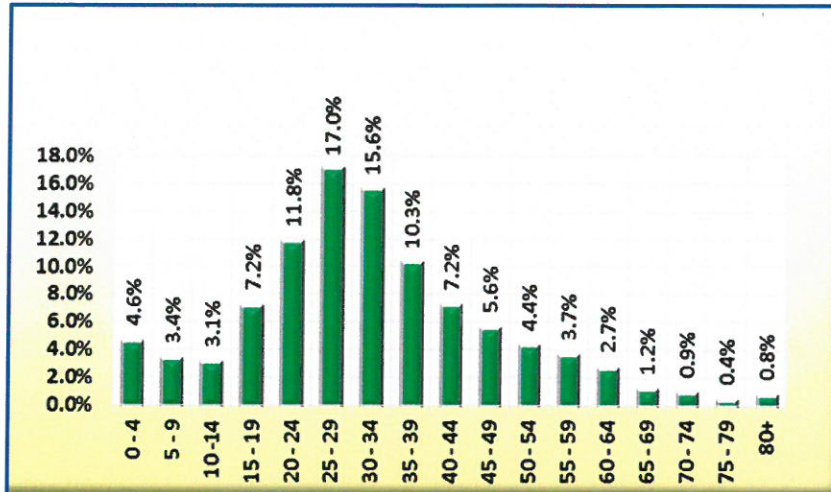
Age Group	Passenger	Pedestrian	Driver	Cyclist
0 - 4	4.6%	6.1%	0.0%	0.3%
5 - 9	3.4%	7.7%	0.0%	1.9%
10 - 14	3.1%	3.9%	0.0%	2.7%
15 - 19	7.2%	4.3%	1.3%	6.7%
20 - 24	11.8%	7.9%	7.1%	9.6%
25 - 29	17.0%	12.4%	15.6%	15.8%
30 - 34	15.6%	14.6%	20.1%	16.6%
35 - 39	10.3%	10.4%	14.0%	9.1%
40 - 44	7.2%	9.0%	11.6%	9.6%
45 - 49	5.6%	5.3%	8.7%	6.1%
50 - 54	4.4%	6.0%	7.6%	8.6%
55 - 59	3.7%	3.9%	5.8%	6.4%
60 - 64	2.7%	3.1%	3.5%	2.7%
65 - 69	1.2%	1.8%	2.3%	1.6%
70 - 74	0.9%	1.4%	1.2%	1.6%
75 - 79	0.4%	1.2%	0.8%	0.5%
80+	0.8%	1.1%	0.4%	0.3%
Total	100.0%	100.0%	100.0%	100.0%

Figure 34: Percentage contribution of fatalities per age for drivers



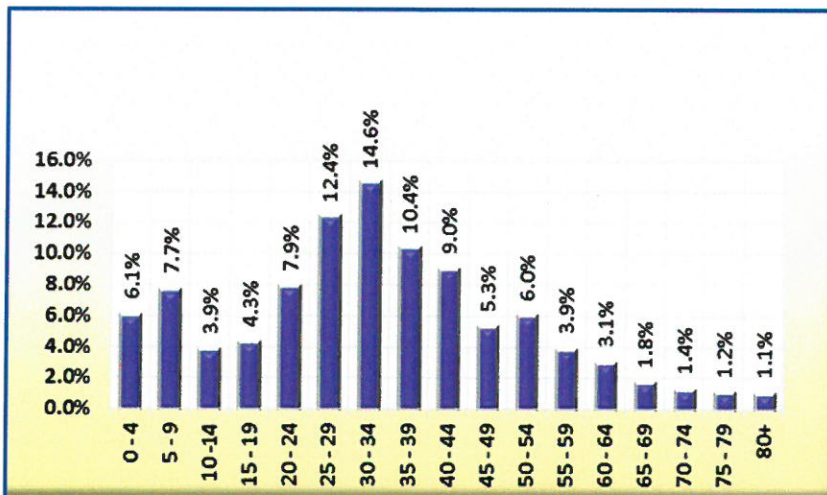
The figure above shows that the highest fatalities for drivers were recorded between the age group 25 to 44 years, having the age group between 30 to 34 years being the peak age group contributing 20.1% to driver fatalities. The age group between 25 to 29 years followed with 15.6% contribution to driver fatalities.

Figure 35: Percentage contribution of fatalities per age for passengers



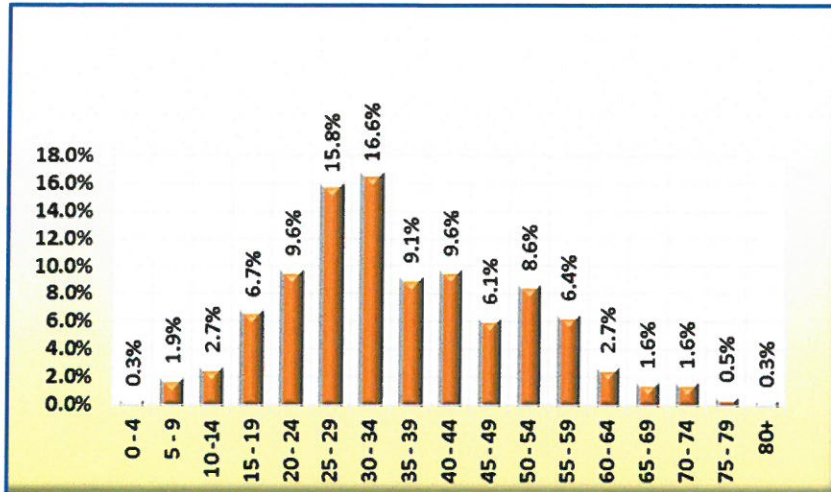
The figure above indicates that most fatalities for passengers were recorded between age group 20 and 39 years, having the age group between 25 to 29 years being the peak age group with a contribution 17% to passenger fatalities. The age group between 30 to 34 years followed with a contribution of 15.6%.

Figure 36: Percentage contribution of fatalities per age for pedestrian



The figure above indicates that most fatalities for pedestrians were recorded between the age groups 25 to 39 years. The age group between 30 and 34 was the peak age group with a contribution of 14.6%.

Figure 37: Percentage contribution of fatalities per age for Cyclist



The figure above indicates that most fatalities for cyclist were recorded between ages 25 to 34 years, having the age group between 30 to 34 years being the peak age group with a contribution of 17%. The age group between 25 to 29 years followed with a contribution of 16%.

8.9 Severity of Fatal Crashes

The severity of fatal crashes decreased by 0.01 (1%) from 1.22 during 2015 to 1.21 during 2016. The individual provincial severity rates are shown in table below.

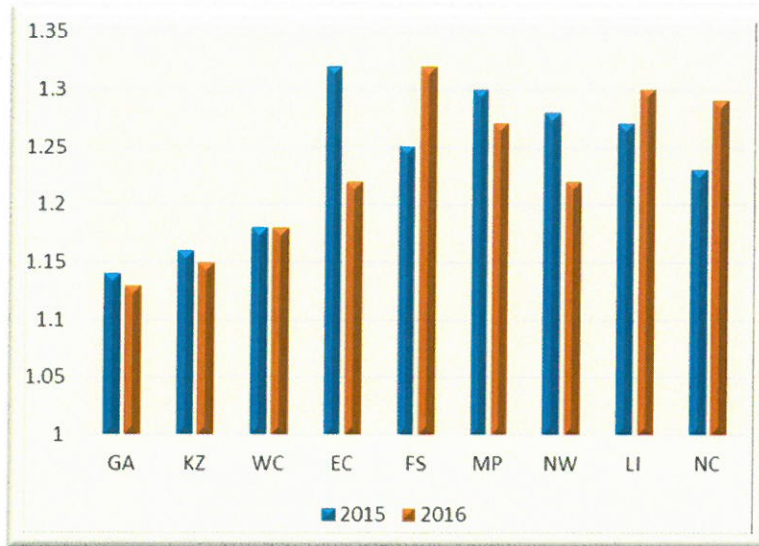
Table 34: Severity of Crashes per Province (Av no. of fatalities/crash)

Year	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
2015	1.14	1.16	1.18	1.32	1.25	1.3	1.28	1.27	1.23	1.22
2016	1.13	1.15	1.18	1.22	1.32	1.27	1.22	1.3	1.29	1.21
change	-0.01	-0.01	-	-0.10	0.07	-0.03	-0.06	0.03	0.06	-0.01
% change	-1	-1	-	-8	6	-2	-5	2	5	-1

Source: RTMC

The information in the table above shows that the severity rate decreased for five provinces. Only three (3) provinces recorded an increase in the severity rate while Western Cape remained the same. The highest increase was recorded for Free State with an increase of 6%. The highest decrease has been recorded for Eastern Cape with 8%. The provincial rates for the two comparative years in this regard are also reflected in figure below.

Figure 38: Crash Severity (Persons killed/crash)



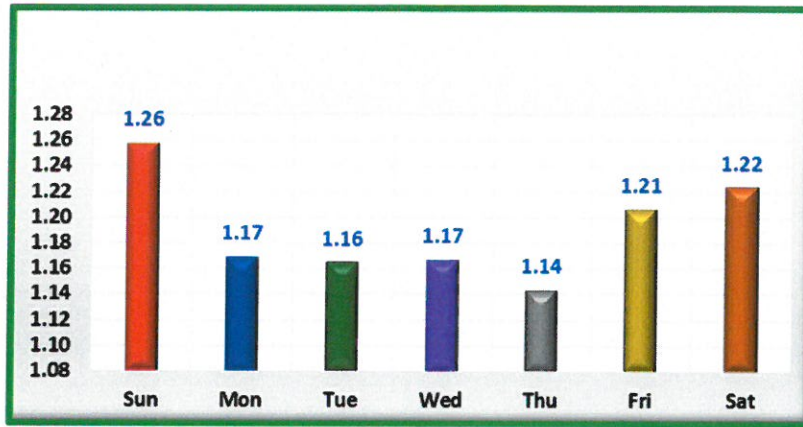
Source: RTMC

The severity rate of fatal crashes is 1.21 for the period under review. The individual provincial severity rates are shown in the table below

Table 35: Severity rate per day of week and per province

Province	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Total
EC	1.27	1.21	1.16	1.19	1.23	1.16	1.25	1.22
FS	1.41	1.24	1.20	1.19	1.27	1.54	1.25	1.32
GP	1.16	1.11	1.11	1.09	1.10	1.15	1.15	1.13
KZN	1.20	1.15	1.10	1.10	1.08	1.14	1.17	1.15
LI	1.37	1.24	1.38	1.40	1.16	1.20	1.31	1.30
MP	1.28	1.27	1.31	1.21	1.21	1.27	1.27	1.27
NC	1.37	1.13	1.32	1.24	1.09	1.34	1.33	1.29
NW	1.20	1.09	1.14	1.21	1.16	1.32	1.23	1.22
WC	1.32	1.13	1.06	1.08	1.12	1.10	1.23	1.18
Total	1.26	1.17	1.16	1.17	1.14	1.21	1.22	1.21

Figure 39: Severity of Fatal Crashes



The information in the figure above shows that most severity rate were recorded on Sunday with 1.26. A rate of 1.22 and 1.21 were recorded for Saturday and Friday respectively.

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

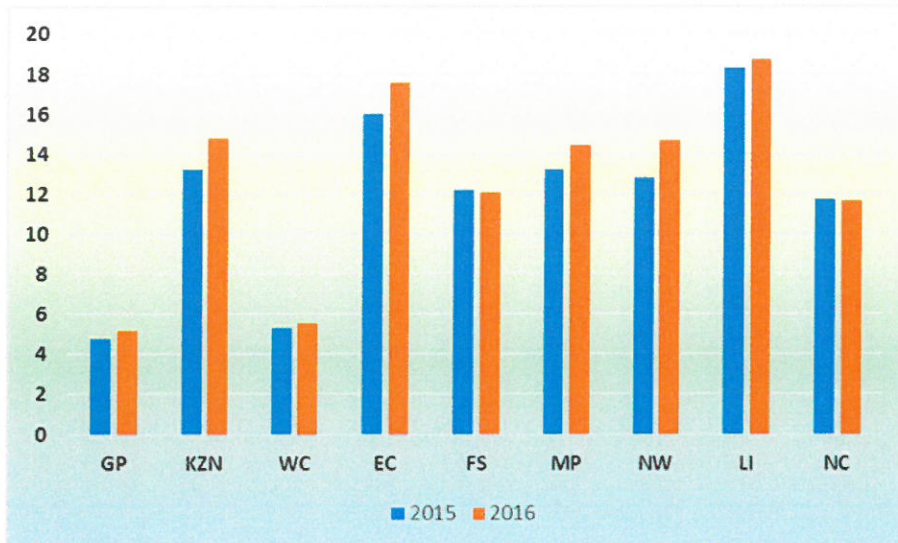
The number of fatal crashes per 10,000 registered motorised vehicles increased by 1.7 (17%) from 10.3 during 2014 to 12.0 during 2015. Provincial detail in this regard is given in table and graphically reflected in figure below.

Table 36: Number of Fatal Crashes per 10,000 Motorised Vehicles

Year	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
2015	4.8	13.2	5.3	16.0	12.2	13.2	12.8	18.3	11.7	12.0
2016	5.17	14.8	5.6	17.6	12.1	14.4	14.7	18.9	11.6	9.8
Change	0.4	1.6	0.3	1.6	-0.1	1.2	1.9	0.5	-0.1	-2.2
% change	7.6	12.0	5.0	9.7	-0.90	9.3	14.6	2.5	-0.5	-18.7

Source: RTMC

Figure 40: Number of Crashes per 10,000 Vehicles



Source: RTMC

All Provinces recorded an increase in the number of fatal crashes per 10 000 vehicles except Free State and Northern Cape. On a Provincial percentage basis the biggest decreases were recorded as follows:

- North West : an increase of 1.8 (15%) from 12.8 to a rate of 14.7;
 - Kwazulu Natal: an increase of 1.6 (12%) from 13.2 to a rate of 14.7;
- and
- Mpumalanga: an increase of 1.2 (9.3%) from 13.2 to a rate of 14.4
 -

8.11. Number of Fatalities per 100,000 Human Population

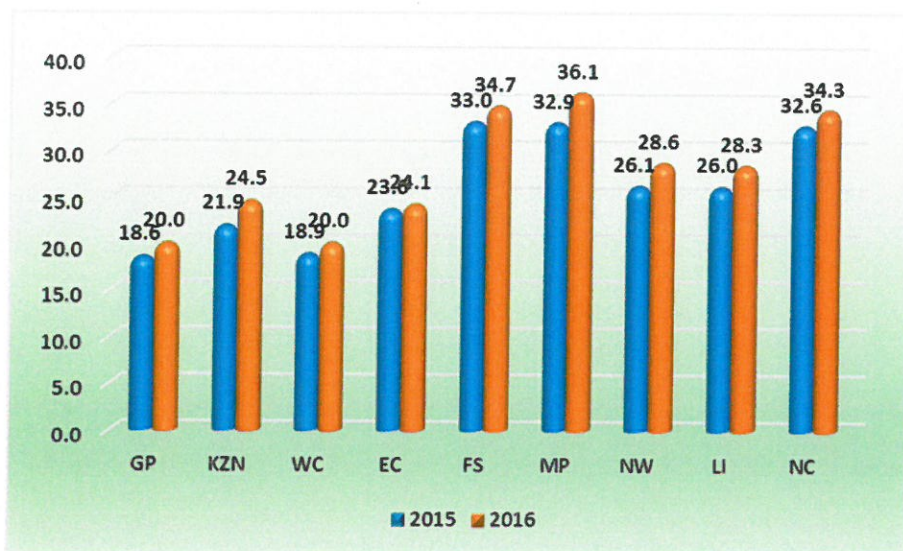
The number of fatalities per 100,000 human population increased by 0.8 (3.2%) from 26.0 during 2015 to 25.2 during 2016. Provincial detail in this regard is given in table and graphically reflected in figure below.

Table 38: No. of Fatalities per 100,000 Human Population

Year	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
2015	18.6	21.9	18.9	23.6	33.0	32.9	26.1	26.0	32.6	26.0
2016	20.0	24.5	20.0	24.1	34.7	36.1	28.6	28.3	34.3	25.2
change	1.4	2.6	1.2	0.5	1.7	3.2	2.5	2.3	1.7	-0.8
% change	7.8	12.0	6.2	2.2	5.1	9.7	9.4	8.8	5.3	-3.2

Source: RTMC

Figure 42: Fatalities per 100,000 Human Population



Source: RTMC

All the provinces recorded an increase in the number of fatalities per 100 000 human population. On a provincial percentage basis the highest increase was for KwaZulu Natal with 2.6 (12%) from 21.9 to a rate of 24.5 followed by Mpumalanga with 3.2 (10%) from 32.9 to a rate of 36.1.

9 Contributory factors

The information in table below shows that:

- The human factor contribute 77.5% to the occurrence of fatal crashes, followed by;
- Road factor with a contribution of 16.5%; and
- Vehicle with a contribution of 6.0%

Table 39: Percentage contribution of contributory factors

Contributory factor	%
Human Factors	77.5%
Vehicle Factors	6.0%
Road & Environmental Factors	16.5%

Figure 43: Percentage contribution of contributory factors

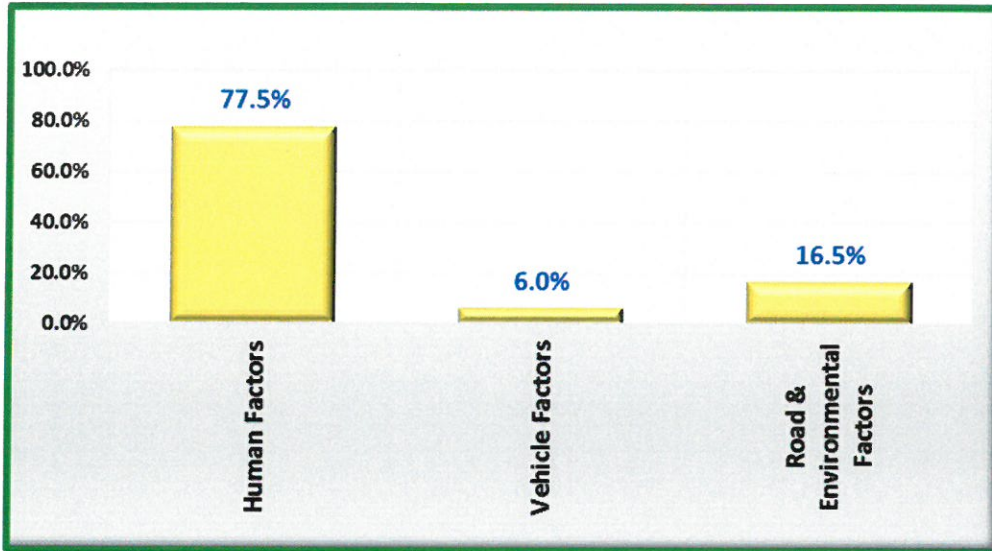
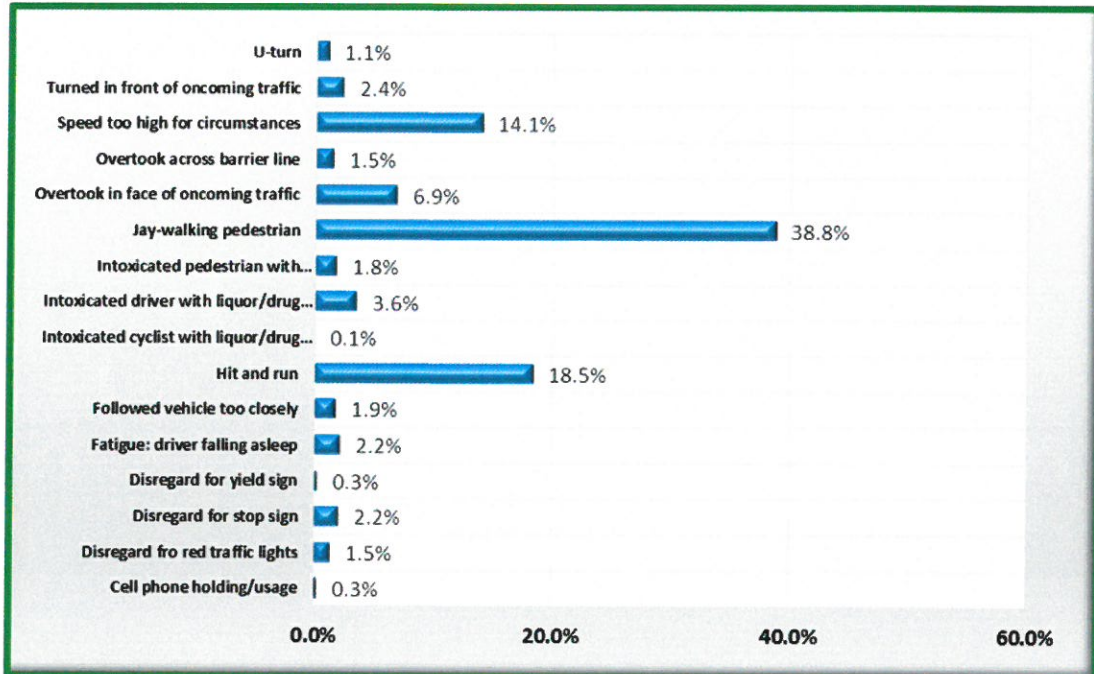
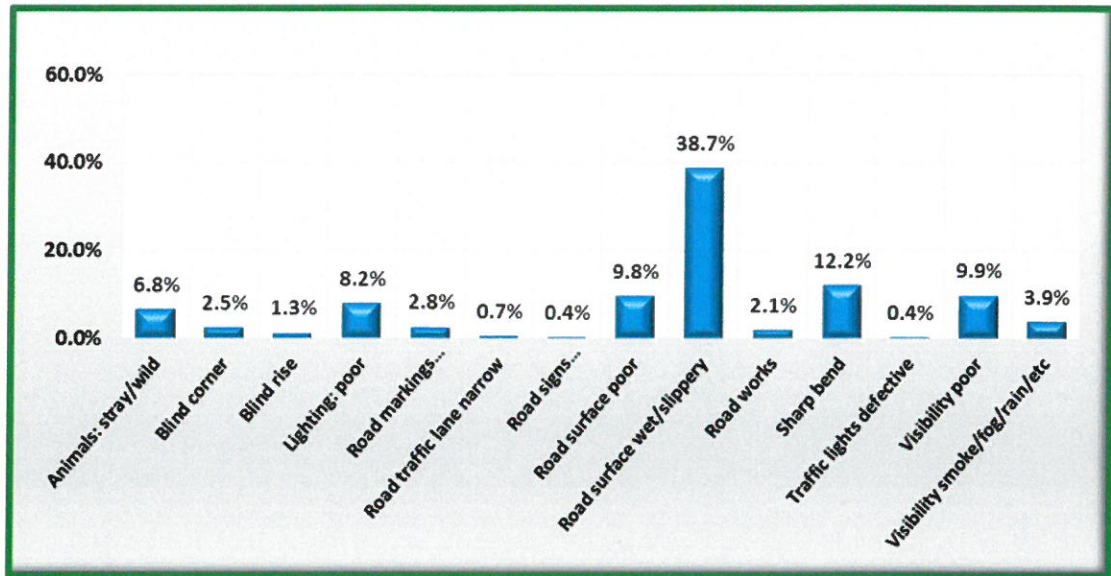


Figure 44: Percentage contribution of human factors



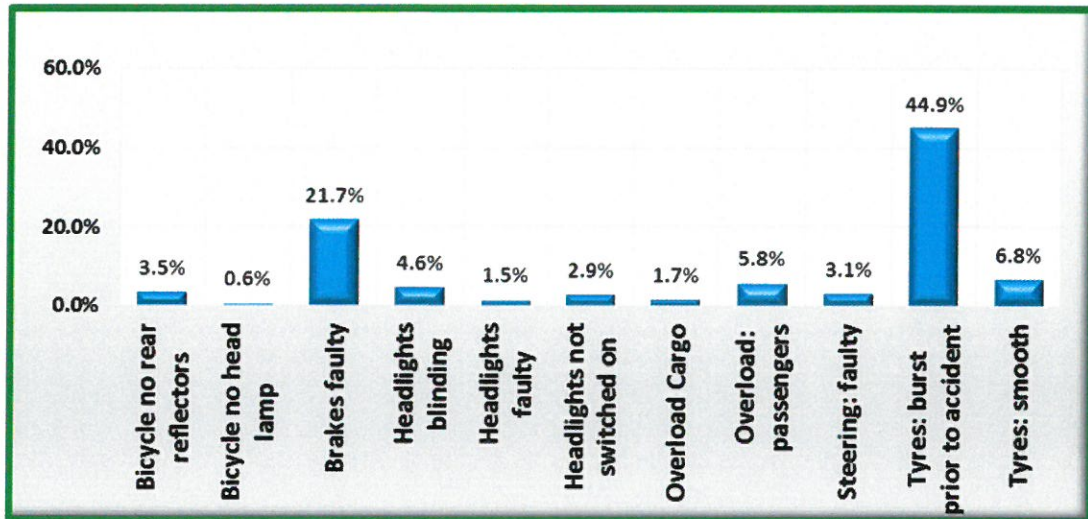
The figure above shows that jay walking contributed 38.8% to the occurrence of crashes, followed by hit & run and speeding with 18.5% and 14.1% respectively. These correlate to a high number of fatalities for pedestrians.

Figure 45: Percentage contribution of road and environmental factors



The figure depicts that about 39% of crashes occurred as a result of the wet/slippy road surface, followed sharp bend with 12.2%, visibility poor and road surface being poor with contribution of 9.8% and 9.9% respectively.

Figure 46: Percentage contribution of vehicle factor



The figure above shows that most crashes occurred as a result of tyre burst prior to the crash with a contribution of 44.9%, followed by brakes being faulty with a contribution of 21.7%.

10 Major crashes investigated

10.1 Criteria to investigated major crashes

Major crashes are investigated based on the following criteria:

- Crashes where there are 5 or more fatalities
- Crashes where there are 4 or more vehicles involved with a fatality,
- Hazardous chemical/ dangerous goods crashes with a fatality and
- Any crash deemed to be investigated by the RTMC

10.2. Major crash 2016 calendar report

One-hundred and twenty-nine (129) major crashes were investigated in 2016.

Six-hundred and twenty-four (624) persons were killed as a result of the major crashes and

Six-hundred and forty-five (645) persons sustained injuries in the major crashes.

In the one-hundred and twenty-nine (129) major crashes investigated in 2016, the following were found:

- i) Majority of the crashes occurred in the following Provinces:
 - Gauteng Province: twenty-six (26) major crashes
 - Eastern Cape Province: twenty (20) major crashes
 - Kwazulu-Natal Province: nineteen (19) major crashes, and
 - Limpopo Province: nineteen (19) major crashes
- ii) Highest number of fatalities were recorded in the following Provinces:
 - Limpopo Province with one-hundred and fifteen (115) fatalities
 - Eastern Cape Province with eighty-seven (87) fatalities
 - Free State Province with eighty-six (86) fatalities
 - Kwazulu Natal Province with eighty-three (83) fatalities
- iii) The majority major crash types were:
 - Head-On crashes at 36.4% (47 crashes)
 - Multiple Vehicle crashes at 30.2% (39 crashes)
 - Single Vehicle Overturned type crashes at 17.1% (22 crashes)

iv) Specific Major crash contributions were as follows:

- Eleven (11) crashes where the vehicles burnt
- Ten (10) crashes involving Unroadworthy vehicles
- Nine (9) crashes where drivers were suspected of Driving under the Influence of Alcohol
- Twenty-three crashes (23) where speed too high for circumstances were identified
- Seven (7) crashes involving foreign drivers
- Seven (7) crashes involving vehicles transporting Dangerous Goods
- Light delivery vehicles (60)

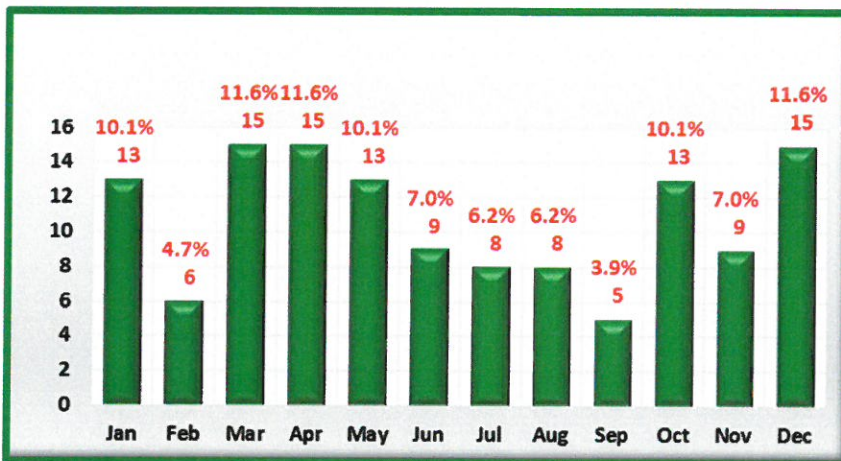
v) Contributing factors to major crashes were as a result of:

- Human Factors (89.1%)
- Vehicle (10.1%)
- Road and Environment (0.8%)

10.3 Monthly major crash comparison for 2016

10.3.1. Major crashes per month

Figure 47: Major crashes per month

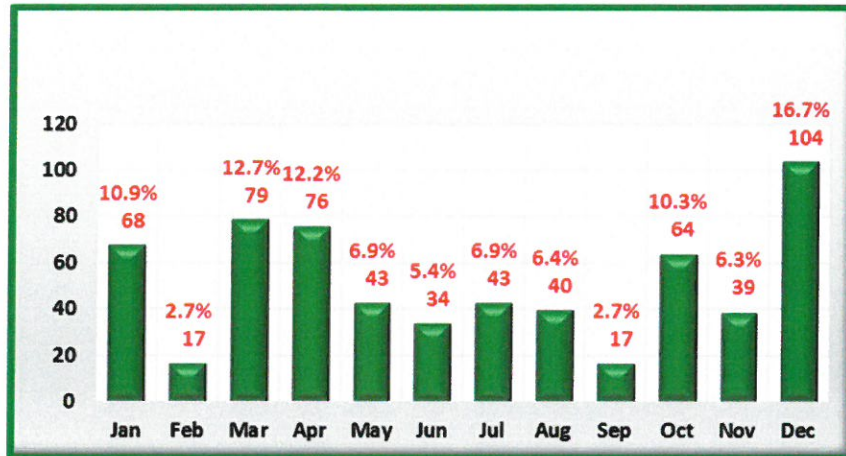


(Source: RTMC Major Crash Investigation Database)

The above figure indicates the number of crashes reported and investigated per month during 2016. One-hundred and twenty-nine (129) major crashes were investigated in 2016 and the highest numbers were investigated during March 2016 (15), April 2016 (15) and December 2016 (15).

10.3.2. Major crash fatalities per month

Figure 48: Major crash fatalities per month



(Source: RTMC Major Crash Investigation Database)

The figure above indicates the number of fatalities that were sustained during each month in 2016. Six-hundred and twenty-four (624) persons were killed as a result of the major crashes and the highest number of fatalities were recorded during December 2016 (104), followed by March 2016 (79) and April 2016 (76).

10.4. Annual major crash comparisons

Table 40: Eight year comparisons of major crashes investigated

Total Number of Major Crashes									
Province	2009	2010	2011	2012	2013	2014	2015	2016	Total
EC	19	14	14	19	23	11	27	20	147
FS	8	15	17	12	6	18	14	13	103
GP	11	19	31	17	20	10	22	26	156
KZN	19	22	27	24	27	22	24	19	184
LI	10	14	14	11	9	16	11	19	104
MP	18	13	16	17	15	14	14	15	122
NC	1	1	0	1	1	2	1	3	10
NW	1	12	8	9	7	10	6	1	54
WC	10	11	7	8	7	10	10	13	76
Total	97	121	134	118	115	113	129	129	956
% of Tot	10.1%	12.7%	14.0%	12.3%	12.0%	11.8%	13.5%	13.5%	100.0%

(Source: RTMC Major Crash Investigation Database)

The above table indicates the number of major crashes reported and investigated annually from 2009 until 2016. In 2011 the highest number of major crashes were investigated (134) followed by

2015(130) and 2016 (129). For the entire period from 2009 to 2016, a total of nine-hundred and fifty-six (956) major crashes were investigated.

10.5. Annual major crash fatalities

Table 41: Eight years comparisons of major crash fatalities

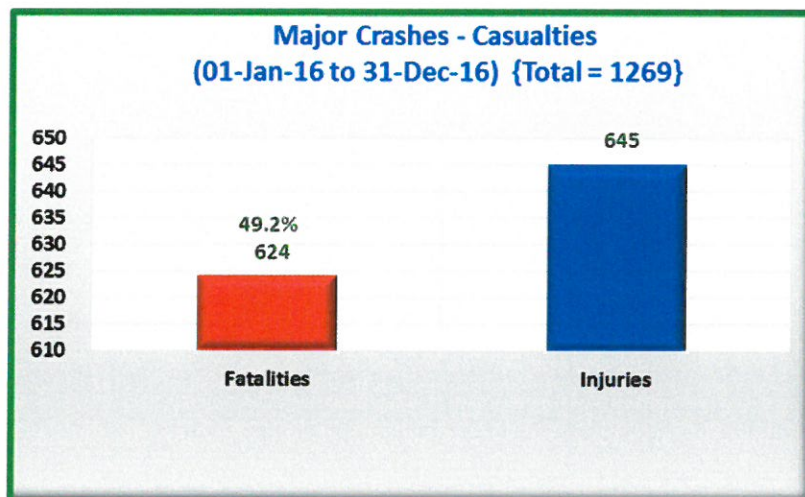
Total Number of Fatalities									
Province	2009	2010	2011	2012	2013	2014	2015	2016	Total
EC	133	88	90	121	132	56	194	87	901
FS	52	98	148	67	28	114	69	86	662
GP	58	79	115	89	114	45	113	74	687
KZN	120	150	146	133	185	133	115	83	1,065
LI	66	114	110	66	64	117	81	115	733
MP	99	83	127	131	116	120	82	81	839
NC	10	5	0	6	5	20	7	18	71
NW	9	71	53	42	61	60	41	6	343
WC	68	112	75	51	57	59	58	74	554
Total	615	800	864	706	762	724	760	624	5,855
% of Tot	10.5%	13.7%	14.8%	12.1%	13.0%	12.4%	13.0%	10.7%	100.0%

(Source: RTMC Major Crash Investigation Database)

The above table indicates the number of fatalities from the major crashes investigated from 2009 until 2016. In 2011, eight-hundred and sixty-four (864) persons were killed followed by eight-hundred (800) in 2010 and seven-hundred and sixty-two (762) in 2013. For the entire period from 2009 to 2016, a total of five-thousand eight-hundred and fifty-five (5 855) persons were killed in major crashes.

10.6. Annual major crash casualties

Figure 49: Major crash casualties

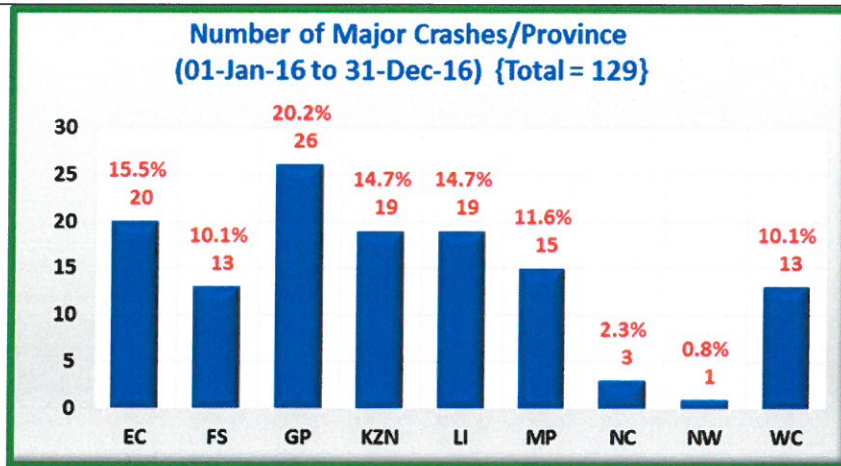


(Source: RTMC Major Crash Investigation Database)

The above table and graph indicate the number of casualties sustained in the one-hundred and twenty-nine (129) major crashes investigated during 2016. There were a total of one-thousand-two-hundred and sixty-nine (1 269) casualties- made up of six-hundred and twenty-four (624) fatalities and six-hundred and forty-five (645) injured persons.

10.7. Major crashes per province

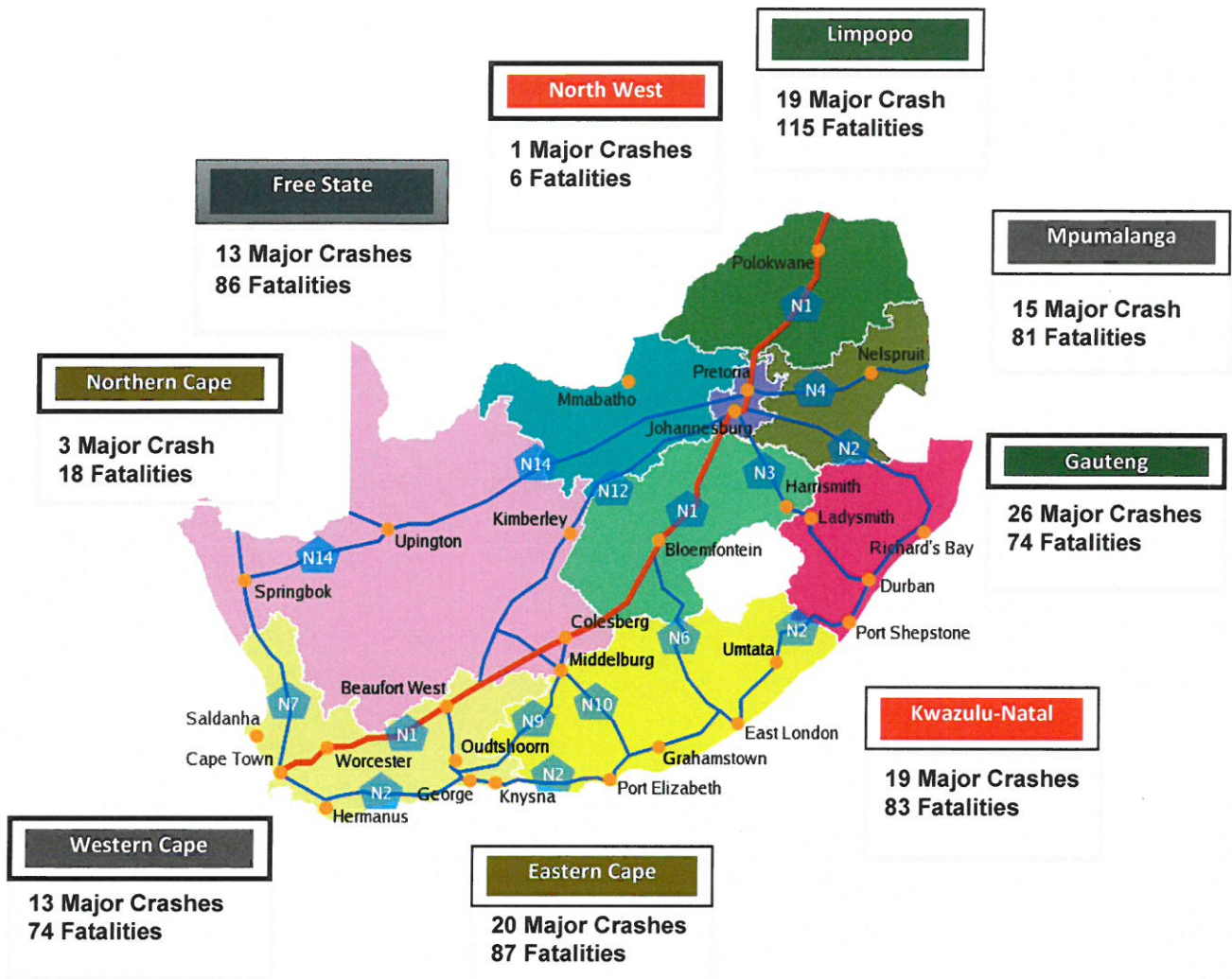
Figure 50: Major crashes per province



Source: RTMC Major Crash Investigation Statistical Spreadsheet and Investigation Reports

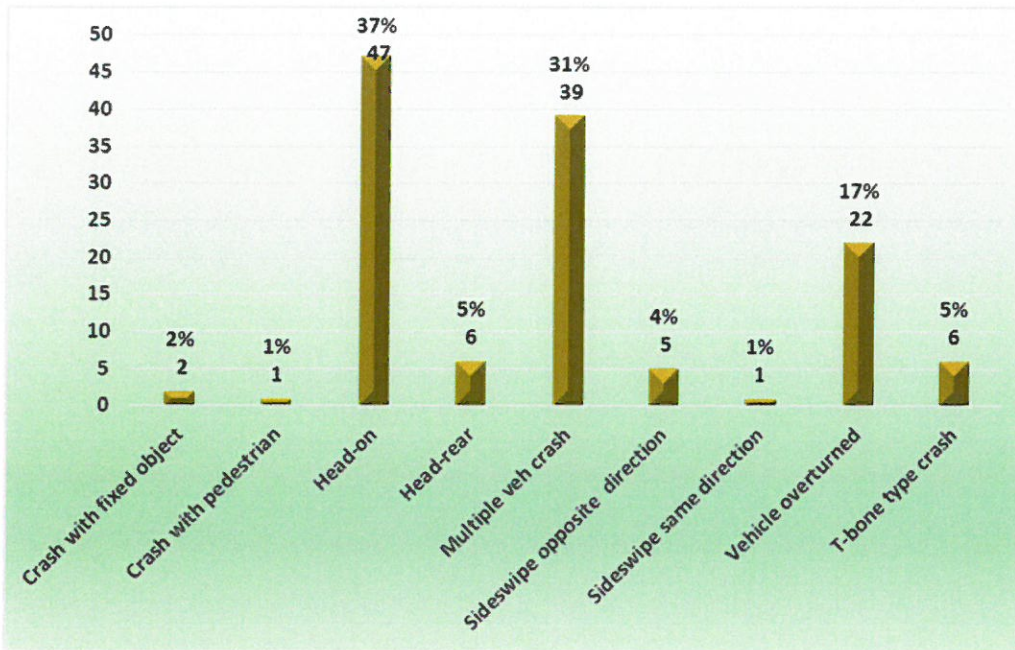
The above table and graph indicate the number of major crashes investigated in the various provinces. The highest number of major crashes were investigated in Gauteng with 26 fatal crashes, followed by Eastern Cape with 20 fatal crashes.

Figure 51: Map showing geographical spread of major crashes



10.8 Major crash types

Figure 52: Major crash types



Source: [RTMC Major Crash Investigation Statistical Spreadsheet and Investigation Reports](#)

The figure above indicates that 37% of all the major crashes investigated during 2016 were Head-On crash types followed by 31% Multiple Vehicle crash types and 17% Single Vehicle Overturned type crashes.

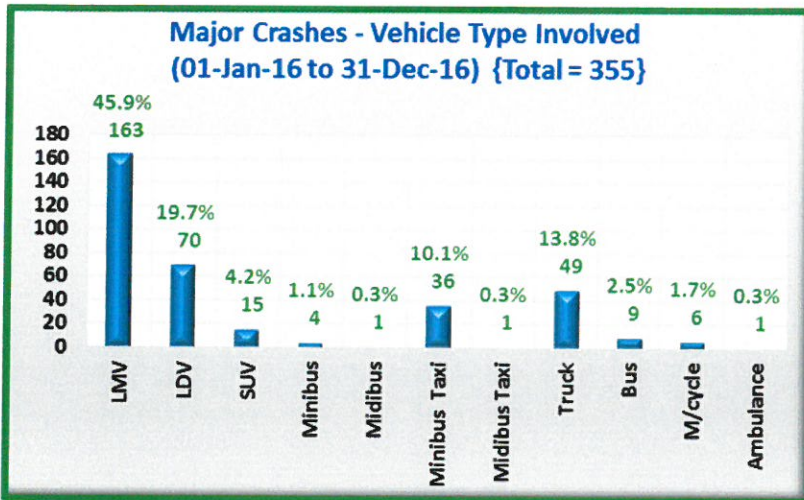
In forty seven (47) Head-On crash types, three-hundred (300) persons were killed

A total of one-hundred and ninety-three (193) vehicles were involved in thirty-nine (39) Multiple Vehicle crashes and seventy-three (73) persons were killed

One-hundred and fifty-five (155) persons were killed in twenty-two (22) Single Vehicle Overturned type crashes.

10.9 Vehicle types involved in major crashes

Figure 53: Vehicle types involved in major crashes

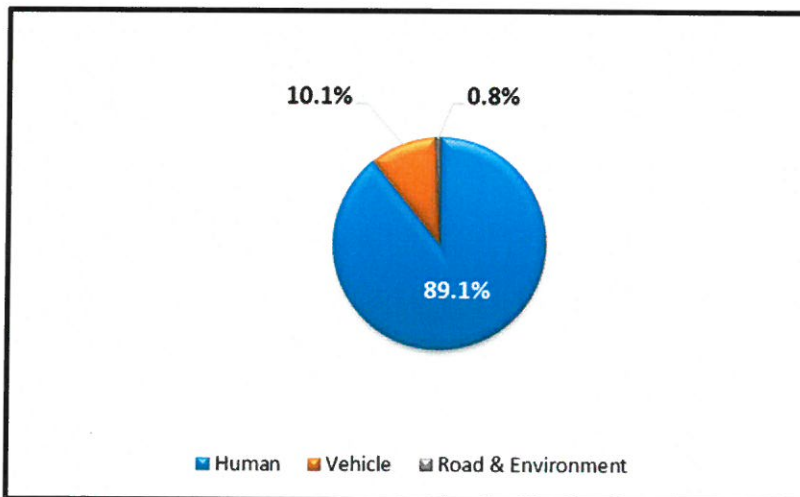


(Source: RTMC Major Crash Investigation Database)

There were three-hundred and fifty-five (355) vehicles involved in one-hundred and twenty-nine (129) crashes. Light motor vehicles were the highest number (163), followed light delivery vehicles (70) and by trucks (49).

10.10 Contributing factors to major crashes

Figure 54: Contributing factors to major crashes

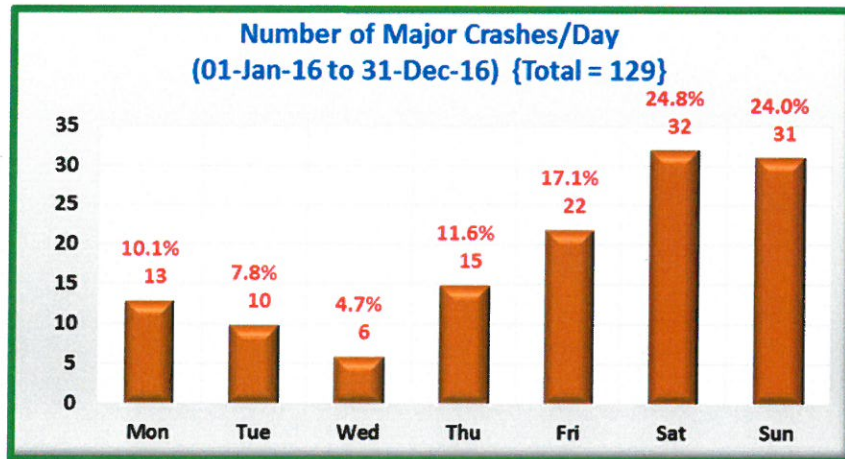


Source: RTMC Major Crash Investigation Statistical Spreadsheet and Investigation Reports)

The above table indicates the contributing factors to major crashes per category. In one-hundred and twenty-nine (129) major crashes investigated during 2016, 89.1% of the crashes occurred as a result of Human Factors. These factors range from drivers driving in the wrong lanes, speeding, overtaking when unsafe to do so, driving under the influence of alcohol etc. 10.1% of the crashes were as a result of Vehicle Factors. These factors range from tyres bursting prior to crash, unroadworthy vehicles and poor brakes. 0.8% of the crashes were as a result of Road and Environmental factors, as a result of Poor Visibility from rain, mist, veld fires etc.

10.11. Major crashes investigated and the number of fatalities per day

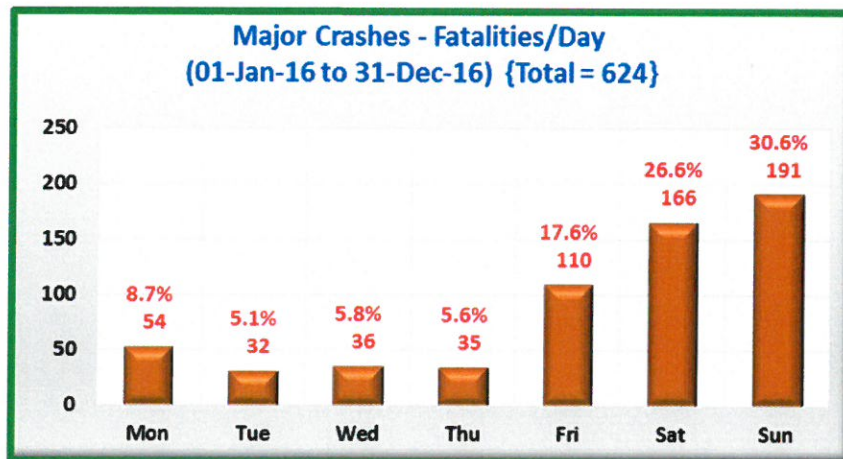
Figure 55: Major crashes investigated and the number of fatalities per day



(Source: RTMC Major Crash Investigation Database)

Figure below indicates that the majority major crashes investigated during 2016 occurred on Fridays (22), Saturdays (32), Sundays (31) and Mondays (13).

Figure 56: Major crashes fatalities

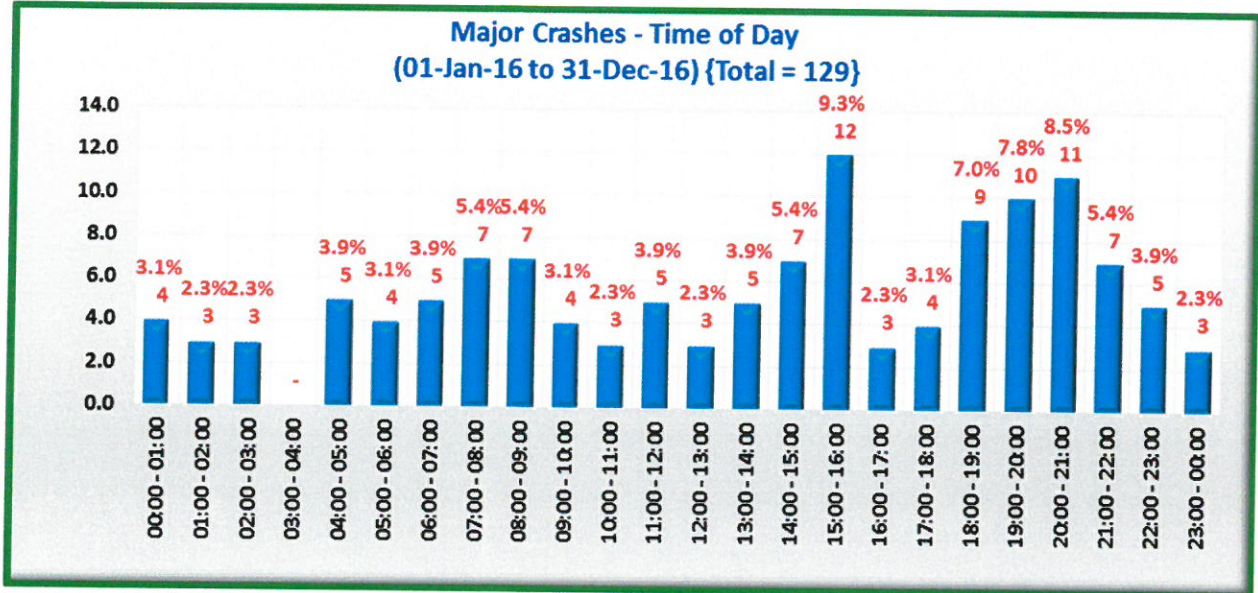


(Source: RTMC Major Crash Investigation Database)

The figure above indicates that the majority of major crash fatalities sustained during 2016 were on Sundays (191), Saturdays (166), Fridays (110) and Mondays (54).

10.11 Major crash time occurrence

Figure 57: Major crash time occurrence



(Source: RTMC Major Crash Investigation Database)

The figure above indicates that the majority of major crashes investigated during 2016 occurred between: 15:00- 16:00 (12 crashes); 20:00- 21:00 (11 crashes); 19:00- 20:00 (10 crashes) and 18:00- 19:00 (9 crashes).

11. CONCLUSION

There were 11 676 fatal crashes recorded during the period under review with 14 071 fatalities. Most fatalities were recorded for pedestrians with a contribution of 38.4% followed by passenger's contribution of 32.7%. The information depicts that of the total number of fatalities there were 76.8% representing fatalities for males and 22.7% for females. Most of crashes occurred between 18:00 to 21:00 and over 60% of the crashes occurred from Friday to Sunday. Most vehicles involved in the crashes were motorcars and LDV with 48.9% and 19.6% respectively.

There were 129 major crashes reported and investigated during this period and 624 persons were killed and 645 sustained injuries. Out of 129 major crashes, 37% crashes occurred as a result of head on crashes, followed by multiple vehicle crashes with a contribution of 31% and single vehicle overturned with 22%.

There is a need to strengthen the Law Enforcement operations to address among others the vehicle roadworthiness and passenger's safety. The information shows that more road users that are dying are the passengers and pedestrians. The Road Safety awareness must focus on the safety of the above mentioned two road users.

Compiled by



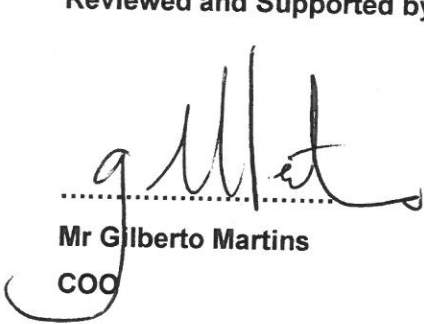
Ms Magadi Gainewe

Head: RTI

14 / 03 / 2017

Date

Reviewed and Supported by



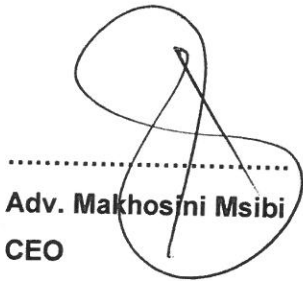
Mr Gilberto Martins

COO

16 / 03 / 2017

Date

Recommended by



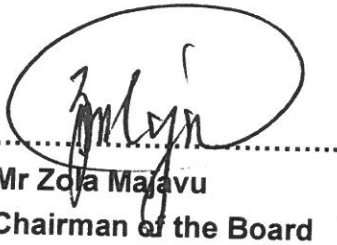
Adv. Makhosini Msibi

CEO

20 / 03 / 2017

Date

Approved by



Mr Zola Majavu

Chairman of the Board

20 / 03 / 2017

Date

Annexures

<i>Number of Registered Vehicles</i>	70
<i>Number of Vehicles that are Un-Roadworthy</i>	71
<i>Number of Vehicles that are Un-Roadworthy, Un-Licensed or Both</i>	73
<i>Number of Learner Licences Issued</i>	74
<i>Number of Driving Licences Issued</i>	75
<i>Number of Professional Driving Permits (PrDPs) Issued</i>	76
<i>Number of fatal crashes</i>	77
<i>Number of fatalities</i>	78
<i>Historic information</i>	79

Annexure A

Number of Registered Vehicles

Dec 2015	Number of Registered Vehicles per Province									Total RSA
	GA	KZ	WC	EC	FS	MP	NW	LI	NC	
Motorised Veh's										
Motorcars	2 856 618	936 189	1 182 055	428 152	301 895	397 508	298 939	304 926	123 215	6 829 497
Minibuses	115 662	49 171	32 642	22 401	12 232	22 006	17 943	21 487	4 719	298 263
Buses	19 106	7 709	6 496	3 998	2 890	7 635	3 868	5 858	1 678	59 238
Motorcycles	147 709	34 227	85 765	23 362	20 686	20 272	14 682	10 320	8 559	365 582
LDV's - Bakkies	781 200	338 209	305 228	190 823	126 365	202 061	144 071	210 055	76 050	2 374 062
Trucks	136 143	49 335	41 214	22 557	21 860	43 544	18 292	24 244	9 565	366 754
Other & Unkwn	41 807	46 888	41 533	18 396	39 861	30 069	25 716	18 186	10 117	272 571
Sub-Total	4 098 245	1 461 728	1 694 933	709 689	525 789	723 095	523 511	595 076	233 903	10 565 967
Towed Veh's										
Caravans	40 287	7 721	17 052	5 294	7 844	10 239	6 604	5 592	2 949	103 582
Heavy Trailers	58 706	24 193	18 858	7 504	17 269	32 664	11 108	8 437	5 685	184 424
Light Trailers	324 955	80 730	135 805	54 547	62 304	62 196	51 802	40 141	27 894	840 374
Unknown	2 617	1 596	2 298	1 387	2 060	2 060	2 378	1 306	709	16 409
Sub-Total	426 565	114 240	174 013	68 732	89 477	107 159	71 892	55 476	37 237	1 144 789
All Vehicles	4 524 810	1 575 967	1 868 946	778 420	615 266	830 253	595 403	650 551	271 140	11 710 756
Dec 2016	Province									Total RSA
	GA	KZ	WC	EC	FS	MP	NW	LI	NC	
Motorised Veh's										
Motorcars	2 919 821	955 611	1 217 622	438 884	306 671	409 459	307 820	316 051	124 660	6 996 599
Minibuses	119 870	50 862	33 946	23 040	12 393	22 415	18 572	22 164	4 889	308 151
Buses	19 831	7 773	6 826	4 221	3 017	7 849	4 037	6 201	1 680	61 435
Motorcycles	145 336	33 209	85 273	22 511	19 983	19 555	14 320	9 838	8 326	358 351
LDV's - Bakkies	799 777	345 140	315 306	196 512	127 601	208 582	147 524	217 950	76 686	2 435 078
Trucks	137 146	48 921	42 864	22 558	22 089	45 198	18 052	24 853	9 327	371 008
Other & Unkwn	41 346	45 380	42 322	18 787	39 075	30 323	25 147	18 415	10 142	270 936
Sub-Total	4 183 127	1 486 896	1 744 159	726 513	530 829	743 381	535 472	615 472	235 710	10 801 558
Towed Veh's										
Caravans	39 900	7 499	17 513	5 236	7 759	10 135	6 498	5 634	2 884	103 058
Heavy Trailers	59 115	23 574	19 832	7 414	17 831	35 155	10 931	8 696	5 662	188 210
Light Trailers	329 342	81 380	140 001	55 707	62 731	63 632	52 894	41 349	28 191	855 227
Unknown	2 503	1 581	2 260	1 469	2 019	2 018	2 351	1 288	693	16 181
Sub-Total	430 860	114 034	179 606	69 826	90 340	110 940	72 674	56 967	37 430	1 162 676
All Vehicles	4 613 986	1 600 930	1 923 765	796 339	621 169	854 321	608 146	672 438	273 140	11 964 234
% Change Dec 2014-2015	Number of Registered Vehicles per Province									Total RSA
	GA	KZ	WC	EC	FS	MP	NW	LI	NC	
Motorised Vehicles										
Motorcars	2.21	2.07	3.01	2.51	1.58	3.01	2.97	3.65	1.17	2.45
Minibuses	3.64	3.44	3.99	2.85	1.32	1.86	3.51	3.15	3.60	3.32
Buses	3.79	0.83	5.08	5.58	4.39	2.80	4.37	5.86	0.12	3.71
Motorcycles	-1.61	-2.97	-0.57	-3.64	-3.40	-3.54	-2.47	-4.67	-2.72	-1.98
LDV's - Bakkies	2.38	2.05	3.30	2.98	0.98	3.23	2.40	3.76	0.84	2.57
Trucks	0.74	-0.84	4.00	0.00	1.05	3.80	-1.31	2.51	-2.49	1.16
Other & Unknown	-1.10	-3.22	1.90	2.13	-1.97	0.85	-2.21	1.26	0.25	-0.60
Sub-Total	2.07	1.72	2.90	2.37	0.96	2.81	2.28	3.43	0.77	2.23
Towed Vehicles										
Caravans	-0.96	-2.88	2.70	-1.10	-1.08	-1.02	-1.61	0.75	-2.20	-0.51
Heavy Trailers	0.70	-2.56	5.16	-1.20	3.25	7.63	-1.59	3.07	-0.40	2.05
Light Trailers	1.35	0.81	3.09	2.13	0.69	2.31	2.11	3.01	1.06	1.77
Unknown	-4.38	-0.91	-1.65	5.95	-1.99	-2.02	-1.14	-1.38	-2.26	-1.39
Sub-Total	1.01	-0.18	3.21	1.59	0.96	3.53	1.09	2.69	0.52	1.56
All Vehicles	1.97	1.58	2.93	2.30	0.96	2.90	2.14	3.36	0.74	2.16

Annexure B-1

Number of Vehicles that are Un-Roadworthy

Number of Un-Roadworthy Vehicles										
Dec 2015	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
Motorised Vehicles										
Motorcars	119 923	30 893	34 432	14 036	13 357	15 676	10 889	9 010	3 023	251 239
Minibuses	16 016	5 596	2 660	2 169	1 548	2 378	1 889	2 025	426	34 707
Buses	2 389	875	541	369	300	757	407	532	249	6 419
Motorcycles	17 074	3 697	5 477	1 672	2 105	3 213	1 812	1 424	688	37 162
LDV's - Bakkies	33 711	12 046	8 629	5 614	4 383	7 149	4 031	5 289	1 628	82 480
Trucks	18 414	6 287	3 745	2 874	3 810	6 076	2 782	3 397	1 883	49 268
Other & Unkwn	2 710	2 042	1 371	1 095	2 944	2 436	1 609	1 627	536	16 370
Sub-Total	210 237	61 436	56 855	27 829	28 447	37 685	23 419	23 304	8 433	477 645
Towed Vehicles										
Caravans	1 350	374	438	168	349	443	252	239	114	3 727
Heavy Trailers	6 893	2 669	1 500	766	2 126	3 397	1 219	895	659	20 124
Light Trailers	7 945	2 800	3 175	1 294	2 078	1 982	1 394	1 207	563	22 438
Unknown	158	150	70	101	120	134	133	59	34	959
Sub-Total	16 346	5 993	5 183	2 329	4 673	5 956	2 998	2 400	1 370	47 248
All Vehicles	226 583	67 429	62 038	30 158	33 120	43 641	26 417	25 704	9 803	524 893
Dec 2016	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
Motorised Vehicles										
Motorcars	124 408	30 498	36 084	14 169	13 338	15 363	11 193	9 105	3 150	257 308
Minibuses	17 093	5 646	2 645	2 182	1 583	2 150	1 996	1 997	426	35 718
Buses	2 535	826	587	398	329	750	397	538	231	6 591
Motorcycles	16 897	3 718	5 870	1 676	2 104	3 162	1 881	1 358	749	37 415
LDV's - Bakkies	37 941	11 941	8 899	5 503	4 599	7 054	4 432	5 569	1 633	87 571
Trucks	18 888	5 909	4 006	2 778	3 697	5 986	2 814	3 333	1 823	49 234
Other & Unkwn	2 765	2 195	1 561	1 184	3 123	2 592	1 684	1 698	584	17 386
Sub-Total	220 527	60 733	59 652	27 890	28 773	37 057	24 397	23 598	8 596	491 223
Towed Vehicles										
Caravans	1 305	377	498	153	349	445	231	249	125	3 732
Heavy Trailers	6 871	2 515	1 562	757	2 211	3 457	1 267	910	661	20 211
Light Trailers	8 345	2 929	3 514	1 354	2 190	2 051	1 561	1 191	599	23 734
Unknown	135	148	78	102	125	127	136	68	35	954
Sub-Total	16 656	5 969	5 652	2 366	4 875	6 080	3 195	2 418	1 420	48 631
All Vehicles	237 183	66 702	65 304	30 256	33 648	43 137	27 592	26 016	10 016	539 854
% Change	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
Motorised Vehicles										
Motorcars	3.74	-1.28	4.80	0.95	-0.14	-2.00	2.79	1.05	4.20	2.42
Minibuses	6.72	0.89	-0.56	0.60	2.26	-9.59	5.66	-1.38	0.00	2.91
Buses	6.11	-5.60	8.50	7.86	9.67	-0.92	-2.46	1.13	-7.23	2.68
Motorcycles	-1.04	0.57	7.18	0.24	-0.05	-1.59	3.81	-4.63	8.87	0.68
LDV's - Bakkies	12.55	-0.87	3.13	-1.98	4.93	-1.33	9.95	5.29	0.31	6.17
Trucks	2.57	-6.01	6.97	-3.34	-2.97	-1.48	1.15	-1.88	-3.19	-0.07
Other & Unkwn	2.03	7.49	13.86	8.13	6.08	6.40	4.66	4.36	8.96	6.21
Sub-Total	4.89	-1.14	4.92	0.22	1.15	-1.67	4.18	1.26	1.93	2.84
Towed Vehicles										
Caravans	-3.33	0.80	13.70	-8.93	0.00	0.45	-8.33	4.18	9.65	0.13
Heavy Trailers	-0.32	-5.77	4.13	-1.17	4.00	1.77	3.94	1.68	0.30	0.43
Light Trailers	5.03	4.61	10.68	4.64	5.39	3.48	11.98	-1.33	6.39	5.78
Unknown	-14.56	-1.33	11.43	0.99	4.17	-5.22	2.26	15.25	2.94	-0.52
Sub-Total	1.90	-0.40	9.05	1.59	4.32	2.08	6.57	0.75	3.65	2.93
All Vehicles	4.68	-1.08	5.26	0.32	1.59	-1.15	4.45	1.21	2.17	2.85

Annexure B-2

Number of Un-Licensed Vehicles

Number of Un-Licensed Vehicles										
Dec 2015	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
Motorised Vehicles										
Motorcars	100 633	21 668	28 092	9 558	5 768	8 630	7 460	4 911	1 739	188 459
Minibuses	3 725	503	572	231	121	241	162	161	32	5 748
Buses	1 076	227	81	39	27	150	30	41	10	1 681
Motorcycles	6 483	1 279	3 010	904	428	727	540	312	228	13 911
LDV's - Bakkies	26 030	6 305	6 091	3 034	1 949	3 211	2 417	2 408	719	52 164
Trucks	10 835	2 126	1 060	530	433	1 951	293	486	83	17 797
Other & Unkwn	3 018	594	809	204	550	534	466	290	92	6 557
Sub-Total	151 800	32 702	39 715	14 500	9 276	15 444	11 368	8 609	2 903	286 317
Towed Vehicles										
Caravans	872	91	203	94	60	127	73	63	23	1 606
Heavy Trailers	4 133	827	508	142	686	1 158	159	90	19	7 722
Light Trailers	6 336	1 822	1 654	551	453	609	703	239	213	12 580
Unknown	187	29	54	47	13	23	22	7	7	389
Sub-Total	11 528	2 769	2 419	834	1 212	1 917	957	399	262	22 297
All Vehicles	163 328	35 471	42 134	15 334	10 488	17 361	12 325	9 008	3 165	308 614
Dec 2016	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
Motorised Vehicles										
Motorcars	101 028	21 385	27 835	10 209	5 397	8 498	7 207	5 079	1 637	188 275
Minibuses	4 419	515	546	246	129	180	214	204	41	6 494
Buses	1 048	189	106	48	31	129	34	47	7	1 639
Motorcycles	6 110	1 254	2 610	891	410	733	541	329	209	13 087
LDV's - Bakkies	27 857	6 315	6 357	3 097	2 098	3 198	2 581	2 772	639	54 914
Trucks	11 005	2 001	1 228	585	424	2 002	354	423	73	18 095
Other & Unkwn	2 757	650	777	291	483	531	359	224	65	6 137
Sub-Total	154 224	32 309	39 459	15 367	8 972	15 271	11 290	9 078	2 671	288 641
Towed Vehicles										
Caravans	829	126	213	75	65	142	73	90	31	1 644
Heavy Trailers	4 208	743	524	160	664	1 310	174	70	8	7 861
Light Trailers	6 353	1 863	1 771	658	462	859	797	380	166	13 309
Unknown	140	15	70	40	19	15	15	17	3	334
Sub-Total	11 530	2 747	2 578	933	1 210	2 326	1 059	557	208	23 148
All Vehicles	165 754	35 056	42 037	16 300	10 182	17 597	12 349	9 635	2 879	311 789
% Change	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
Motorised Vehicles										
Motorcars	0.39	-1.31	-0.91	6.81	-6.43	-1.53	-3.39	3.42	-5.87	-0.10
Minibuses	18.63	2.39	-4.55	6.49	6.61	-25.31	32.10	26.71	28.13	12.98
Buses	-2.60	-16.74	30.86	23.08	14.81	-14.00	13.33	14.63	-30.00	-2.50
Motorcycles	-5.75	-1.95	-13.29	-1.44	-4.21	0.83	0.19	5.45	-8.33	-5.92
LDV's - Bakkies	7.02	0.16	4.37	2.08	7.64	-0.40	6.79	15.12	-11.13	5.27
Trucks	1.57	-5.88	15.85	10.38	-2.08	2.61	20.82	-12.96	-12.05	1.67
Other & Unkwn	-8.65	9.43	-3.96	42.65	-12.18	-0.56	-22.96	-22.76	-29.35	-6.41
Sub-Total	1.60	-1.20	-0.64	5.98	-3.28	-1.12	-0.69	5.45	-7.99	0.81
Towed Vehicles										
Caravans	-4.93	38.46	4.93	-20.21	8.33	11.81	0.00	42.86	34.78	2.37
Heavy Trailers	1.81	-10.16	3.15	12.68	-3.21	13.13	9.43	-22.22	-57.89	1.80
Light Trailers	0.27	2.25	7.07	19.42	1.99	41.05	13.37	59.00	-22.07	5.79
Unknown	-25.13	-48.28	29.63	-14.89	46.15	-34.78	-31.82	142.86	-57.14	-14.14
Sub-Total	0.02	-0.79	6.57	11.87	-0.17	21.34	10.66	39.60	-20.61	3.82
All Vehicles	1.49	-1.17	-0.23	6.30	-2.92	1.36	0.19	6.96	-9.04	1.03

Annexure B-3

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

Number of Both Un-Roadworthy & Un-Licensed Vehicles										
Dec 2015	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
Motorised Vehicles										
Motorcars	68 926	9 337	12 934	4 171	3 637	5 261	4 667	2 678	669	112 280
Minibuses	2 976	274	275	121	79	156	102	94	13	4 090
Buses	637	175	39	20	19	100	27	28	7	1 052
Motorcycles	4 276	562	808	288	265	456	355	184	123	7 317
LDV's - Bakkies	18 900	3 006	3 035	1 453	1 221	1 916	1 418	1 336	302	32 587
Trucks	7 416	1 481	636	275	284	1 465	189	277	52	12 075
Other & Unkwn	660	236	132	78	278	236	208	120	22	1 970
Sub-Total	103 791	15 071	17 859	6 406	5 783	9 590	6 966	4 717	1 188	171 371
Towed Vehicles										
Caravans	436	35	48	22	35	55	38	26	10	705
Heavy Trailers	3 085	595	330	88	456	855	112	44	8	5 573
Light Trailers	1 021	209	259	92	79	152	108	67	32	2 019
Unknown	39	8	3	27	2	11	8	2	3	103
Sub-Total	4 581	847	640	229	572	1 073	266	139	53	8 400
All Vehicles	108 372	15 918	18 499	6 635	6 355	10 663	7 232	4 856	1 241	179 771
Dec 2016	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
Motorised Vehicles										
Motorcars	71 834	9 425	12 630	4 199	3 421	5 219	4 640	2 300	622	114 290
Minibuses	3 574	296	255	122	82	115	156	103	15	4 718
Buses	637	141	72	23	24	93	29	24	3	1 046
Motorcycles	4 007	496	728	288	243	440	358	166	108	6 834
LDV's - Bakkies	20 247	3 039	3 026	1 361	1 316	1 861	1 619	1 221	277	33 967
Trucks	7 920	1 376	750	328	262	1 446	217	210	33	12 542
Other & Unkwn	636	248	117	123	276	223	146	78	17	1 864
Sub-Total	108 855	15 021	17 578	6 444	5 624	9 397	7 165	4 102	1 075	175 261
Towed Vehicles										
Caravans	413	36	65	13	31	69	26	27	16	696
Heavy Trailers	3 170	508	282	90	482	865	118	28	5	5 548
Light Trailers	1 144	191	243	95	112	184	149	61	25	2 204
Unknown	29	7	11	22	10	2	8	8	0	97
Sub-Total	4 756	742	601	220	635	1 120	301	124	46	8 545
All Vehicles	113 611	15 763	18 179	6 664	6 259	10 517	7 466	4 226	1 121	183 806
% Change	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
Motorised Vehicles										
Motorcars	4.22	0.94	-2.35	0.67	-5.94	-0.80	-0.58	-14.12	-7.03	1.79
Minibuses	20.09	8.03	-7.27	0.83	3.80	-26.28	52.94	9.57	15.38	15.35
Buses	0.00	-19.43	84.62	15.00	26.32	-7.00	7.41	-14.29	-57.14	-0.57
Motorcycles	-6.29	-11.74	-9.90	0.00	-8.30	-3.51	0.85	-9.78	-12.20	-6.60
LDV's - Bakkies	7.13	1.10	-0.30	-6.33	7.78	-2.87	14.17	-8.61	-8.28	4.23
Trucks	6.80	-7.09	17.92	19.27	-7.75	-1.30	14.81	-24.19	-36.54	3.87
Other & Unkwn	-3.64	5.08	-11.36	57.69	-0.72	-5.51	-29.81	-35.00	-22.73	-5.38
Sub-Total	4.88	-0.33	-1.57	0.59	-2.75	-2.01	2.86	-13.04	-9.51	2.27
Towed Vehicles										
Caravans	-5.28	2.86	35.42	-40.91	-11.43	25.45	-31.58	3.85	60.00	-1.28
Heavy Trailers	2.76	-14.62	-14.55	2.27	5.70	1.17	5.36	-36.36	-37.50	-0.45
Light Trailers	12.05	-8.61	-6.18	3.26	41.77	21.05	37.96	-8.96	-21.88	9.16
Unknown	-25.64	-12.50	266.67	-18.52	400.00	-81.82	0.00	300.00	-100.00	-5.83
Sub-Total	3.82	-12.40	-6.09	-3.93	11.01	4.38	13.16	-10.79	-13.21	1.73
All Vehicles	4.83	-0.97	-1.73	0.44	-1.51	-1.37	3.24	-12.97	-9.67	2.24

Annexure C-1

Number of Learner Licences Issued

Dec 2015										
Number of Learners Licences Issued per Province										
Category	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
1	16 220	5 119	14 773	3 080	2 482	2 678	2 015	1 531	1 125	49 023
2	77 202	43 860	86 910	32 270	17 151	10 009	11 712	6 321	6 240	291 675
3	249 748	166 742	88 934	78 419	52 864	99 891	60 185	102 537	23 042	922 362
Total	343 170	215 721	190 617	113 769	72 497	112 578	73 912	110 389	30 407	1 263 060
Dec 2016										
Number of Learners Licences Issued per Province										
Category										RSA
1	15 668	4 512	13 904	2 703	2 338	2 536	1 947	1 537	1 038	46 183
2	74 060	38 581	85 077	28 357	15 230	9 410	10 996	5 905	5 833	273 449
3	273 162	164 774	89 745	73 525	52 764	101 812	60 267	103 490	23 090	942 629
Total	362 890	207 867	188 726	104 585	70 332	113 758	73 210	110 932	29 961	1 262 261
% Change										
Number of Learners Licences Issued per Province										
Category	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
1	-3.40	-11.86	-5.88	-12.24	-5.80	-5.30	-3.37	0.39	-7.73	-5.79
2	-4.07	-12.04	-2.11	-12.13	-11.20	-5.98	-6.11	-6.58	-6.52	-6.25
3	9.38	-1.18	0.91	-6.24	-0.19	1.92	0.14	0.93	0.21	2.20
Total	5.75	-3.64	-0.99	-8.07	-2.99	1.05	-0.95	0.49	-1.47	-0.06

Learner Licences :

Category 1 : Motorcycle

Category 2 : Light Motor Vehicle

Category 3 : Heavy Motor Vehicle

Annexure C-2

Number of Driving Licences Issued

Dec 2015		Number of Driving Licences Issued per Province									
Category	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA	
A1	172 811	59 550	107 369	33 593	26 074	22 529	19 486	14 548	9 319	465 279	
A	44 776	13 049	27 879	9 177	9 053	6 661	6 489	3 896	2 478	123 458	
B	951 365	428 054	530 174	212 095	133 368	113 260	108 033	71 327	48 023	2 595 699	
EB	4 485	4 888	4 308	1 056	486	2 307	1 639	1 673	422	21 264	
C1	1 098 743	534 842	182 614	170 286	139 574	356 258	182 835	496 137	59 063	3 220 352	
EC1	1 313 809	577 510	792 503	310 068	175 908	160 161	141 700	108 936	65 669	3 646 264	
C	293 654	162 798	117 212	68 818	77 454	101 415	53 412	89 178	24 774	988 715	
EC	227 489	70 093	50 614	45 958	35 393	52 143	37 247	65 004	11 454	595 395	
Total	4 107 132	1 850 784	1 812 673	851 051	597 310	814 734	550 841	850 699	221 202	11 656 426	
Dec 2016		Number of Driving Licences Issued per Province									
Category	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA	
A1	175 610	60 331	111 044	33 999	26 213	22 729	19 676	14 925	9 400	473 927	
A	44 553	13 032	28 241	9 191	9 017	6 620	6 449	3 874	2 440	123 417	
B	1 004 200	445 772	560 863	223 592	138 473	117 428	112 007	73 810	49 949	2 726 094	
EB	4 641	4 892	4 581	1 100	510	2 555	1 666	1 732	428	22 105	
C1	1 211 390	592 929	197 177	191 182	150 167	397 639	202 810	542 837	64 369	3 550 500	
EC1	1 310 560	576 581	799 612	311 142	175 777	159 690	141 558	108 965	65 541	3 649 426	
C	302 518	170 424	120 147	70 872	79 341	106 858	54 801	93 373	25 098	1 023 432	
EC	225 669	69 890	50 505	46 155	35 352	52 194	37 267	65 453	11 427	593 912	
Total	4 279 141	1 933 851	1 872 170	887 233	614 850	865 713	576 234	904 969	228 652	12 162 813	
% Change		Number of Driving Licences Issued per Province									
Category	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA	
A1	1.62	1.31	3.42	1.21	0.53	0.89	0.98	2.59	0.87	1.86	
A	-0.50	-0.13	1.30	0.15	-0.40	-0.62	-0.62	-0.56	-1.53	-0.03	
B	5.55	4.14	5.79	5.42	3.83	3.68	3.68	3.48	4.01	5.02	
EB	3.48	0.08	6.34	4.17	4.94	10.75	1.65	3.53	1.42	3.96	
C1	10.25	10.86	7.97	12.27	7.59	11.62	10.93	9.41	8.98	10.25	
EC1	-0.25	-0.16	0.90	0.35	-0.07	-0.29	-0.10	0.03	-0.19	0.09	
C	3.02	4.68	2.50	2.98	2.44	5.37	2.60	4.70	1.31	3.51	
EC	-0.80	-0.29	-0.22	0.43	-0.12	0.10	0.05	0.69	-0.24	-0.25	
Total	4.19	4.49	3.28	4.25	2.94	6.26	4.61	6.38	3.37	4.34	

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

Number of Professional Driving Permits (PrDPs) Issued

Dec 2015										
Number of Professional Driving Permits (PrDP's) Issued per Province										
Category	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
G	1 936	1 857	1 715	822	893	1 152	446	921	386	10 128
P G	263 566	166 795	138 834	82 763	61 482	95 780	51 161	103 725	23 341	987 447
D G	42	28	13	8	33	18	26	7	5	180
D P G	11 890	9 148	3 953	1 864	2 763	2 824	1 143	1 643	644	35 872
Total	277 434	177 828	144 515	85 457	65 171	99 774	52 776	106 296	24 376	1 033 627
Dec 2016										
Number of Professional Driving Permits (PrDP's) Issued per Province										
Category	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
G	1 817	1 799	1 606	719	872	976	404	865	317	9 375
P G	273 055	170 455	144 415	83 361	62 064	97 897	52 447	105 293	23 673	1 012 660
D G	37	27	13	6	21	17	29	10	5	165
D P G	12 781	9 767	4 255	2 085	2 905	3 161	1 225	1 830	665	38 674
Total	287 690	182 048	150 289	86 171	65 862	102 051	54 105	107 998	24 660	1 060 874
% Change										
Number of Professional Driving Permits (PrDP's) Issued per Province										
Category	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
G	-6.15	-3.12	-6.36	-12.53	-2.35	-15.28	-9.42	-6.08	-17.88	-7.43
P G	3.60	2.19	4.02	0.72	0.95	2.21	2.51	1.51	1.42	2.55
D G	-11.90	-3.57	0.00	-25.00	-36.36	-5.56	11.54	42.86	0.00	-8.33
D P G	7.49	6.77	7.64	11.86	5.14	11.93	7.17	11.38	3.26	7.81
Total	3.70	2.37	4.00	0.84	1.06	2.28	2.52	1.60	1.17	2.64

Professional Driving Permits (PrDPs)

G : Goods

P : Passengers

D : Dangerous goods

Annexure D

Monthly Number of Fatal Crashes per Province: 2015 - 2016

Year	Number of Fatal Crashes per Province per Month										
	Month	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
2015	Jan	90	99	57	106	49	89	63	72	27	652
	Feb	119	88	51	79	44	53	42	63	17	556
	Mar	130	147	105	102	66	90	60	86	22	808
	Apr	190	176	89	96	64	102	71	102	18	908
	May	198	223	90	110	63	124	78	98	28	1 012
	Jun	195	222	76	119	55	95	56	91	27	936
	Jul	239	190	79	111	65	104	73	112	20	993
	Aug	240	225	81	108	88	94	67	132	23	1 058
	Sep	191	189	94	83	41	105	65	91	25	884
	Oct	217	184	90	86	71	92	59	99	40	938
	Nov	166	109	86	87	60	38	53	93	30	722
	Dec	196	223	100	162	84	112	78	150	41	1 146
2016	Jan	106	167	90	95	59	77	59	84	27	764
	Feb	142	144	74	79	50	68	76	82	15	730
	Mar	189	160	99	94	54	105	67	106	17	891
	Apr	214	198	93	148	40	115	71	98	28	1005
	May	211	216	105	101	51	97	63	88	23	955
	Jun	182	221	86	115	60	98	66	100	27	955
	Jul	250	210	104	173	77	130	73	133	39	1189
	Aug	225	211	90	110	49	114	71	97	18	985
	Sep	208	213	79	113	73	105	81	111	29	1012
	Oct	239	188	80	105	80	121	85	115	31	1044
	Nov	208	175	79	97	56	85	83	79	24	886
	Dec	211	264	92	168	102	118	97	168	40	1260

Annexure E
Monthly Number of Fatalities per Province: 2015 - 2016

Year	Number of Fatalities per Province per Month										
	Month	GA	KZ	WC	EC	FS	MP	NW	LI	NC	RSA
2015	Jan	95	115	65	128	57	121	82	81	31	775
	Feb	121	98	52	108	48	68	53	77	25	650
	Mar	157	164	144	130	84	116	76	113	24	1 008
	Apr	227	208	94	133	86	138	81	138	25	1 130
	May	228	249	100	130	73	148	89	141	28	1 186
	Jun	226	246	91	143	87	118	67	112	36	1 126
	Jul	262	221	90	133	74	148	91	141	25	1 185
	Aug	257	279	94	165	101	123	89	174	27	1 309
	Sep	215	229	115	110	49	127	93	107	34	1 079
	Oct	247	219	105	119	86	119	83	122	53	1 153
	Nov	211	123	99	108	75	54	74	117	33	894
	Dec	226	260	131	241	118	142	100	182	49	1 449
2016	Jan	89	122	199	109	121	89	113	75	130	989
	Feb	58	163	166	85	94	58	81	89	101	852
	Mar	70	206	178	122	130	70	147	92	142	1 109
	Apr	56	242	235	114	176	56	144	85	125	1 213
	May	55	232	245	120	132	55	117	74	124	1 127
	Jun	64	207	250	94	138	64	127	82	122	1 114
	Jul	97	288	247	117	213	97	157	83	162	1 420
	Aug	77	257	230	113	129	77	127	87	117	1 158
	Sep	90	237	246	81	124	90	135	92	137	1 185
	Oct	108	280	213	105	133	108	152	103	137	1 273
	Nov	59	232	202	90	112	59	107	106	102	1 043
	Dec	169	234	304	110	203	169	155	116	245	1 588

Annexure F
Historic Information

F.1 Vehicle population

Year	Motorised	Towed	Total
2010	8 816 366	1 013 035	9 829 400
2011	9 150 805	1 042 245	10 193 050
2012	9 539 615	1 071 056	10 610 671
2013	9 909 923	1 096 261	11 006 184
2014	10 249 504	1 120 422	11 369 925
2015	10 565 967	1 144 789	11 710 756
2016	10 801 558	1 162 676	11 964 234

F.2 Fatal crashes and fatalities

Year	Fatal Crashes	Fatalities
2010	10 837	13 967
2011	11 228	13 954
2012	10 977	13 528
2013	10 170	11 844
2014	10 367	12 702
2015	10 613	12 944
2016	11 676	14 071



Road Traffic Management Corporation
Boardwalk Office Park: Phase 5
Boardwalk Boulevard: Faerie Glen
Pretoria East, Tshwane
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