



## **CHALLENGES OF FINANCING ROAD SAFETY IN ZIMBABWE**

**PRESENTATION**

**BY**

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# Outline

- 1. Road Accident Situation**
- 2. Causes of Road Accidents in Zimbabwe**
- 3. Strategies**
- 4. Financial Challenges**



## **ACCIDENT SITUATION IN ZIMBABWE**

- There is a traffic accident every 15 minutes and on average 5 people die every day giving us an annual average of +/-2000 fatalities.
- Fridays and Saturdays are the worst days while public holidays namely Easter, Heroes, Christmas and New Year account for the largest fatalities each year.
- Most of the accidents occur during the day between 0600h to 1800h but most fatalities occur at night between 1801h and 0600h.



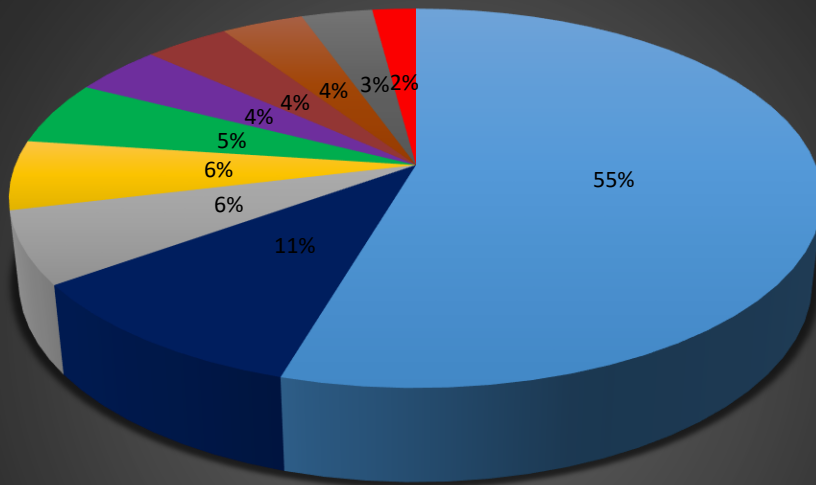
## 2017 ROAD CRASHES STATISTICS

Province	Crashes	Province	Killed
Harare	23,140	Harare	338
Bulawayo	4,450	Mash West	257
Midlands	2,621	Mash East	224
Mash West	2,511	Midlands	213
Manicaland	2,308	Masvingo	183
Mash East	1,773	Mash Central	170
Masvingo	1,696	Manicaland	157
Mash Central	1,641	Matabeleland South	114
Matabeleland South	1,420	Matabeleland North	102
Matabeleland North	870	Bulawayo	80
<b>TOTAL</b>	<b>42,430</b>	<b>TOTAL</b>	<b>1,838</b>

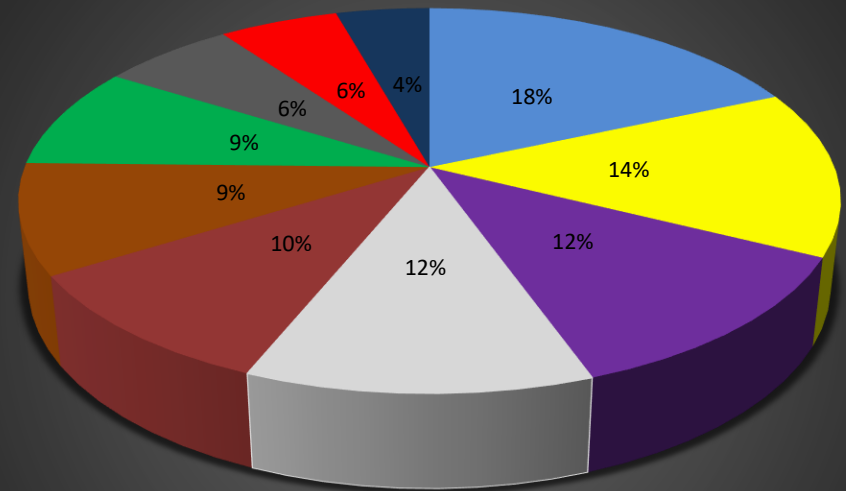


# 2017 PROVINCIAL ACCIDENT DISTRIBUTION CHARTS

## Crashes



## Killed



- Harare
- Bulawayo
- Midlands
- Mash West
- Manicaland
- Mash East
- Masvingo
- Mash Central
- Matabeleland South
- Matabeleland North

- Harare
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- Midlands
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- Manicaland
- Matabeleland South
- Matabeleland North
- Bulawayo



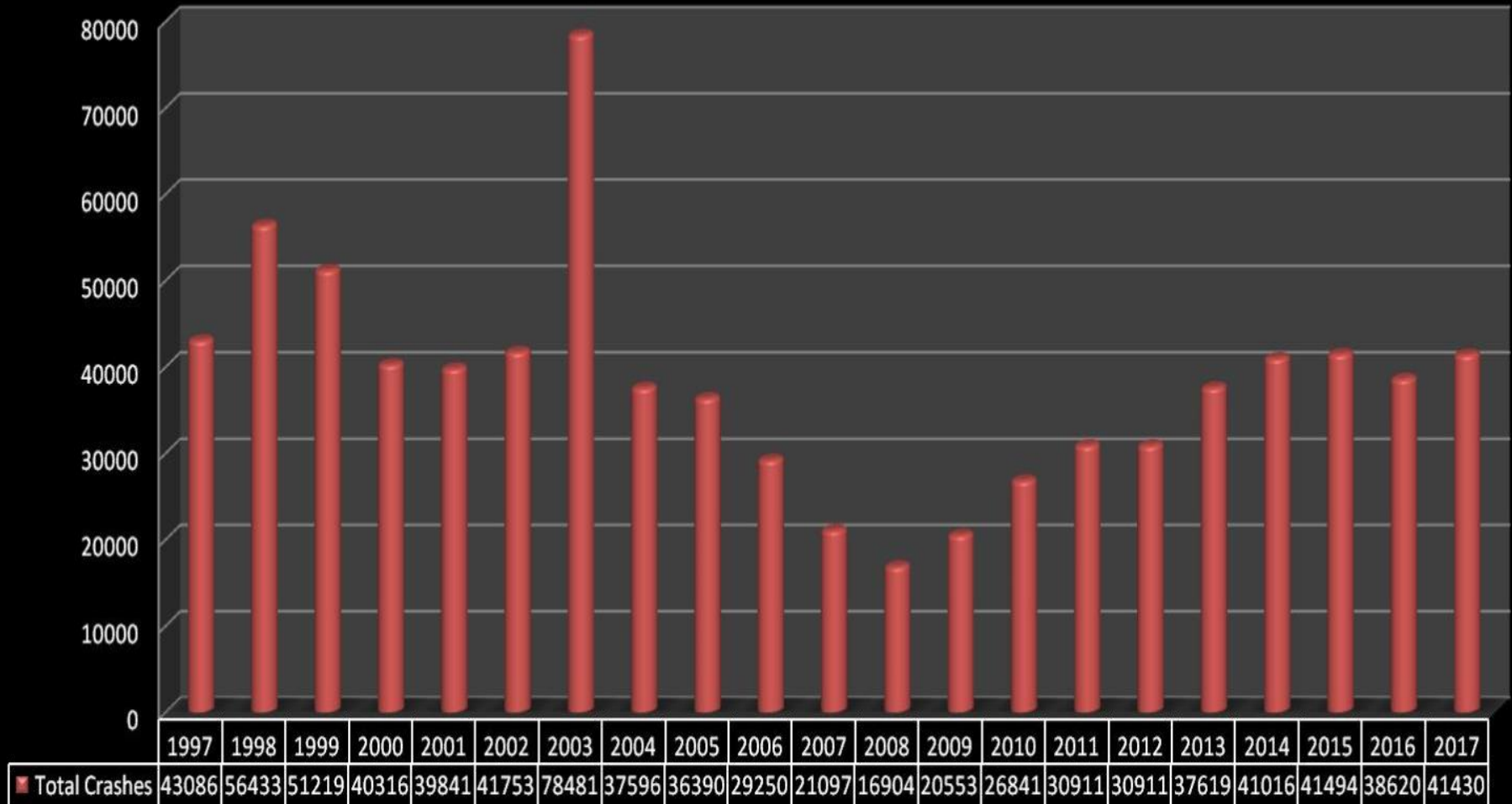
<b>NATIONAL DISASTERS IN ZIMBABWE</b>					
<b>DISASTER</b>	<b>MONTH</b>	<b>YEAR</b>	<b>DEATHS</b>	<b>VEHICLE INVOLVED</b>	<b>LOCATION</b>
Dande Bridge	June	1983	60	Bus	Dande
Selous		1987	16	Bus	67 km peg Harare – Bulawayo Road
Kukura Kurerwa		1989	40	Bus	31 km peg Harare – Dotito Road
Chivake Bridge	November	1989	79	Bus	74,5 km peg Harare – Nyamapanda Road
Mzingwane		1990	18	Bus	Mzingwane River
Nyanga	Aug-03	1991	87	Bus	32 km peg Nyanga – Nyamaropa Road
Pokoteke	December	1992	21	Bus	21 kmpeg Gutu – Chatsworth Road
Marondera	August	1993	15	Kombi / Train	Nguwe railway cross – Dombotombo
Runde	December	1993	15	Bus	107 km peg Masvingo B/Bridge
Ruya	April	1994	24	Bus	48 km peg Chimanimani Road
Mtoko	August	1995	16	Bus	48 km Harare – Mtoko Road
Chimanimani	August	1995	37	Bus	38 km peg Chimanimani Road
Zaka	December	1995	16	Bus	Zaka – Chiredzi Road
Mhunga Bus	December	1995	45	Bus	6 km peg Zaka – Buffalo Range Road
Chipinge	April	1996	28	Lorry	15 km peg Mt Selinda – Birchoughbridge Road
Mbizi Bus	October	1997	40	Bus	120 km peg Harare – Nyamaropa Road
Mudzi	May	2000	40	Bus	204 km peg Harare – Nyamapanda
Masvingo	January	2002	30	Bus	274 km peg Harare – Masvingo Road
Chivi	June	2002	11	Bus	22 km peg Tokwe – Mhandamabwe Road
Chegutu	November	2002	17	Bus	110 km peg Harare – Bulawayo Road
Gweru	September	2003	12	Bus	Gweru – Shurugwi Road
Marula	September	2003	17	Bus	68 km peg Bulawayo – Plumtree Road
Selous	September	2003	22	Lorry	Selous
Simon Mazorodze	May	2006	11	Bus	Simon Mazorodze Road – Harare
Shangani	May	2006	9	Bus	31,5 km peg gweru – Bulawayo Road
Shangani	May	2006	14	Bus	32 km peg Gweru – Bulawayo Road
Gweru	May	2006	14	Bus	226,5 km peg Harare – Gweru Road
Chirundu	June	2006	20	Bus	167 km peg Harare – Chirundu Road
Chirundu	August	2006	23	Bus	161 km peg Harare – Chirundu Road
Dzivarasekwa	March	2007	35	Coaster / Rail	Tynwald North, Harare
Pimpi River	August	2007	10	Army Truck	79 km peg Harare – Masvingo Road
Nyaitenga	June	2008	15	Bus	Nyaitenga River – Mtoko
Beitbridge	December	2008	11	Bus	259 km peg Beitbridge – Masvingo Road
Gwanda	December	2008	10	Bus	43 km peg Gwanda – Bulawayo Road



DISASTER	MONTH	YEAR	DEATHS	VEHICLE INVOLVED	LOCATION
Beitbridge	December	2008	11	Bus	259 km peg Beitbridge – Masvingo Road
Gwanda	December	2008	10	Bus	43 km peg Gwanda – Bulawayo Road
Munyati River	April	2009	30	Bus	110 km peg Harare – Masvingo Road
Juru	May	2009	12	Lorry	42 km peg Harare – Nyamapanda
Mhunga Bus	August	2009	40	Bus	80 km peg Harare – Masvingo
Nyazura	August	2009	12	Bus	176 km peg Harare – Mutare Road
Musanhi Bus	August	2009	17	Bus	176 km peg Harare – Mukumbura Road
Zupco / Cam	August	2009	11	Bus	86 km peg Harare – Chirundu Road
Chiredzi	January	2010	10	Bus	125 km peg Ngundu – Tanganda Road
Ruda	March	2010	14	Bus	19 km peg Selborne – Abefoyo Road
Mbembesi	March	2010	10	Bus	120 km peg Gweru – Bulawayo Road
Gweru	March	2010	10	Bus	236 km peg Harare – Gweru Road
Chinhoyi	April	2010	10	Bus	126 km peg Harare – Chirundu Road
Nyabira	June	2010	18	Bus	46,5 km peg Harare – Chirundu Road
Saruwe	July	2010	19	Lorry	81 km peg Harare – Bulawayo Road
Simon Mazorodze	December	2010	7	Coaster	Simon Mazorodze Road – Harare
Masvingo	January	2011	12	Quantum	83 km peg Masvingo – Beitbridge Road
Chivhu	April	2011	13	Pick-up	137 km peg Harare – Masvingo Road
Centenary	May	2011	9	Lorry	45,5 km peg Harare – Centenary Road
Mvurwi	July	2011	21	Kombi	78 km peg Mazowe – Centenary Road
Rusape	August	2011	18	Kombi	185 km peg Harare – Mutare Road
Norton	August	2011	20	Bus	59 km peg Harare – Bulawayo Road
Nyanga	March	2012	15	Bus	32 km peg Nyanga – Nyamaropa Road
Masvingo West	April	2012	21	Bus	92 km peg Masvingo – Beitbridge Road
Mazowe	May	2012	15	Kombi	51 km peg Harare – Bindura Road
Chipinge	July	2012	10	Lorry	20 km peg Rimbi – Mwangazi Road
Norton	August	2012	10	Bus	55 km peg Harare – Bulawayo Road.
Mutoko	18-Jan	2015	26	Two buses (zupco & pioneer)	35 km peg Harare – Nyamapanda Road.
Kwekwe	3-Mar	2016	31	Pfochez Bus & Kombi Sprinter	232km peg, Kwekwe
Chirumhanzi	7-Apr	2017	31	Proliner Bus Disaster	218km peg, at Nyamatikiti River near Chaka B/Centre
Hurungwe	7-Jun	2017	43	King Lion Bus Disaster	257 km peg, near Nyamakate Resettlement Area / shops
Jimila (Tsholotsho)	2-Dec	2017	21	Nissan UD (Min of Health)	35 km peg along Tsholostho – Sipepa Road near Jimila Centre



## Total Crashes 1997-2017

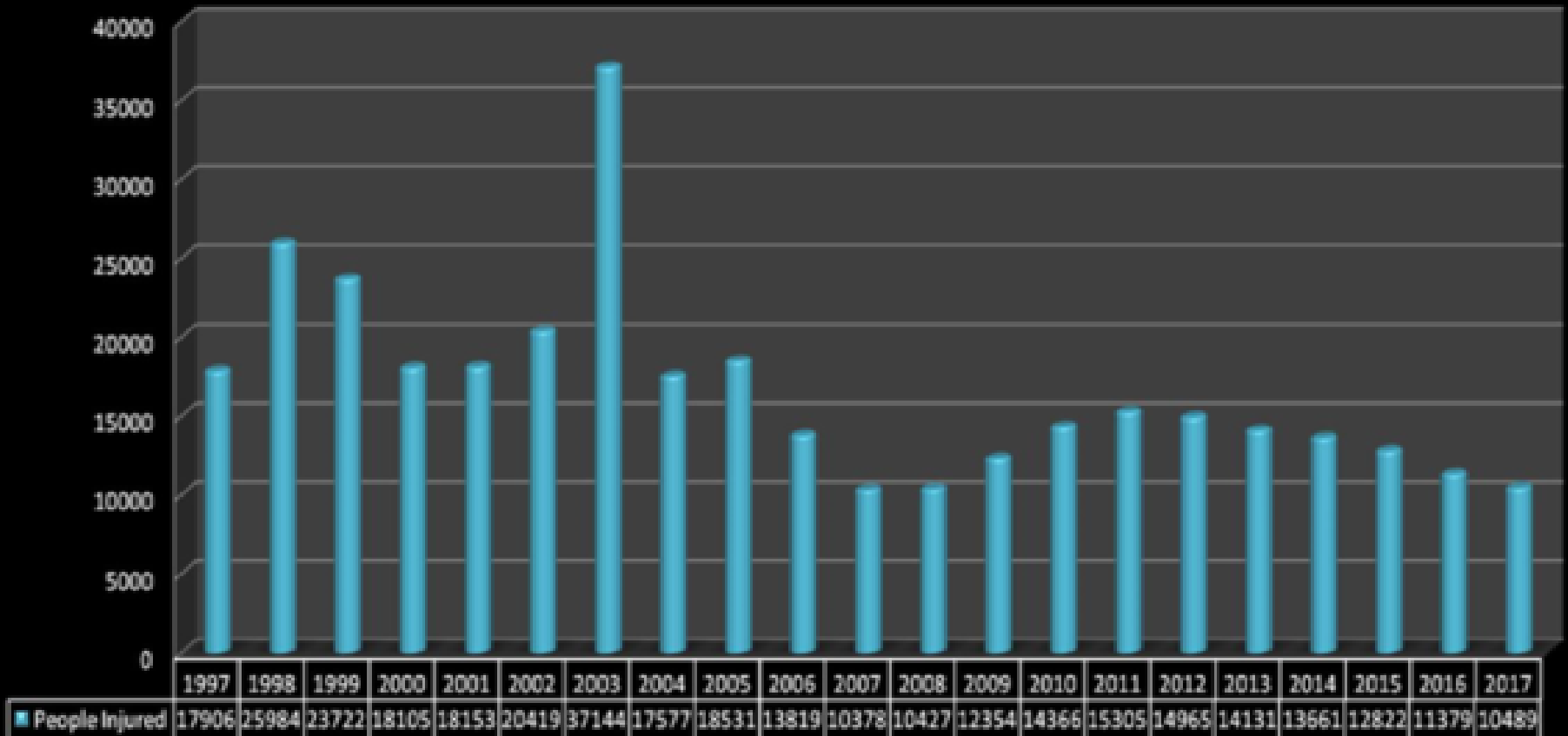






## Road Traffic Crashes Past Reflection: 1997 – 2017

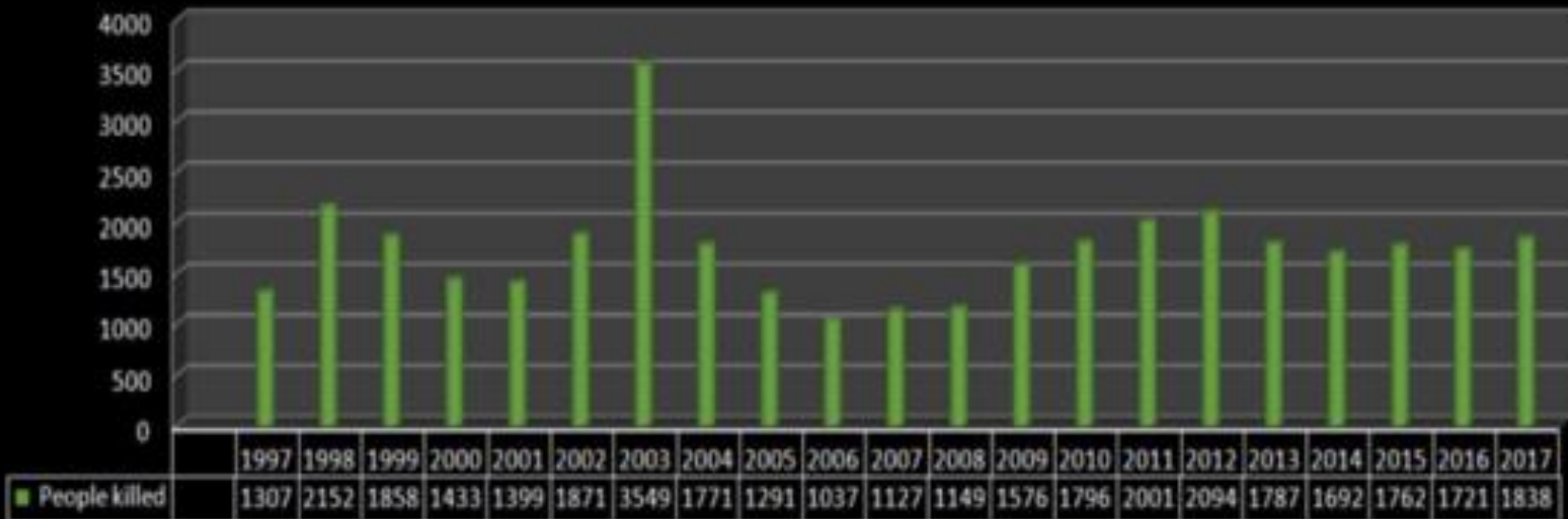
### People Injured 1997-2017

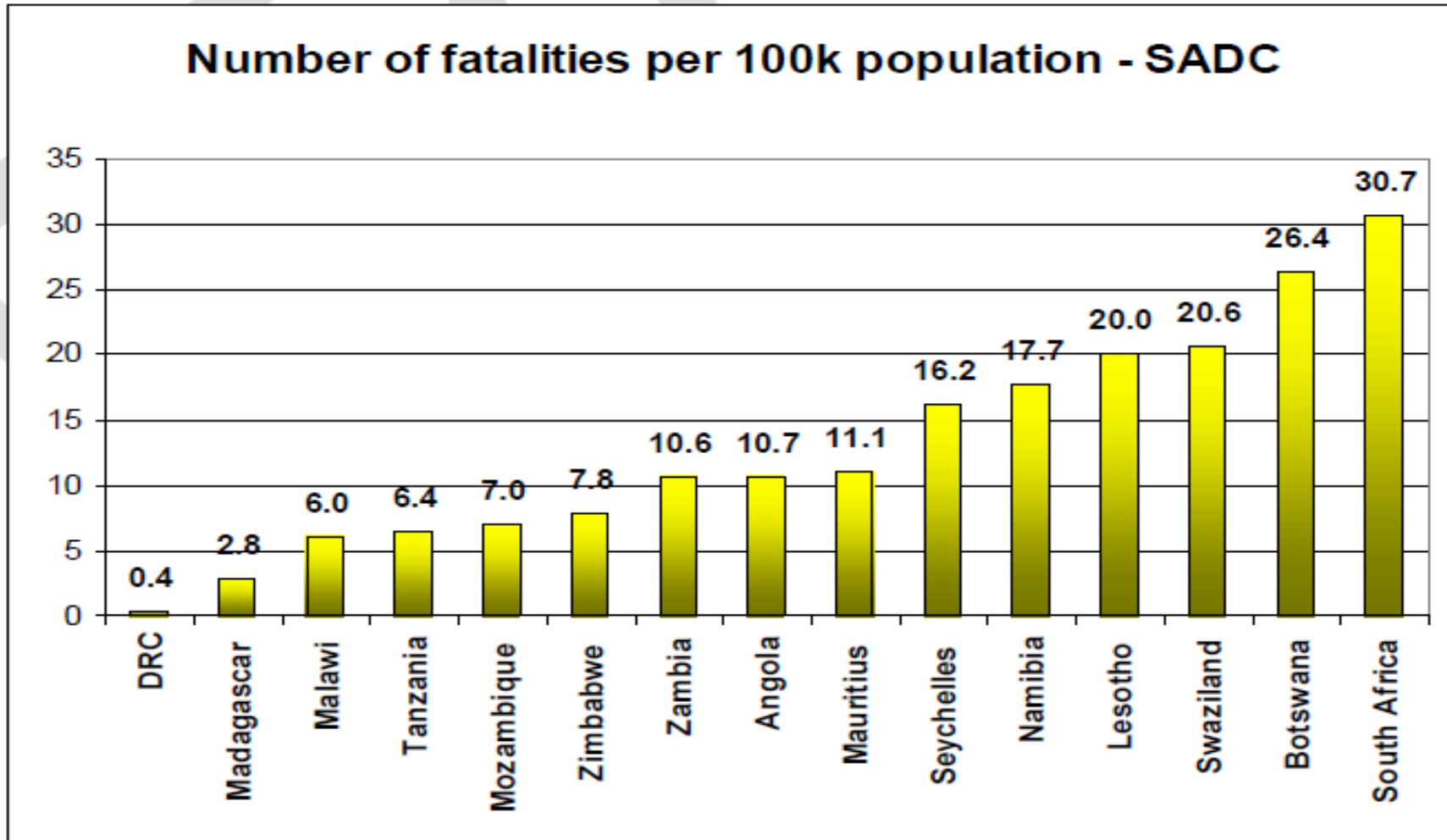




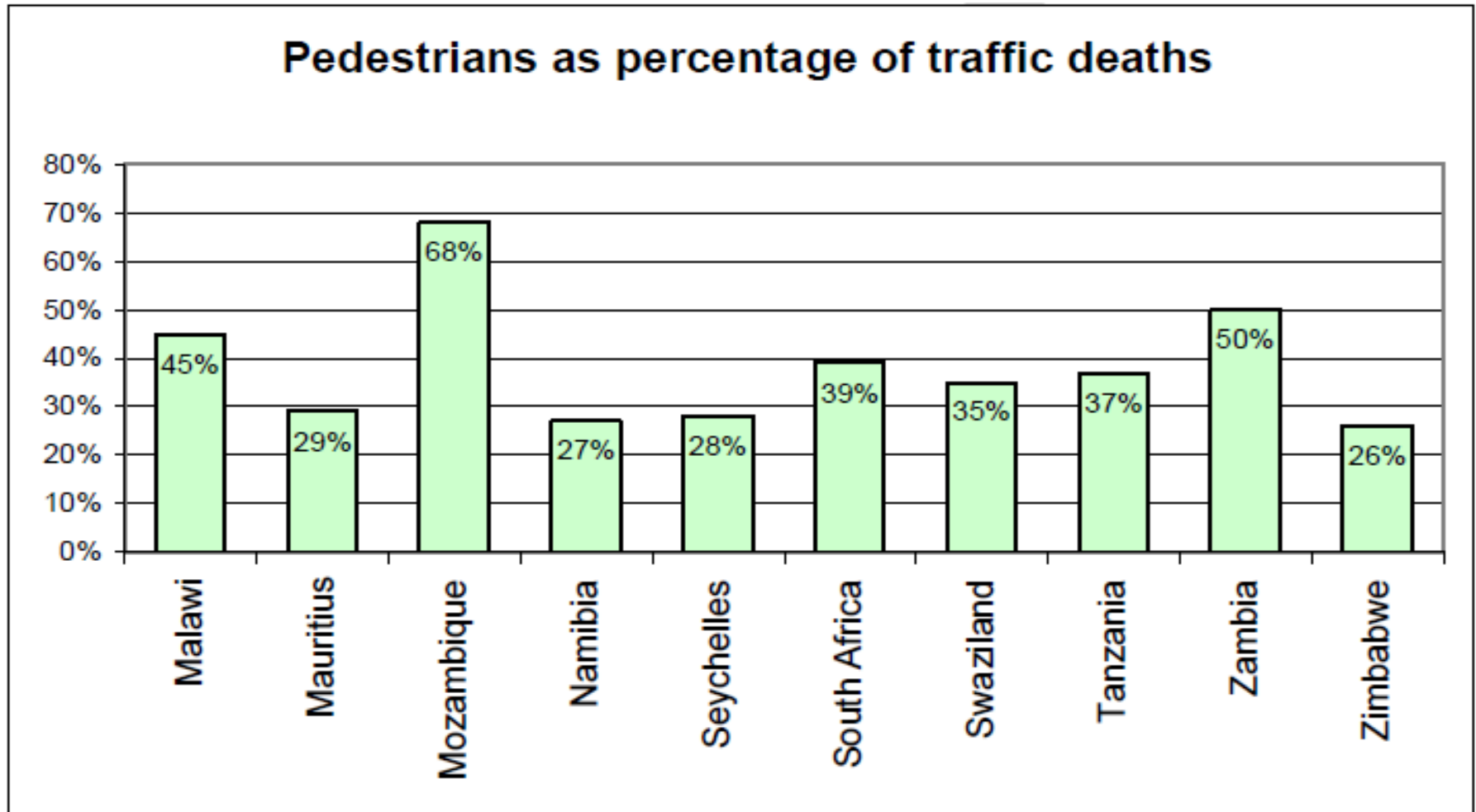
## Road Traffic Crashes Past Reflection: 1997 – 2017

### People Killed 1997-2017





**Figure 2: Number of reported fatalities per 100k population (SADC – 2007/2008)**



**Figure 5: Pedestrians as a percentage of traffic deaths (SADC - 2007/2008)**



### Number of fatalities per 10k vehicles - SADC

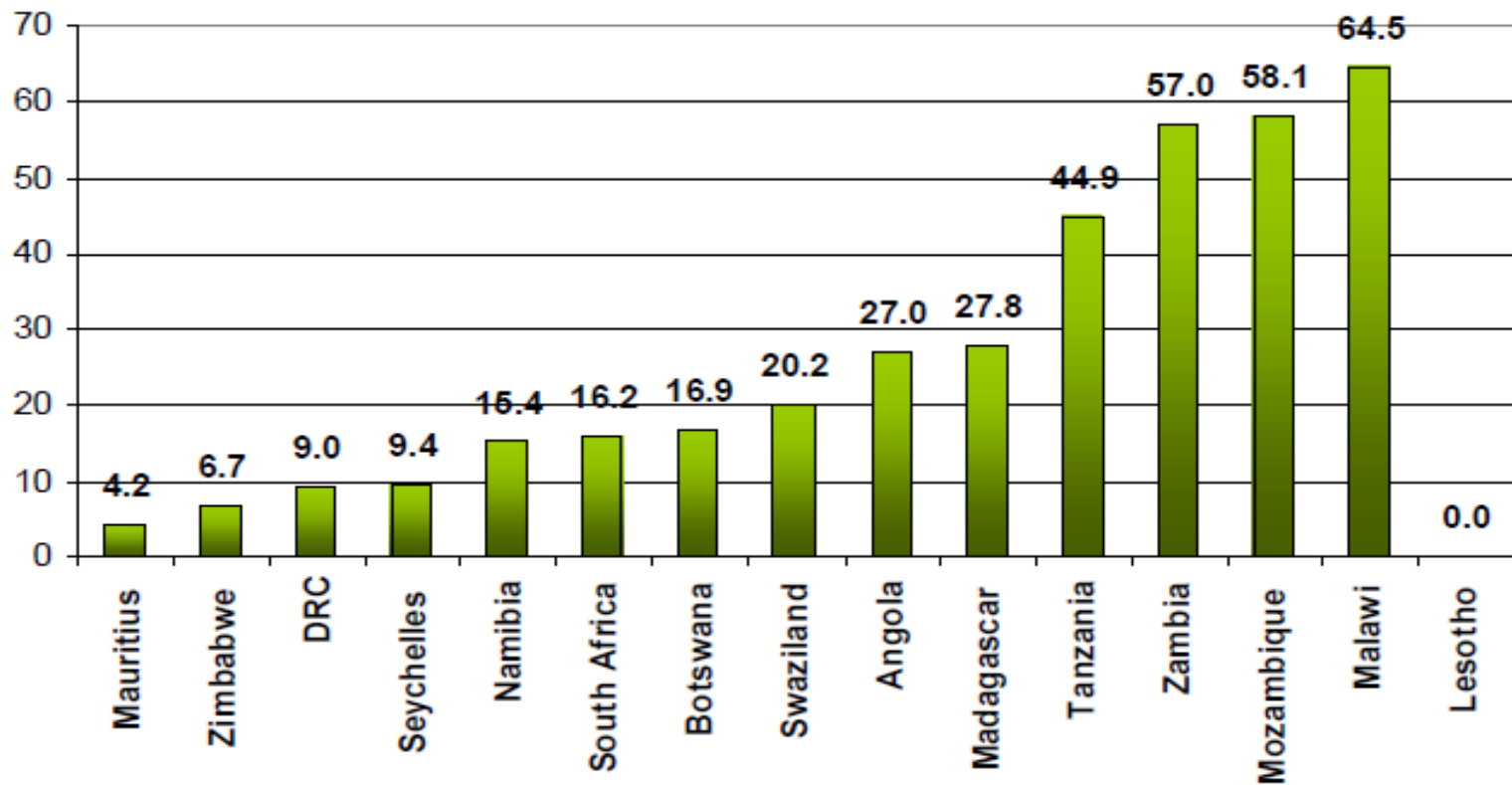


Figure 3: Number of reported traffic fatalities per 10k vehicles (SADC - 2007/2008)



# CAUSES OF ROAD ACCIDENTS IN ZIMBABWE

- Speeding
- Stray animals on the road
- Unforgiving and poor roads
- Unroadworthy vehicles
- Drunken Driving
- Drunken pedestrian
- Lack of vigilance on the part of all road users
- Traffic rule violations
- Over-loading of vehicles



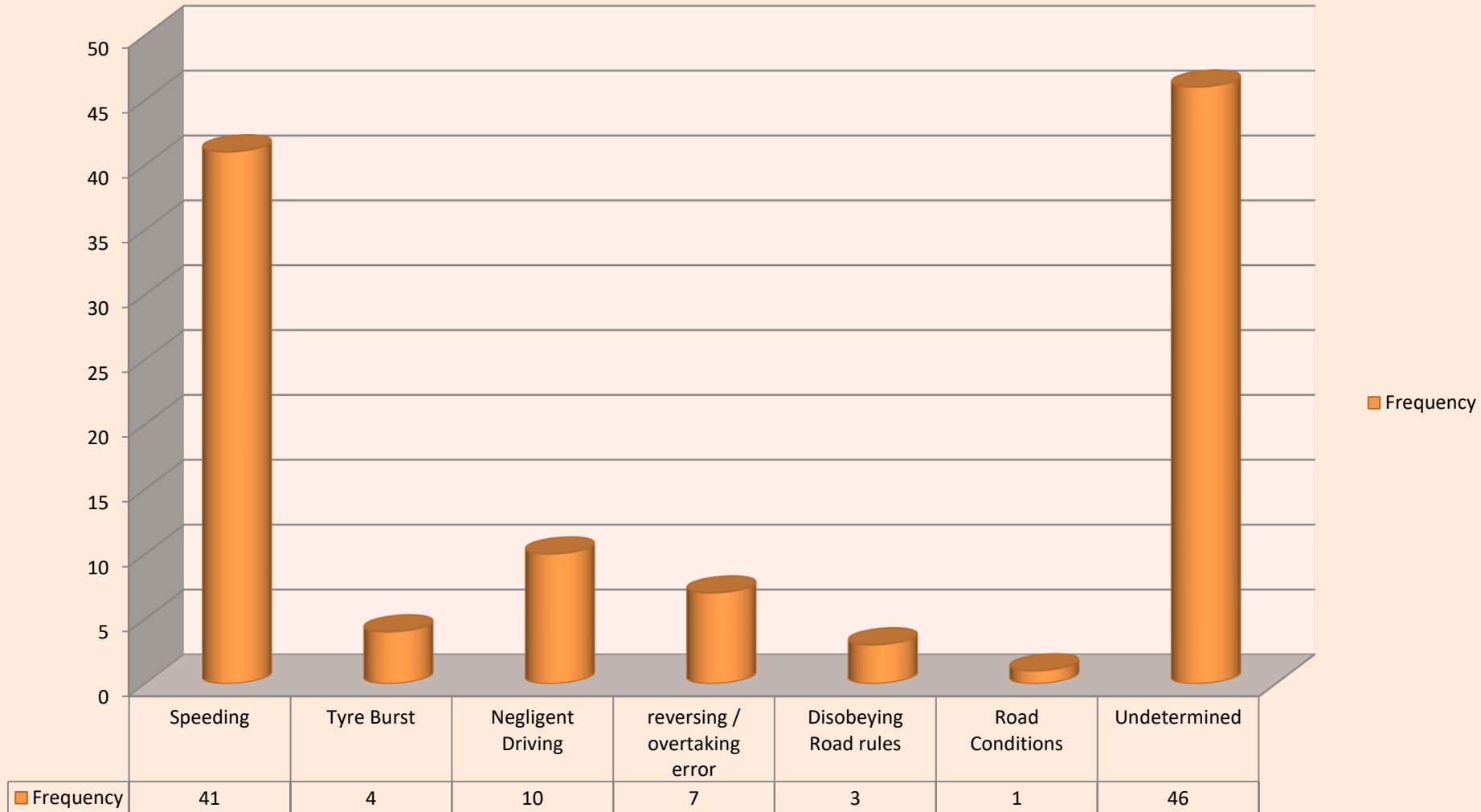
# CAUSES OF ROAD ACCIDENTS IN ZIMBABWE

- Fatigue
- Poor pedestrian visibility due to non-reflective clothing
- Impatient drivers
- Unlicensed drivers
- Inexperienced drivers
- Non segregation of road user facilities





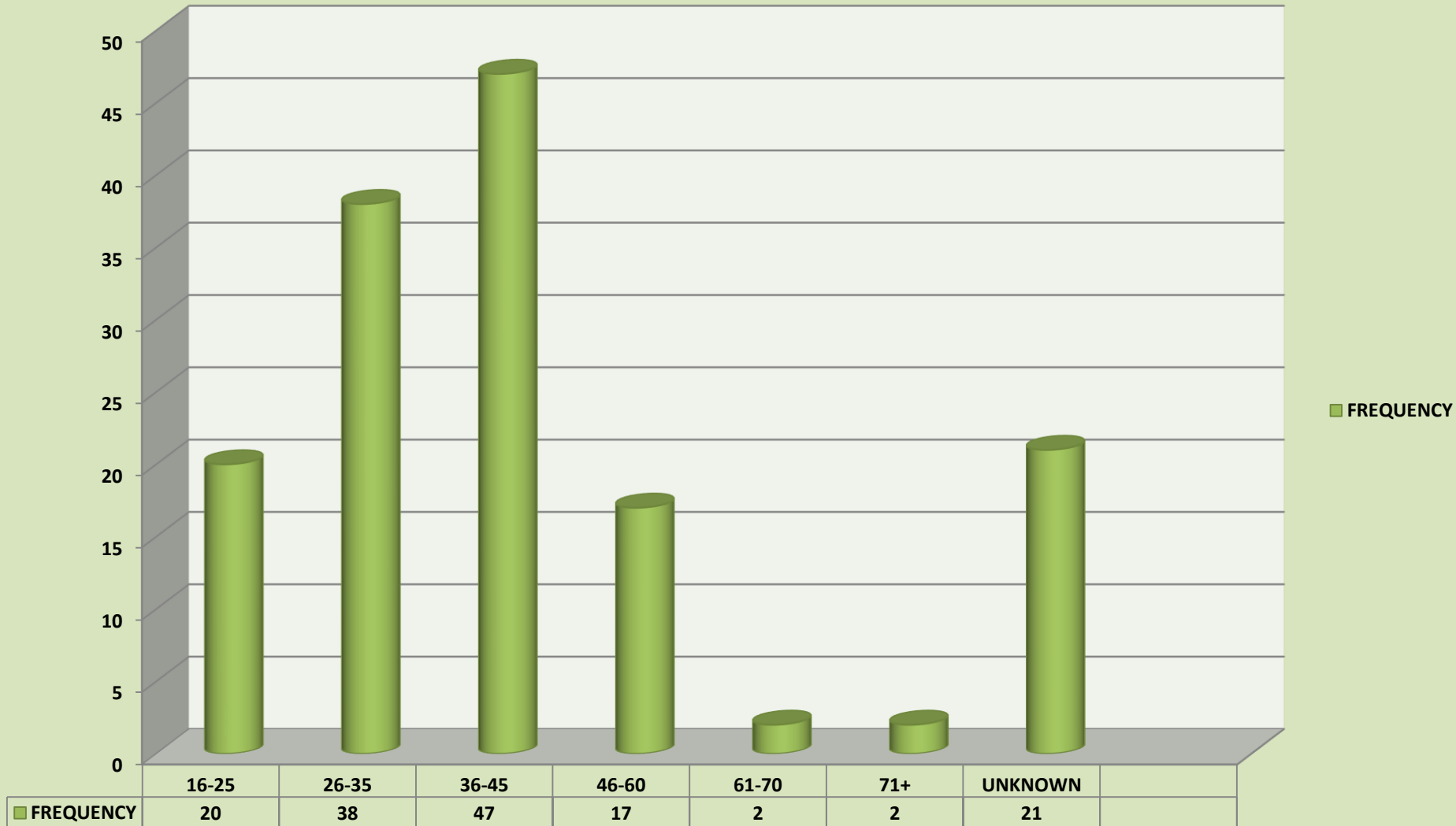
### Established Causes During the 2017/18 Festive Season Fatalities







## Age Distribution of Drivers Involved in 2017/18 Festive Season Fatalities





## Narrow roads/Unforgiving roads





Impatience/unforgiving roads/not following traffic rules



## Stray animals





# STRATEGIC PLAN

Our strategies are based on the Global plan for the United Nations decade of action 2011-2020 as informed by the five internationally recognized pillars of road safety which are as follows:

- **Pillar 1 - Roads Safety Management**

Adhere to and/or fully implement UN legal instruments and encourage the creation of regional road safety instruments. Encourage the creation of multi-sectoral partnerships and designation of lead agencies with the capacity to develop and lead the delivery of national road safety strategies, plans and targets, underpinned by the data collection and evidential research to assess countermeasure design and monitor implementation and effectiveness.



## **Pillar 2 - Safer Road and Mobility**

- Raise the inherent safety and protective quality of road networks for the benefit of all road users, especially the most vulnerable (e.g. pedestrians, bicyclists and motorcyclists). This will be achieved through the implementation of various road infrastructure agreements under the UN framework, road infrastructure assessment and improved safety-conscious planning, design, construction and operation of roads.



## Pillar 3 - Safer Vehicles

- Encourage universal deployment of improved vehicle safety technologies for both passive and active safety through a combination of harmonization of relevant global standards, consumer information schemes and incentives to accelerate the uptake of new technologies.



## Pillar 4 - Safer Road Users

- Develop comprehensive programmes to improve road user behaviour. Sustained or increased enforcement of laws and standards, combined with public awareness/education to increase seat-belt and helmet wearing rates, and to reduce drink-driving, speed and other risk factors.







## Pillar 5 - Post Crash Response

- Increase responsiveness to post-crash emergencies and improve the ability of health and other systems to provide appropriate emergency treatment and longer term rehabilitation for crash victims.





## STRATEGIES FOR REDUCING ROAD ACCIDENTS IN ZIMBABWE

- Road safety education at village level using Government structures.





## **STRATEGIES FOR REDUCING ROAD ACCIDENTS IN ZIMBABWE**

- Road safety education in schools (catch them young)
- Construction of Traffic training centres
- Inclusion of Road safety in the schools curriculum
- Train the trainer programme



# Road Safety Education in Schools

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## STRATEGIES FOR REDUCING ROAD ACCIDENTS IN ZIMBABWE

- Road safety campaigns
- Edutainment





## STRATEGIES FOR REDUCING ROAD ACCIDENTS IN ZIMBABWE

- Driver improvement programmes
- Driver of the year competitions





## STRATEGIES FOR REDUCING ROAD ACCIDENTS IN ZIMBABWE

- Use of speed cameras





## ✓ Safer Road and Mobility







## Road Safety Education in Churches

- ✓ We carryout road safety education in churches





# Post Crash Response



## **STRATEGIES FOR REDUCING ROAD ACCIDENTS IN ZIMBABWE**

- High way parameter Fencing
- Use of alcohol breathalysers/alcohol detectors
- Vehicle inspections



# Financial challenges



# Financial Challenges

- No allocation from the national fiscus
- ✓ There is lack of appreciation of the systems approach . Hence there is no fund dedicated to the five pillars of road safety.
- ✓ Road Safety involves a lot of Ministries and Departments such as Police, and Local Authorities which are very critical but unfortunately Road Safety is not their co-mandate.
- ✓ Without an empowered and strong Lead Agency, there is no co-ordination of budgets for a consolidated presentation.



- Zimbabwe is under Sanctions
  - Little Donor Funding



- LOW/POOR Public Private Partnerships
  - Non appreciation of the cost of road accidents
  - Estimated by UN to be between 2-5% of the country's GDP

