

HUMAN SECURITY AND UNIVERSAL HEALTHCARE COVERAGE IN NIGERIA:



“PERSPECTIVE OF EMERGENCY RESPONDERS”

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Human Health and Security are vital components of life and the society. Every positive human endeavor thrives in an environment that is health and security friendly.



Having health and security therefore are not negotiable when societal development is in focus.

The Aim

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- To examine the impact of Human Security challenges on Healthcare Service delivery from the perspective of Emergency Responders in Nigeria.

Objectives

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- To:
- a. Expose the listeners to security challenges inherent in the activities of Emergency Preparedness.
 - b. Examine the framework of Road Traffic Emergency Responses in Nigeria.
 - c. Highlight the State of funding of Health Care Delivery in the country.

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- d. Underscore the effects of insecurity on Health Care Delivery in Nigeria.
 - e. Point out key challenges to Emergency Responses in Health Care Delivery in the Country.

Key Definitions

What is Health?

Health, as defined by the World Health Organization (**WHO**), is "a state of complete physical, mental and social well-being and not merely the absence of disease or infirmity."



Universal Health Coverage

- ❖ Universal Health Coverage (UHC) means that all individuals and communities receive the health services they need without suffering financial hardship.
- ❖ It includes the full spectrum of essential, quality health services, from health promotion to prevention, treatment, rehabilitation, and palliative care.
- ❖ UHC enables everyone to access the services that address the most significant causes of disease and death, and ensures that the quality of those services is good enough to improve the health of the people who receive them.



Key Facts on UHC

- At least half (3.85 billion) of the world's population still do not have full coverage of essential health services.
- About 100 million people are still being pushed into extreme poverty (defined as living on 1.90 USD or less a day) because they have to pay for health care.
- Over 800 million people (almost 12% of the world's population) spent at least 10% of their household budgets to pay for health care.



Source: [https://www.who.int/news-room/fact-sheets/detail/universal-health-coverage-\(uhc\)](https://www.who.int/news-room/fact-sheets/detail/universal-health-coverage-(uhc))

What is Security?

In this context, Security is the state of being free from danger or threat.



From Wikipedia, Security is freedom from, or resilience against, potential harm (or other unwanted coercive change) caused by others.

What is Human Security?

The Commission on Human Security defines **human security** as protecting “the vital core of all human lives in ways that enhance human freedoms and human fulfillment.”



- The ultimate aim of the UHC is to bring about productivity and prosperity in its entirety. However, instability occasioned by insecurity, disrupts the total well-being of the society and truncates the health systems in a significant way.
- Insecurity is a key factor to consider in the framework for the effective implementation of the UHC as it is a major challenge.

Types of Human Security Challenges

The United Nations lists



Types of human security challenges:

Economic Security

Food Security

Environmental Security

Personal Security

Community Security

Political Security

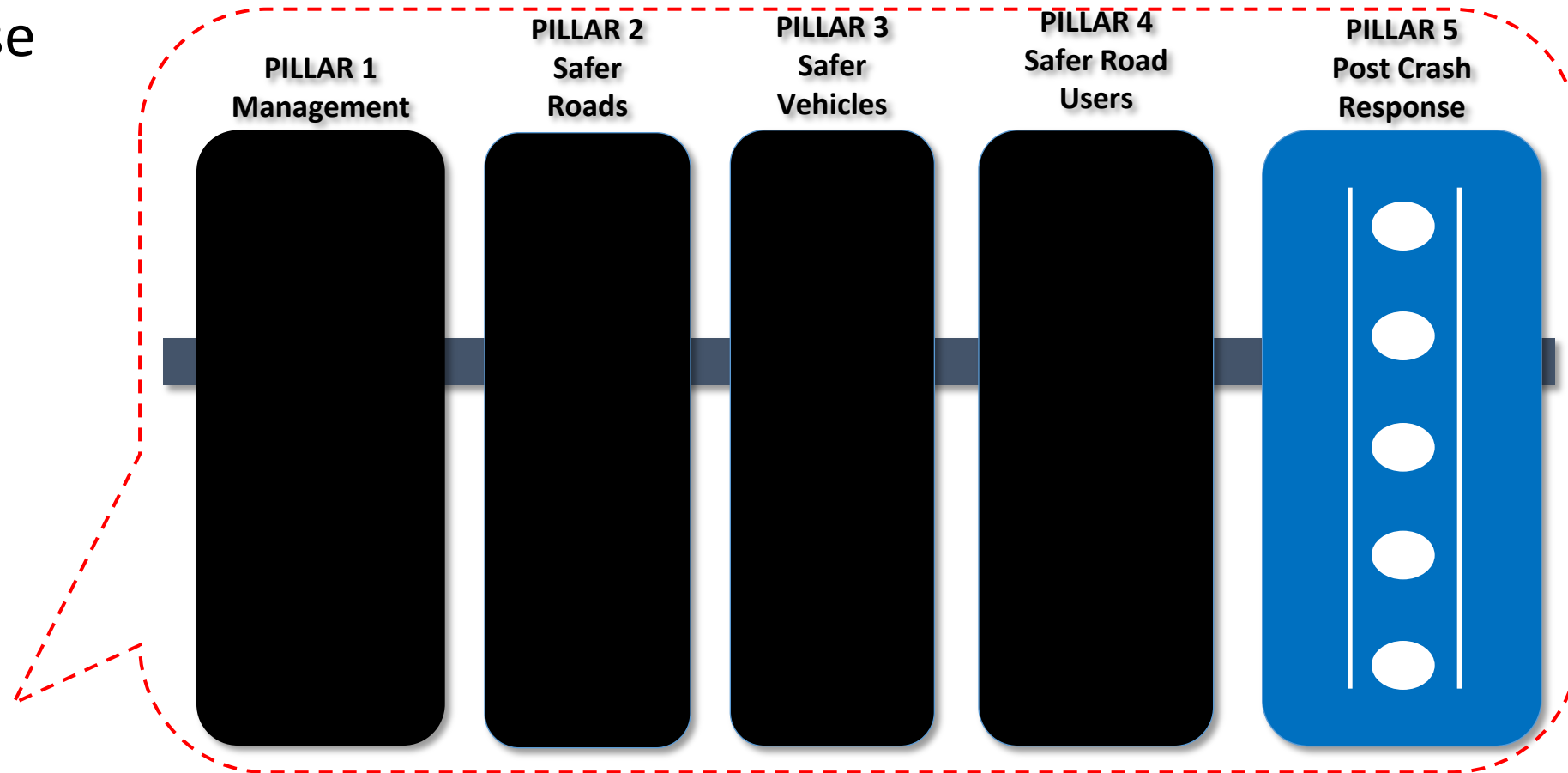
Health Security

Improving Health Security through Emergency Response

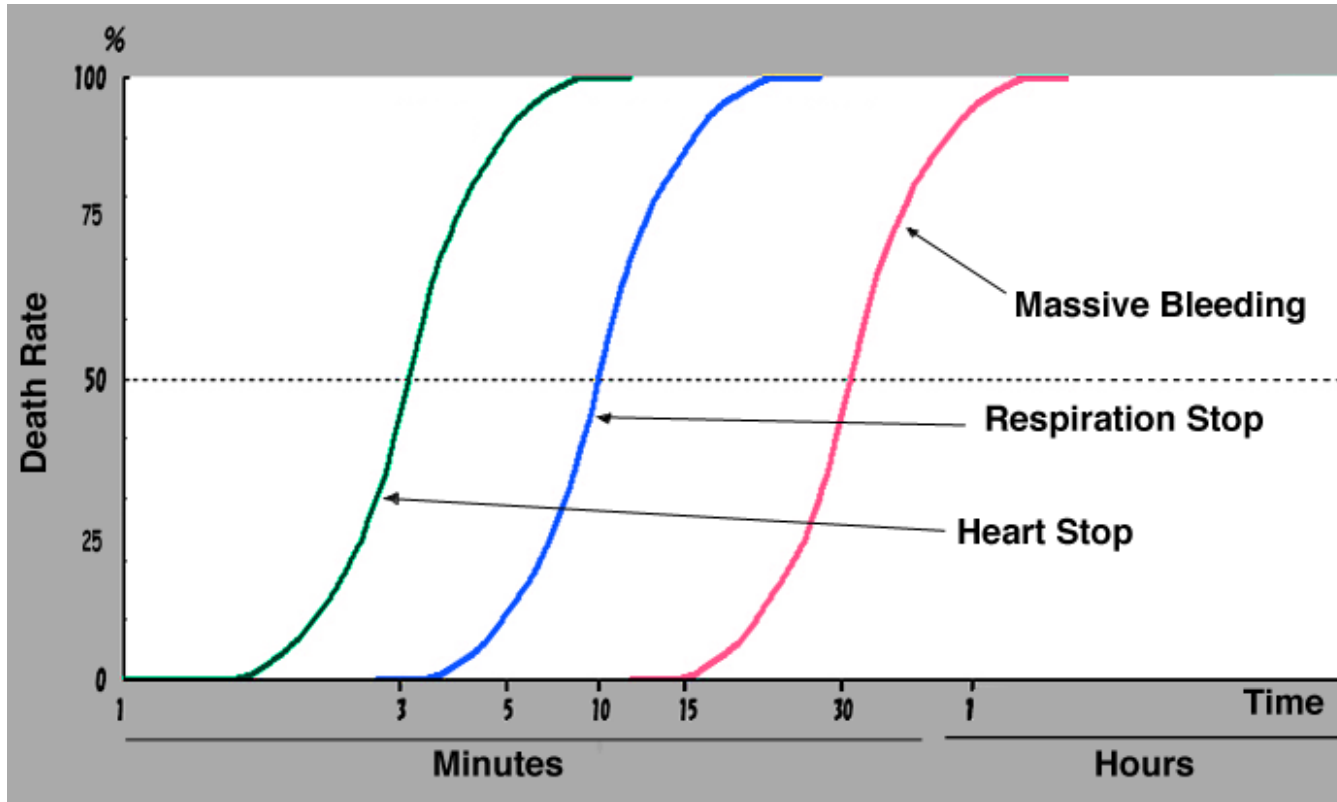
Emergency Response on Health Security

Emergency Response is a cardinal part of Road Safety Administration and Management as it prevents the overstretching of the health system through timely intervention and

prompt care with consideration of the **golden hour** of human survivability in mind.



Emergency Response on Health Security



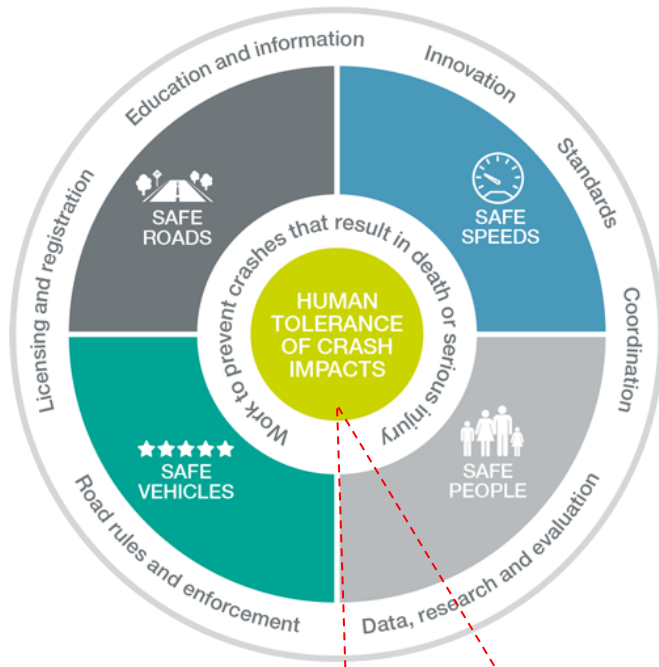
Actions taken within the **golden hour** limit is vital to health security.

This is the rationale of Emergency Responses especially in crisis time such as road traffic crash.

Source: [https://en.wikipedia.org/wiki/Golden_hour_\(medicine\)#/media/File:Golden_hour_graph.png](https://en.wikipedia.org/wiki/Golden_hour_(medicine)#/media/File:Golden_hour_graph.png)

Emergency Response on Health Security (Cont'd)

Emergency Response is a “**preventive-reactive**” mechanism designed with considerations to both **Safe Systems Approach** to Road Safety and **Haddon-matrix** in mind.



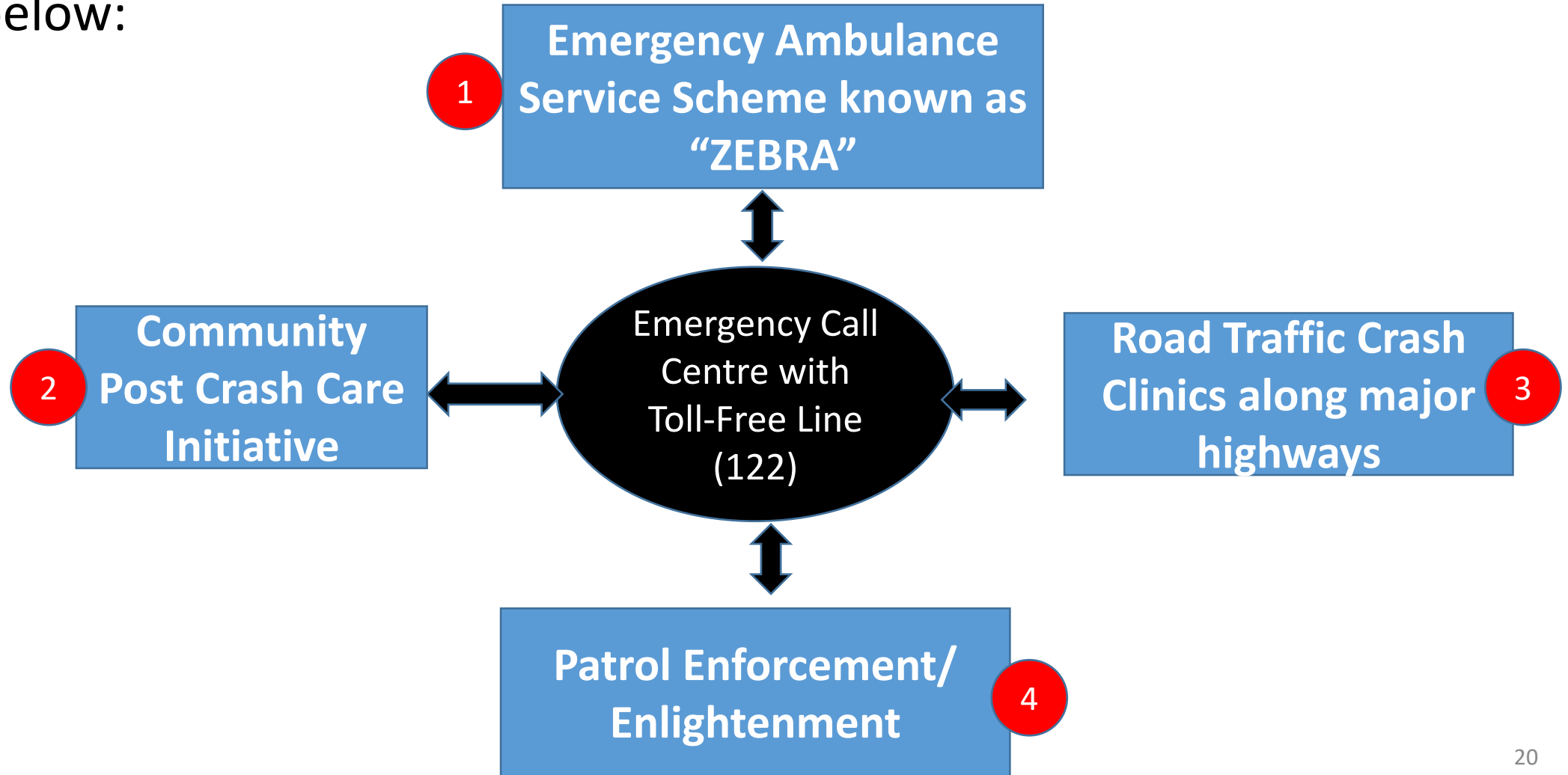
Safe Systems: Human frailties & vulnerabilities highly considered.

Phase	Human Factors	Vehicles and Equipment Factors	Environmental Factors
Pre-crash	Information Attitudes Impairment Police Enforcement	Roadworthiness Lighting Breaking Speed Management	Road design and road layout Speed limits Pedestrian facilities
Crash	Use of restraints Impairments	Occupant restraints Other safety devices Crash-protective design	Crash-protective roadside objects
Post-Crash	First-aid skills Access to medics	Ease of access Fire risk	Rescue facilities Congestion

Haddon Matrix: Emergency preparedness is vital

The Framework of Road Traffic Emergency Response in Nigeria

Road Traffic emergency response in Nigeria is built around a unique architecture as shown below:



The Framework of Road Traffic Emergency Response in Nigeria (Cont'd)

Emergency Ambulance Service Scheme (ZEBRA)

In order to reduce the severity of Road Traffic Crash and impacts, the Federal Road Safety Corps in 2009 came up with a vision of improving Road Traffic Crash Management by establishing FCT Pilot Emergency Ambulance Service Scheme (PEASS) code named “Zebra”.



The Framework of Road Traffic Emergency Response in Nigeria (Cont'd)

Emergency Ambulance Service Scheme (ZEBRA)...ii

The FCT PEASS took off with 4 Ambulance Centres. Through sustenance and improvements, the Scheme has spread to 43 nationwide.



The Framework of Road Traffic Emergency Response in Nigeria (Cont'd)

ZEBRA Expansion and Coverage

S/N	Zebra	Zebra Location	States	CUG NUMBER
1	Zebra 1,	Old Parade Ground Area 10 Garki, Abuja	FCT	08077690898
2	Zebra 2,	Cbd Opposite Federal Secretariat Abuja	FCT	08077690897
3	Zebra 3,	City Gate, Abuja	FCT	08077690896
4	Zebra 4,	Kubwa Road, Abuja	FCT	08077690899
5	Zebra 5,	Keffi By Fly Over, Nassarawa State	Nasarawa	08077690126
6	Zebra 6,	Yangoje, Along Lokoja Road Fct Abuja	FCT	08073374912
7	Zebra 7,	Sabon Wuse, Along Kaduna Road Niger State	NIGER	08056294319
8	Zebra 8,	Giri Junction Along Gwagwalada Zuba Road, Abuja	FCT	08151790087
9	Zebra 9,	Koton Karfe Kogi State	Kogi	08151790088
10	Zebra 10,	Barde Junction Along Jos Road Kaduna State	Kaduna	08151790089
11	Zebra 11,	Mararaban Jama'a Round About Jos	Plateau	08151790090
12	Zebra 12,	Kugbo, Nyanya Road By Karu Fly Over Abuja	Fct	08151790091
13	Zebra 13,	Gegu, Kogi State.	Kogi	08150654679
14	Zebra 14,	Airport Junction Along Bauchi Gombe Road, Gombe State	Gombe	08150654680

The Framework of Road Traffic Emergency Response in Nigeria (Cont'd)

ZEBRA Expansion and Coverage...ii

15	Zebra 15,	Katari, Kaduna State	Kaduna	08150654681
16	Zebra 16,	Abaji, FCT.	FCT	08150654682
17	Zebra 17,	Kudu, Niger State	Niger	08150654683
18	Zebra 18,	Owan Esegie Edo State	Edo	08150654684
19	Zebra 19,	Ipetu Ijesa, Osun State	Osun	08150654685
20	Zebra 20	Owo Junction, Ondo State	Ondo	08150564686
21	Zebra 21	Ilara Mokin Ondo State	Ondo	08150564687
22	Zebra 22	Shuwarin, Jigawa State	Jigawa	08058298541
23	Zebra 23	Air Port Road, Ilorin Kwara State	Kwara	08058298542
24	Zebra 24	Mutum Biyu, Taraba State	Taraba	08058298543
25	Zebra 25	Wole Soyinka FRSC Estate Sign Post, Goshen	Nasarawa	09053976950
26	Zebra 26	Cham , Gombe Satate	Gombe	09053976951
27	Zebra 27	Doka, Kaduna State	Kaduna	09053976952
28	Zebra 28	Jos By-Pass Plateau State	Plateau	09053976953
29	Zebra 29	Alkaleri, Bauchi State	Bauchi	09053976954
30	Zebra 30	Toro/Magama, Bauchi State	Bauchi	09053976955

The Framework of Road Traffic Emergency Response in Nigeria (Cont'd)

ZEBRA Expansion and Coverage...iii

31	Zebra 31	Abakaliki, Ebonyi State	Ebonyi	09053976956
33	Zebra 32	Abakaliki Road Enugu State	Enugu	09053976957
33	Zebra 33	Yahe, Cross River State	C/ River	09053976958
34	Zebra34	Zuba, FCT	FCT	09053976959
35	Zebra 35	Zaria Toll Gate, Kaduna State	Kaduna	09053976960
36	Zebra 36	Chiromawa, Kano State	Kano	09053976961
37	Zebra 37	Ogunmakin, Ogun State	Ogun	09053976962
38	Zebra 38	Zaria Toll Gate, Zaria, Kaduna State	Kaduna	09058611870
39	Zebra 39	Idu Railway Station, FCT.	FCT	09058611871
40	Zebra 40	Alheri Camp, Katari	Kaduna	09058611880
41	Zebra 41	Kaduna Airport	Kaduna	09058611875
42	Zebra 42	State Poly Gate, Jalingo	Taraba	
43	Zebra 43	Kwadon	Gombe	

The Framework of Road Traffic Emergency Response in Nigeria (Cont'd)

National Community Post Crash Care Initiative (NCPCCI)

It was observed that the condition of victims of road crash get worsened through poor handling and care by some First Responders. The FRSC being convinced on this, initiated NCPCCI to communities along critical corridors in Nigeria to acquire skills to enhance post crash care.



NCPCCI...iii

The programme was initiated in 2013 with engagement and partnership building. In 2014 FRSC in collaboration with Shell Petroleum Development Corporation (**SPDC**) enlisted, trained, equipped and deployed 540 volunteers to 27 critical corridors (average of 20 volunteers per corridor) in 13 States of the country under the Pilot Scheme.

Activities at each corridor is supervised by FRSC nearest command (Host Command).

TRAINING OF FIRST RESPONDERS

Training of volunteers was carried out in four (4) centres from 7th and 10th April, 2014 as follows:

Group A: Lagos, Ogun , and Oyo (160 volunteers)-Ibadan centre

Group B: Rivers, Enugu,Delta and Anambra (180 volunteers-Enugu centre

Group C: Bauchi and Gombe (80 volunteers)-Bauchi centre

Group D: Kaduna, Niger & Kogi (120 volunteers)- Minna centre

OUTCOME OF TRAINING OF FIRST RESPONDERS

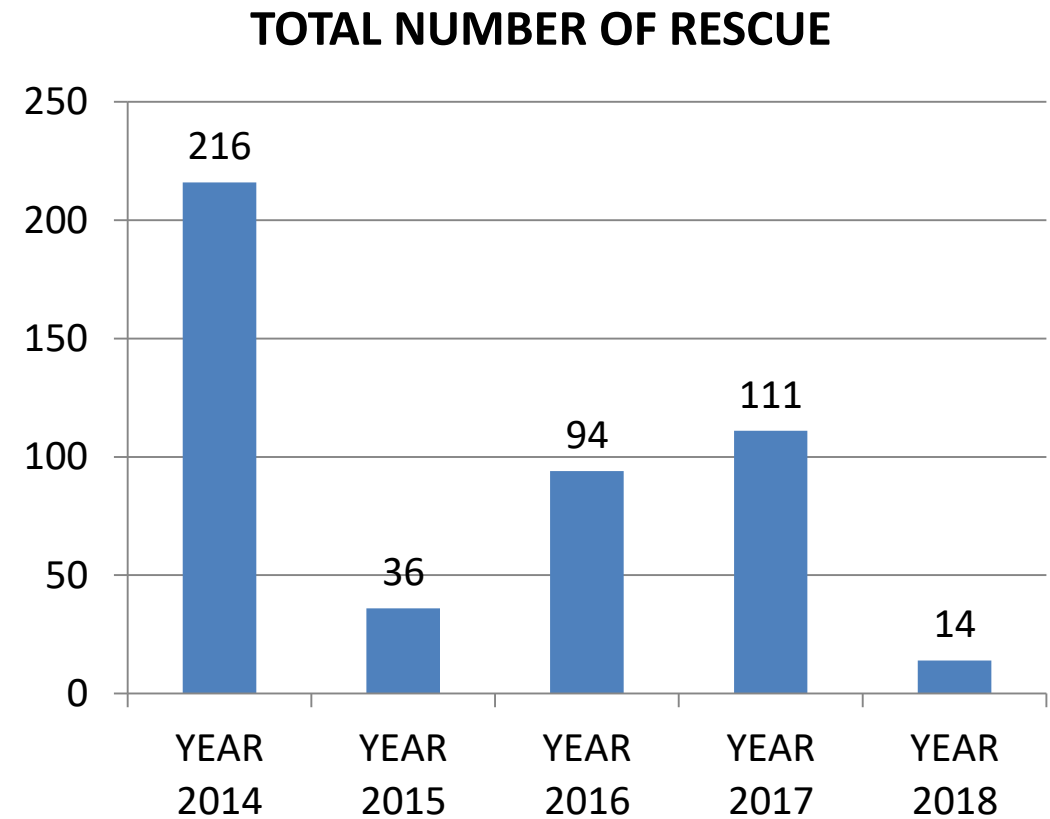


- Carried out 471 rescue missions & saving 2000 lives.
- Promoted community participation in rescue activities.

The Framework FRSC Emergency Preparedness and Response

RESCUE CARRIED OUT BY THE CORRIDORS FROM 2014-2018)

YEAR	No. OF STATES	NO. OF CORRIDORS	NO. OF HOST COMMAND	TOTAL NUMBER RESCUES
2014	13	27	27	216
2015	13	27	27	36
2016	13	27	27	94
2017	13	27	27	111
2018	13	27	27	14
TOTAL				471



The Framework of Road Traffic Emergency Response in Nigeria (Cont'd)

Road Traffic Crash (RTC) Clinics

RTC Clinics were established along crash prone corridors to provide first hand medical assistance to victims of Road Traffic Crash before full medical care at the nearest hospital.

RTC clinics also provide basic primary health care services to host communities along the critical corridors.



The Framework of Road Traffic Emergency Response in Nigeria (Cont'd)

RTC Clinics: Coverage and Locations

Currently, there are 29 RTC clinics spread all over the country to complement emergency and rescue services.

S/N	RTC Clinics	Supervising Command	Location
1	Kakau	RS1.16	Kaduna Toll Gate
2	Brinin Yero	RS1.17	Along Zaria Road
3	Chironmawa	RS1.25	Zaria Road Chironmawa
4	Koza	RS1.33	20 Bypass Kurobi Koza
5	Itori	RS2.2	Berger Bus Stop Abeokuta/Lagos Ibadan Expressway
6	Sagamu	RS2.25	Km 65 Sagamu Interchange Lagos Ibadan Expressway
7	Girei	RS3.13	Opp University Gieri
8	Hawan Kibo	RS4.13	Hawan Kibo Town
9	Kastina Ala	RS4.23	K/Ala Town

The Framework of Road Traffic Emergency Response in Nigeria (Cont'd)

RTC Clinics: Coverage and Locations...ii

10	Aliade	RS4.24	Aliade Town
11	Shabu	RS4.3	Shabu Town
12	Oluku	RS5.12	Oluku By-Pass
13	I/Uku	RS5.23	Benin Asaba Expressway
14	Nteje	RS5.33	Nteje
15	Bori	RS6.14	Bori Town
16	Abaji	RS7.12	Abaji Town
17	Mokwa	RS7.21	Mokwa Local Govt. Pry Health Care
18	Bode Saadu	RS8.11	Secretariat Road B/Road
19	Omu-Aran	RS8.12	Ilorin Kabba Road
20	Olooru	RS8.15	Olooru Junction
21	Zariagi	RS8.34	Obajana Junction, Zariagi
22	Km 78 Aba	RS9.32	Old Tollgate Aba

The Framework of Road Traffic Emergency Response in Nigeria (Cont'd)

RTC Clinics: Coverage and Locations...iii

23	Talata Mafara	RS10.31	Lambamakura Road
24	Ilesha	RS11.12	Akure – Ilesha highway
25	Ilesha/Ijesha	RS11.13	Along Akure Ilesha Highway
26	Moinak	RS12.12	Moinak Town
27	Alkaleri	RS12.13	Alkaleri-Gombe Road
28	Mahunifashi	RS1.34	Katsina State
29	Ilorin	RS8.1	Kwara State

The Framework of Road Traffic Emergency Response in Nigeria (Cont'd)

Patrol Enforcement & Enlightenment

Through cautions and continuous advisory services like Free Vehicle Safety checks as well as an expanded approached on public enlightenment, preventable crashes have been achieved.



The Framework of Road Traffic Emergency Response in Nigeria (Cont'd)

Emergency Call Centre

The FRSC Call Centre coordinates road distress responses and fast-track communications toward improved post-crash care and road stressor alleviation.



Emergency Call Centre...ii

The Emergency Call Centre operates a 24/7 Toll-free service on 122 received and responds to calls from members of the public on road emergencies nationwide.

The FRSC Call Centre has received and responded to various calls on road traffic crash, traffic congestions, enquiries, complaints and other information

The Framework of Road Traffic Emergency Response in Nigeria (Cont'd)

To underscore the Corps Scorecard on Emergency Preparedness and Response, it is worthy to note that the Corps has been a key player at responding to national emergencies in partnership with the National Emergency Management Agency (NEMA) in cases like, bomb blast, plane crash, building collapse, etc and as such no singular scorecard may suitably represent FRSC overall contributions.



The Framework of Road Traffic Emergency Response in Nigeria (Cont'd)

Summary of Responses to National Emergency Calls through the FRSC Call Centre (2015-2018)

YEARS	CRASHES	TRAFFIC CONGESTIONS	ENQUIRIES	COMPLAINTS	INFORMATION	OTHER INCIDENTS
2015	2526	273	6202	550	239	523
2016	2660	236	7896	490	337	418
2017	3103	288	12464	211	216	637
2018	3671	292	10867	5282	455	477
TOTAL	11960	1089	37429	6533	1247	2055

The Framework of Road Traffic Emergency Response in Nigeria (Cont'd)

Summary of Persons Rescued Alive from RTC Scenes in Nigeria(2011-2018)

Year	Total Number of Persons Involved in RTC's	Total Number of Persons Killed in RTC's	Total Number of Persons Rescued Alive from RTC's
2018	71,193	5,181	66,012
2017	66,998	5,121	61,877
2016	65,469	5,053	60,416
2015	64,394	5,440	58,954
2014	64,916	5,996	58,920
2013	79,744	6,544	73,200
2012	80,185	6,092	74,093
2011	81,927	6,054	75,873

The Capacity of Healthcare Delivery In Nigeria

The Capacity of Healthcare Delivery In Nigeria



Nigeria is a lower middle-income country with a population of 174 million and a Gross Domestic Product (GDP) of 522 billion US dollars. Nigeria is a Federation of 36 States and a Federal Capital Territory.

There are 774 local government areas (LGAs) across the country. The health care system is largely public sector driven, but there is substantial private sector involvement in the provision of health services.

As at 2012 there were more than 34,000 health facilities, 66% of which were owned by the three tiers of Government (Federal, State, and LGAs).

The Capacity of Healthcare Delivery In Nigeria (Cont'd)



The secondary and tertiary level health facilities are mostly found in urban areas, whereas rural areas are predominantly served by Primary Health Care (PHC) facilities.

The Federal Government owns many of the tertiary level health facilities as well as some secondary health facilities which are operated by Federal agencies

Each State hosts at least one Federal-owned tertiary health facility. Most of the publicly owned secondary health facilities are owned by the States.

Funding of Healthcare Systems In Nigeria

Funding of Healthcare Services In Nigeria

Health care in Nigeria is poorly funded. Government expenditure on health as a percentage of total government expenditure was an average of 7.2% from 2008 to 2012



Source: www.ncbi.nlm.nih.gov

The Effect of Insecurity on Health Care Delivery In Nigeria

Nigeria in recent time is faced with security challenges ranging from

- Boko Haram insurgency,
- Armed robbery/banditry,
- Kidnapping,
- Herdsmen attack,
- Cattle rustlers to mention but a few.



GENERAL INSECURITY SITUATIONS AFFECTING HEALTHCARE DELIVERY/COVERAGE cont..

Each region in Nigeria is faced with one peculiar security challenge or the other.



SECURITY EFFORTS IN PROVIDING HEALTHCARE SERVICES IN NIGERIA

In many instances there must be a combined efforts of Security agencies to provide access for healthcare providers to needed areas through patrols and escort services.



Key Challenges to Emergency Responders In Healthcare Delivery

Paucity of Funds

Managing the affairs of Post crash care and Emergency Responses are capital intensive.



Adequate funding is needed to drive the entire process including monitoring and evaluation processes.

There is need to ensure consistent **training and retraining** of the first responders on first aid handling and other medical emergencies.



Inadequate Equipment

- Equipment are necessary to carry out effective rescue emergency responders along the identified critical corridors in the country.

Inadequate equipment translates to ineffectiveness and more lives are lost than saved as a result.



Limitations of certain beliefs have had negative effects on emergence responses especially where such beliefs do not have medical or scientific backgrounds.



Lack of Synergy/Inter-Agency Collaboration

The harmonious synergy required to achieve a coordinated common goal in times of emergencies between Security Agencies in Nigeria is not adequate enough.



Organizational score points are most times pursued ahead of national interest.

- The involvement of untrained/incompetent first responders at emergency scenes is a concern.

- The proliferation of **fake Drugs** in the country is also at an alarming rate.



- The management of the activities of bystanders in the country is a serious concern.
- In many instances, poor handling of victims worsens the situation which may eventually leads to avoidable death.

The commitment by the government in providing good healthcare delivery and services in the country cannot be over-emphasised.

Nigeria in recent times has experienced a lot of security challenges which resulted in the destruction and wanton losses of many lives.

Inasmuch as some of the security challenges stem from dimensions difficult to predict, emergence responses and responders must step up their mechanisms to minimize the effects on human lives and general wellbeing of the society.

For Nigeria as a nation be able to provide Universal Healthcare Coverage and ensure Human Security which is defined as protecting the vital core of all human lives in ways that enhance human freedoms and human fulfilment, all hand must be on deck.



On this wise,

- There should be a compacted synergy between all agencies of government.
- Funding for health sector should also be given the priority it deserved.
- Government should put an effective machinery to checkmate the excesses of drug barons in the country who engage in supplying fake/sub-standard drugs in the country.



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