

**TACKLING HIGH DEATH
THRESHOLD CRASHES IN
NIGERIA - ANALYSING 6DTs
FROM 2015 TO DATE**

**A PRESENTATION TO THE
FRSC TOP MANAGEMENT
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Introduction

Road Traffic Crash is among the leading causes of death and life-long disability. It has been an incessant occurrence which is seen as an increased burden on economic development. The purpose of this analysis is to examine the trend of crashes for death threshold of 6 and above which is shown in this report with tables and charts explaining the trend of crashes, fatalities, time and day of the crashes.

State Analysis

Analysis revealed that in Year 2015, 123 cases of 6DT leading to death of 1113 victims were recorded with Kogi State recording the highest death threshold with 12 cases and 98 deaths followed by Yobe with 8 cases and 92 death, Kaduna with 8 cases and 62 deaths and Ogun State with 7 and 59 cases respectively.

Subsequently in Year 2016, 136 cases of 6DT were recorded with total deaths of 1248. Oyo State had 12 cases and 115 deaths, Bauchi with 12 cases and 107 deaths while Kaduna had 11 cases with 101 deaths. Between January and February 2017, total of 15 cases and 269 deaths were recorded.

Time of the Day Analysis

Generally, it was revealed that majority of the crashes occurred during the peak period of the day that is, between 1200-1459hrs and 1500-1759hrs.

❖ In, 2015 the period 1200-1459hrs recorded the highest with 28 6DT cases.

❖ Year 2016 also had similar record with the period 1500-1759hrs having the highest with 29 6DT cases.

❖ The period 1200-1459hrs recorded the highest with 6 cases between January and February 2017.

❖ On the whole the period 1200-1459hrs accounted for 21% of the total cases followed by 1500-1759hrs with 20% and 0900-1159hrs representing 16%.

Day of the Week Analysis

❖ In 2015 and 2016 respectively, Sunday was the most prevalent day with records of 25 and 26 cases followed by Friday with 23 and 25 cases.

❖ Between January and February 2017, Friday was the most prevalent day with 4 cases while Sunday, Tuesday, Wednesday, Thursday and Saturday all recorded 3 cases each except for Monday that had 1 case.

Route Analysis

❖ It was revealed that in Year 2015, Abuja-Lokoja road was the most prevalent route with 10 cases (Gegu-Abaji section recorded 4 cases) while Lagos-Ibadan ranked second with 6 cases.

❖ Furthermore, in 2016 Lagos-Ibadan road recorded highest with 8 cases followed by Abuja-Lokoja with 7 cases where Gegu-Abaji section also recorded highest with 3 cases.

❖ Between January and February 2017, all 19 routes recorded 1 case each.

Findings

- ❖ Year 2016 recorded the highest 6DT crashes and deaths respectively with 136 cases and 1248 deaths.
- ❖ Kaduna and Kogi States recorded highest 6DT crashes each with 20 cases each and deaths with 196 and 185 respectively followed by Bauchi State with 18 crashes and 116 deaths while Ogun and Oyo States also recorded relatively high crashes with 17 cases each with 156 and 161 deaths respectively.
- ❖ It was observed that peak period of the day (1200-1459hrs and 1500-1759hrs) were the most prevalent periods of crashes with 58 and 55 cases respectively which is an indication that fatigue sets in when motorists drive beyond 4hrs.

❖ Also, Sunday was revealed to be the most prevalent day of 6DT crashes followed by Friday with 54 and 52 cases respectively indicating that most road users ply the road during weekends.

❖ Route analysis shows that Abuja-Lokoja road is the most prevalent with total of 17 cases while Lagos-Ibadan followed with 15 cases.

❖ Speed Violation (SPV) accounted for the most prevalent causes of crashes, an indication that increase in average speed is directly related to both the likelihood of a crash occurring and to the severity of the consequences of the crash.

Recommendations

- ❖ Attention of the Management and Commands should be drawn to the roads with high fatalities which are Abuja-Lokoja, Lagos-Ibadan, Ilesha-Ipetu Ijesa and Kaduna-Abuja, Oyo-Ibadan, Ogbomosho-Oyo, Ilorin-Ogomosho and Doka-Kaduna.
- ❖ The Management should also draw the attention of the Commands (Kaduna, Kogi, Bauchi, Oyo, Ogun, Yobe and Katsina) with high death threshold in order to intensify on their operations.
- ❖ Proper attention needs to be drawn to the time and day of crashes to further enhance decision making.

❖ Patrol activities should be well planned for these days to achieve positive and maximum result.

❖ Public Enlightenment and Education to be intensified by sharing information on risks and how to reduce these risks.

❖ Further investigation needs to be conducted on some of the crashes along the identified routes (Abuja-Lokoja, Lagos-Ibadan, Ilesha-Ipetu Ijesa and Kaduna-Abuja) to establish any relationship between the crashes and road infrastructure.

2015 6DT CRASHES AND FATALITIES ON STATE BASIS TABLE 1

TABLE 1

STATE	TOTAL 6DT	TOTAL DEATH
ABIA	1	9
ADAMAWA	0	0
AKWA IBOM	0	0
ANAMBRA	5	78
BAUCHI	6	59
BAYELSA	1	5
BENUE	1	7
BORNO	0	0
CROSS RIVER	5	43
DELTA	3	30
EBONYI	5	50
EDO	3	22
EKITI	0	0
ENUGU	1	6
FCT	6	45
GOMBE	1	6
IMO	0	0
JIGAWA	3	23
KADUNA	8	62
KANO	3	30
KATSINA	3	30
KEBBI	6	41
KOGI	12	98
KWARA	3	33
LAGOS	0	0
NASARAWA	3	17
NIGER	5	40
OGUN	7	59
ONDO	4	46
OSUN	6	61
OYO	4	28
PLATEAU	1	6
RIVERS	2	19
SOKOTO	1	6
TARABA	0	0
YOBE	8	92
ZAMFARA	6	62
TOTAL	123	1113

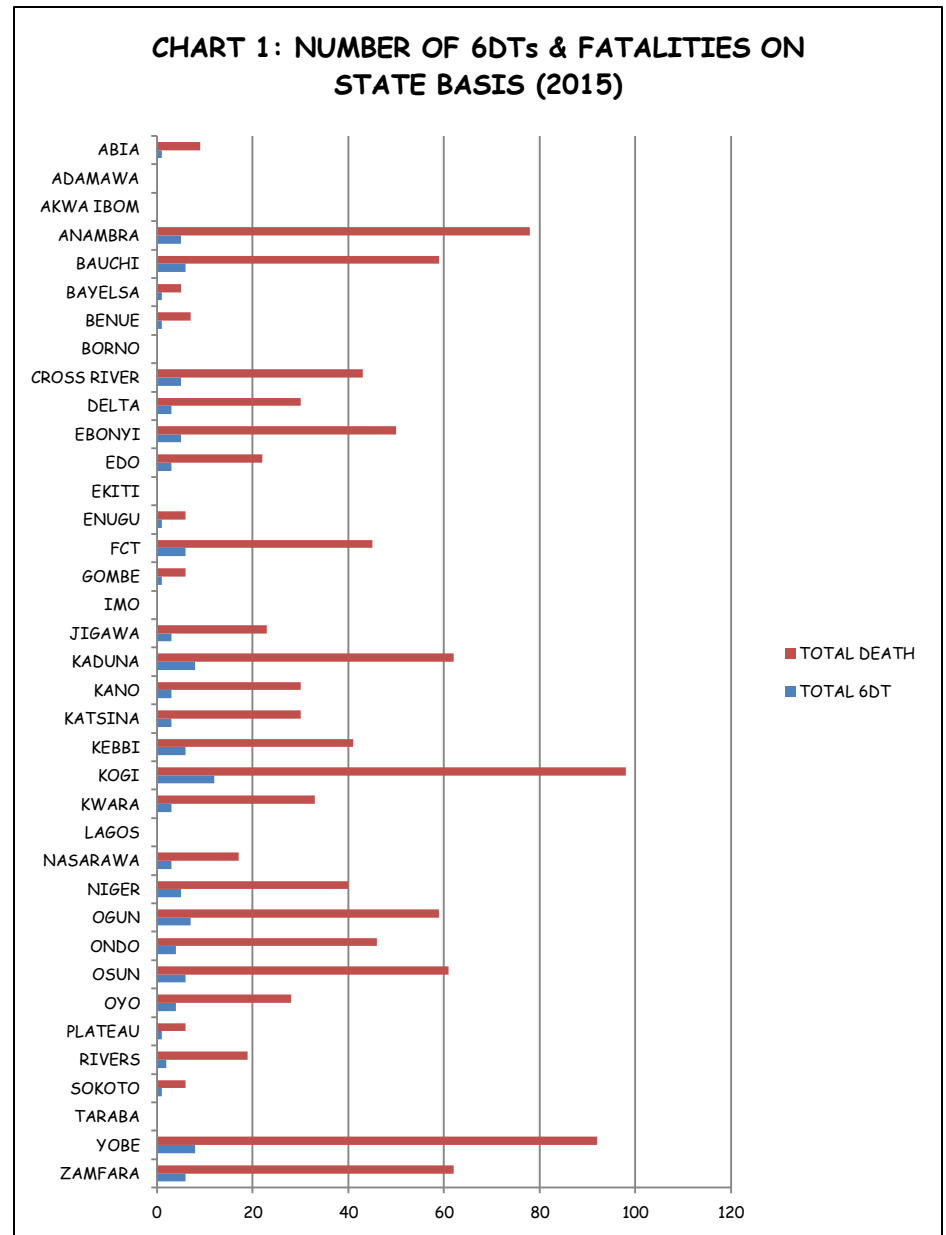


TABLE 2

PREVALENT TIME (2015)	
0000-0259HRS	3
0300-0559HRS	14
0600-0859HRS	10
0900-1159HRS	21
1200-1459HRS	28
1500-1759HRS	25
1800-2059HRS	18
2100-1159HRS	4

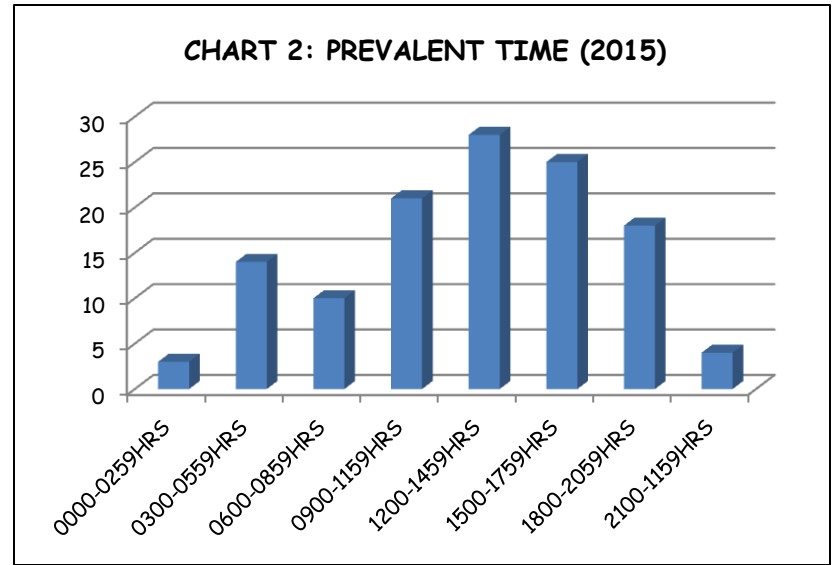


TABLE 3

PREVALENT DAYS (2015)	
SUN	25
MON	13
TUE	15
WED	18
THU	16
FRI	23
SAT	13

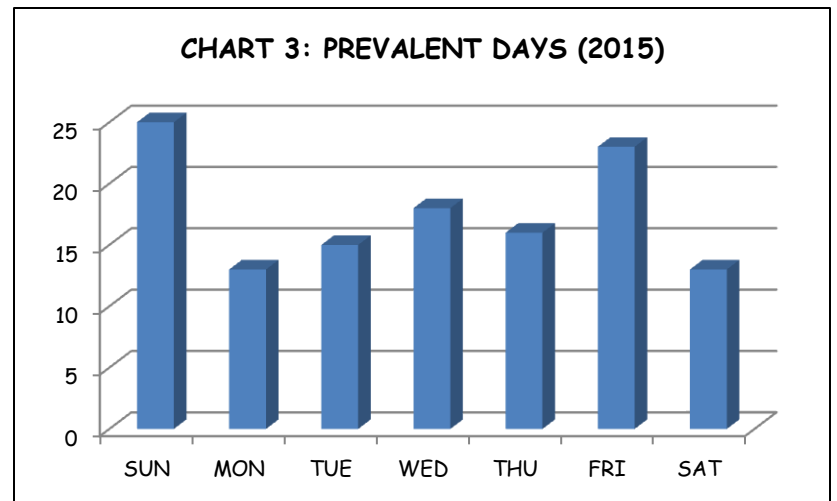
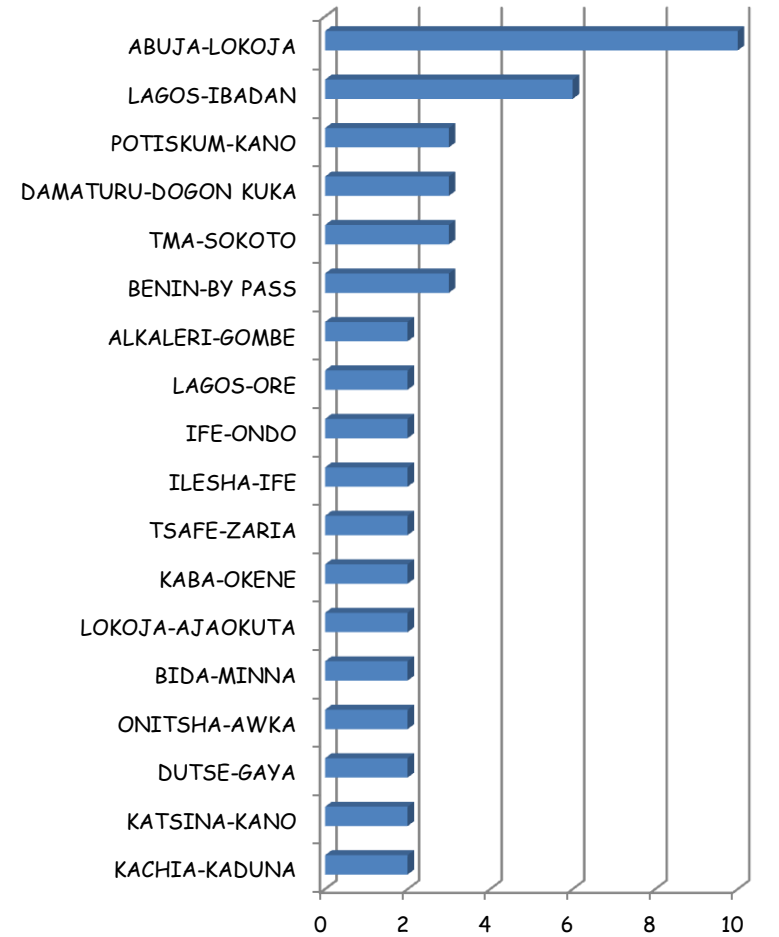


TABLE 4

PREVALENT ROUTES (2015)	
ABUJA-LOKOJA	10
LAGOS-IBADAN	6
BENIN-BY PASS	3
TMA-SOKOTO	3
DAMATURU-DOGON KUKA	3
POTISKUM-KANO	3
KACHIA-KADUNA	2
KATSINA-KANO	2
DUTSE-GAYA	2
ONITSHA-AWKA	2
BIDA-MINNA	2
LOKOJA-AJAOKUTA	2
KABA-OKENE	2
TSAFE-ZARIA	2
ILESHA-IFE	2
IFE-ONDO	2
LAGOS-ORE	2
ALKALERI-GOMBE	2

CHART 4: PREVALENT ROUTES (2015)

2016 6DT CRASHES AND FATALITIES ON STATE BASIS

TABLE 5

STATE	TOTAL 6DT	TOTAL DEATH
ABIA	1	13
ADAMAWA	0	0
AKWA IBOM	1	6
ANAMBRA	1	6
BAUCHI	12	107
BAYELSA	0	0
BENUE	3	25
BORNO	3	47
CROSS RIVER	1	6
DELTA	3	32
EBONYI	1	9
EDO	1	8
EKITI	1	6
ENUGU	3	30
FCT	3	27
GOMBE	6	79
IMO	1	6
JIGAWA	4	26
KADUNA	11	101
KANO	2	18
KATSINA	7	73
KEBBI	2	16
KOGI	8	87
KWARA	2	13
LAGOS	3	30
NASARAWA	2	14
NIGER	5	48
OGUN	9	80
ONDO	6	51
OSUN	7	57
OYO	12	115
PLATEAU	3	22
RIVERS	1	10
SOKOTO	2	16
TARABA	0	0
YOBE	6	46
ZAMFARA	3	18
TOTAL	136	1248

CHART 5: NUMBER OF 6DTs & FATALITIES ON STATE BASIS (2016)

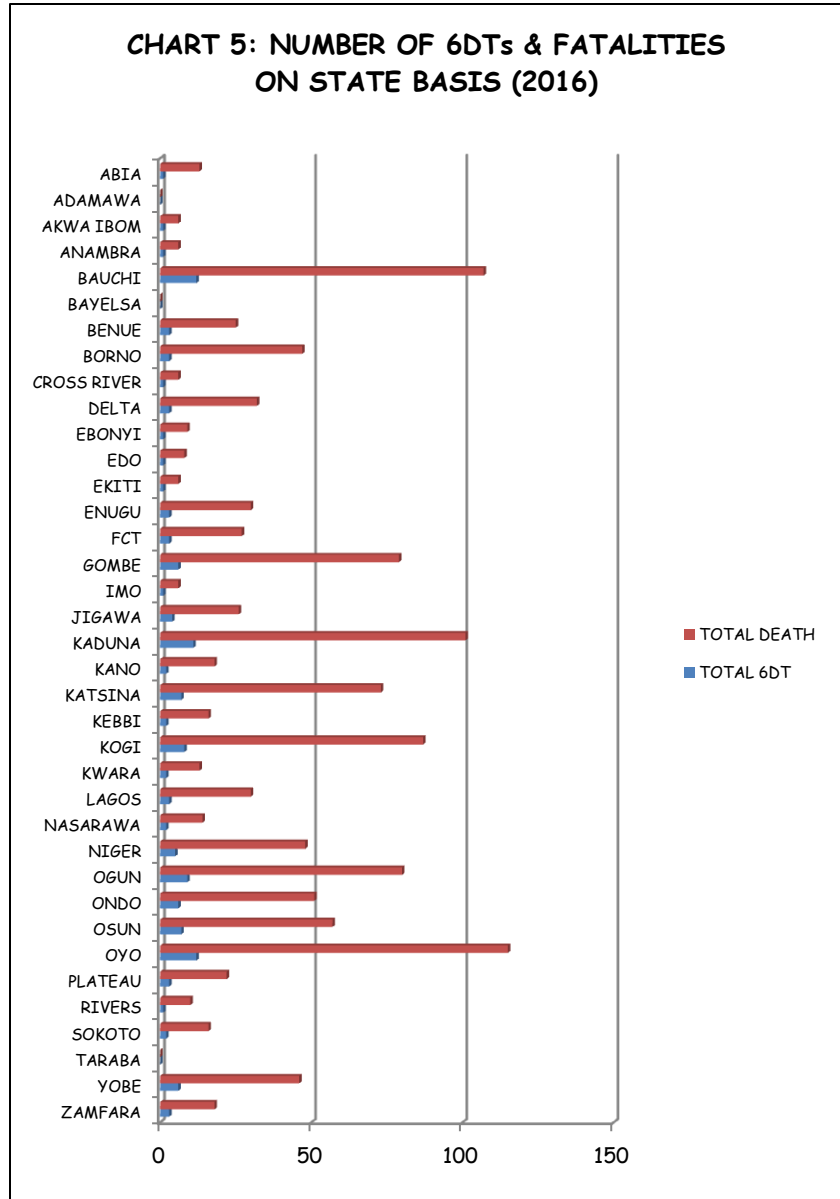


TABLE 5

PREVALENT TIME (2016)	
0000-0259HRS	5
0300-0559HRS	16
0600-0859HRS	14
0900-1159HRS	22
1200-1459HRS	24
1500-1759HRS	29
1800-2059HRS	17
2100-1159HRS	9

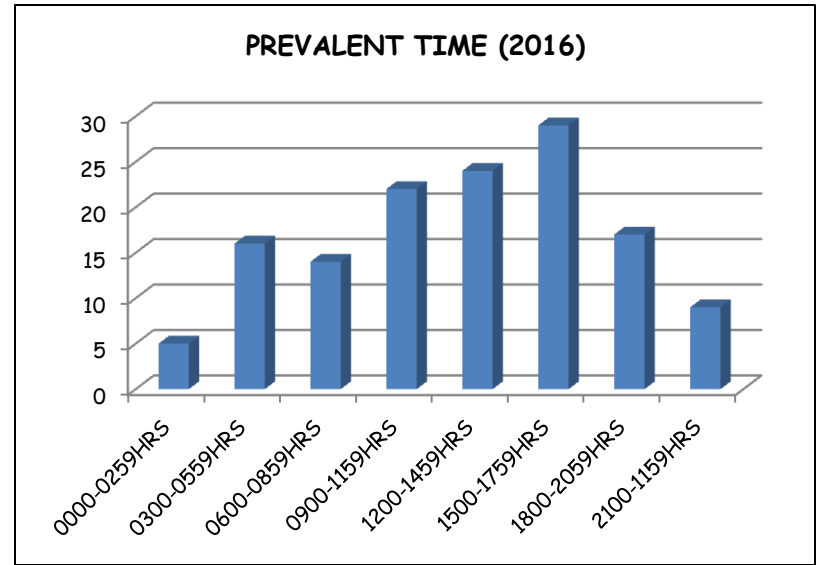
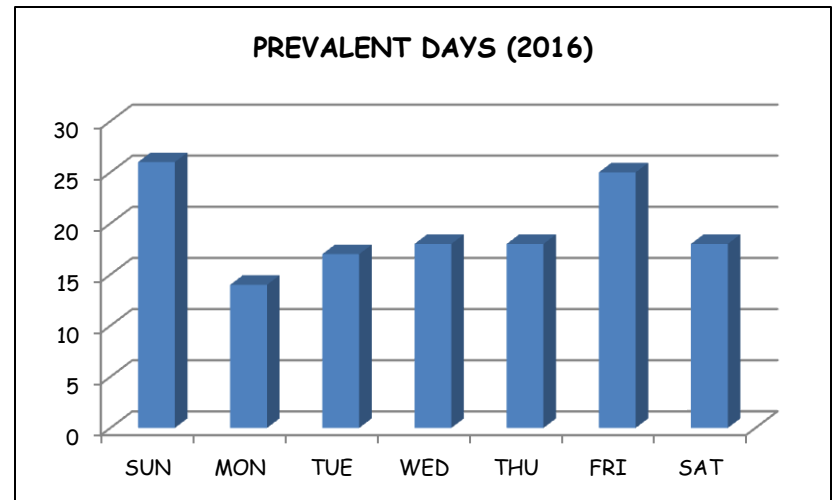
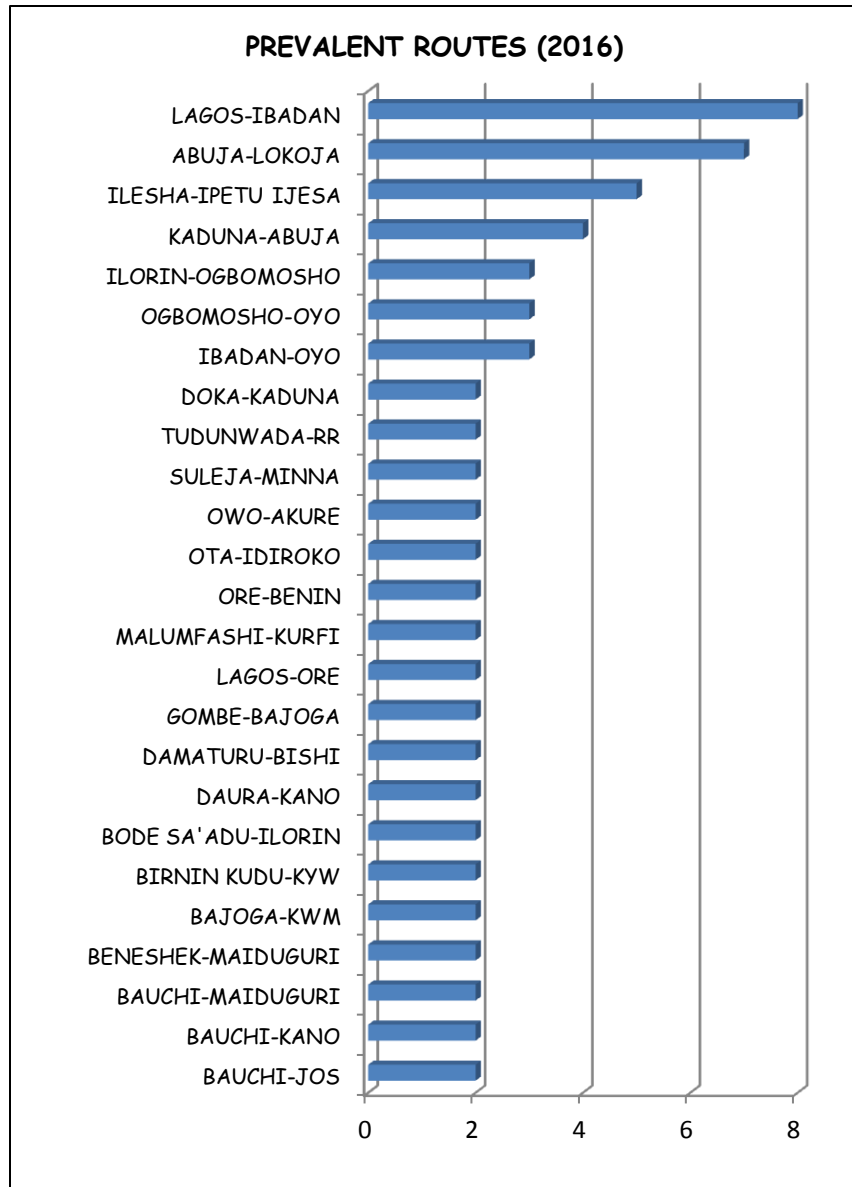


TABLE 5

PREVALENT DAYS (2016)	
SUN	26
MON	14
TUE	17
WED	18
THU	18
FRI	25
SAT	18

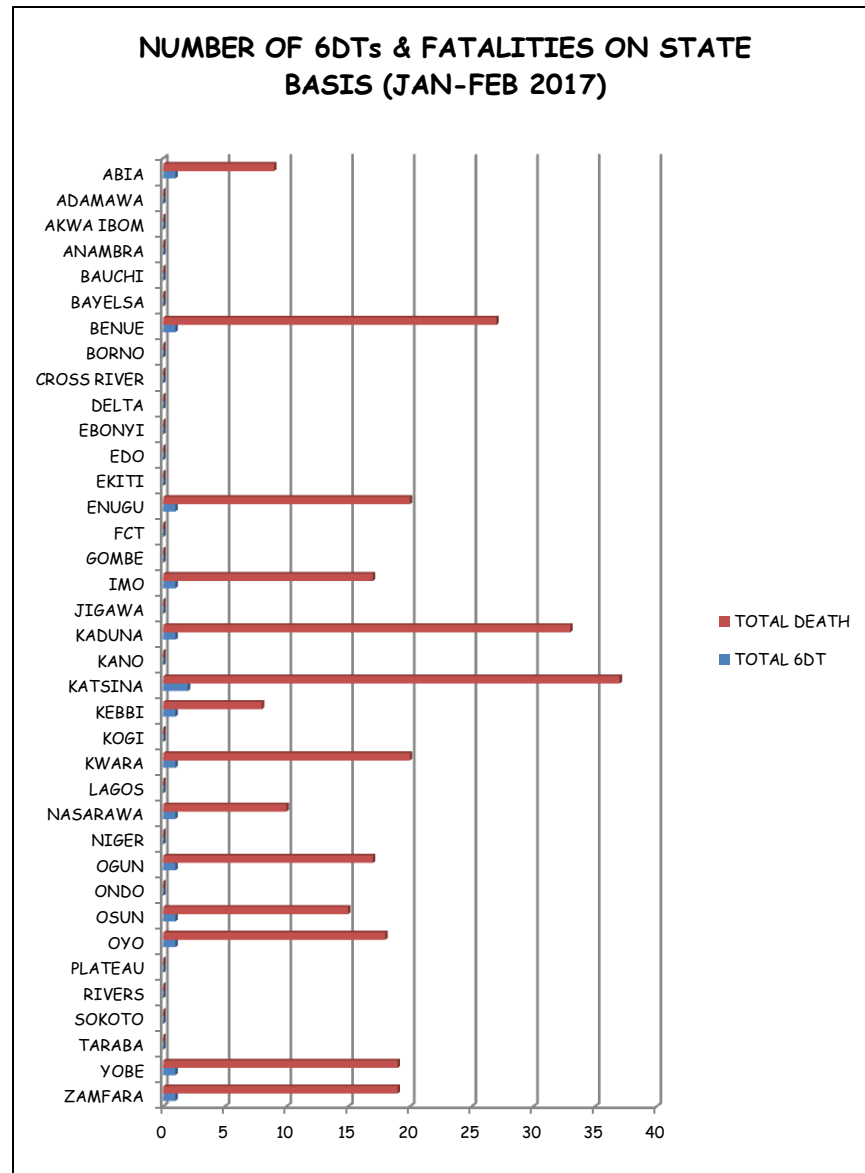


PREVALENT ROUTES (2016)	
LAGOS-IBADAN	8
ABUJA-LOKOJA	7
ILESHA-IPETU IJESA	5
KADUNA-ABUJA	4
IBADAN-OYO	3
OGBOMOSHO-OYO	3
ILORIN-OGBOMOSHO	3
BAUCHI-JOS	2
BAUCHI-KANO	2
BAUCHI-MAIDUGURI	2
BENESHEK-MAIDUGURI	2
BAJOGA-KWM	2
BIRNIN KUDU-KYW	2
BODE SA' ADU-ILORIN	2
DAURA-KANO	2
DAMATURU-BISHI	2
GOMBE-BAJOGA	2
LAGOS-ORE	2
MALUMFASHI-KURFI	2
ORE-BENIN	2
OTA-IDIROKO	2
OWO-AKURE	2
SULEJA-MINNA	2
TUDUNWADA-RR	2
DOKA-KADUNA	2

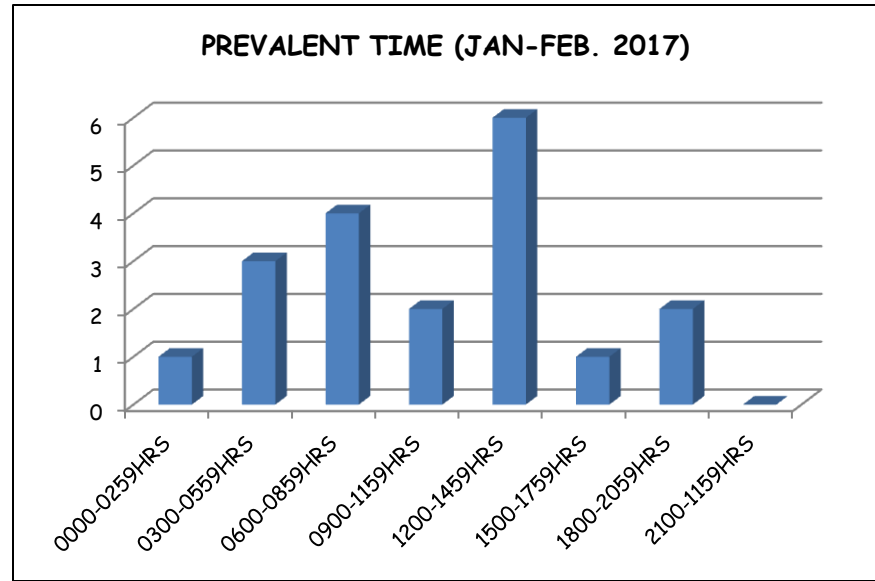


JAN-FEB 2017 6DT CRASHES AND FATALITIES ON STATE BASIS

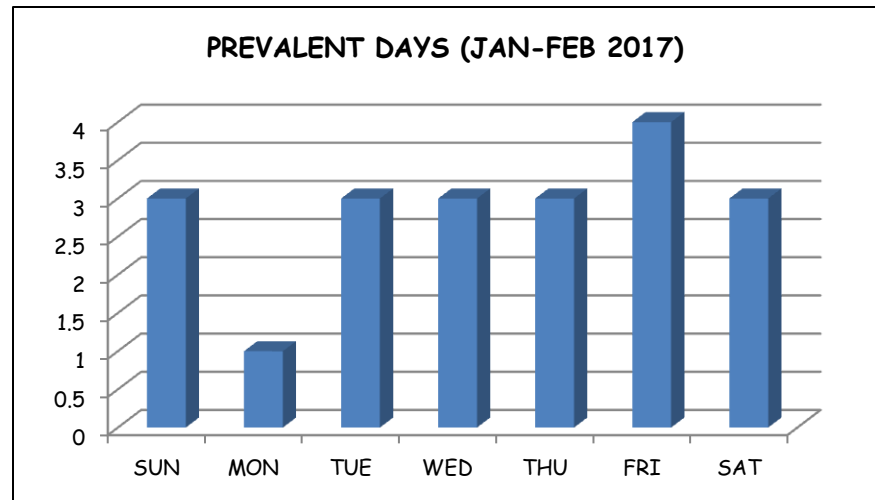
STATE	TOTAL 6DT	TOTAL DEATH
ABIA	1	9
ADAMAWA	0	0
AKWA IBOM	0	0
ANAMBRA	0	0
BAUCHI	0	0
BAYELSA	0	0
BENUE	1	27
BORNO	0	0
CROSS RIVER	0	0
DELTA	0	0
EBONYI	0	0
EDO	0	0
EKITI	0	0
ENUGU	1	20
FCT	0	0
GOMBE	0	0
IMO	1	17
JIGAWA	0	0
KADUNA	1	33
KANO	0	0
KATSINA	2	37
KEBBI	1	8
KOGI	0	0
KWARA	1	20
LAGOS	0	0
NASARAWA	1	10
NIGER	0	0
OGUN	1	17
ONDO	0	0
OSUN	1	15
OYO	1	18
PLATEAU	0	0
RIVERS	0	0
SOKOTO	0	0
TARABA	0	0
YOBE	0	0
ZAMFARA	1	19
TOTAL	15	269



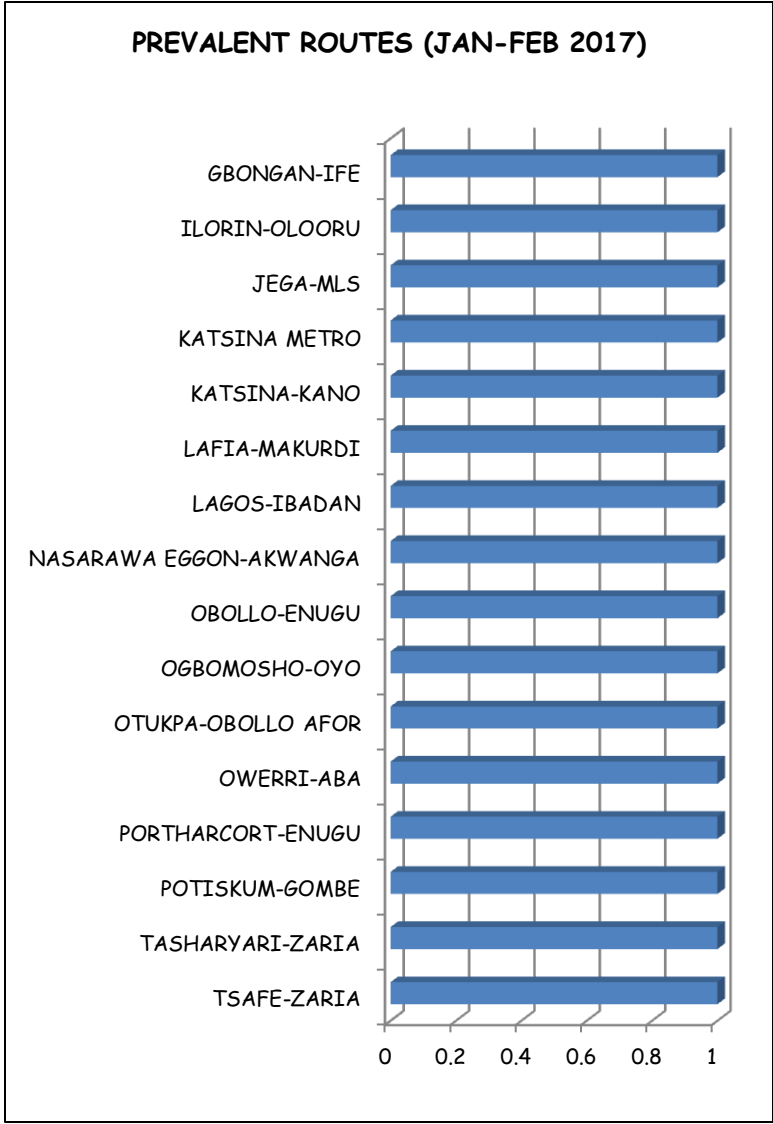
PREVALENT TIME (JAN-FEB 2017)	
0000-0259HRS	1
0300-0559HRS	3
0600-0859HRS	4
0900-1159HRS	2
1200-1459HRS	6
1500-1759HRS	1
1800-2059HRS	2
2100-1159HRS	0



PREVALENT DAYS (JAN-FEB 2017)	
SUN	3
MON	1
TUE	3
WED	3
THU	3
FRI	4
SAT	3

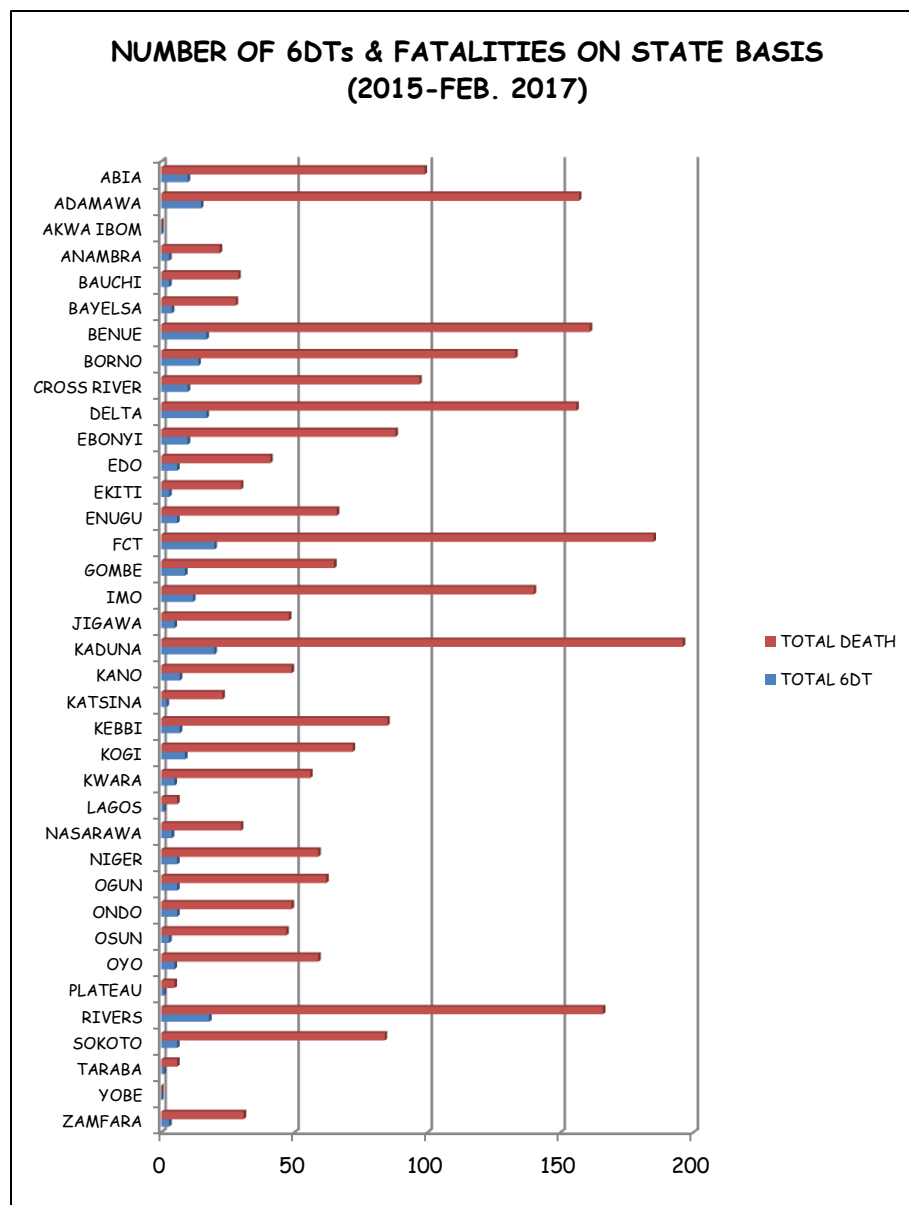


PREVALENT ROUTES (JAN-FEB 2017)	
GBONGAN-IFE	1
ILORIN-OLOORU	1
JEGA-MLS	1
KATSINA METRO	1
KATSINA-KANO	1
LAFIA-MAKURDI	1
LAGOS-IBADAN	1
NASARAWA EGGON-AKWANGA	1
OBOLLO-ENUGU	1
OGBOMOSHO-OYO	1
OTUKPA-OBOLLO AFOR	1
OWERRI-ABA	1
PORTHARCORT-ENUGU	1
POTISKUM-GOMBE	1
TASHARYARI-ZARIA	1
TSAFE-ZARIA	1

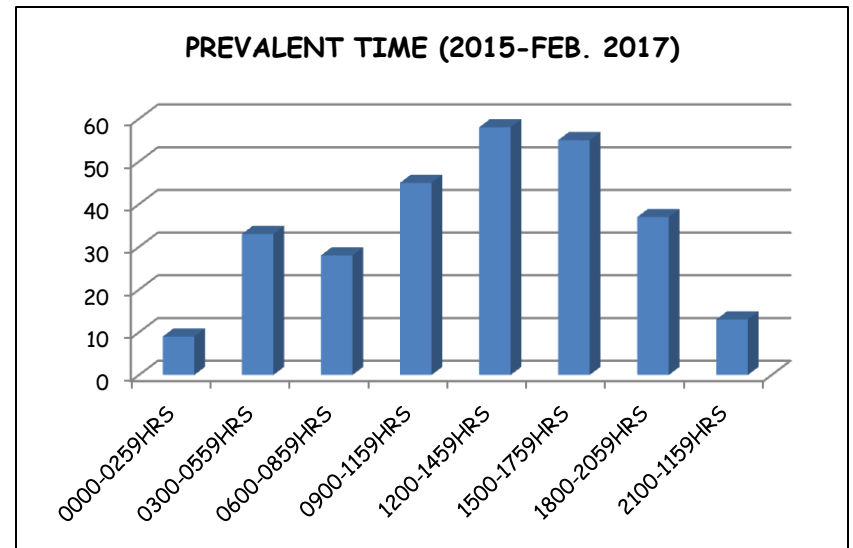


ANALYSIS OF 6DTs AND FATALITIES (2015 – FEB. 2017)

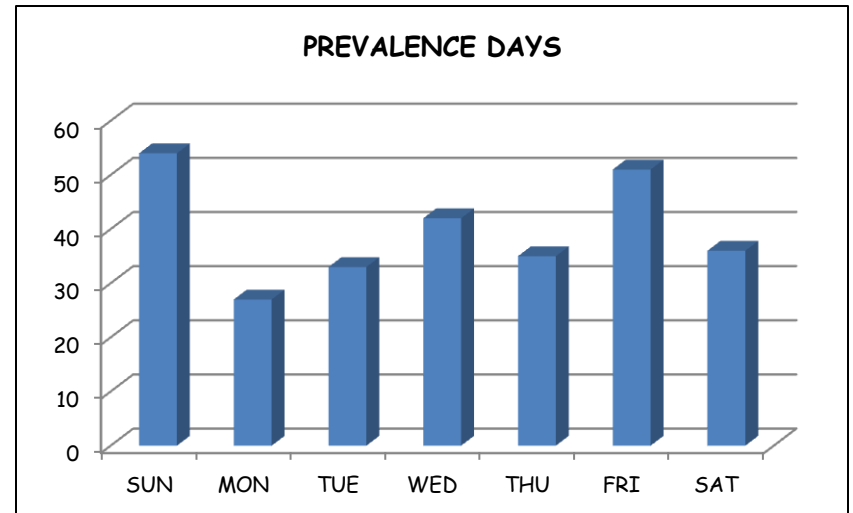
STATE	TOTAL 6DT	TOTAL DEATH
ABIA	3	31
ADAMAWA	0	0
AKWA IBOM	1	6
ANAMBRA	6	84
BAUCHI	18	166
BAYELSA	1	5
BENUE	5	59
BORNO	3	47
CROSS RIVER	6	49
DELTA	6	62
EBONYI	6	59
EDO	4	30
EKITI	1	6
ENUGU	5	56
FCT	9	72
GOMBE	7	85
IMO	2	23
JIGAWA	7	49
KADUNA	20	196
KANO	5	48
KATSINA	12	140
KEBBI	9	65
KOGI	20	185
KWARA	6	66
LAGOS	3	30
NASARAWA	6	41
NIGER	10	88
OGUN	17	156
ONDO	10	97
OSUN	14	133
OYO	17	161
PLATEAU	4	28
RIVERS	3	29
SOKOTO	3	22
TARABA	0	0
YOBE	15	157
ZAMFARA	10	99
TOTAL	274	2630



PREVALENT TIME (2015-FEB 2017)	
0000-0259HRS	9
0300-0559HRS	33
0600-0859HRS	28
0900-1159HRS	45
1200-1459HRS	58
1500-1759HRS	55
1800-2059HRS	37
2100-1159HRS	13



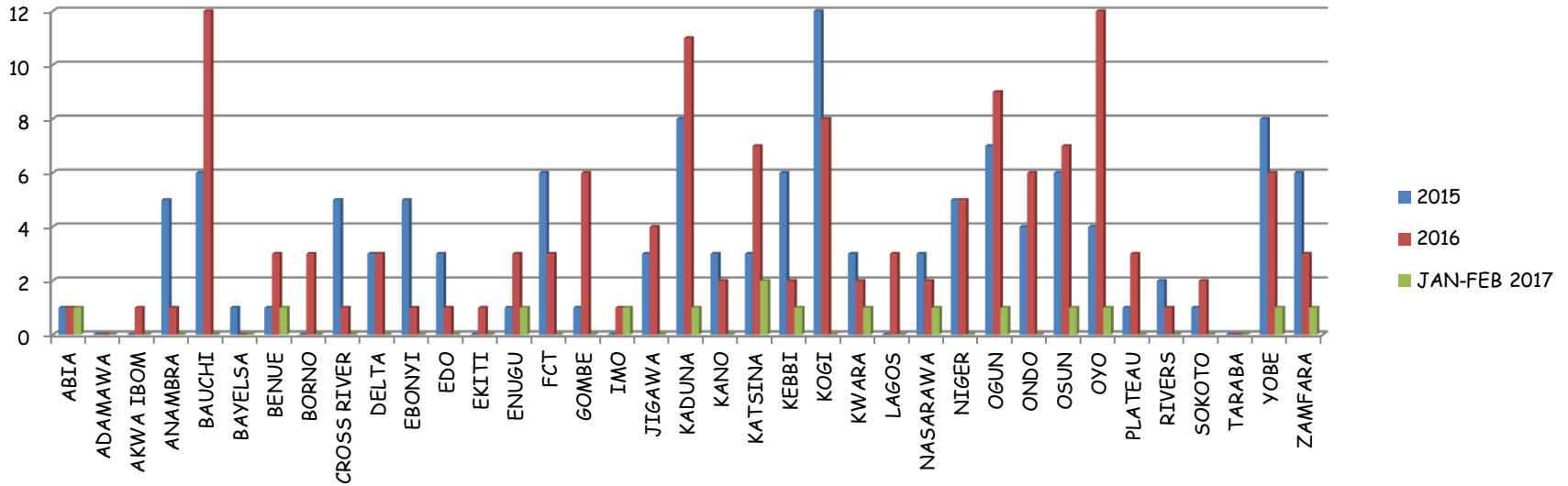
PREVALENCE DAYS (2015-FEB.2017)	
SUN	54
MON	28
TUE	35
WED	39
THU	37
FRI	52
SAT	34



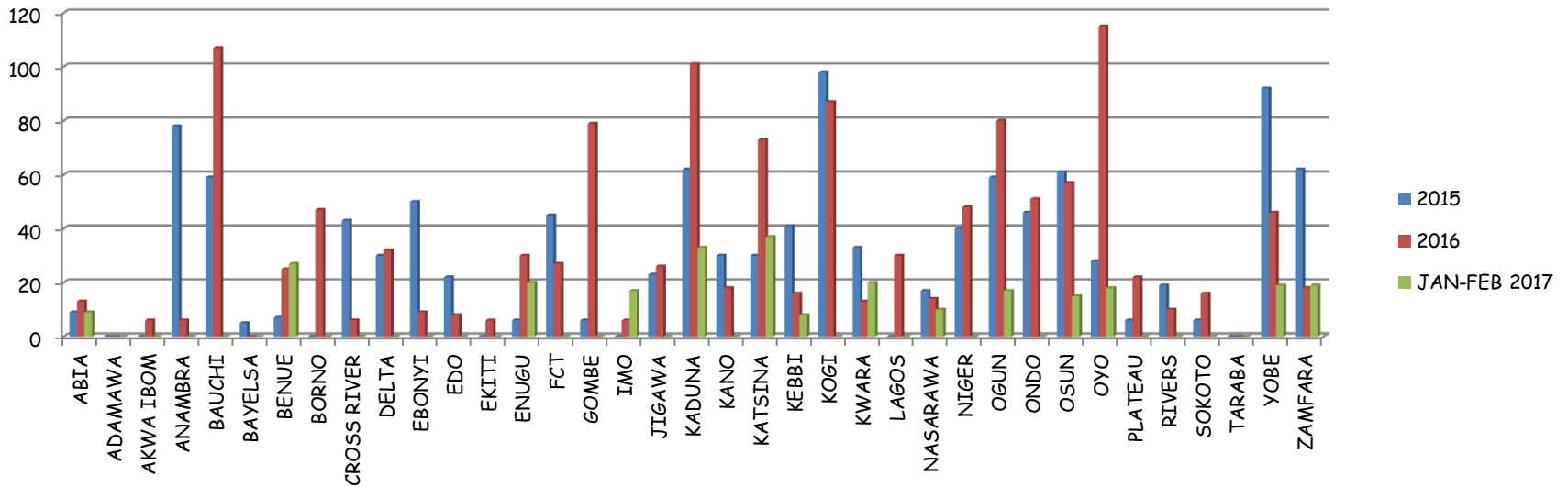
COMPARISON OF 6DT AND FATALITIES (2015-FEB. 2017)

STATE	TOTAL 6DT			TOTAL DEATH		
	2015	2016	JAN-FEB 2017	2015	2016	JAN-FEB 2017
ABIA	1	1	1	9	13	9
ADAMAWA	0	0	0	0	0	0
AKWA IBOM	0	1	0	0	6	0
ANAMBRA	5	1	0	78	6	0
BAUCHI	6	12	0	59	107	0
BAYELSA	1	0	0	5	0	0
BENUE	1	3	1	7	25	27
BORNO	0	3	0	0	47	0
CROSS RIVER	5	1	0	43	6	0
DELTA	3	3	0	30	32	0
EBONYI	5	1	0	50	9	0
EDO	3	1	0	22	8	0
EKITI	0	1	0	0	6	0
ENUGU	1	3	1	6	30	20
FCT	6	3	0	45	27	0
GOMBE	1	6	0	6	79	0
IMO	0	1	1	0	6	17
JIGAWA	3	4	0	23	26	0
KADUNA	8	11	1	62	101	33
KANO	3	2	0	30	18	0
KATSINA	3	7	2	30	73	37
KEBBI	6	2	1	41	16	8
KOGI	12	8	0	98	87	0
KWARA	3	2	1	33	13	20
LAGOS	0	3	0	0	30	0
NASARAWA	3	2	1	17	14	10
NIGER	5	5	0	40	48	0
OGUN	7	9	1	59	80	17
ONDO	4	6	0	46	51	0
OSUN	6	7	1	61	57	15
OYO	4	12	1	28	115	18
PLATEAU	1	3	0	6	22	0
RIVERS	2	1	0	19	10	0
SOKOTO	1	2	0	6	16	0
TARABA	0	0	0	0	0	0
YOBE	8	6	1	92	46	19
ZAMFARA	6	3	1	62	18	19
TOTAL	123	136	15	1113	1248	269

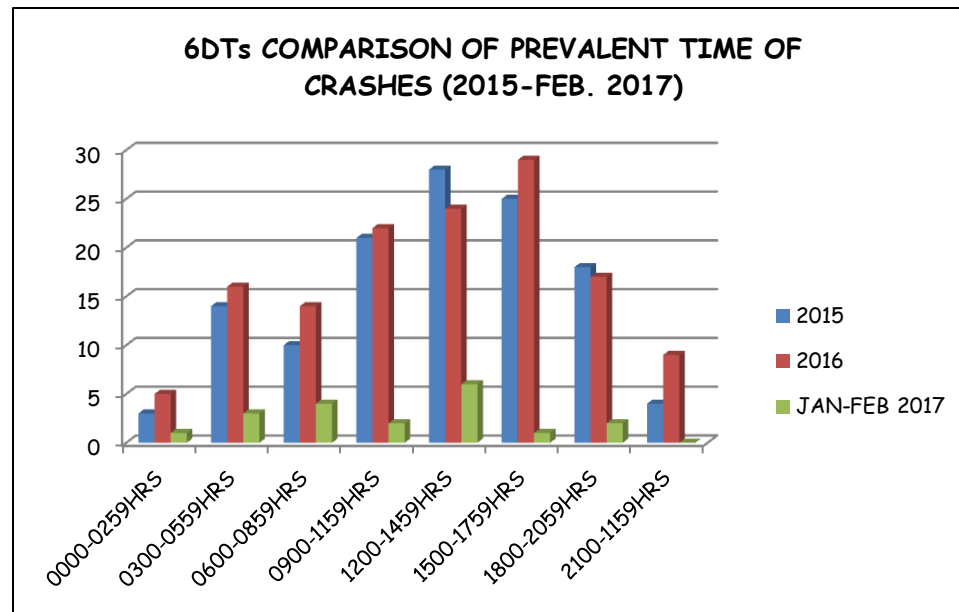
COMPARISON OF 6DT ON STATE BASIS (2015-FEB. 2017)



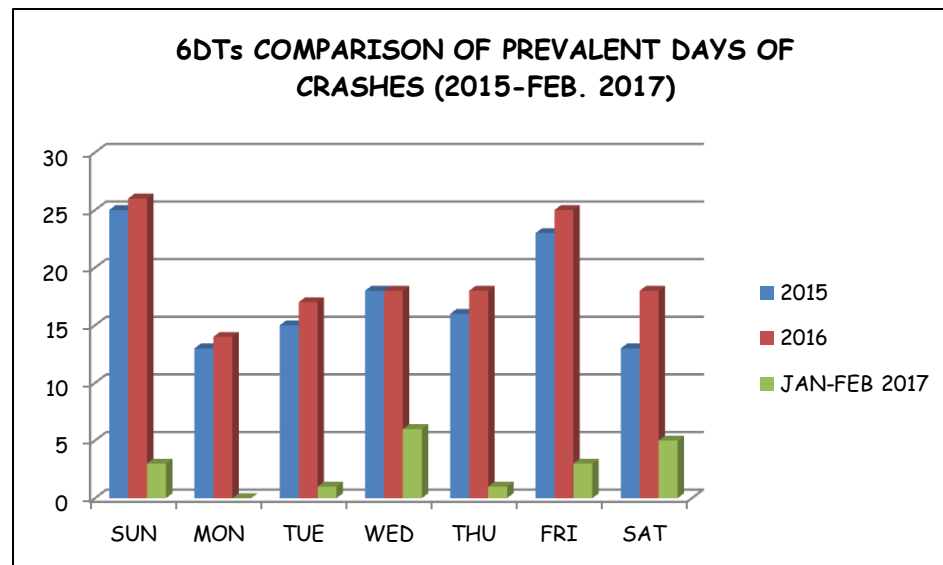
COMPARISON OF 6DT FATALITIES ON STATE BASIS (2015-FEB. 2017)



PREVALENT TIME	YEAR		
	2015	2016	JAN-FEB 2017
0000-0259HRS	3	5	1
0300-0559HRS	14	16	3
0600-0859HRS	10	14	4
0900-1159HRS	21	22	2
1200-1459HRS	28	24	6
1500-1759HRS	25	29	1
1800-2059HRS	18	17	2
2100-1159HRS	4	9	0
TOTAL	123	136	19



PREVALENT DAYS	YEAR		
	2015	2016	JAN-FEB 2017
SUN	25	26	3
MON	13	14	0
TUE	15	17	1
WED	18	18	6
THU	16	18	1
FRI	23	25	3
SAT	13	18	5
TOTAL	123	136	19



THANK
YOU!

