



**Surveillance** | Performance Indicators

**1.3m**

IDPs under surveillance  
approx. 80% of IDPs in  
Borno State

**160**

Total reporting sites  
including 20 IDP camps

**96**

Reports submitted

**60%**

Completeness

**54%**

Timeliness



**Alert**

**59**

Total alerts  
raised\*

**85%**

% alerts verified

\* Alerts are based on 7 weekly reportable diseases in the national IDSR reporting format (IDSR 002) and 8 additional diseases/health events of public health importance in the IDP camps and IDP hosting areas.

For more details and to manage the alerts, login to [Nigeria EWARS](#)

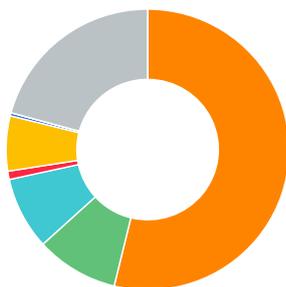
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**A. Indicator-based surveillance**

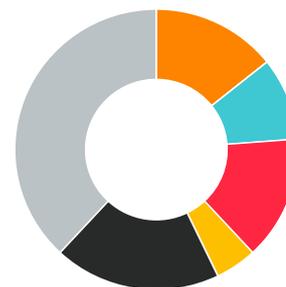
Summary

**Figure 1a** | Proportional morbidity (W40)



- Malaria
- Acute Respiratory Infection
- Acute Watery Diarrhoea
- Bloody diarrhoea
- Severe Acute Malnutrition
- Measles
- Mental Health
- Other

**Figure 1b** | Proportional mortality (W40)



- Malaria
- Acute Respiratory Infection
- Acute Watery Diarrhoea
- Bloody diarrhoea
- Severe Acute Malnutrition
- Measles
- Mental Health
- Maternal death
- Neonatal death
- Other

The numbers of immediately notifiable diseases under IDSR 002 are shown below in section 2. Overall, reportable diseases under surveillance represented 79% of total morbidity and 65% of total mortality in W40.

**Table 1a** | Weekly and cumulative number of reported cases

Syndrome	W40		Cumulative 2016	
	# cases	% morb. <sup>1</sup>	# cases	% morb. <sup>1</sup>
Malaria	10,828	54%	54,179	51%
Acute Respiratory Infection	1,899	9%	9,178	9%
Acute Watery Diarrhoea	1,678	8%	8,414	8%
Bloody diarrhoea	194	1%	1,227	1%
Severe Acute Malnutrition	1,275	6%	7,261	7%
Measles	72	0%	530	0%
Mental Health	0	0%	5	0%
Other	4,179	21%	26,193	25%
<b>Total cases</b>	<b>20,127</b>	<b>100%</b>	<b>106,987</b>	<b>100%</b>

<sup>1</sup> Proportional morbidity

**Table 1b** | Weekly and cumulative number of reported deaths

Syndrome	W40		Cumulative 2016	
	# deaths	% mort. <sup>2</sup>	# deaths	% mort. <sup>2</sup>
Malaria	3	13%	219	38%
Acute Respiratory Infection	0	0%	3	1%
Acute Watery Diarrhoea	2	9%	96	17%
Bloody diarrhoea	3	13%	0	0%
Severe Acute Malnutrition	1	4%	51	9%
Measles	0	0%	2	0%
Maternal Death	0	0%	11	2%
Neonatal death	4	17%	21	4%
Other	8	35%	156	27%
<b>Total deaths</b>	<b>23</b>	<b>100%</b>	<b>579</b>	<b>100%</b>

<sup>2</sup> Proportional mortality

**Table 1c** | Surveillance performance indicators by LGA (W40)

Location	Reporting		Performance	
	# sites	# reports received	Comp. <sup>3</sup>	Time. <sup>4</sup>
Askira Uba	15	9	60%	0%
Bayo	11	7	64%	14%
Biu	14	13	93%	54%
Chibok	11	5	45%	0%
Hawul	14	7	50%	57%
Jere	26	14	54%	86%
Kaga	2	1	50%	100%
Konduga	7	7	100%	71%
Kwaya Kusar	11	10	91%	60%
Mafa	2	2	100%	100%
Maiduguri	19	12	63%	50%
Monguno	16	7	44%	86%
Shani	12	2	17%	100%
<b>Borno State</b>	<b>160</b>	<b>96</b>	<b>60%</b>	<b>54%</b>

<sup>3</sup> Completeness of reporting

<sup>4</sup> Timeliness of reporting

**Table 1d** | Alert performance indicators by LGA

Syndrome	W40		Cumulative 2016	
	# alerts	% verif.	# alerts	% verif.
Askira Uba	2	50%	4	25%
Bayo	4	0%	9	0%
Biu	9	100%	21	95%
Chibok	1	0%	3	0%
Hawul	1	100%	6	83%
Jere	12	92%	99	98%
Kaga	0	0%	3	100%
Konduga	2	100%	21	100%
Kwaya Kusar	3	100%	6	100%
Mafa	2	100%	15	100%
Maiduguri	11	82%	105	97%
Monguno	9	100%	41	100%
Shani	3	100%	4	100%
<b>Borno State</b>	<b>59</b>	<b>85%</b>	<b>337</b>	<b>93%</b>

## Malaria Show

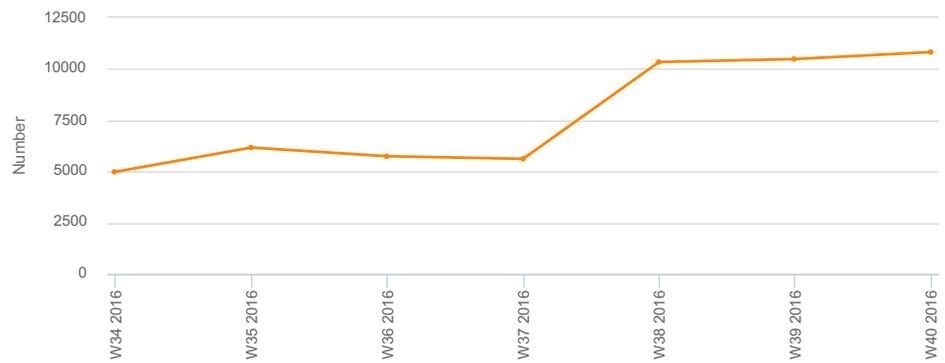
**Figure 2a |** Age breakdown



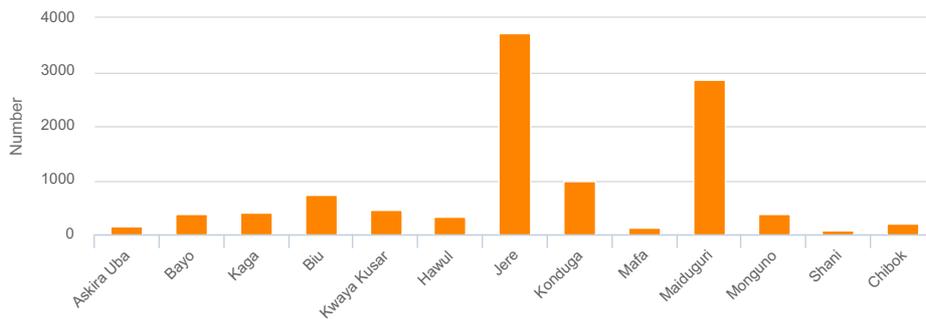
Under 5 Over 5

Total case fatality due to malaria in W40 was 0.0% .

**Figure 2b |** Trend in number of cases over time (Borno State)

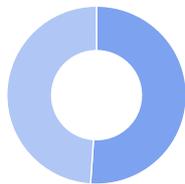


**Figure 2c |** Number of cases by LGA



## Acute Respiratory Infection Show

**Figure 3a |** Age breakdown



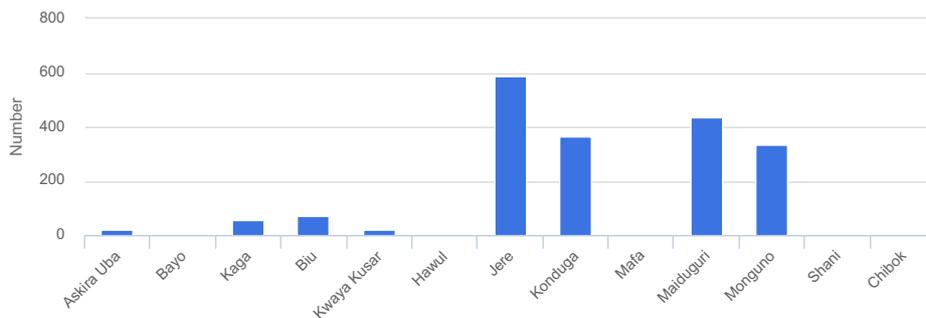
Under 5 Over 5

Total case fatality due to acute respiratory infection in W40 was 0.0% .

**Figure 3b |** Trend in number of cases over time (Borno State)

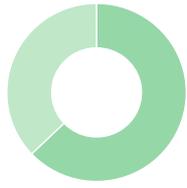


**Figure 3c |** Number of cases by LGA



## Acute Watery Diarrhoea Show

Figure 4a | Age breakdown



Under 5 Over 5

Total case fatality due to Acute Watery Diarrhoea in W40 was 0.1% .

Figure 4b | Trend in number of cases over time (Borno State)

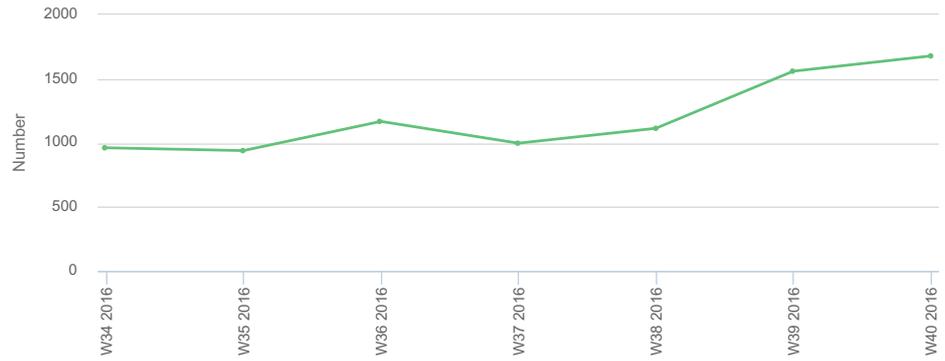
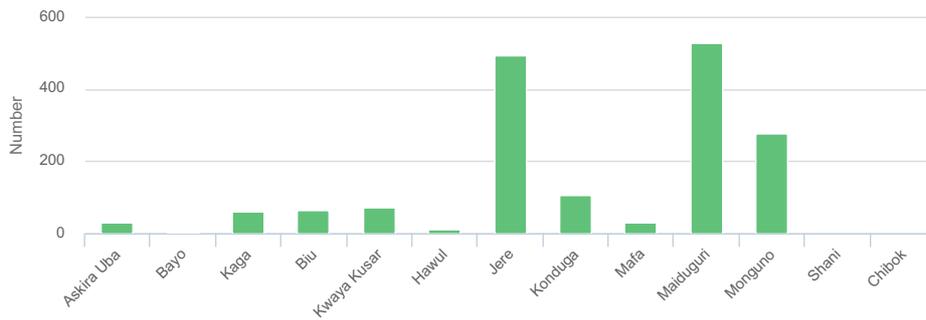
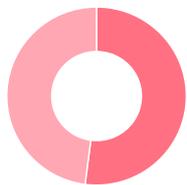


Figure 4c | Number of cases by LGA



## Bloody diarrhoea Show

Figure 5a | Age breakdown



Under 5 Over 5

Total case fatality due to bloody diarrhoea in W40 was 1.5% .

Figure 5b | Trend in number of cases over time (Borno State)

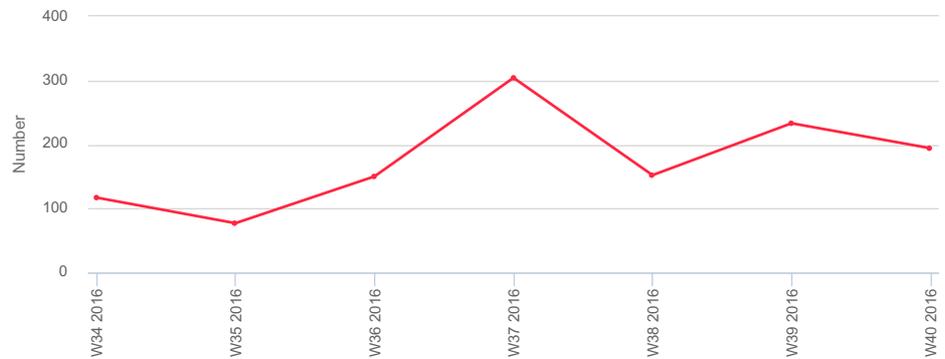
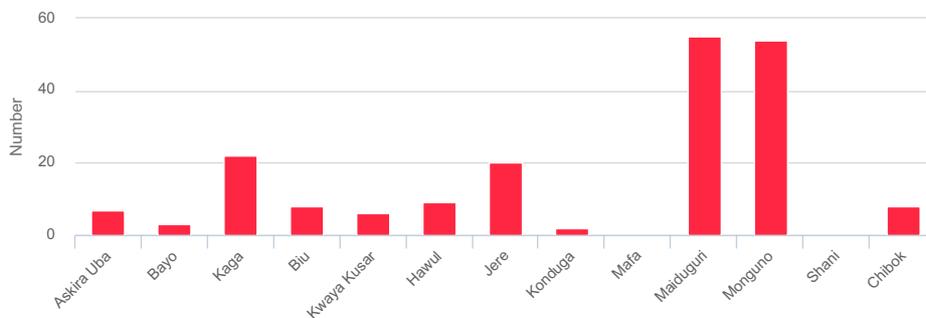
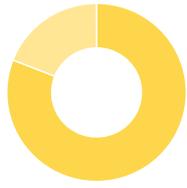


Figure 5c | Number of cases by LGA



## Severe Acute Malnutrition [Show](#)

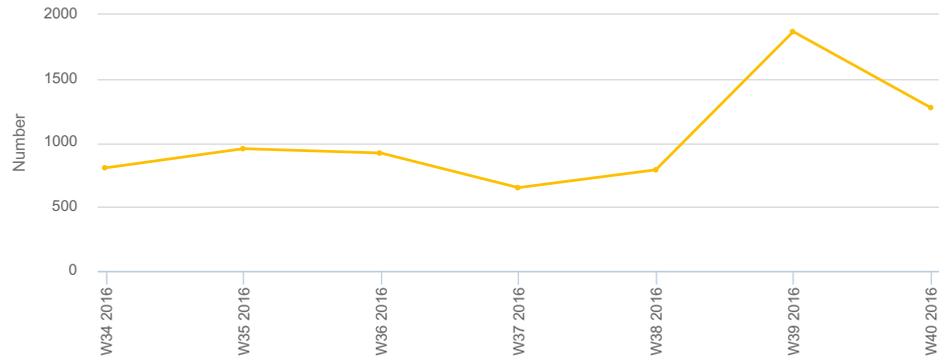
**Figure 6a** | Age breakdown



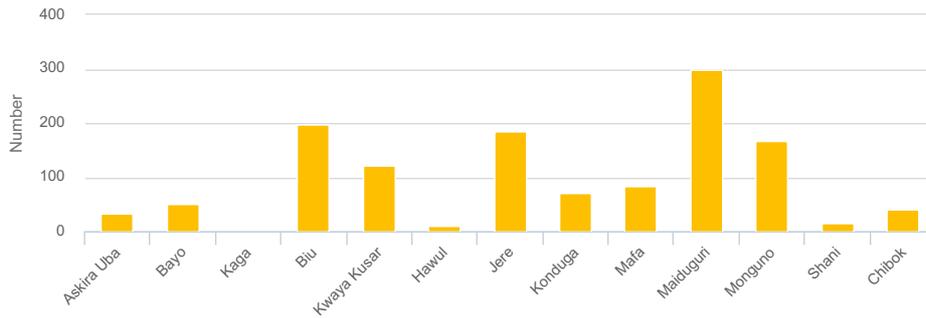
■ Under 5 ■ Over 5

Total case fatality due to SAM in W40 was 0.1% .

**Figure 6b** | Trend in number of cases over time (Borno State)



**Figure 6c** | Number of cases by LGA



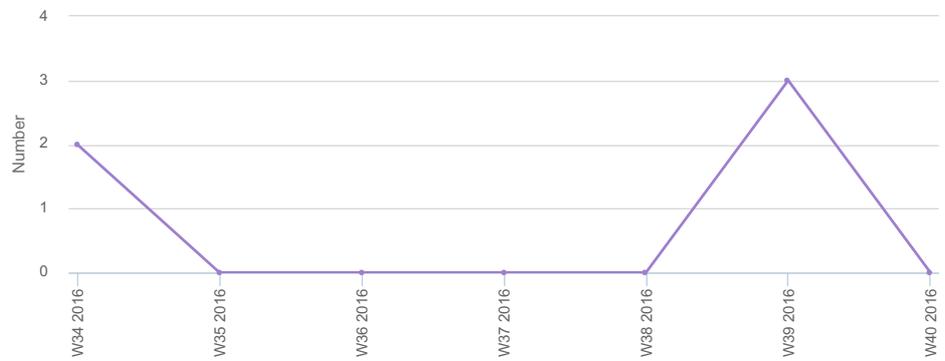
## Mental Health [Show](#)

**Figure 7a** | Age breakdown

■ Under 5 ■ Over 5

Total case fatality due to mental health in W40 was 0.0% .

**Figure 7b** | Trend in number of cases over time (Borno State)



**Figure 7c** | Number of cases by LGA



## B. Immediately notifiable diseases (IDSR 002)

Statistical tables [Show](#)

**Table 8a** | Weekly and cumulative number of cases by disease

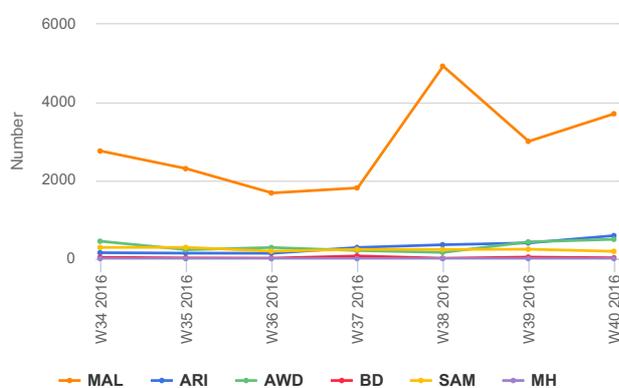
Disease	W40		Cumulative 2016	
	# cases	# deaths	# cases	# deaths
AFP <sup>1</sup> /Polio	8	0	26	0
Meningitis	0	0	13	1
Cholera	0	0	38	1
Viral Haemorrhagic Fever	0	0	1	2
Yellow Fever	0	0	0	1
Guinea worm	0	0	2	0
Human Influenza <sup>2</sup>	0	0	0	1

<sup>1</sup> Acute Flaccid Paralysis <sup>2</sup> caused by a new subtype

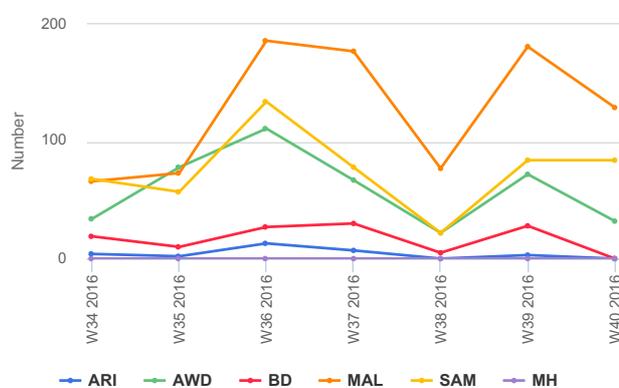
## C. Annexes

All cause trends by LGA [Show](#)

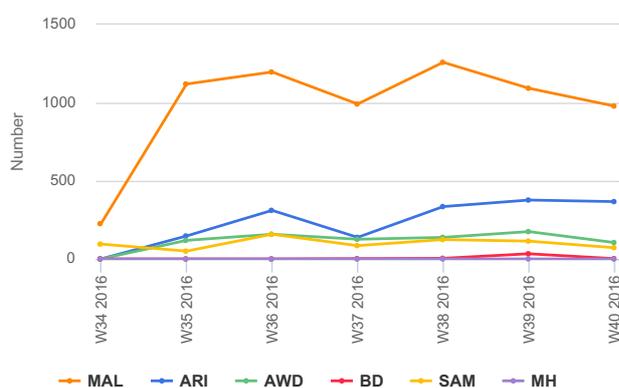
**Figure 9a** | Jere



**Figure 9b** | Mafa



**Figure 9c** | Konduga



**Figure 9d** | Kaga

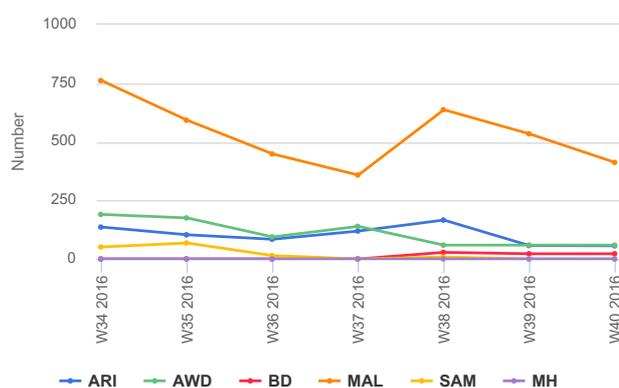
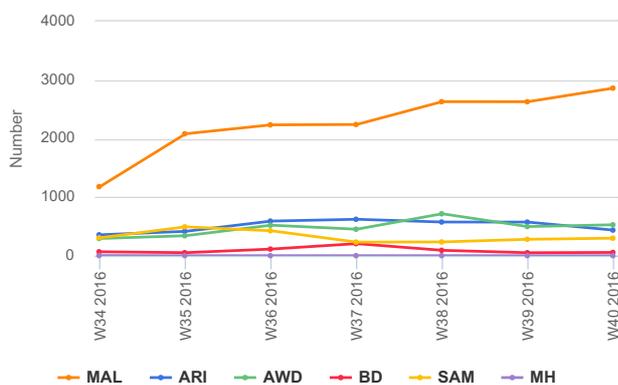


Figure 9e | Maiduguri



**Data Sources**

Priority health facilities in IDP camps and IDP hosting areas

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Learn more about EWARS  
<http://ewars-project.org>

**Nigeria EWARS**  
 has been deployed since September 2016 in response to the humanitarian crisis in North-Eastern Nigeria. It is supporting MoH and partners to strengthen mortality and disease surveillance.  
<http://ng.ewars.ws/login>



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