



**Table of Contents**

- A. Key indicators
- B. Indicator-based surveillance
- C. System performance

**A. Key indicators**



**Surveillance** | Performance Indicators

**25**

Number of LGAs\*

**24**

Number of LGAs that reported

**275**

Number of health facilities

**220**

Number of health facilities that reported

**80%**

Completeness at health facility level. 88% at LGA level.

**80%**

Timeliness at health facility level. 88% at LGA level.



**Alert** | W45

**38**

Total alerts raised\*\*

**92%**

% alerts verified

**0**

# alerts requiring response

\* The reporting of **health facility level IDSR data** is currently being rolled out across Borno State. Whilst this is taking place, some LGAs are continuing to report only at the level of local government area (LGA). Therefore, completeness and timeliness of reporting is displayed at both levels in this bulletin.

\*\* **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.



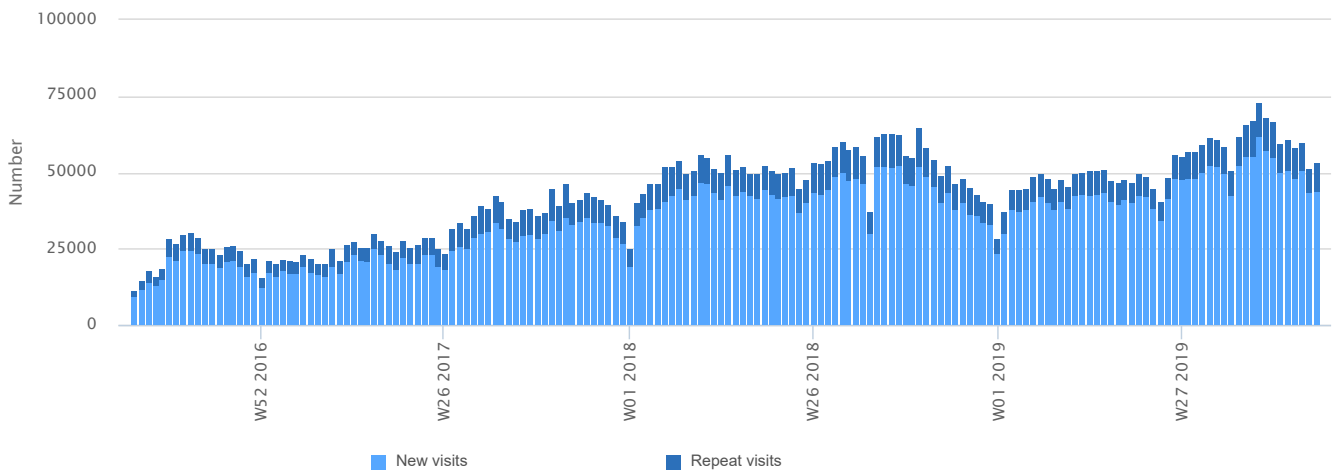
**Alert** | Risk Assessment

**W45**

**Cumulative**

W45	Cumulative	Risk Level
0	18	Low risk
0	18	Moderate risk
0	21	High risk
0	1	Very high risk

**Figure 1** | Trend in consultations



## B. Indicator-based surveillance

### Summary

Figure 1a | Proportional morbidity (W45)

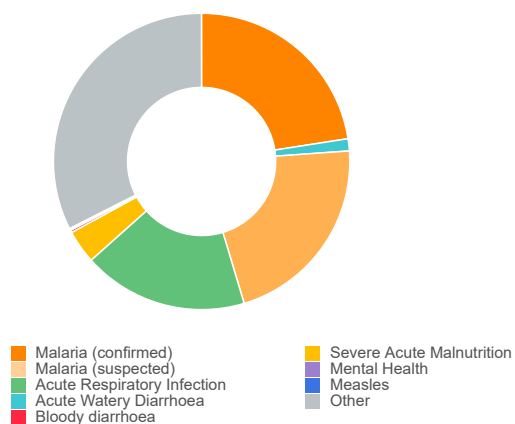
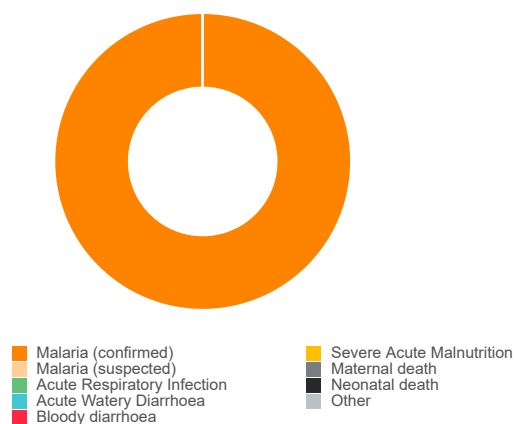


Figure 1b | Proportional mortality (W45)



### Statistical tables [Show](#)

Table 1a | Weekly and cumulative number of reported cases

Syndrome	W45		Cumulative 2019	
	# cases	% morb. <sup>1</sup>	# cases	% morb. <sup>1</sup>
Malaria (confirmed)	11,464	22.5%	307,914	14.1%
Malaria (suspected)	10,931	21.5%	476,759	21.8%
Acute Respiratory Infection	9,168	18.0%	384,894	17.6%
Acute Watery Diarrhoea	675	1.3%	44,109	2.0%
Bloody diarrhoea	126	0.2%	8,458	0.4%
Severe Acute Malnutrition	1,857	3.7%	80,263	3.7%
Mental Health	79	0.2%	3,596	0.2%
Other	16,509	32.5%	861,976	39.4%
<b>Total cases</b>	<b>50,846</b>	<b>100%</b>	<b>2,188,784</b>	<b>100%</b>

<sup>1</sup> Proportional morbidity

Table 1b | Weekly and cumulative number of reported deaths

Syndrome	W45		Cumulative 2019	
	# deaths	% mort. <sup>2</sup>	# deaths	% mort. <sup>2</sup>
Malaria (confirmed)	2	100.0%	135	19.5%
Malaria (suspected)	0	0.0%	43	6.2%
Acute Respiratory Infection	0	0.0%	10	1.4%
Acute Watery Diarrhoea	0	0.0%	2	0.3%
Bloody diarrhoea	0	0.0%	1	0.0%
Severe Acute Malnutrition	0	0.0%	60	8.6%
Maternal death	0	0.0%	33	4.8%
Neonatal death	0	0.0%	78	11.2%
Other	0	0.0%	332	47.8%
<b>Total deaths</b>	<b>2</b>	<b>100%</b>	<b>694</b>	<b>100%</b>

<sup>2</sup> Proportional mortality

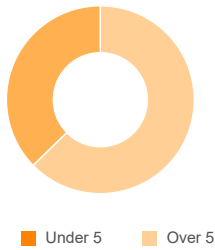
Table 1c | Immediately notifiable diseases (IDSR 002)

Disease	W45		Cumulative 2019	
	# cases	# deaths	# cases	# deaths
AFP <sup>1</sup> /Polio	3	0	190	2
Measles (suspected)	37	0	20,815	92
Meningitis (suspected)	1	0	42	6
Cholera (suspected)	0	0	179	1
Viral Haemorrhagic Fever (suspected)	0	0	3	0
Yellow Fever (suspected)	1	0	189	3
Guinea worm (suspected)	0	0	0	0
Human Influenza (suspected) <sup>2</sup>	0	0	0	0

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

Malaria Hide

Figure 2a | Age breakdown

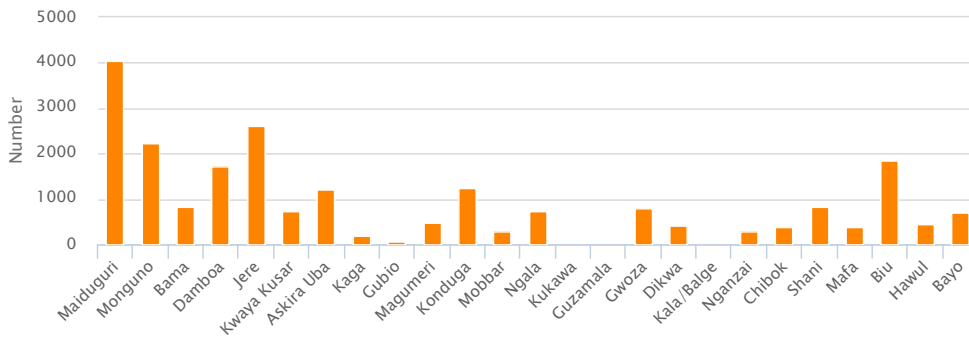


Total case fatality due to malaria in W45 was 0.0% .

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

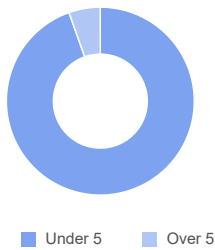


Figure 2c | Number of cases by LGA



Measles (suspected) Hide

Figure 3a | Age breakdown



Total case fatality due to measles in W45 was 0.0% .

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

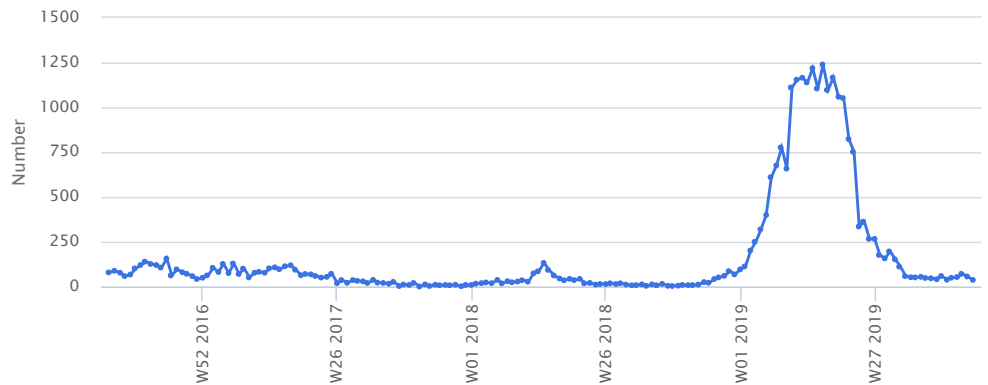
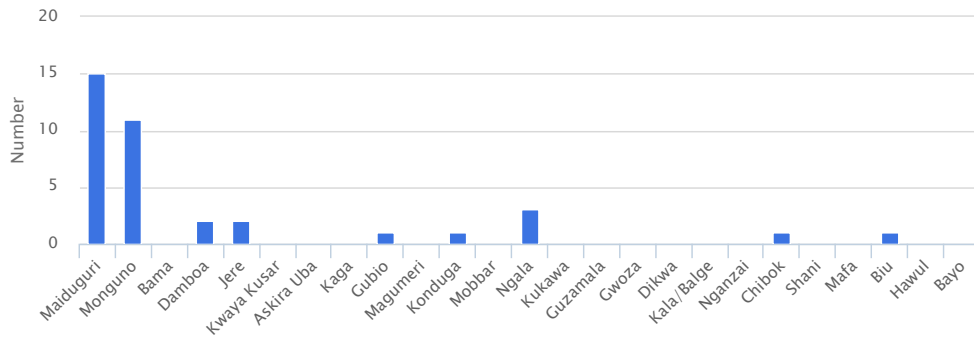


Figure 3c | Number of cases by LGA



Acute Respiratory Infection Hide

Figure 4a | Age breakdown



Total case fatality due to acute respiratory infection in W45 was 0.0% .

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

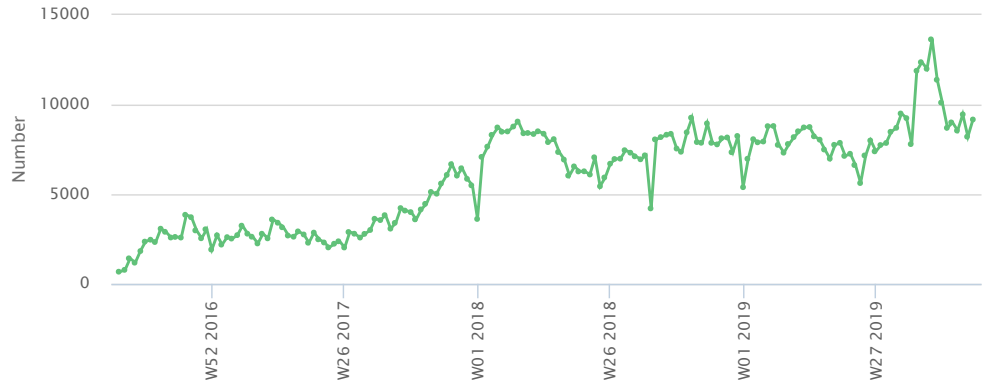
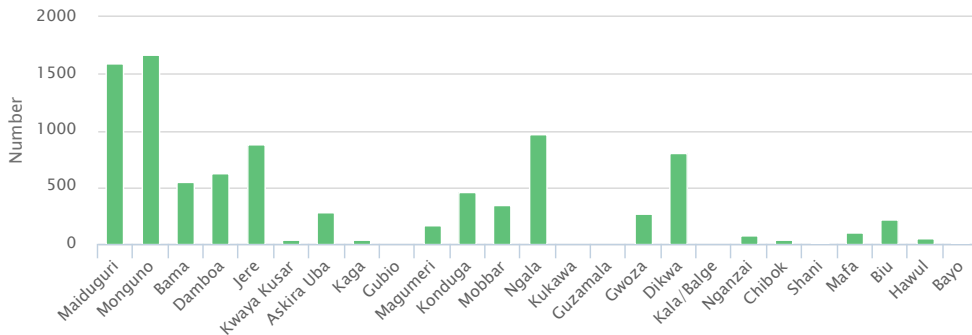
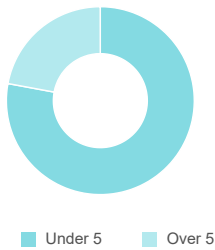


Figure 4c | Number of cases by LGA



Acute Watery Diarrhoea Hide

Figure 5a | Age breakdown

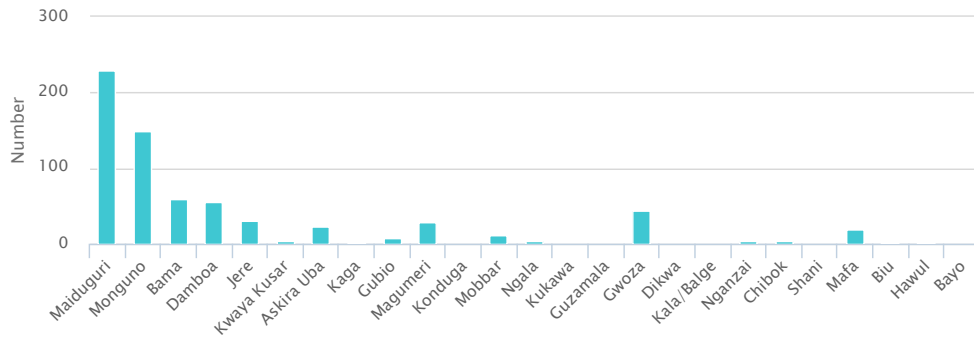


Total case fatality due to Acute Watery Diarrhoea in W45 was 0.0% .

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

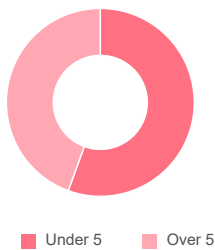


Figure 5c | Number of cases by LGA



Bloody diarrhoea Hide

Figure 6a | Age breakdown



Total case fatality due to bloody diarrhoea in W45 was 0.0% .

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

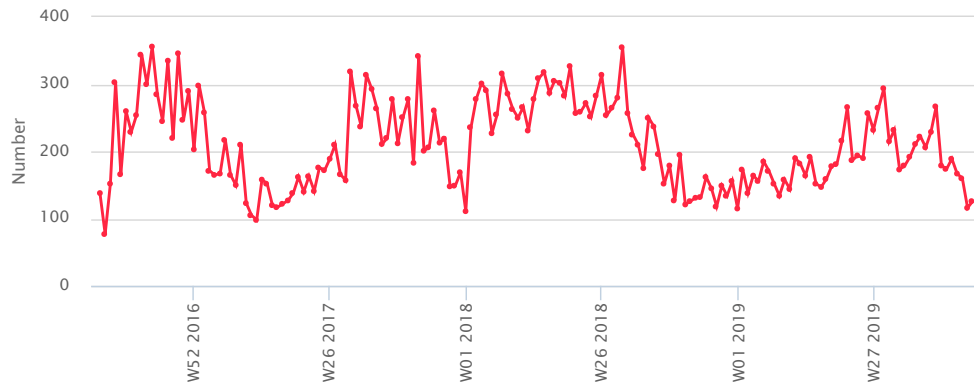
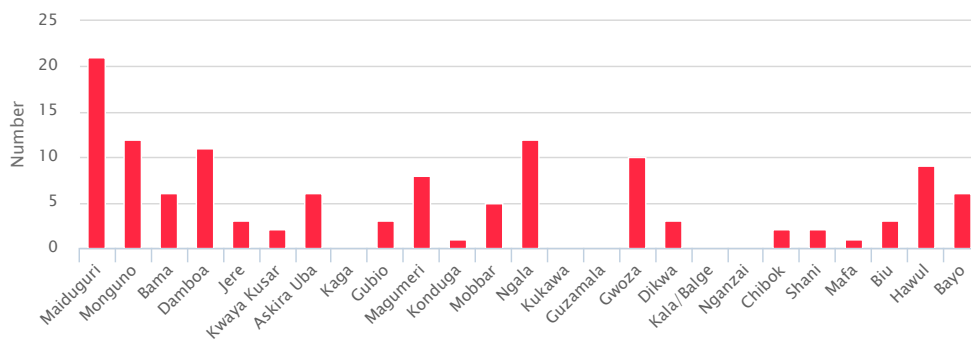
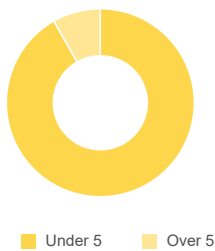


Figure 6c | Number of cases by LGA



Severe Acute Malnutrition Hide

Figure 7a | Age breakdown



Total case fatality due to SAM in W45 was 0.0% .

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

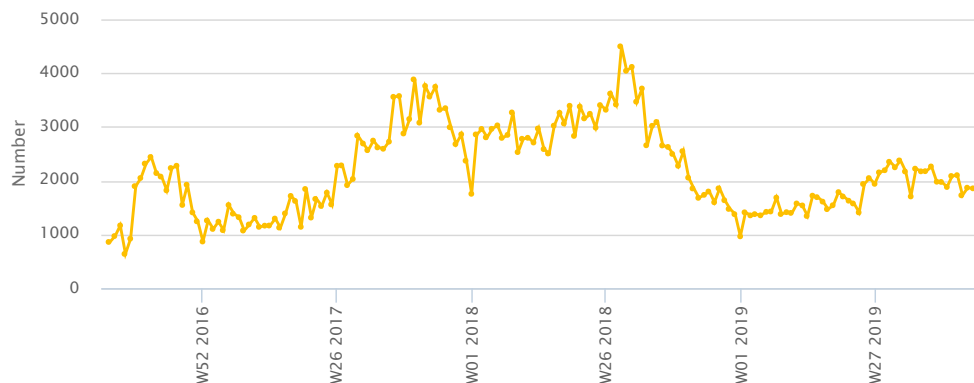
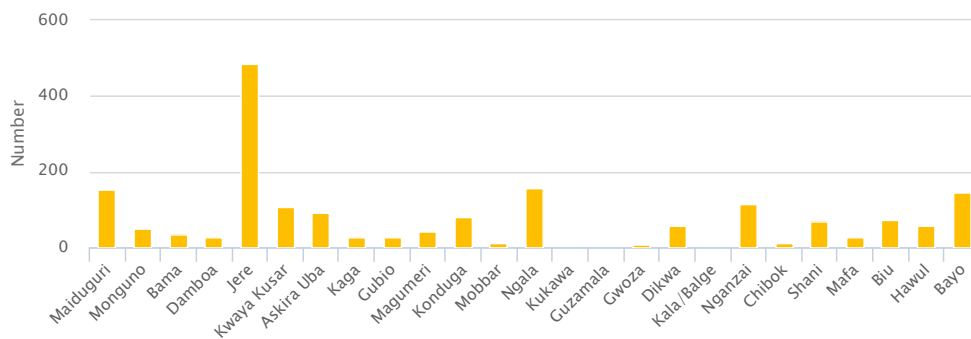
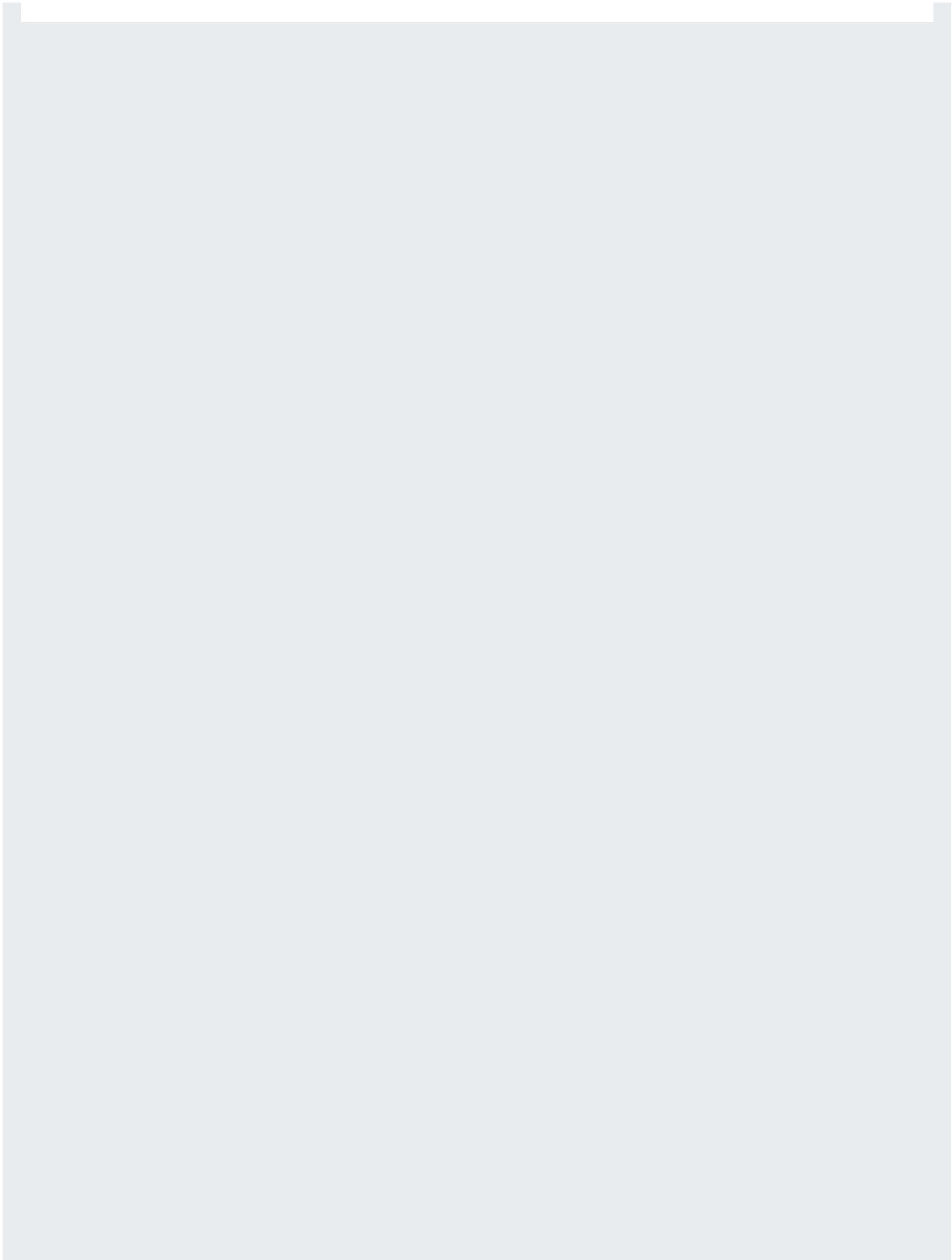


Figure 7c | Number of cases by LGA







## C. System performance

Statistical tables [Show](#)

**Table 9a** | Surveillance performance indicators by LGA (W45)

Location	Reporting		Performance	
	# sites	# reports received	Comp. <sup>3</sup>	Time. <sup>4</sup>
Askira Uba	29	22	76%	76%
Bama	4	3	75%	75%
Bayo	11	11	100%	100%
Biu	22	19	82%	82%
Chibok	11	6	55%	55%
Damboa	14	9	64%	64%
Dikwa	6	5	83%	83%
Gubio	5	5	100%	100%
Guzamala	0	0	0%	100%
Gwoza	7	3	43%	43%
Hawul	14	11	79%	79%
Jere	28	20	71%	71%
Kaga	5	5	100%	100%
Kala/Balge	2	0	0%	0%
Konduga	16	15	94%	94%
Kukawa	0	0	0%	100%
Kwaya Kusar	11	11	100%	100%
Mafa	7	5	71%	71%
Magumeri	10	6	60%	60%
Maiduguri	17	13	76%	76%
Mobbar	2	2	100%	100%
Monguno	18	18	100%	100%
Ngala	6	6	100%	100%
Nganzai	4	4	100%	100%
Shani	26	21	81%	81%
<b>Borno State</b>	<b>275</b>	<b>220</b>	<b>80%</b>	<b>80%</b>

**Table 9b** | Alert performance indicators by LGA

Syndrome	W45		Cumulative 2019	
	# alerts	% verif.	# alerts	% verif.
Askira Uba	4	75%	159	75%
Bama	1	100%	136	94%
Bayo	1	100%	121	92%
Biu	2	100%	171	80%
Chibok	2	50%	86	92%
Damboa	2	50%	174	69%
Dikwa	0	0%	48	73%
Gubio	2	100%	75	37%
Guzamala	0	0%	0	0%
Gwoza	0	0%	85	61%
Hawul	0	0%	63	89%
Jere	3	100%	570	89%
Kaga	0	0%	41	100%
Kala/Balge	0	0%	5	100%
Konduga	2	100%	385	95%
Kukawa	0	0%	1	100%
Kwaya Kusar	0	0%	41	85%
Mafa	0	0%	58	93%
Magumeri	1	100%	178	82%
Maiduguri	6	100%	528	95%
Mobbar	0	0%	61	89%
Monguno	8	100%	207	75%
Ngala	2	100%	175	83%
Nganzai	0	0%	79	95%
Shani	2	100%	110	85%
<b>Borno State</b>	<b>38</b>	<b>92%</b>	<b>3,557</b>	<b>86%</b>

<sup>3</sup> Completeness of reporting (at health facility level)

<sup>4</sup> Timeliness of reporting (at health facility level)

### Contact Information

#### Samuel B Thliza

State Epidemiologist  
Ministry of Health  
Maiduguri, Nigeria  
Email: [thliza25@gmail.com](mailto:thliza25@gmail.com)  
Telephone: 0708 093 0851

#### Dr Uzoma Ugochukwu

Health Information Management Unit  
WHO Health Emergencies Programme Office  
Maiduguri, Nigeria  
Email: [ugochukwu@who.int](mailto:ugochukwu@who.int)  
Telephone: 0703 729 5937



**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>

