

Bangladesh

Rohingya Emergency Response

Early Warning, Alert and
Response System (EWARS)

Epidemiological Bulletin W3 2018

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Sources of data

1. Weekly EWARS Reporting Form
2. Mortality Case Report Form
3. Event-based Surveillance Form

Table 1 | Coverage

#	%	
866,000	-	Estimated total Rohingya population ¹
766,460	89%	Total population under surveillance
158	-	Total number of health facilities ²
141	89%	Number of EWARS reporting sites

Table 2 | Early warning performance indicators

W3	Cumulative (2018)	
103	280	Number of weekly reports received
72%	65%	Completeness
72%	64%	Timeliness

¹ Source: IOM. Bangladesh: Needs and Population Monitoring - NPM R7 Report. 15 December 2017

² Source: REACH. Health Facility Mapping Exercise. 12 December 2017

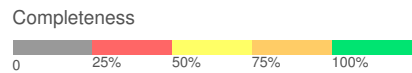
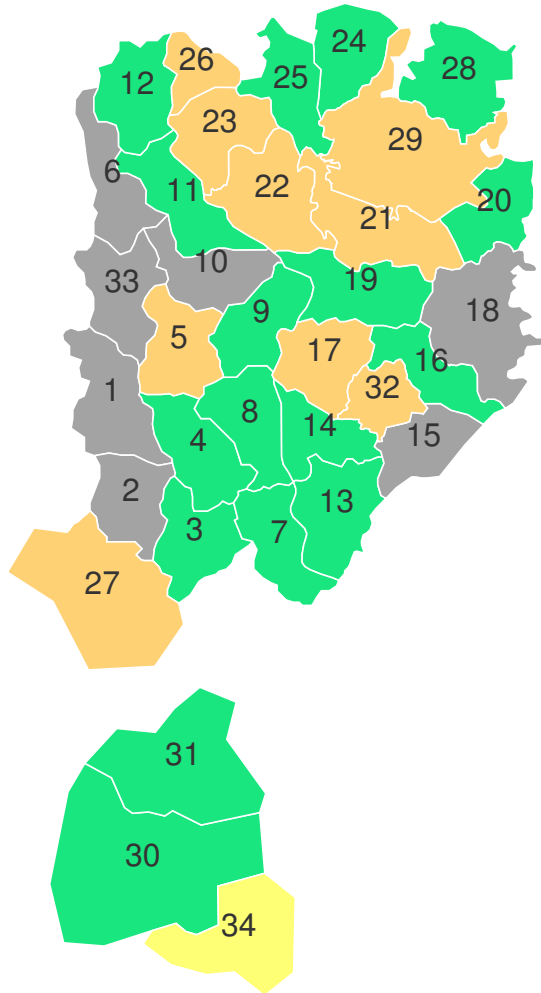
Excluding non-operational health facilities; and excluding specialised services (DTCs, SRH clinics) and mobile clinics (which report under fixed sites)

Table 3 Alert performance indicators

W3	Cumulative (2018)	
87	229	Total alerts raised
98%	91%	% verified
0%	0%	% auto-discarded
11%	9%	% undergoing risk assessment
0%	0%	% completed risk assessment

Map 1a | Ukhia completeness by site/zone

- 1 Zone ZZ
- 2 Zone ZA
- 3 Zone YY
- 4 Zone XX
- 5 Zone WW
- 6 Zone UU
- 7 Zone TT
- 8 Zone SS
- 9 Zone RR
- 10 Zone QQ
- 11 Zone PP
- 12 Zone OO
- 13 Zone NN
- 14 Zone MM
- 15 Zone LL
- 16 Zone KK
- 17 Zone JJ
- 18 Zone II
- 19 Zone HH
- 20 Zone GG
- 21 Zone FF
- 22 Zone EE
- 23 Zone DD
- 24 Zone CC
- 25 Zone BB
- 26 Zone AA
- 27 Thangkhali / Burmapara / Tashimarkhola
- 28 Kutupalong RC
- 29 Kutupalong MS
- 30 Jamtoli
- 31 Hakimpara
- 32 Balukhali MS
- 33 Zone VV
- 34 Moynarghona / Bagghona



Map 1b | Teknaf completeness by site/zone

- 1 Nayapara RC
- 2 Leda MS
- 3 Chakmarkul
- 4 Unchiprang
- 5 Shamlapur
- 6 Jadimura

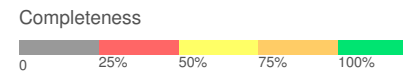
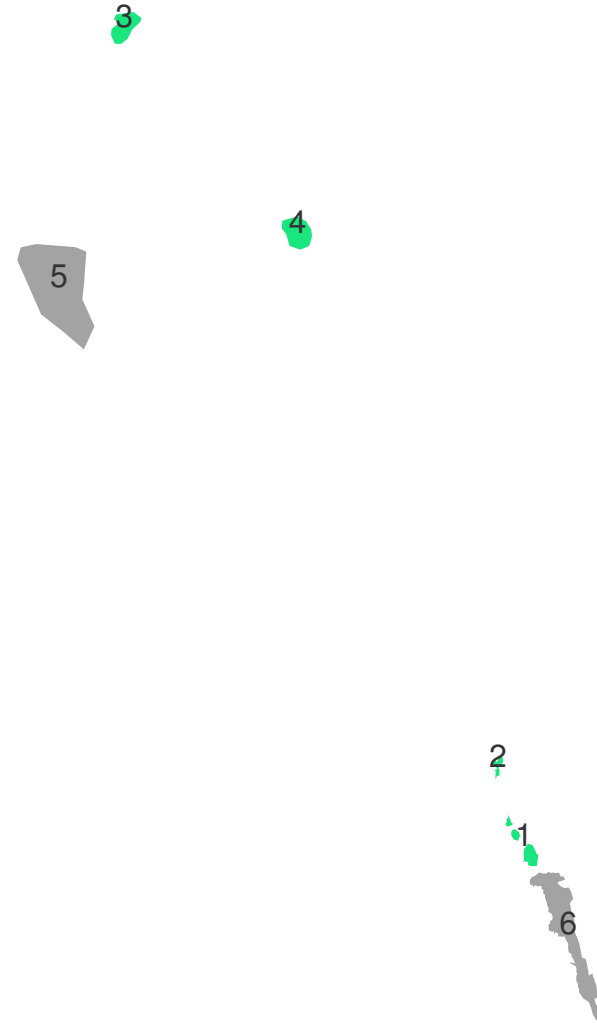


Table 4 | Performance by site/zone (W3 2018)

Northern group	Reporting		Performance	
	# health facilities	# reports received	Completeness	Timeliness
Balukhali MS	11	8	73%	73%
Kutupalong MS	6	4	67%	67%
Kutupalong RC	4	3	75%	75%
Zone AA	4	2	50%	50%
Zone BB	1	1	100%	100%
Zone CC	1	1	100%	100%
Zone DD	6	4	67%	67%
Zone EE	3	2	67%	67%
Zone FF	4	2	50%	50%
Zone GG	2	2	100%	100%
Zone HH	2	2	100%	100%
Zone II	0	0	0%	100%
Zone JJ	3	2	67%	67%
Zone KK	1	1	100%	100%
Zone LL	0	0	0%	100%
Zone MM	1	1	100%	100%
Zone NN	9	7	78%	78%
Zone OO	1	1	100%	

Map 2 | Completeness by site/zone

- 1 Zone OO
- 2 Zone NN
- 3 Zone MM
- 4 Zone LL
- 5 Zone KK
- 6 Zone JJ
- 7 Zone II
- 8 Zone HH
- 9 Zone GG
- 10 Zone FF
- 11 Zone EE
- 12 Zone DD
- 13 Zone CC
- 14 Zone BB
- 15 Zone AA
- 16 Kutupalong RC
- 17 Kutupalong MS
- 18 Balukhali MS

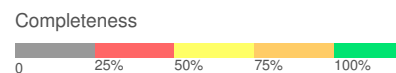
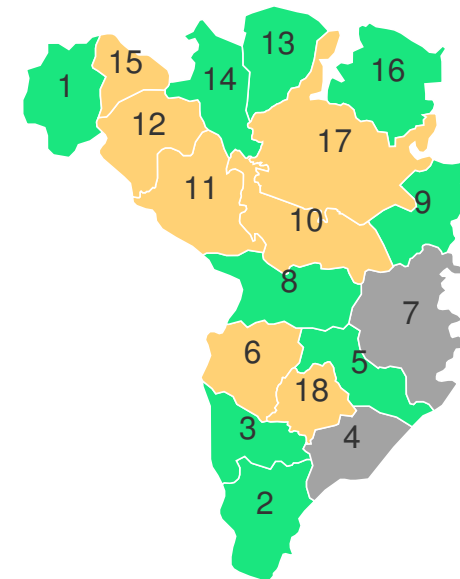


Table 5 | Performance by site/zone (W3 2018)

Southern group	Reporting		Performance	
	# health facilities	# reports received	Completeness	Timeliness
East Palongkhali	1	1	100%	100%
Hakimpara	6	6	83%	83%
Jamtoli	8	6	75%	75%
Moynarghona / Bagghona	8	3	38%	38%
Thangkhali / Burmapara / Tasnimarkhola	10	7	70%	70%
Zone PP	2	2	100%	100%
Zone QQ	0	0	0%	100%
Zone RR	2	2	100%	100%
Zone SS	5	4	80%	80%
Zone TT	6	5	83%	83%
Zone UU	1	0	0%	0%
Zone VV	0	0	0%	100%
Zone WW	3	2	67%	67%
Zone XX	3	3	100%	100%
Zone YY	2	2	100%	100%
Zone ZA	2	0	0%	0%
Zone ZZ	1	0		0%

Map 3 | Completeness by site/zone

- 1 Zone ZZ
- 2 Zone ZA
- 3 Zone YY
- 4 Zone XX
- 5 Zone WW
- 6 Zone UU
- 7 Zone TT
- 8 Zone SS
- 9 Zone RR
- 10 Zone QQ
- 11 Zone PP
- 12 Thangkhali / Burmapara / Tasnimarkhola
- 13 Jamtoli
- 14 Hakimpara
- 15 Zone VV
- 16 Moynarghona / Bagghona

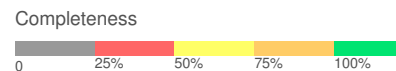
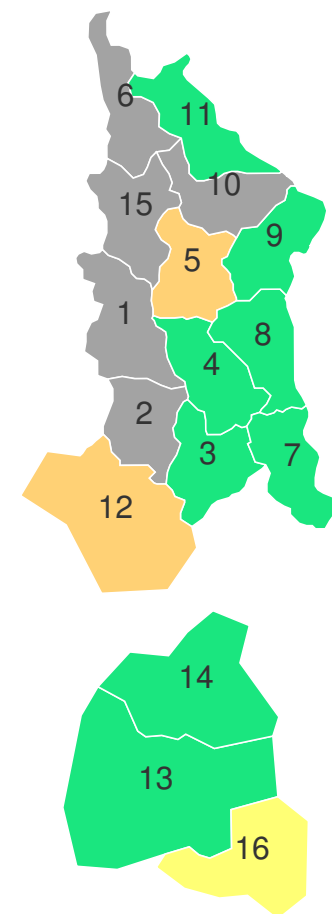


Table 6 | Performance by site/zone (W3 2018)

Teknaf	Reporting		Performance	
	# health facilities	# reports received	Completeness	Timeliness
Baharchora	2	1	50%	50%
Chakmarkul	2	2	100%	100%
Leda MS	4	4	100%	100%
MoH CC	1	1	100%	100%
Nayapara RC	3	3	100%	100%
Sabrang	1	1	100%	100%
Shamlapur	1	0	0%	0%
Teknaf UHC	0	0	0%	100%
Unchiprang	5	4		80%

Map 4 | Completeness by site/zone

- 1 Nayapara RC
- 2 Leda MS
- 3 Chakmarkul
- 4 Unchiprang
- 5 Shamlapur
- 6 Jadimura

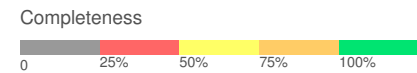
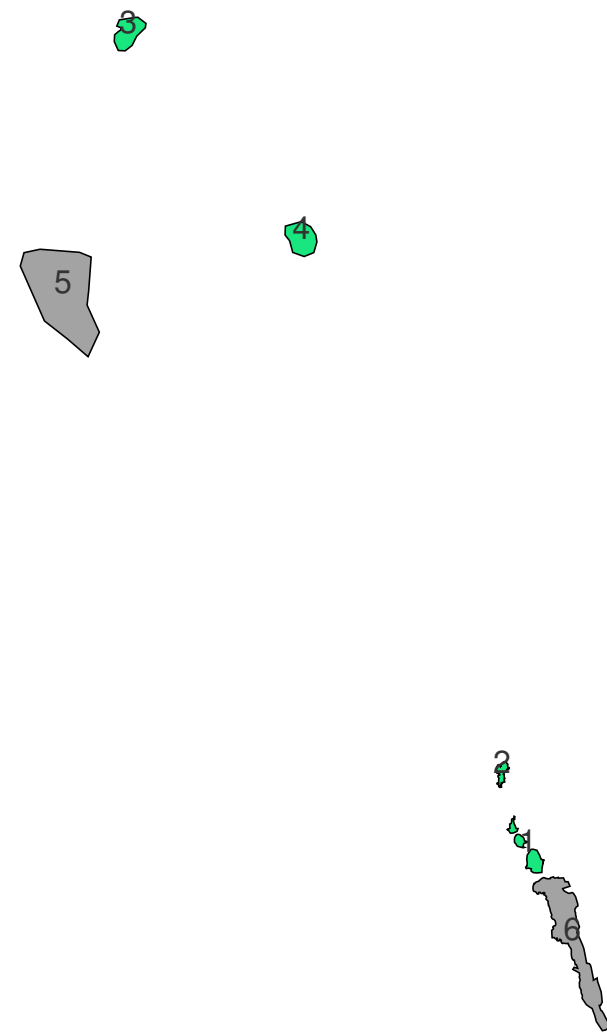


Table 7 | Performance by partner (W3 2018)

Partner	Performance		Reporting		Partner	Performance		Reporting	
	# sites	# reports received	Completeness	Timeliness		# sites	# reports received	Completeness	Timeliness
AIDOCT	1	1	100%	100%	MTI	1	1	100%	100%
BDRCS	16	11	69%	69%	OBAT	1	0	0%	0%
BRAC	10	10	100%	100%	PHD	8	8	100%	100%
CARE	4	4	100%	100%	Protyashi	1	1	100%	100%
FHM	1	1	100%	100%	PWJ	1	1	100%	100%
FRNDS	5	5	100%	100%	RHU	2	2	83%	83%
GK	6	5	83%	83%	RI	5	5	100%	100%
HMBDF	1	1	100%	100%	RTMI	2	0	0%	0%
IHA	2	1	50%	50%	SCI	9	9	100%	100%
IOM	26	14	54%	54%	TdH	1	1	100%	100%
IRC	7	7	100%	100%					
MERCY	2	2	100%	100%					
MOAS	2	1	50%	50%					
MSF	26	11	42%	42%					

Table 8 | Performance by site/zone

Northern group	W3		Cumulative (2018)	
	# alerts	% verif.	# alerts	% verif.
Balukhali MS	6	100%	15	87%
Kutupalong MS	2	100%	5	80%
Kutupalong RC	5	100%	8	100%
Zone AA	4	100%	12	83%
Zone BB	0	0%	1	100%
Zone CC	1	100%	1	100%
Zone DD	3	100%	7	100%
Zone EE	8	100%	25	88%
Zone FF	0	0%	2	100%
Zone GG	1	100%	3	100%
Zone HH	3	100%	7	100%
Zone II	0	0%	0	0%
Zone JJ	0	0%	1	100%
Zone KK	2	100%	4	75%
Zone LL	0	0%	0	0%
Zone MM	0	0%	0	0%
Zone NN	2	100%	8	100%
Zone OO	0		0	0%

Map 5 | Number of alerts by site/zone

- 1 Zone OO
- 2 Zone NN
- 3 Zone MM
- 4 Zone LL
- 5 Zone KK
- 6 Zone JJ
- 7 Zone II
- 8 Zone HH
- 9 Zone GG
- 10 Zone FF
- 11 Zone EE
- 12 Zone DD
- 13 Zone CC
- 14 Zone BB
- 15 Zone AA
- 16 Kutupalong RC
- 17 Kutupalong MS
- 18 Balukhali MS

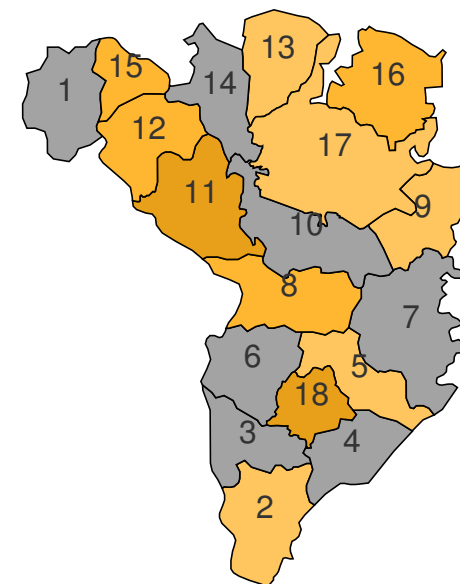


Table 9 | Performance by site/zone

Southern group	W3		Cumulative (2018)	
	# alerts	% verif.	# alerts	% verif.
East Palongkhali	0	0%	0	0%
Hakimpara	8	100%	15	87%
Jamtoli	7	100%	18	89%
Moynarghona / Bagghona	4	100%	14	79%
Thangkhali / Burmapara / Tasnimarkhola	3	67%	12	83%
Zone PP	4	100%	9	100%
Zone QQ	0	0%	0	0%
Zone RR	2	100%	3	100%
Zone SS	3	100%	11	91%
Zone TT	6	100%	14	100%
Zone UU	0	0%	0	0%
Zone VV	0	0%	0	0%
Zone WW	0	0%	1	100%
Zone XX	0	0%	3	67%
Zone YY	4	100%	9	89%
Zone ZA	0	0%	0	0%
Zone ZZ	0	0%	0	

Map 6 | Number of alerts by site/zone

- 1 Zone ZZ
- 2 Zone ZA
- 3 Zone YY
- 4 Zone XX
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- 6 Zone UU
- 7 Zone TT
- 8 Zone SS
- 9 Zone RR
- 10 Zone QQ
- 11 Zone PP
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- 13 Jamtoli
- 14 Hakimpara
- 15 Zone VV
- 16 Moynarghona / Bagghona

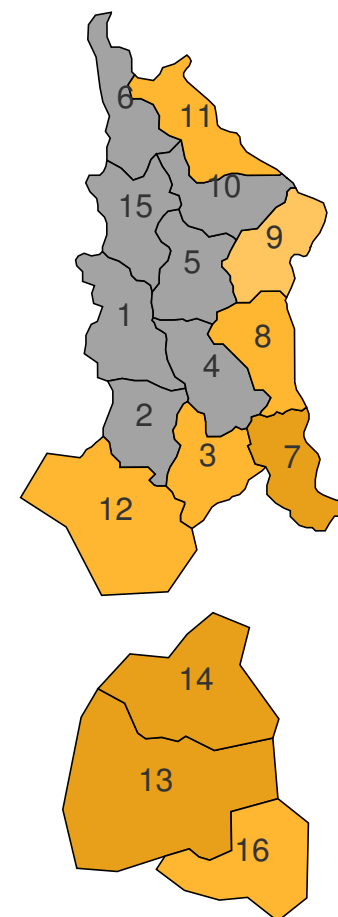


Table 10 | Performance by site/zone

Teknaf	W3		Cumulative (2018)	
	# alerts	% verif.	# alerts	% verif.
Baharchora	0	0%	0	0%
Chakmarkul	0	0%	2	100%
Leda MS	3	100%	6	100%
MoH CC	0	0%	0	0%
Nayapara RC	2	100%	2	100%
Sabrang	0	0%	0	0%
Shamlapur	0	0%	0	0%
Teknaf UHC	0	0%	3	100%
Unchiprang	3	100%	5	

Map 7 | Number of alerts by site/zone

- 1 Nayapara RC
- 2 Leda MS
- 3 Chakmarkul
- 4 Unchiprang
- 5 Shamlapur
- 6 Jadimura

of alerts



Table 11 | Performance by type of alert

Event	W3		Cumulative (2018)	
	# alerts	% verif.	# alerts	% verif.
Indicator-based surveillance				
Malaria	0	0%	0	0%
Measles/Rubella	30	97%	100	88%
Bloody Diarr.	0	0%	0	0%
AFP	1	100%	5	80%
Meningitis	1	100%	1	100%
Haem. fever (susp.)	2	100%	7	100%
NNT	0	0%	0	0%
Unexp. fever	1	100%	1	100%
AWD	1	100%	1	100%
ARI	1	100%	1	100%
AJS	15	100%	38	87%
Event-based surveillance				
EBS total	34	100%	72	96%

Table 12 | Risk assessment

W3	Cumulative (2018)	
0	0	Low risk
0	0	Moderate risk
0	1	High risk
0	0	Very high risk

For more help and support, please contact:

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Notes

WHO and the Ministry of Health and Family Welfare gratefully acknowledge all partners who have reported the data used in this bulletin.

The data been collected with support from the EWARS project. This is an initiative to strengthen early warning, alert and response in emergencies. It includes an online, desktop and mobile application that can be rapidly configured and deployed in the field. It is designed with frontline users in mind, and built to work in difficult and remote operating environments. This bulletin has been automatically published from the EWARS application.

More information can be found at <http://ewars-project.org>

Sign-up for an account with EWARS Bangladesh at <http://bd.ewars.ws>



Ministry of Health
and Family Welfare
Bangladesh

