Global
EWARS

Epidemiological Highlights

Week 20 (17-23 May 2021)

World Health
Organization

Highlights: COVID-19

As of week 20, (17-23 May 2021) there are 1,013 confirmed cases of COVID-19 (SARS-CoV-2), 42 483 samples were tested, total positivity rate (TPR) 2.4%.

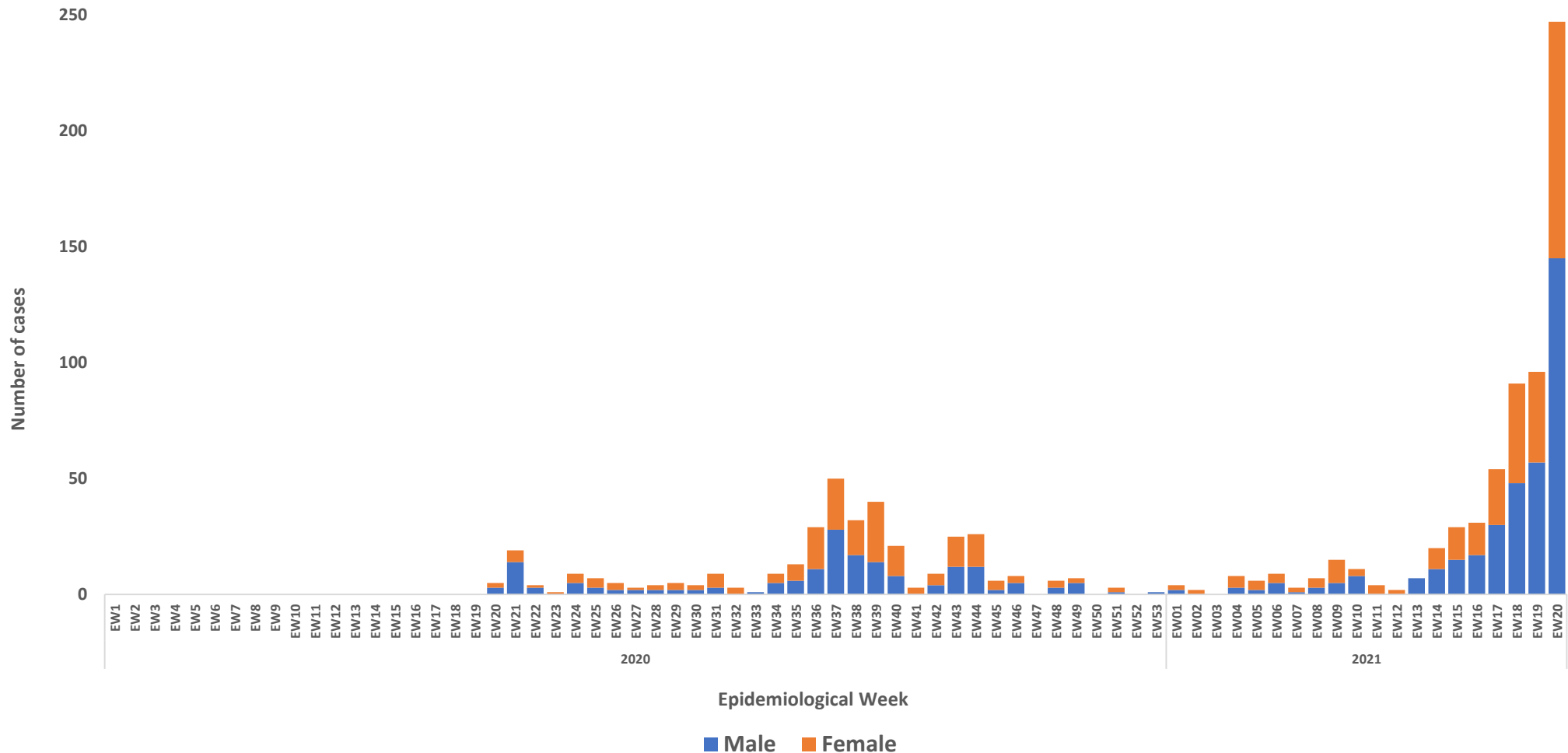This week (week 20), 247 new confirmed cases detected, 1 554 samples were tested, test positivity was 15.9%.

Cases per million in last 7 days 287.3 with a change in last 7 days 157%.

As of this week (week 20)
- Median age of tested and confirmed cases is 10 (0-120) and 21 (0-90) years
- Female among tested and confirmed cases is 54% and 47%
- All 34/34 camps have confirmed cases (C24-91, C2W89, C4-80, C3-70, C15-70)
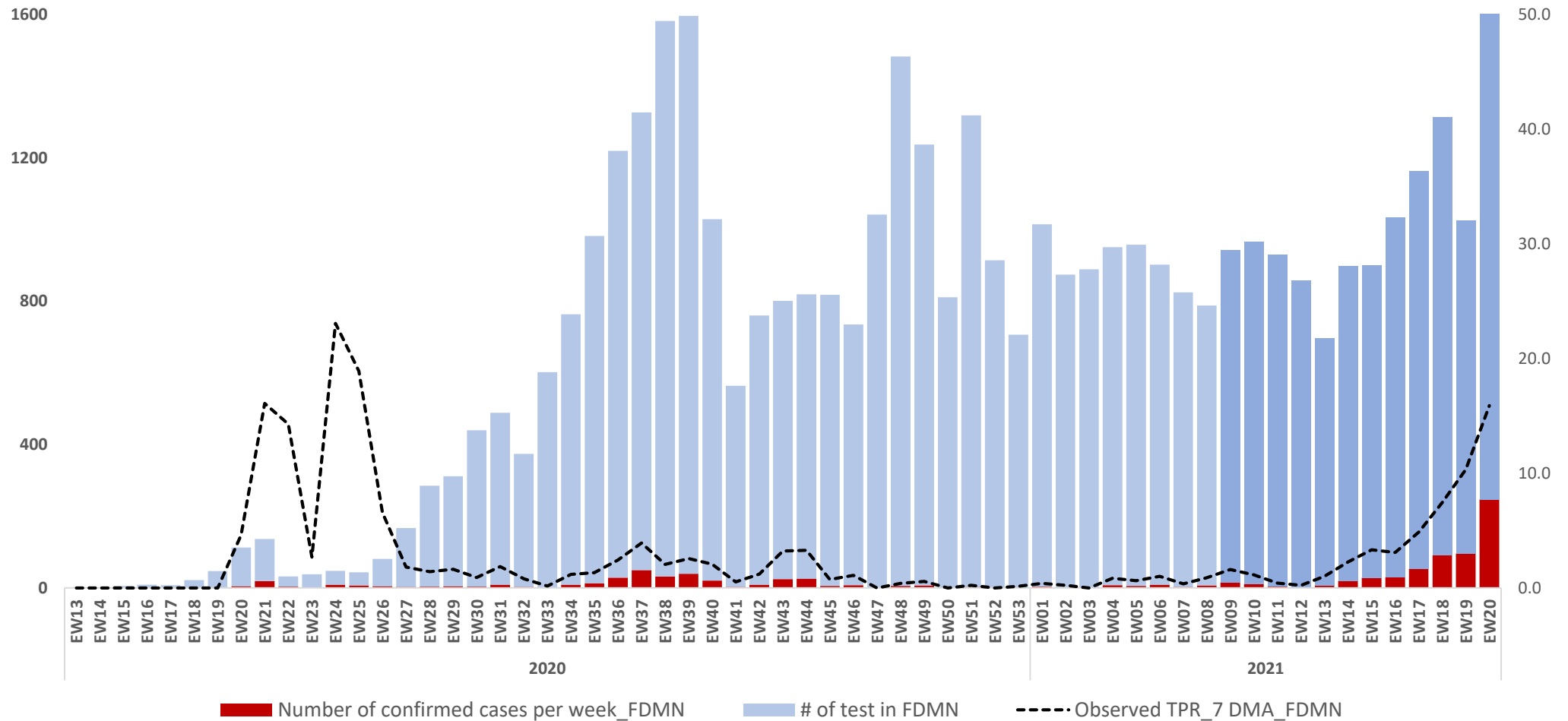- A total of 17 deaths from COVID-19 with the case fatality rate 1.7%

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Highlights: COVID-19

COVID-19 positive cases (n=1,013) by week of test

Epidemiological Highlights
Week 20, 2021

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Highlights: COVID-19

Test 42,483, case 1,013 and TPR 2.4 among refugees, 2020-2021 W20

Legend:
- Number of confirmed cases per week_FDMN
- # of test in FDMN
- Observed TPR_7 DMA_FDMN

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Highlights: COVID-19

COVID-19 Cases and Deaths in Rohingya Camps (as of 23rd May 2021)

Number of Cases
- 00 - 10
- 11 - 20
- 21 - 30
- 31 - 40
- 41 - 50
- 51 - 95

Number of Deaths

1013 Confirmed Cases in FDMN/Rohingya Refugee Camps
1178 Confrimed Cases / 1 Milion
16 Deaths in FDMN/Rohingya Refugee Camps
19 Deaths/ 1 Milion

Age and sex distribution (%) (n=1,013)

F-47%

Female   Male

Death reported by age and sex (%) (n=16)

F-56%

Female   Male

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Week 20, 2021

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Highlights: COVID-19

Severity of reported cases at presentation (n=777)

- Missing, 3.2%
- Severe, 4.4%
- Moderate, 10.7%
- Asymptomatic, 8.6%
- Mild, 73.1%
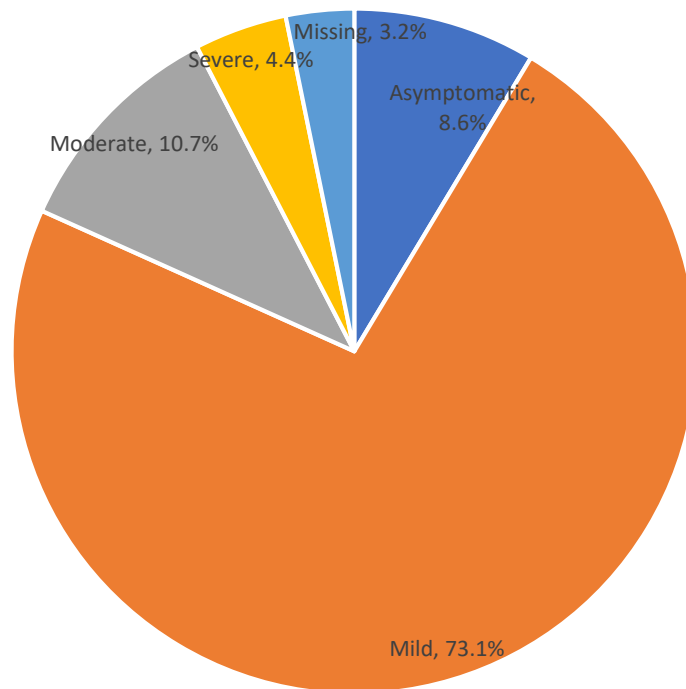
Did the case report at least 1 co-morbidity (n=777)

- Yes 5.8%
- No 94.2%

Source: Go.Data

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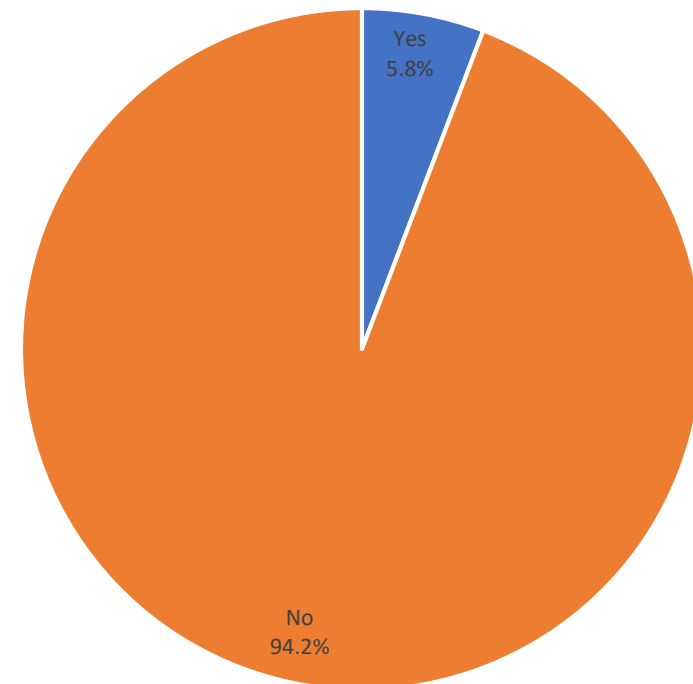
Highlights: COVID-19 Contact Tracing

- Total 777 (out of 1,013) confirmed cases have been investigated by Rapid Investigation and Response Team (RIRT) and captured through go.data as of week 20

- Total 2,364 contacts have been identified and registered for follow up

- Out of those, 1,758 (74%) contacts have been completed the follow up

- Fifty-three (3.1% out of contact completed follow up) contacts became tested positive for COVID-19.

- Average number of contacts is ~4 per positive case

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EWARS Reporting Updates

- Total 172 health facilities registered in EWARS

- Only 129/172 weekly reports received on time in week 20

- Seventy-two (72) alerts were triggered in week 20

- Timeliness for this week is 75%

- All alerts were reviewed and verified by WHO EWARS team, the number is more than that of previous week (34 in week 20).

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Highlights:

- Acute Respiratory Infection (18.0%), Diarrheal Diseases (5.1%) & unexplained fever (1.8%) are the diseases with highest proportional morbidity in week 20.

- Suspected SARI death under enhanced Community-based mortality surveillance has been continued since week 28, 2020.
  - Eighty-six (86) suspected SARI deaths have been reported so far and reviewed subsequently by Rapid Investigation and Response Team (RIRT) for COIVD-19.
  - Total ten (10) SARI deaths were considered as death due to probable COVID-19 till date.

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Diphtheria

Four (04) suspected diphtheria case was reported in go.data in week 20

A total of 9 274 case-patients were reported since 2017 to till date

- Confirmed = 343
- Probable = 2 803
- Suspected = 6 128

Total case reported in 2021 = 88

- Confirmed = 1
- Probable = 25
- Suspected = 62

Last confirmed case was reported in week 1 (4 January 2021)

In total 47 deaths were reported, last death reported on 25 October 2019.
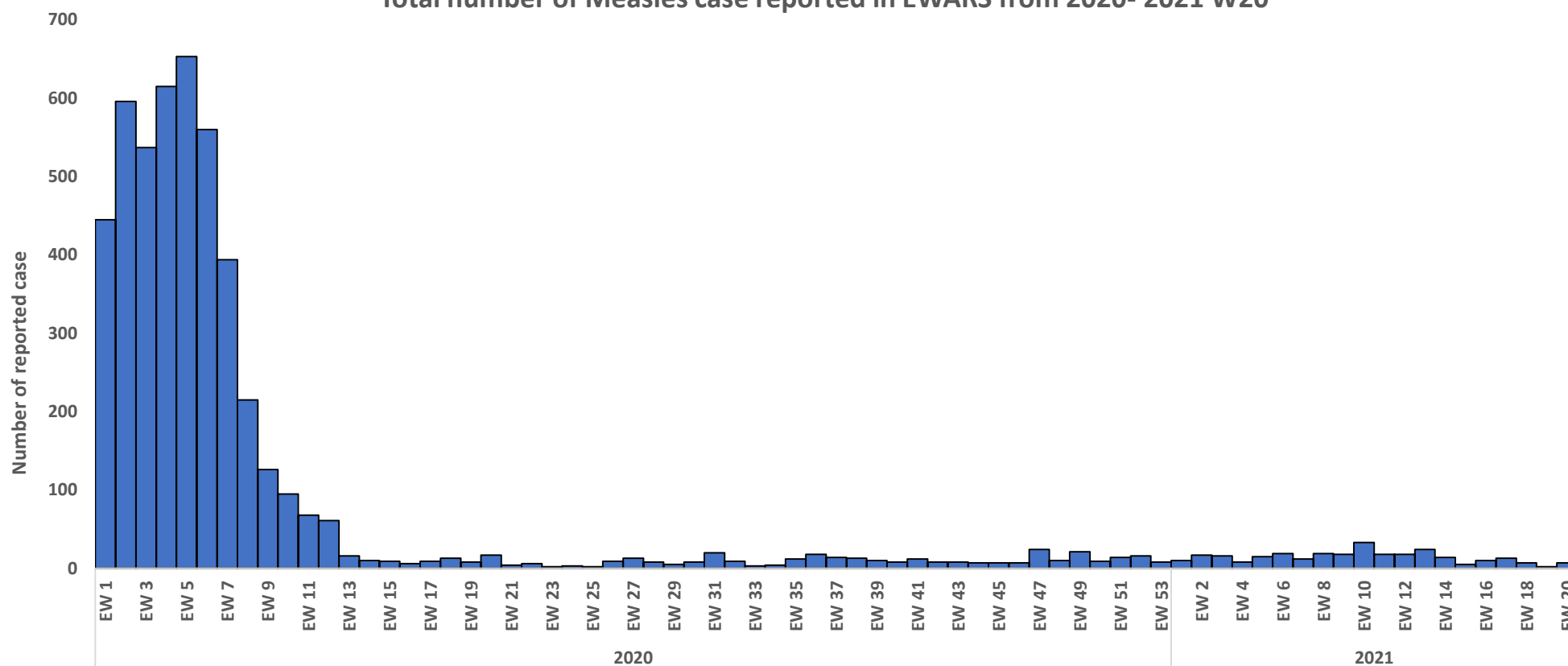
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Diphtheria

Total number of diphtheria case reported in EWARS from 2020-2021 W20

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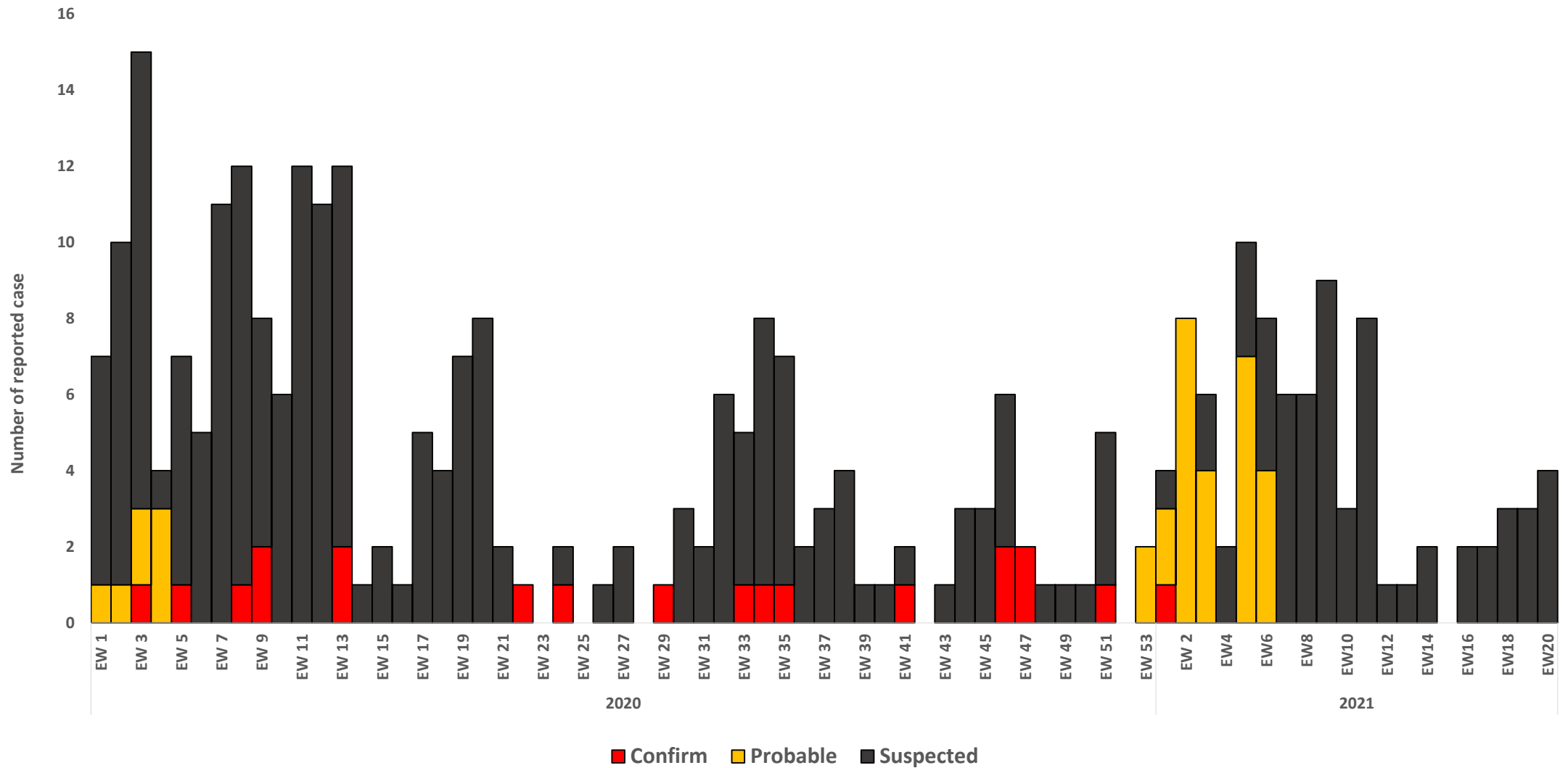
Measles

Total number of Measles case reported in EWARS from 2020- 2021 W20

In week 20, 7 suspected measles cases were reported through weekly reporting make 285 cases in total in 2021. Out of those 218 cases (76%) reported through case-based reporting and samples collected for laboratory confirmation.

Epidemiological Highlights
Week 20, 2021

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Diarrhoeal Disease

Total number of AWD case reported in EWARS from 2018-2021 W20
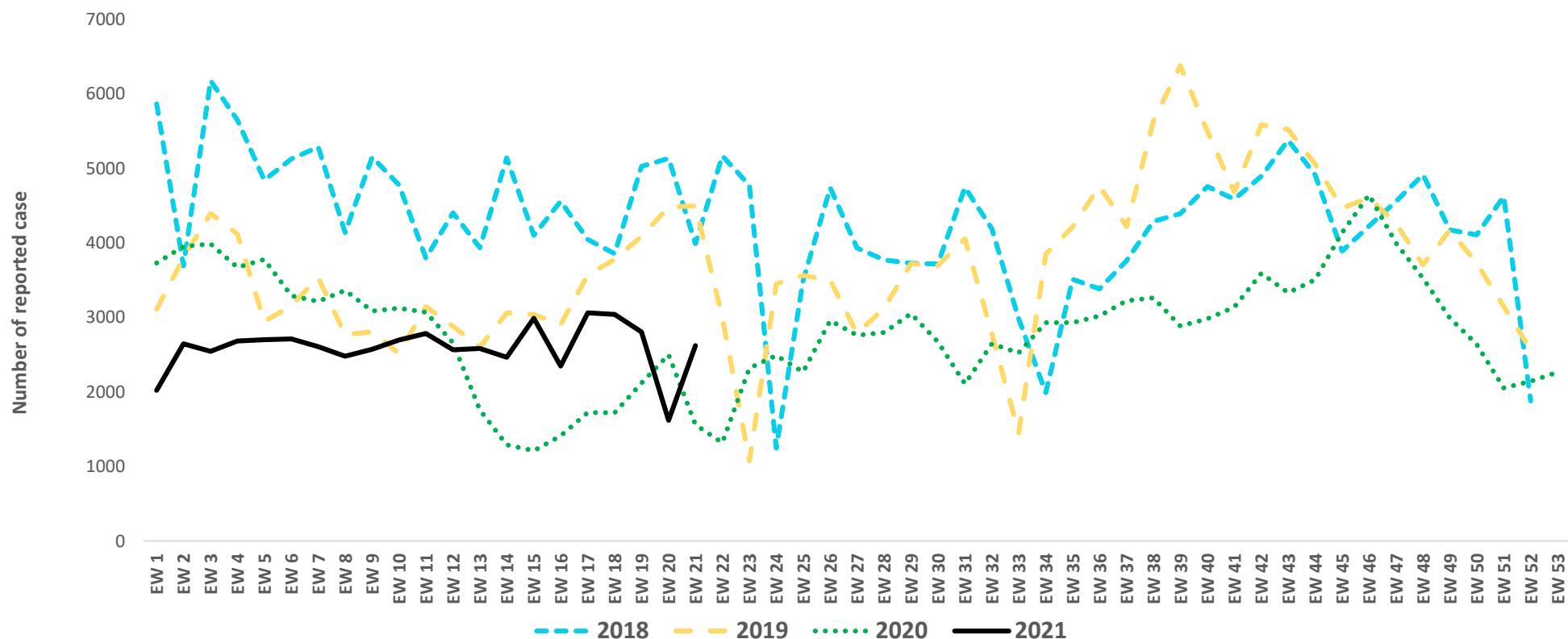
- A total of 3,116 cases of diarrhoeal diseases reported in EWARS in week 20.

- Among which 2,249 cases (3.7%) reported as acute watery diarrhoea (AWD), remaining 619 (1.0%) and 248 (0.4%) cases as other and bloody diarrhea, respectively.

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Cholera Surveillance

- Total thirty-nine (39) Cholera RDT positive/culture cases reported as of W20 2021. Out of those 9 were confirmed and 24 by culture and remaining 6 results yet to be received.

- In 2020, total 28 RDT/Culture positive cases for Cholera detected through sentinel testing. Specifically, 5 became confirmed by culture - 2 from Ukhiya Host, 1 from Teknaf host and 2 from Refugees.
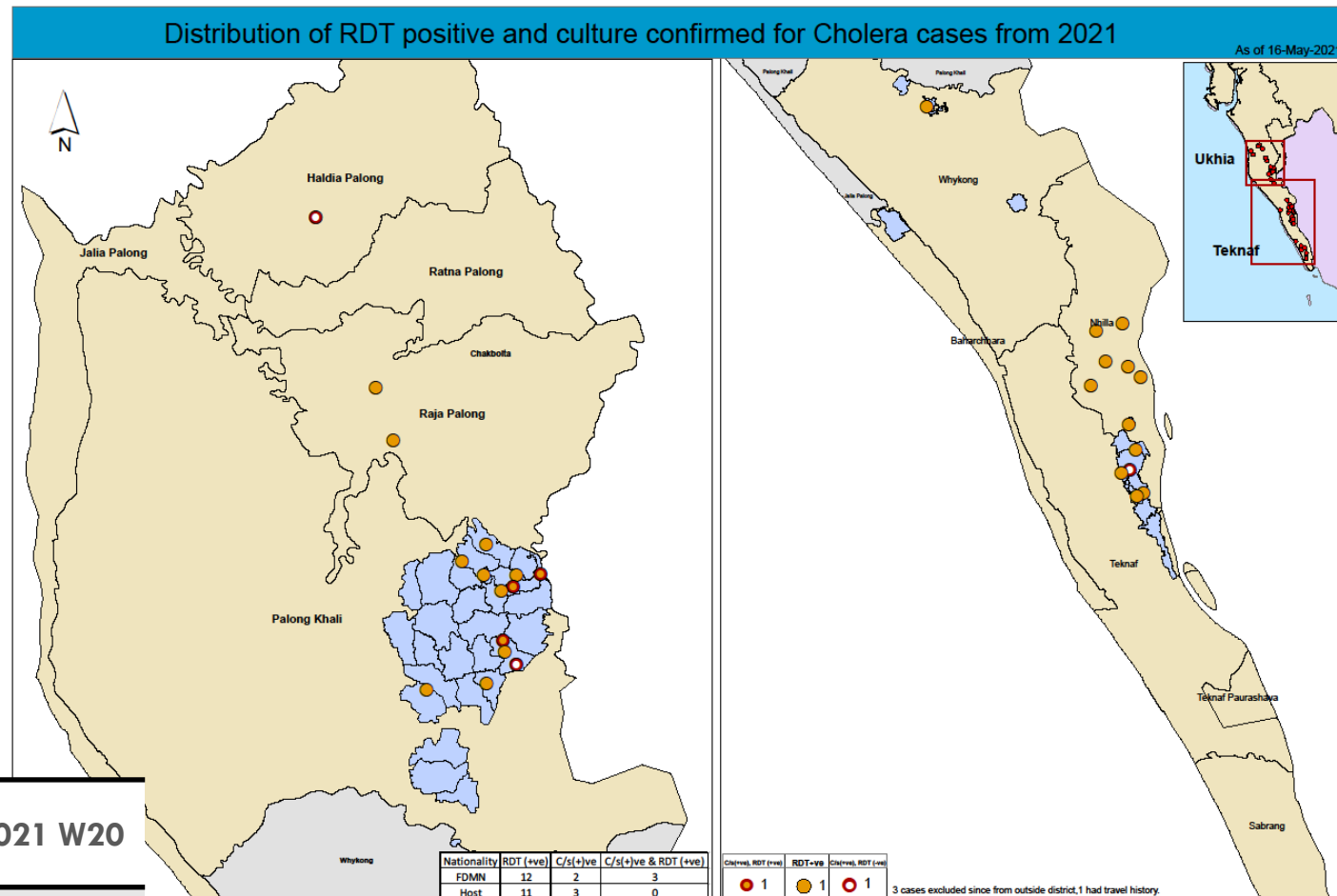
	2018	2019	2020	2021 W20
RDT positive for Cholera	49	258	28	30
Culture Confirmed for Cholera	7	184	5*	9

*3 culture confirmed cases were RDT negative in 2020

Distribution of RDT positive and culture confirmed for Cholera cases from 2021

As of 16-May-2021

Nationality	RDT (+ve)	C/s(+)ve	C/s(+)ve & RDT (+ve)
FDMN	12	2	3
Host	11	3	0

3 cases excluded since from outside district,1 had travel history.

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Week 20, 2021

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Community-based Mortality surveillance

- In week 20, 50 deaths were recorded -
  - 64% (n=32) were due to causes classified as "Others"
  - 12% (n=6) as still birth (Born Dead)
  - 8% (n=4) as neonatal (<28 days old)
  - 6% (n=3) as injury
  - 2% (n=1) as infectious disease
  - 2% (n=1) as severe acute respiratory infection (SARI)
  - 6% (n=3) as maternal death

- Out of reported deaths, 30% occurred in health facilities and 58% at homes and 12% from community/public place

- Partners to report all mortalities into EWARS platform using both case and event-based reporting as applicable.

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Community-based Mortality Surveillance

Gender distribution

24 (48%)
26 (52%)
50

● FEMALE ● MALE

Place of death

6 (12%)
15 (30%)
29 (58%)

● HOME ● HEALTH FACILITY ● COMMUNITY/PUBLIC PLACE
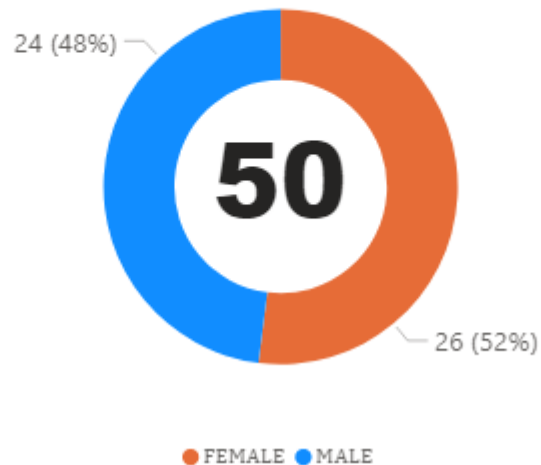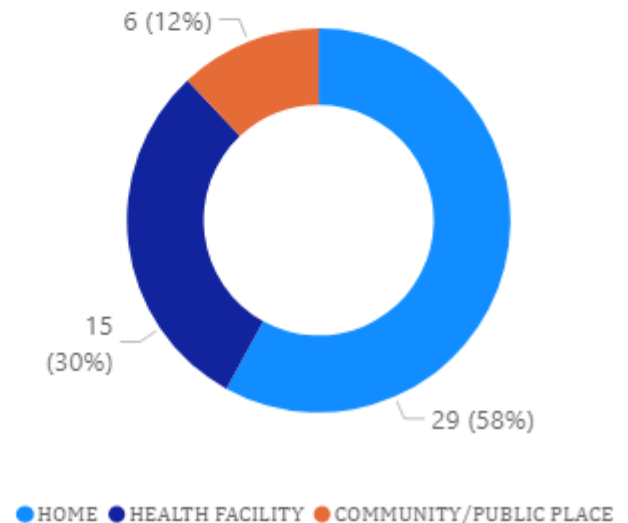
Distribution of deceased Camp

7 — CAMP 14
5 — CAMP 24 Leda
3 — CAMP 11
3 — CAMP 15
3 — CAMP 26 NAYAPARA
3 — CAMP 8W
2 — CAMP 10
2 — CAMP 13
2 — CAMP 19
2 — CAMP 1E
2 — CAMP 20
2 — CAMP 27 JADIMURA
2 — CAMP 2E
2 — CAMP 6
2 — NAYAPARA RC
1 — CAMP 17
1 — CAMP 1W
1 — CAMP 22 UNCHIPR...
1 — CAMP 3
1 — CAMP 4 EXT
1 — CAMP 7
1 — CAMP 9
1 — KUTAPALONG RC
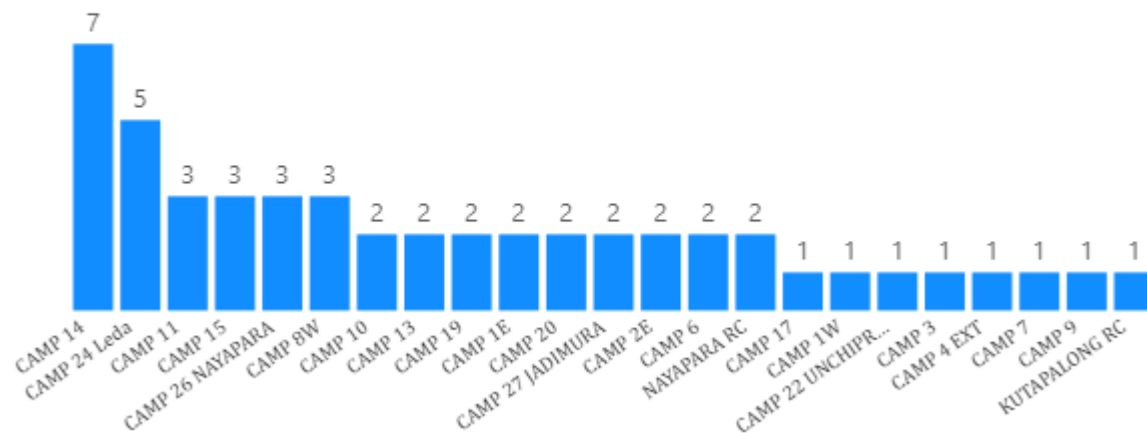
Distribution of Probable cause of death

32 — OTHER
6 — STILL BIRTH (BORN DEAD)
4 — NEONATAL (<28 DAYS OLD)
3 — INJURY
3 — MATERNAL DEATH
1 — INFECTIOUS DISEASE
1 — SEVERE ACUTE RESPIRATORY INFECTION (SARI)

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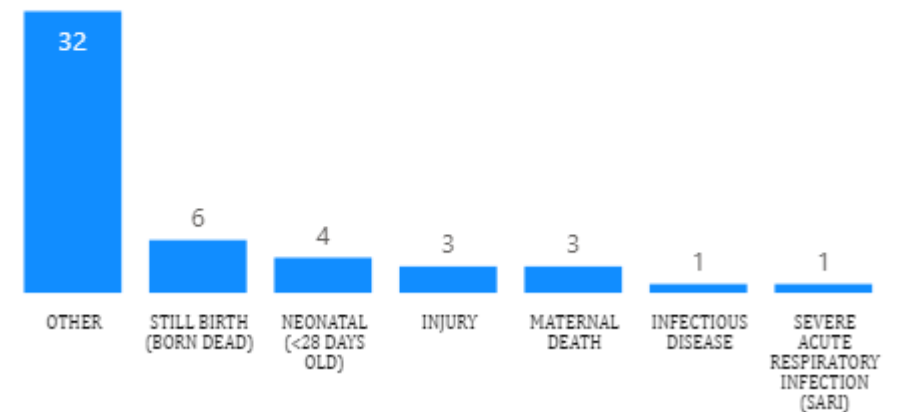
Bangladesh

Rohingya Emergency Response

Early Warning, Alert and Response System (EWARS)

Epidemiological Bulletin W20 2021

Contents

Sources of data

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

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Table 1 | Coverage

#	%	
866,457	-	Estimated total Rohingya population[1]
866,457	100%	Total population under surveillance
175	-	Total number of health facilities
172	98%	Number of EWARS reporting sites

Table 2 | Early warning performance indicators

W20	Cumulative (2021)	
129	3221	Number of weekly reports received
75%	88%	Completeness
75%	83%	Timeliness

Table 3 Alert performance indicators

W20	Cumulative (2021)	
72	1,340	Total alerts raised
100%	100%	% verified
0%	0%	% auto-discarded
3%	1%	% undergoing risk assessment
0%	1%	% completed risk assessment

[1] Source: UNHCR. Bangladesh: Joint Goverment of Bangladesh- UNHCR Population Factsheet. 31 December 2020.

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Map 1a | Ukhia completeness by camp

1 Camp 1E
2 Camp 4
3 Camp 1W
4 Camp 7
5 Camp 5
6 Camp 2E
7 Camp 11
8 Camp 8E
9 Camp 2W
10 Camp 10
11 Camp 20
12 Camp 8W
13 Camp 17
14 Camp 18
15 Camp 19
16 Camp 4 Ext
17 Camp 20 Ext
18 Camp 9
19 Camp 3
20 Camp 16
21 Kutupalong RC
22 Camp 6
23 Camp 12
24 Camp 15
25 Camp 14
26 Camp 13
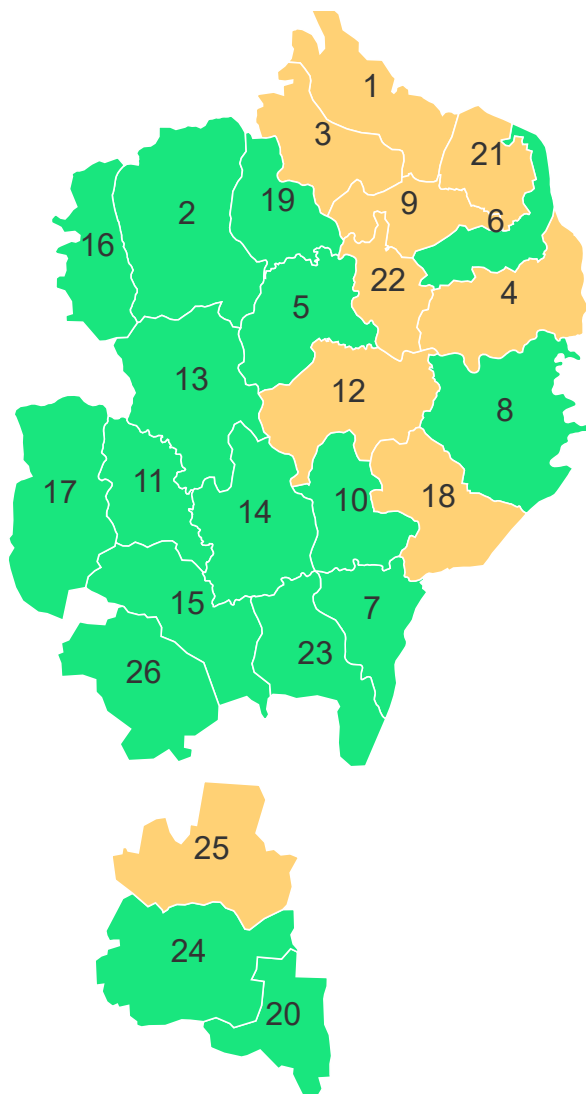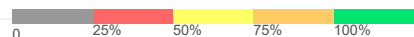
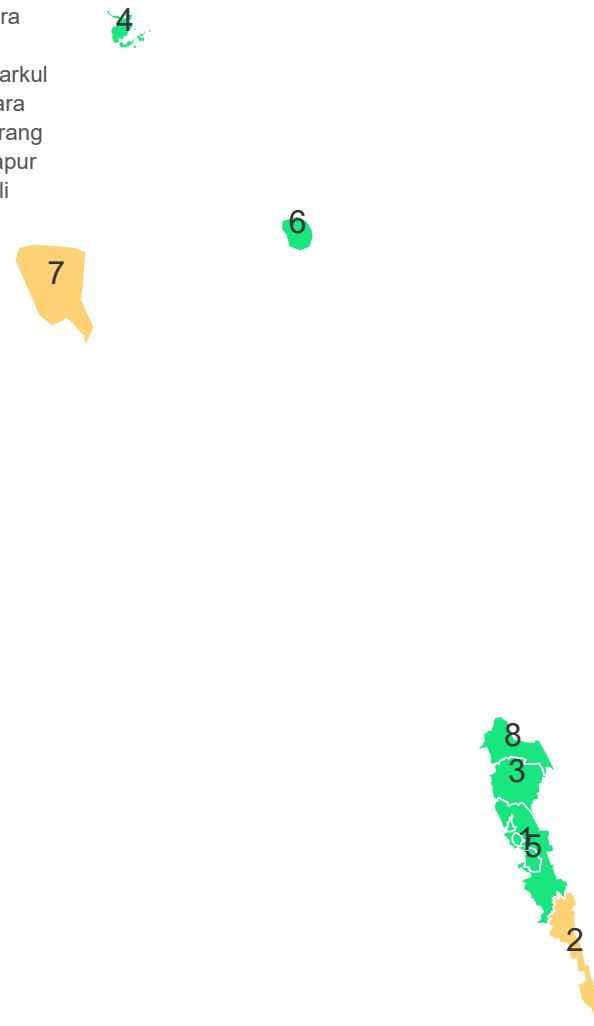## Map 1b | Teknaf completeness by camp

1 Nayapara RC
2 Camp 27 Jadimura
3 Camp 24 Leda
4 Camp 21 Chakmarkul
5 Camp 26 Nayapara
6 Camp 22 Unchiprang
7 Camp 23 Shamlapur
8 Camp 25 Ali Khali

Completeness

0   25%   50%   75%   100%

Completeness

0   25%   50%   75%   100%

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Table 4 | Performance by camp (W20 2021)

Northern group	Reporting		Performance	
	# health facilities	# reports received	Completeness	Timeliness
Ukhia Northern Group				
Camp 1E	4	2	50%	50%
Camp 1W	4	2	50%	50%
Camp 2E	3	3	100%	100%
Camp 2W	3	2	67%	67%
Camp 3	6	5	83%	83%
Camp 4	6	6	100%	100%
Camp 4 Ext	1	1	100%	100%
Camp 5	5	4	80%	80%
Camp 6	3	2	67%	67%
Camp 7	6	3	50%	50%
Camp 8E	8	6	75%	75%
Camp 8W	6	4	67%	67%
Kutupalong RC	2	1	50%	50%

Map 2 | Completeness by camp

1 Camp 1E
2 Camp 4
3 Camp 1W
4 Camp 7
5 Camp 5
6 Camp 2E
7 Camp 8E
8 Camp 2W
9 Camp 8W
10 Camp 4 Ext
11 Camp 3
12 Kutupalong RC
13 Camp 6

Completeness

0   25%   50%   75%   100%

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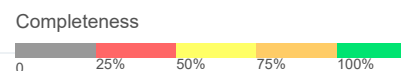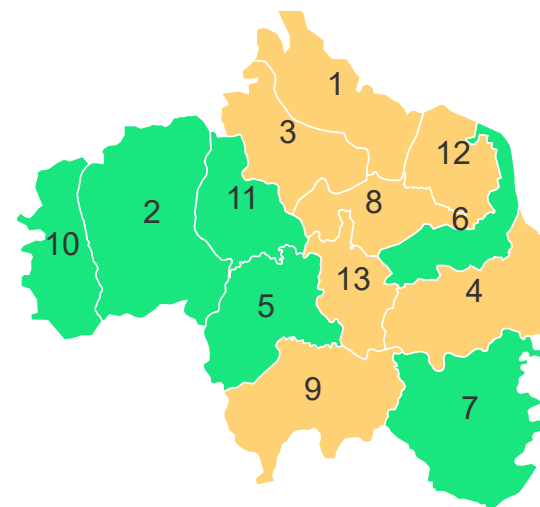
Table 5 | Performance by camp (W20 2021)

Southern group	Reporting		Performance	
	# health facilities	# reports received	Completeness	Timeliness
Ukhia Southern Group				
Camp 10	4	4	100%	100%
Camp 11	9	7	78%	78%
Camp 12	6	5	83%	83%
Camp 13	9	8	89%	89%
Camp 14	7	4	57%	57%
Camp 15	9	7	78%	78%
Camp 16	5	4	80%	80%
Camp 17	5	4	80%	80%
Camp 18	5	4	80%	80%
Camp 19	6	5	83%	83%
Camp 20	3	3	100%	100%
Camp 20 Ext	2	2	100%	100%
Camp 9	6	3	50%	50%

Map 3 | Completeness by camp

1 Camp 11
2 Camp 10
3 Camp 20
4 Camp 17
5 Camp 18
6 Camp 19
7 Camp 20 Ext
8 Camp 9
9 Camp 16
10 Camp 12
11 Camp 15
12 Camp 14
13 Camp 13

Completeness

| 0 | 25% | 50% | 75% | 100% |

World Health Organization HEALTH SECTOR COX'S BAZAR
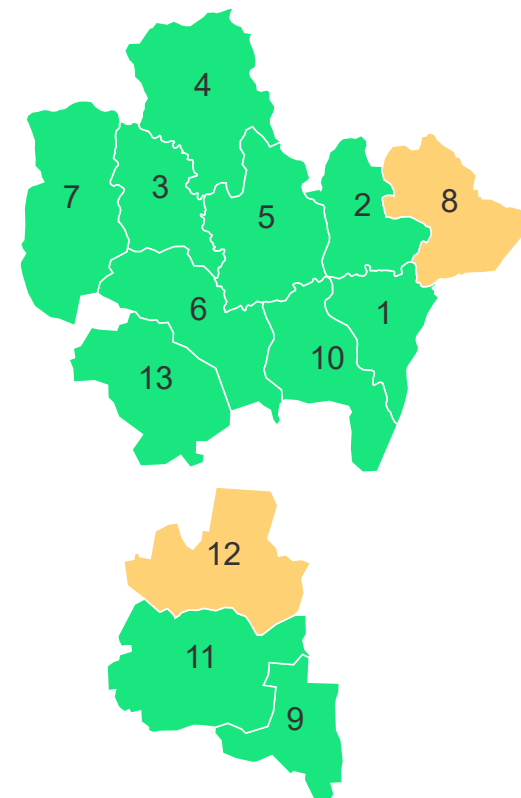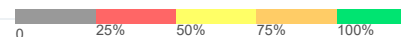
Table 6 | Performance by camp (W20 2021)

Teknaf	Reporting		Performance	
	# health facilities	# reports received	Completeness	Timeliness
		Ukhia Teknaf		
Camp 21 Chakmarkul	4	3	75%	75%
Camp 22 Unchiprang	4	3	75%	75%
Camp 23 Shamlapur	3	2	67%	67%
Camp 24 Leda	1	1	100%	100%
Camp 25 Ali Khali	3	3	100%	100%
Camp 26 Nayapara	4	3	75%	75%
Camp 27 Jadimura	2	1	50%	50%
Nayapara RC	2	2	100%	100%

Map 4 | Completeness by camp

1 Nayapara RC
2 Camp 27 Jadimura
3 Camp 24 Leda
4 Camp 21 Chakmarkul
5 Camp 26 Nayapara
6 Camp 22 Unchiprang
7 Camp 23 Shamlapur
8 Camp 25 Ali Khali

Completeness

0   25%   50%   75%   100%

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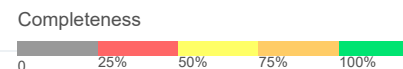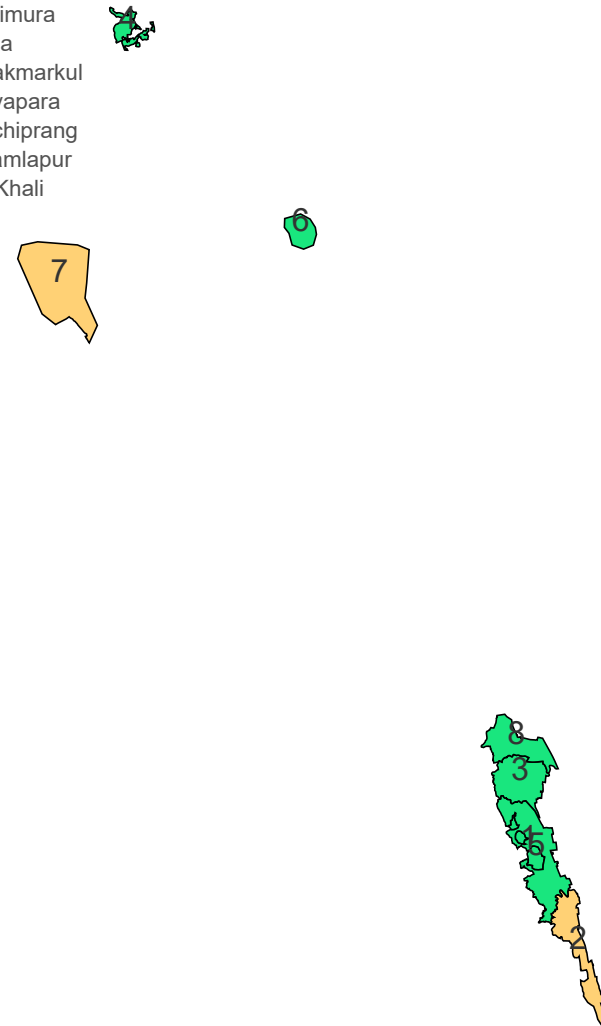
Table 7 | Performance by partner (W20 2021)

Partner	Performance		Reporting		Partner	Performance		Reporting	
	# sites	# reports received	Completeness	Timeliness		# sites	# reports received	Completeness	Timeliness
BDRCS	12	11	92%	92%	FH/MTI	3	3	100%	100%
BRAC	11	11	100%	100%	PHD	10	10	100%	100%
CARE		4	100%	100%	PWJ	1	1	100%	100%
					RHU	3	3	100%	100%
					RI	3	3	100%	100%
					RTMI	11	10	91%	91%
					SCI	7	7	100%	100%
					TdH	1	1	100%	100%
FHM	0	0							
FRNDS	12	2	17%	17%					
GK	10	7	70%	70%					
HMBDF	1	0	0%	0%					
IOM	23	18	78%	78%					
IRC	2	2	100%	100%					
MSF	9	6	67%	67%					
MoH	7	2	29%	29%					
Hope	4	4	100%	100%					
Medair	2	2	100%	100%					

Alert | Ukhia (Northern Group)

Table 8 | Performance by camp

Northern group	W20		Cumulative (2021)	
	# alerts	% verif.	# alerts	% verif.
	Alerts Northern group			
Camp 1E	2	100%	25	100%
Camp 1W	1	100%	43	100%
Camp 2E	9	100%	107	100%
Camp 2W	1	100%	32	100%
Camp 3	2	100%	65	100%
Camp 4	3	100%	64	100%
Camp 4 Ext	1	100%	10	100%
Camp 5	2	100%	59	100%
Camp 6	1	100%	36	100%
Camp 7	0	0%	14	100%
Camp 8E	1	100%	20	100%
Camp 8W	4	100%	74	100%
Kutupalong RC	1	100%	17	100%

Map 5 | Number of alerts by camp

1 Camp 1E
2 Camp 4
3 Camp 1W
4 Camp 7
5 Camp 5
6 Camp 2E
7 Camp 8E
8 Camp 2W
9 Camp 8W
10 Camp 4 Ext
11 Camp 3
12 Kutupalong RC
13 Camp 6

# of alerts

0   2   5   10
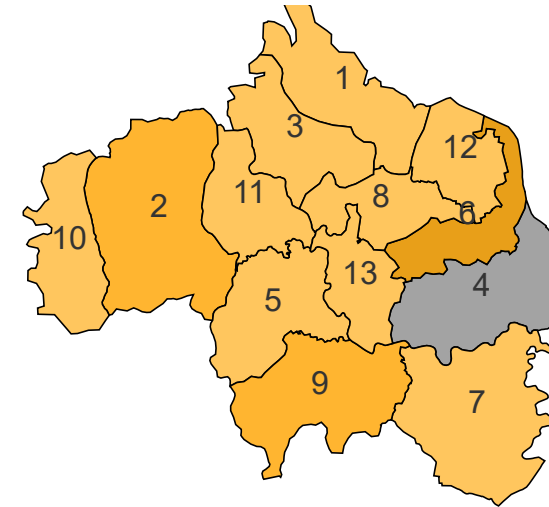
Table 9 | Performance by camp

Southern group	W20		Cumulative (2021)	
	# alerts	% verif.	# alerts	% verif.
		Alerts Northern group		
Camp 10	2	100%	46	100%
Camp 11	4	100%	46	100%
Camp 12	2	100%	49	100%
Camp 13	6	100%	55	100%
Camp 14	1	100%	37	100%
Camp 15	2	100%	48	100%
Camp 16	4	100%	63	100%
Camp 17	4	100%	38	100%
Camp 18	3	100%	58	100%
Camp 19	2	100%	31	100%
Camp 20	2	100%	32	100%
Camp 20 Ext	0	0%	18	100%
Camp 9	3	100%	52	100%

Map 6 | Number of alerts by camp

1 Camp 11
2 Camp 10
3 Camp 20
4 Camp 17
5 Camp 18
6 Camp 19
7 Camp 20 Ext
8 Camp 9
9 Camp 16
10 Camp 12
11 Camp 15
12 Camp 14
13 Camp 13

# of alerts

0   2   5   10

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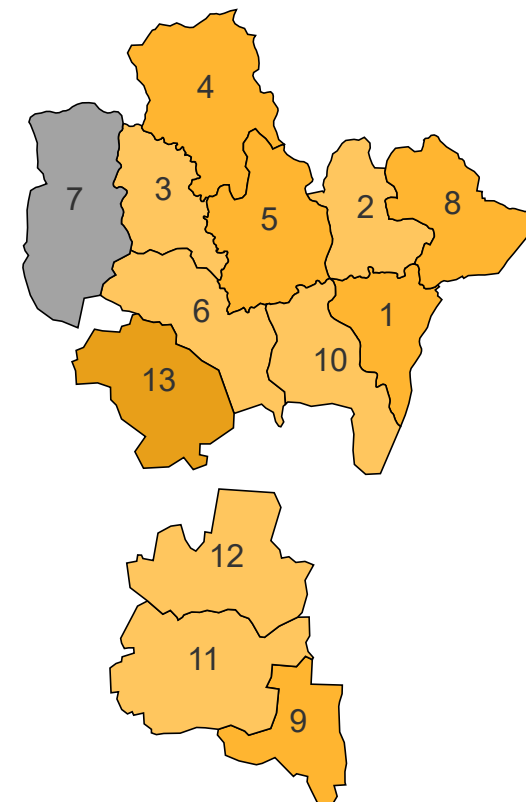
Table 10 | Performance by camp

Teknaf	W20		Cumulative (2021)	
	# alerts	% verif.	# alerts	% verif.
Alerts Northern group				
Camp 21 Chakmarkul	0	0%	11	100%
Camp 22 Unchiprang	2	100%	27	100%
Camp 23 Shamlapur	1	100%	13	100%
Camp 24 Leda	2	100%	32	100%
Camp 25 Ali Khali	0	0%	10	100%
Camp 26 Nayapara	0	0%	62	100%
Camp 27 Jadimura	0	0%	8	100%
Nayapara RC	3	100%	18	100%

Map 7 | Number of alerts by camp

1 Nayapara RC
2 Camp 27 Jadimura
3 Camp 24 Leda
4 Camp 21 Chakmarkul
5 Camp 26 Nayapara
6 Camp 22 Unchiprang
7 Camp 23 Shamlapur
8 Camp 25 Ali Khali

# of alerts

0   2   5   10

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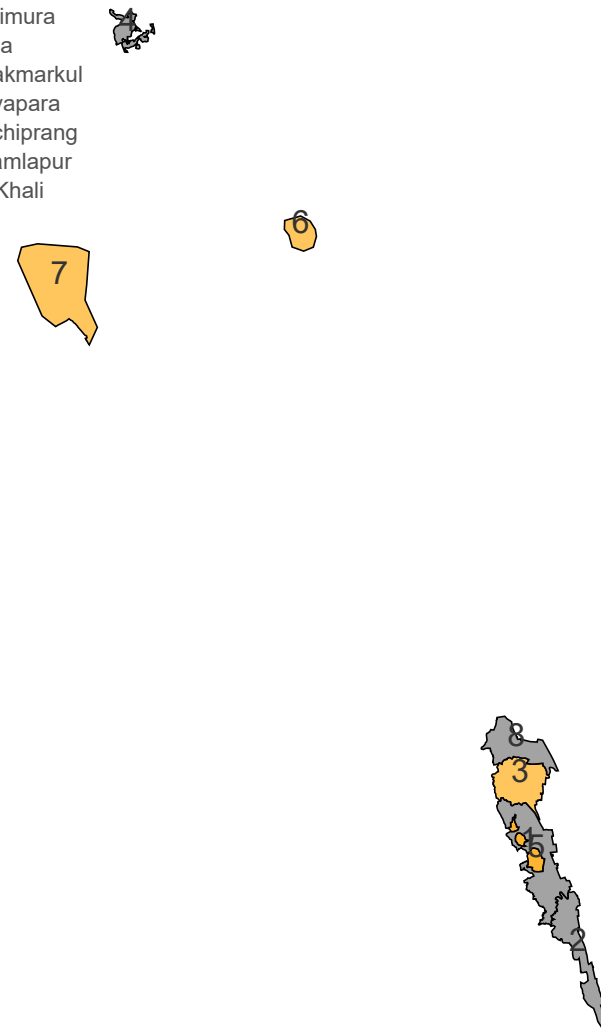
Table 11 | Performance by type of alert

Event	W20		Cumulative (2021)	
	# alerts	% verif.	# alerts	% verif.
Indicator-based surveillance				
Malaria	0	0%	2	100%
Measles	7	100%	188	100%
Bloody Diarr.	0	0%	0	0%
AFP	0	0%	5	100%
Meningitis	1	100%	21	100%
Haem. fever (susp.)	0	0%	3	100%
NNT	0	0%	0	0%
Unexp. fever	6	100%	59	100%
AWD	7	100%	121	100%
ARI	8	100%	96	100%
AJS	1	100%	12	100%
Varicella (Susp.)	0	0%	29	100%
Suspected COVID-19	0	0%	0	0%
Event-based surveillance				
EBS total	3	100%	99	100%

Table 12 | Risk assessment

W20	Cumulative (2021)	
0	14	Low risk
0	2	Moderate risk
0	1	High risk
0	0	Very high risk

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For more help and support, please contact:

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National Professional Officer (Disease Surveillance &
Epidemiology)
World Health Organization
Cox's Bazar, Bangladesh

Telephone: +88 017 0120 2994

Email: khan@who.int

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

World Health Organization

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Rohingya Emergency Response

Early Warning, Alert and Response System (EWARS)

Annex W20 2021

Ministry of Health and Family Welfare Bangladesh

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Proportional morbidity

Figure 1 | Proportional morbidity (W20 2021)

0.0%

■ Acute Respiratory Infection (ARI)
■ Acute Watery Diarrhoea
■ Bloody diarrhoea
■ Other diarrhoea
■ Varicella (susp.)

■ Unexplained fever
■ Acute Jaundice Syndrome (AJS)
■ Measles/Rubella
■ Other
■ Vector-borne disease[*]

[*] Combines malaria and dengue cases (suspected and confirmed)
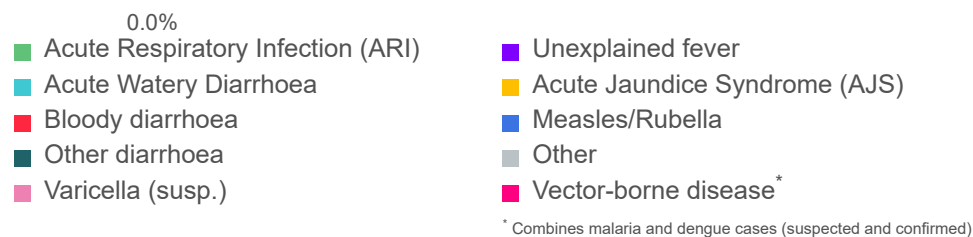
Disease	W20		2021	
	# cases	% morbidity	# cases	% morbidity
AWD	2,249	3.7%	54,237	3.2%
Bloody diarr.	248	0.4%	6,936	0.4%
Other diarr.	619	1.0%	18,709	1.1%
Susp. Varicella	49	0.1%	3,134	0.2%
ARI	10,942	18.0%	321,146	18.7%
Measles/Rub.	7	0.0%	293	0.0%
AFP	0	0.0%	6	0.0%
Susp. menin.	3	0.0%	63	0.0%
AJS	11	0.0%	176	0.0%
Susp. HF	0	0.0%	4	0.0%
Neo. tetanus	0	0.0%	0	0.0%
Adult tetanus	0	0.0%	1	0.0%
Malaria (conf.)	1	0.0%	19	0.0%
Malaria (susp.)	1,273	2.1%	10,203	0.6%
Dengue (conf.)	0	0.0%	3	0.0%
Dengue (susp.)	5	0.0%	22	0.0%
Unexpl. fever	1,127	1.8%	18,503	1.1%
Sev. Malnut.	20	0.0%	740	0.0%
Inj./Wounds	1,793	2.9%	46,374	2.7%
Other	42,541	69.8%	1,237,959	72.0%
Total	**59,794**	**100%**	**1,719,462**	**100%**

World Health Organization

HEALTH SECTOR COX'S BAZAR

Figure 2 | Trend in proportional morbidity for key diseases (W20)
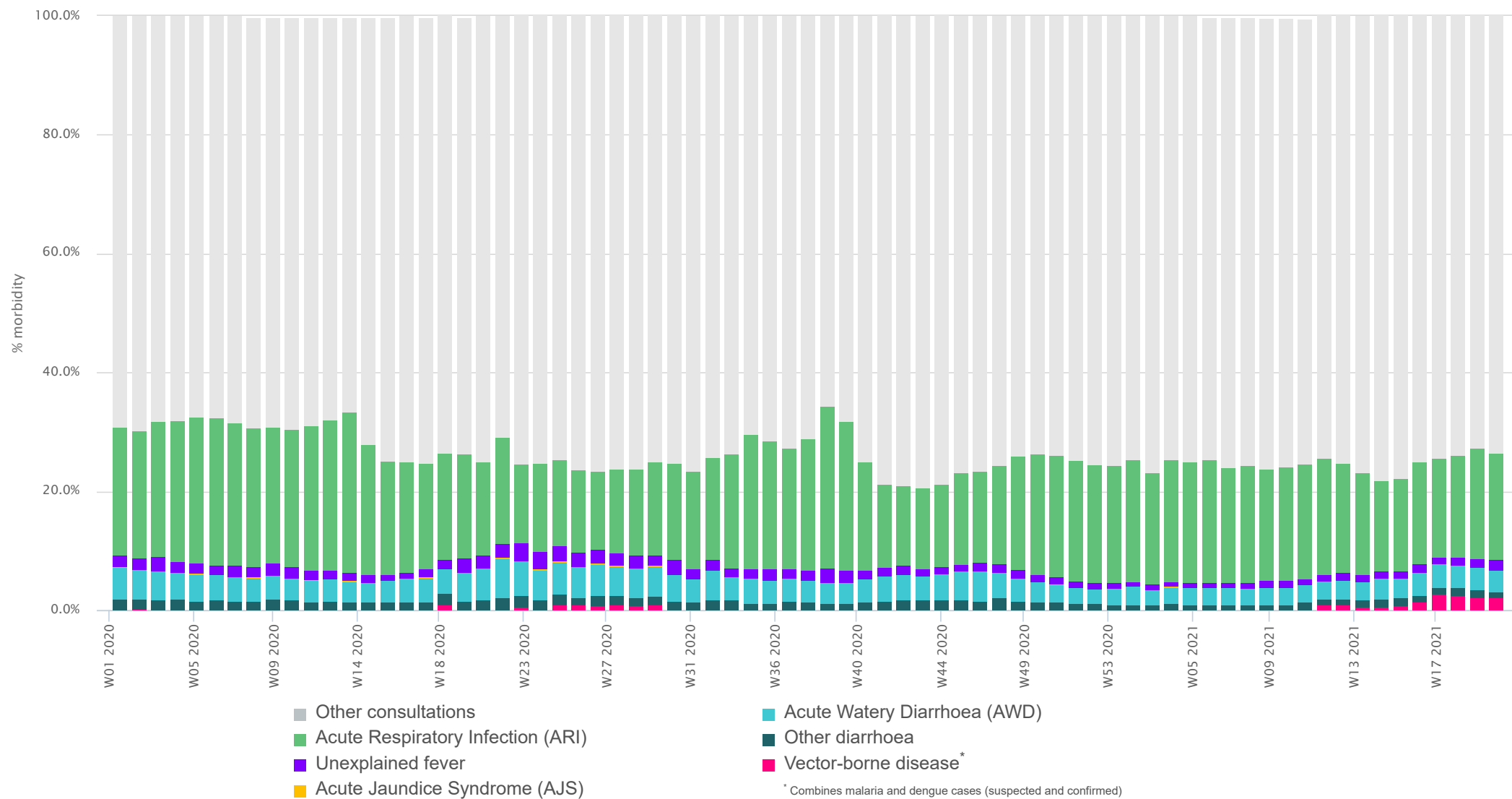
Figure 3 | Trend in number of cases over time (W38 2017 - W20 2021)
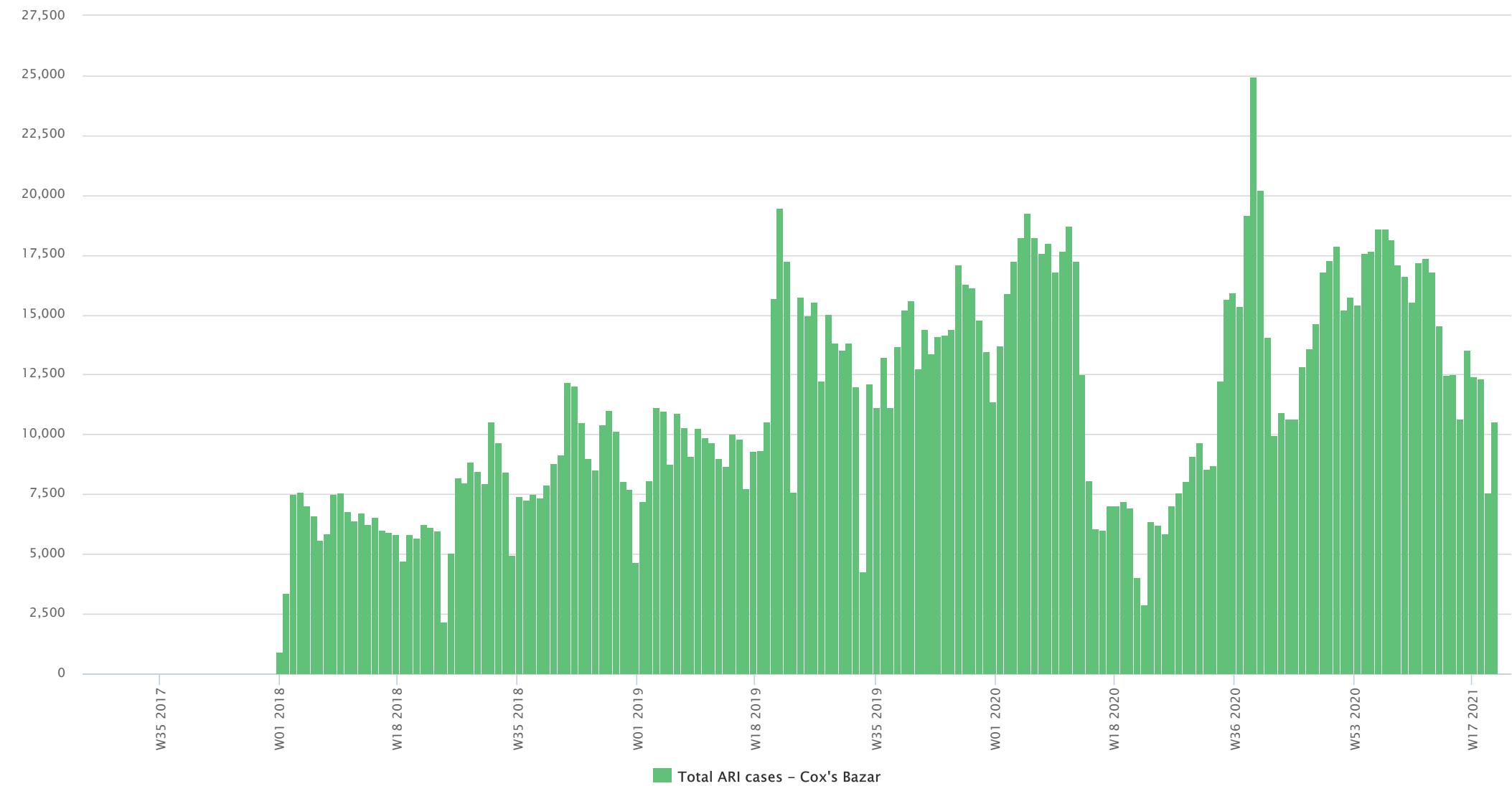
Total ARI cases – Cox's Bazar

World Health Organization

HEALTH SECTOR COX'S BAZAR

Acute Respiratory Infection | Maps and Alert Management
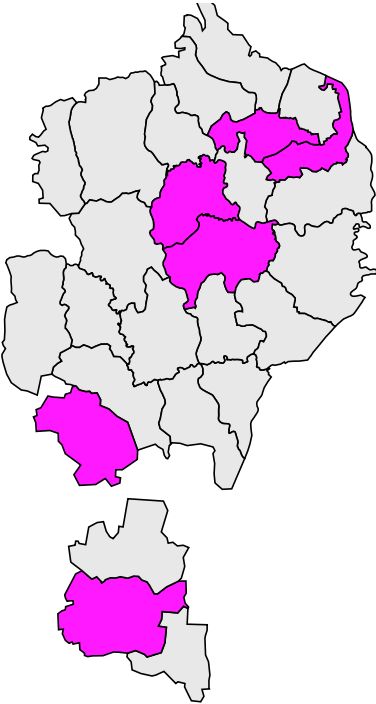
Map 1 | Map of cases by camp (W20 2021)

a. Ukhia | Number of cases
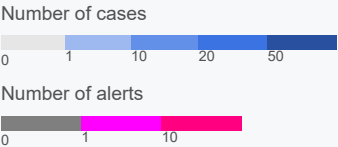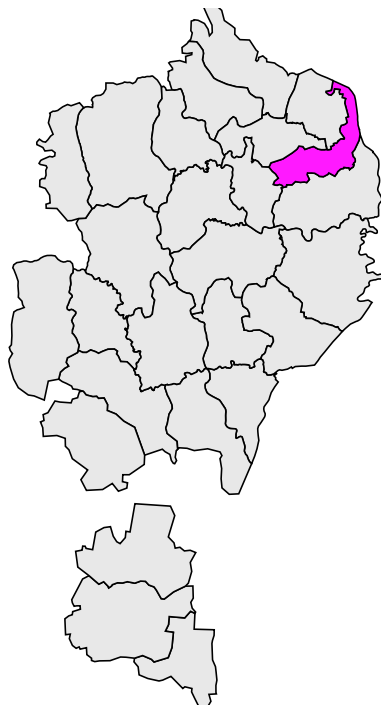
b. Ukhia | Number of alerts

c. Teknaf | Number of cases

d. Teknaf | Number of alerts

Map legend

Number of cases

0   1   100   200   500

Number of alerts

0   1   10

Alert threshold

Twice the average number of cases over the past 3 weeks. *Source: IEDCR*

Alert management (W20 2021)

0	**0%**	**0**	**0**	**0**	**0**
Alerts	Verified	Low Risk	Moderate Risk	High Risk	Very High Risk

Figure | % sex

- Male
- Female

Figure | % age

- >=5
- < 5

World Health Organization

HEALTH SECTOR COX'S BAZAR
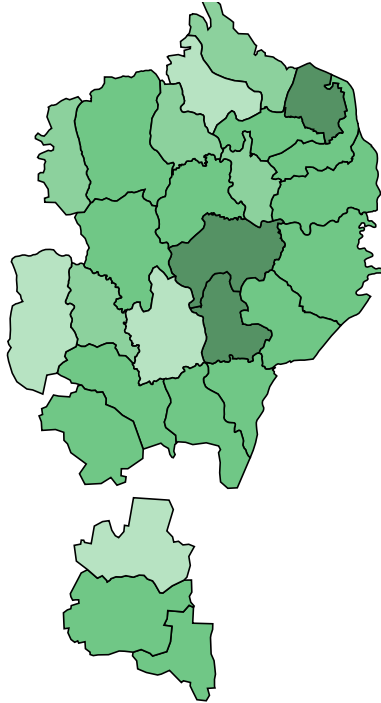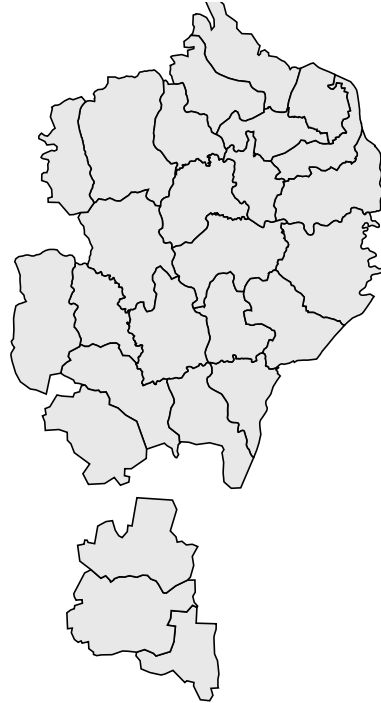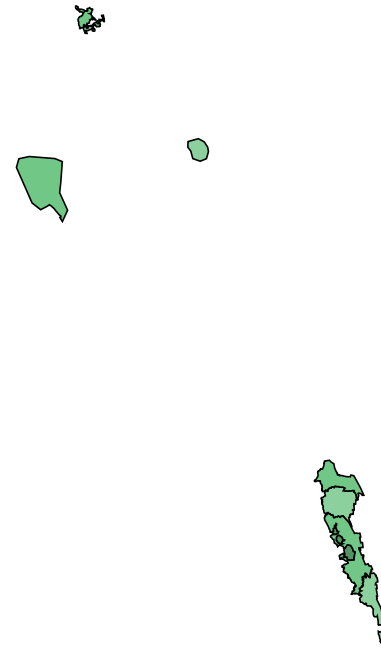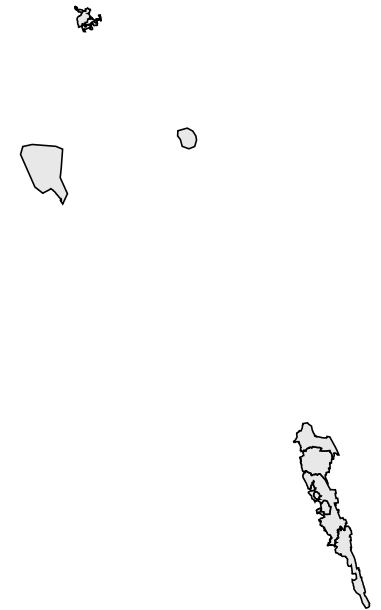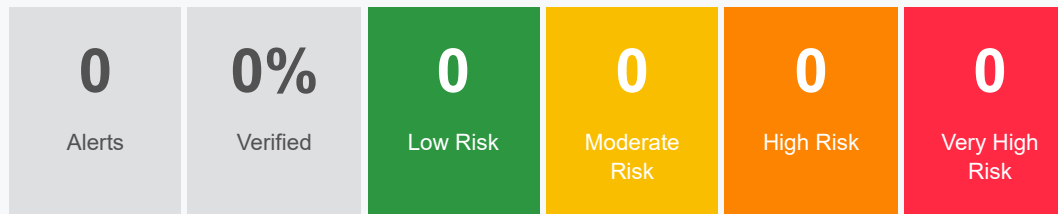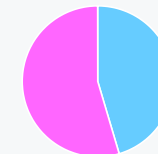
Figure 4 | Trend in number of suspected cases over time (W38 2017 - W20 2021)
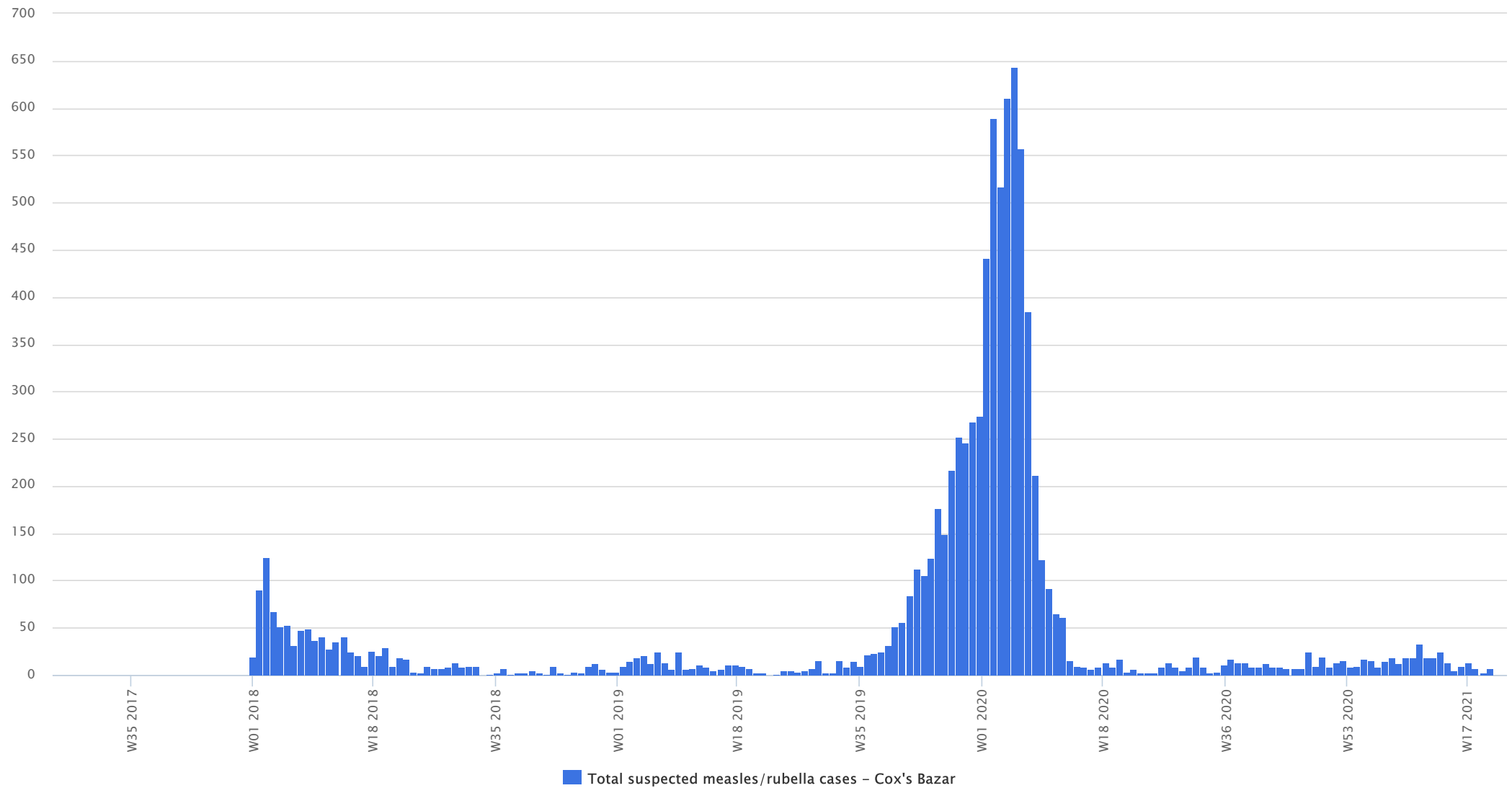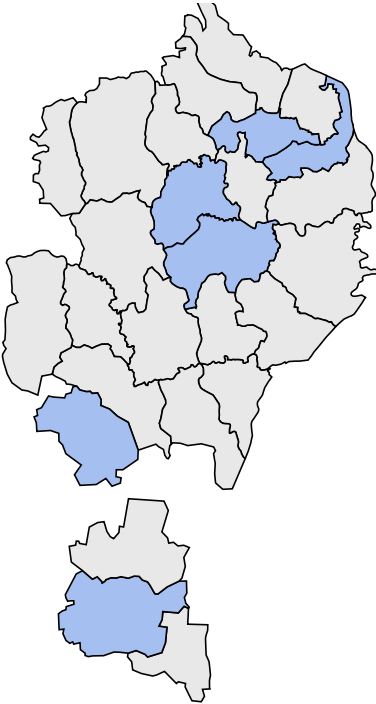
Total suspected measles/rubella cases – Cox's Bazar

World Health Organization

HEALTH SECTOR COX'S BAZAR
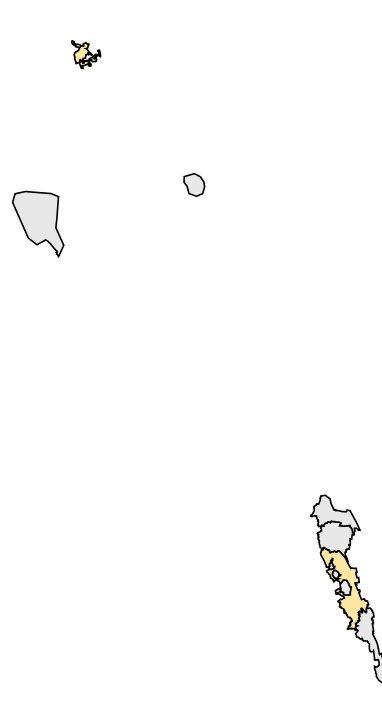
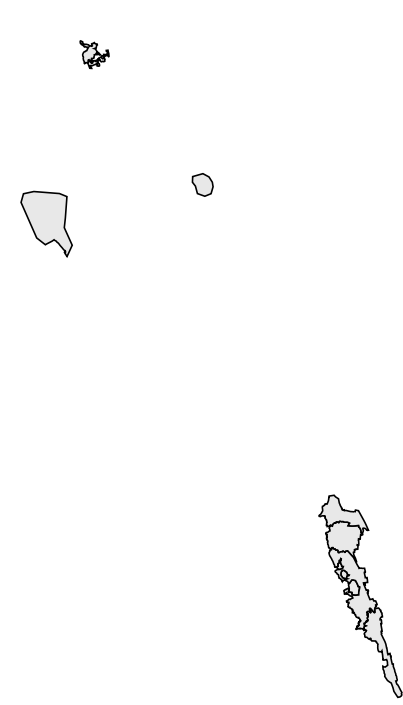## Map 2 | Map of cases by camp (W20 2021)

a. Ukhia | Number of cases
b. Ukhia | Number of alerts
c. Teknaf | Number of cases
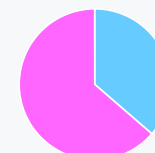**d. Teknaf** | Number of alerts

Map legend

Number of cases

| 0 | 1 | 10 | 20 | 50 |

Number of alerts

| 0 | 1 | 10 |
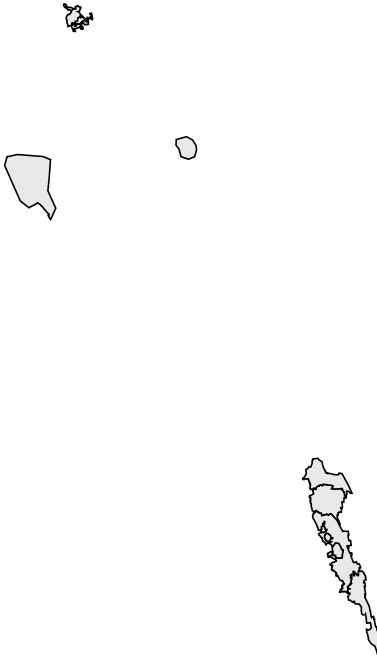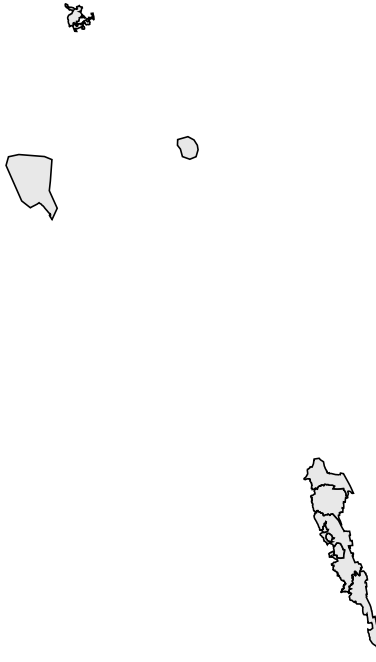
Alert threshold

1 case. *Source: IEDCR*

Alert management (W20 2021)

7	100%	0	0	0	0
Alerts	Verified	Low Risk	Moderate Risk	High Risk	Very High Risk

Figure | % sex

■ Male ■ Female

Figure | % age

■ >= 5 ■ < 5

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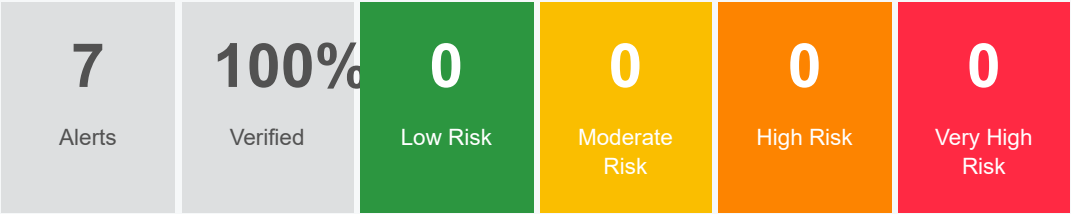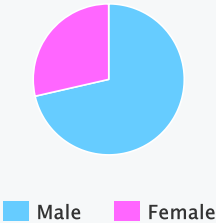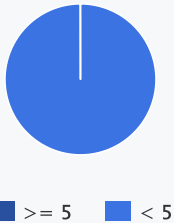
Figure 5 | Trend in number of cases over time (W38 2017 - W20 2021)

Total suspected AJS cases – Bangladesh

World Health Organization

HEALTH SECTOR COX'S BAZAR
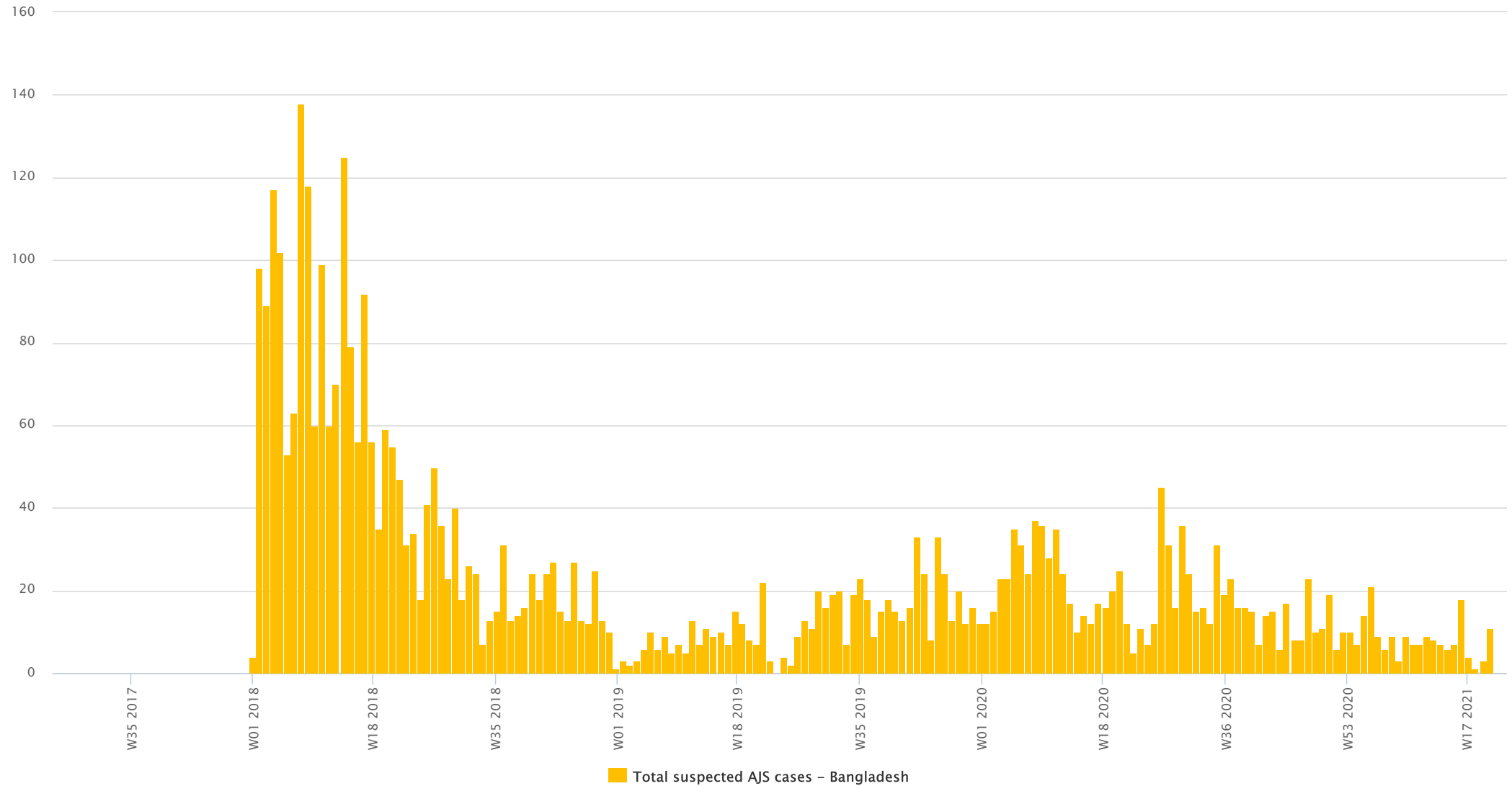
Map 3 | Map of cases by camp (W37 2017 - W20 2021)

a. Ukhia | Number of cases
b. Ukhia | Number of alerts
c. Teknaf | Number of cases
d. Teknaf | Number of alerts

Map legend

Number of cases

0 1 10 20 50

Number of alerts

0 1 10
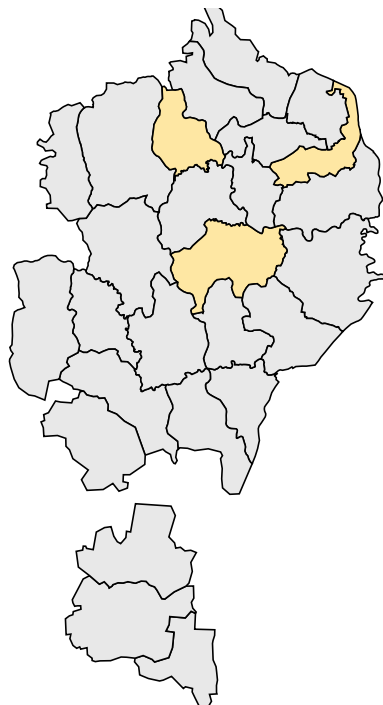
Alert threshold

A cluster of 3 or more cases seen in a health facility. *Source: IEDCR*

Alert management (W20 2021)

1	**100%**	**0**	**0**	**0**	**0**
Alerts	Verified	Low Risk	Moderate Risk	High Risk	Very High Risk

Figure | % sex

■ Male ■ Female

Figure | % age

■ >= 5 ■ < 5

World Health Organization

HEALTH SECTOR COX'S BAZAR
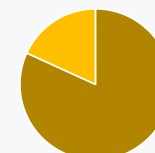
Figure 6 | Trend in number of cases over time (W38 2017 - W20 2021)
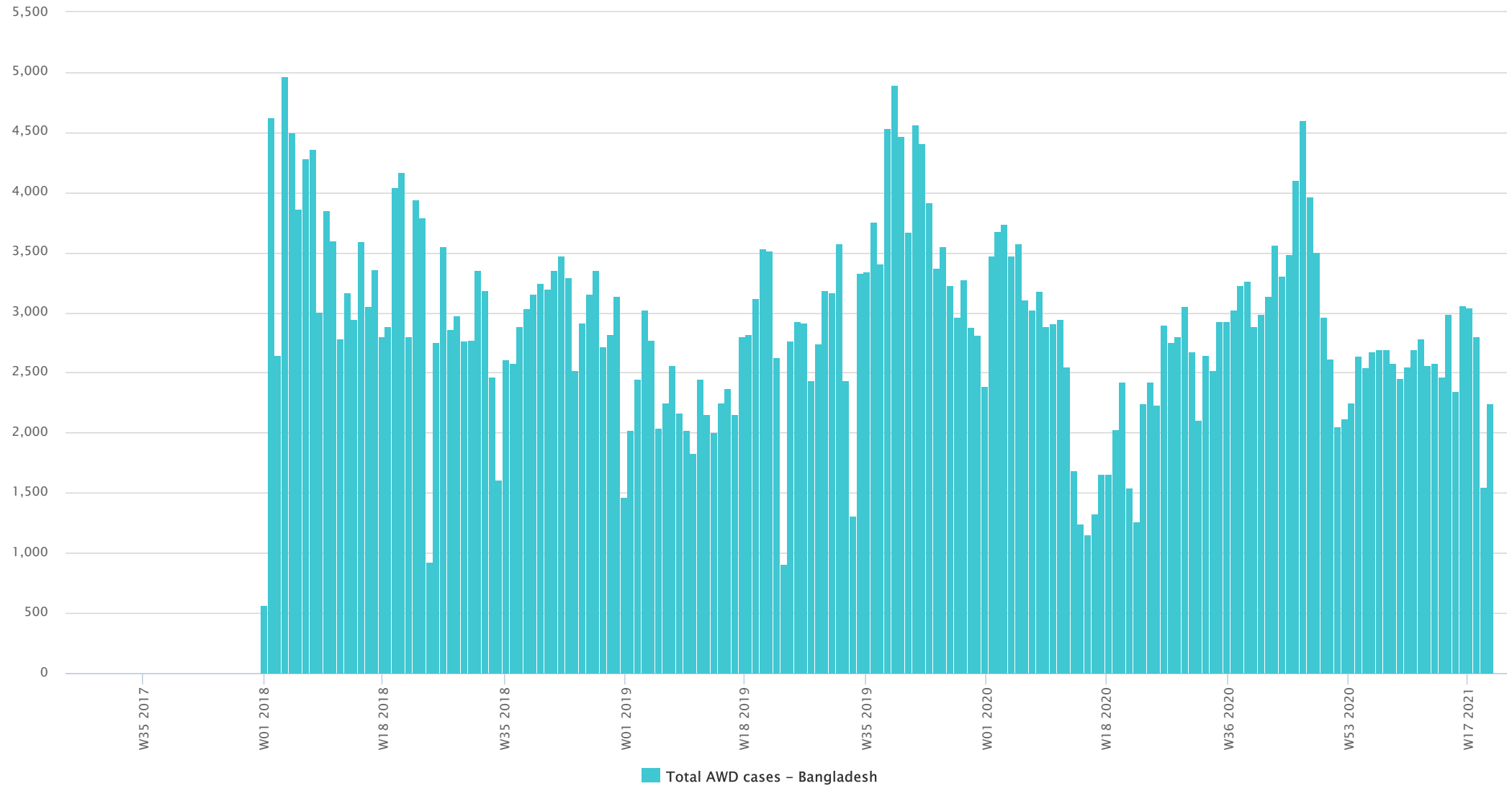
Total AWD cases – Bangladesh

Dengue | Trends

Figure 7 | Trend in number of cases over time (W38 2017 - W20 2021)

Legend: Total Dengue Cases – Suspected – Bangladesh | Total Dengue Cases – Confirmed – Bangladesh

Map 4 | Map of cases by camp (W37 2017 - W20 2021)

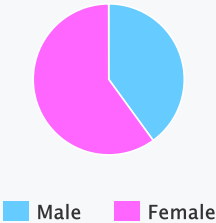**a. Ukhia** | Number of cases

b. Ukhia | Number of alerts

c. Teknaf | Number of cases

d. Teknaf | Number of alerts

Map legend

Number of cases

0 1 100 200 500

Number of alerts

0 1 10

Alert threshold

Twice the average number of cases over the past 3 weeks. *Source: IEDCR*

Alert management (W20 2021)

0	**0%**	**0**	**0**	**0**	**0**
Alerts	Verified	Low Risk	Moderate Risk	High Risk	Very High Risk

Figure | % sex

■ Male ■ Female

Figure | % age

■ >= 5 ■ < 5

World Health Organization

HEALTH SECTOR COX'S BAZAR

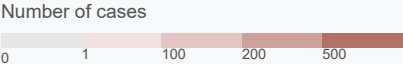**Figure 7** | Trend in number of cases over time (W38 2017 - W20 2021)

Total Varicella Cases – Suspected – Bangladesh

World Health Organization

HEALTH SECTOR COX'S BAZAR

Varicella (Susp.) | Maps
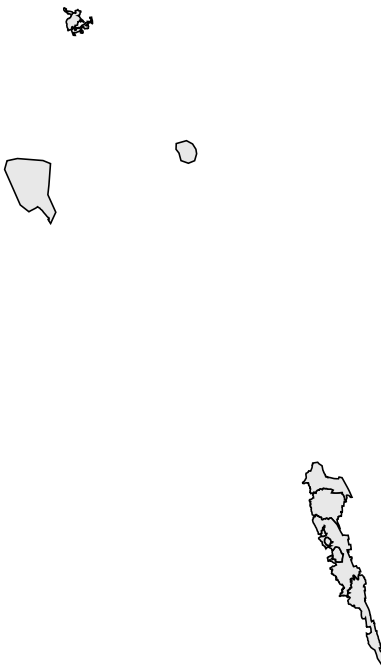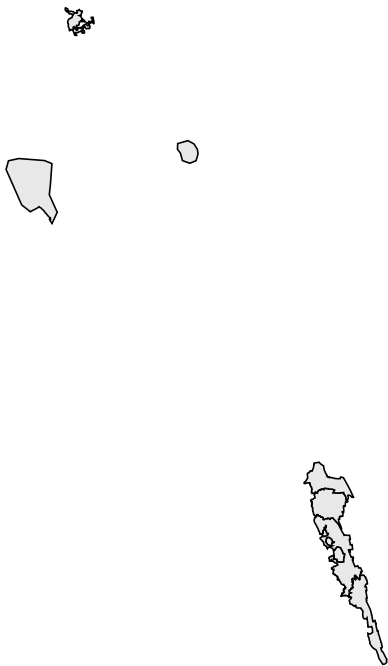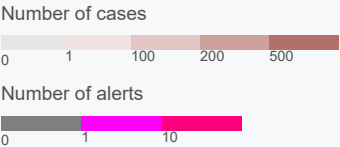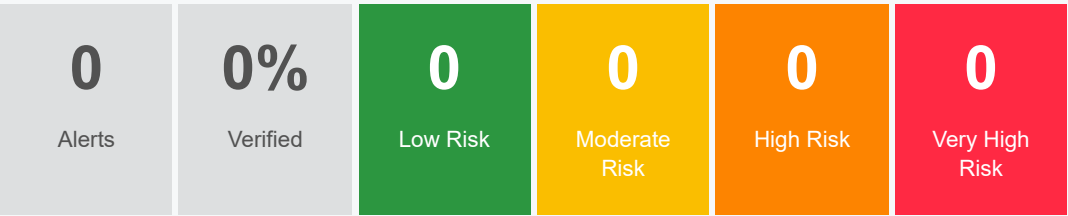
Map 4 | Map of cases by camp (W37 2017 - W20 2021)
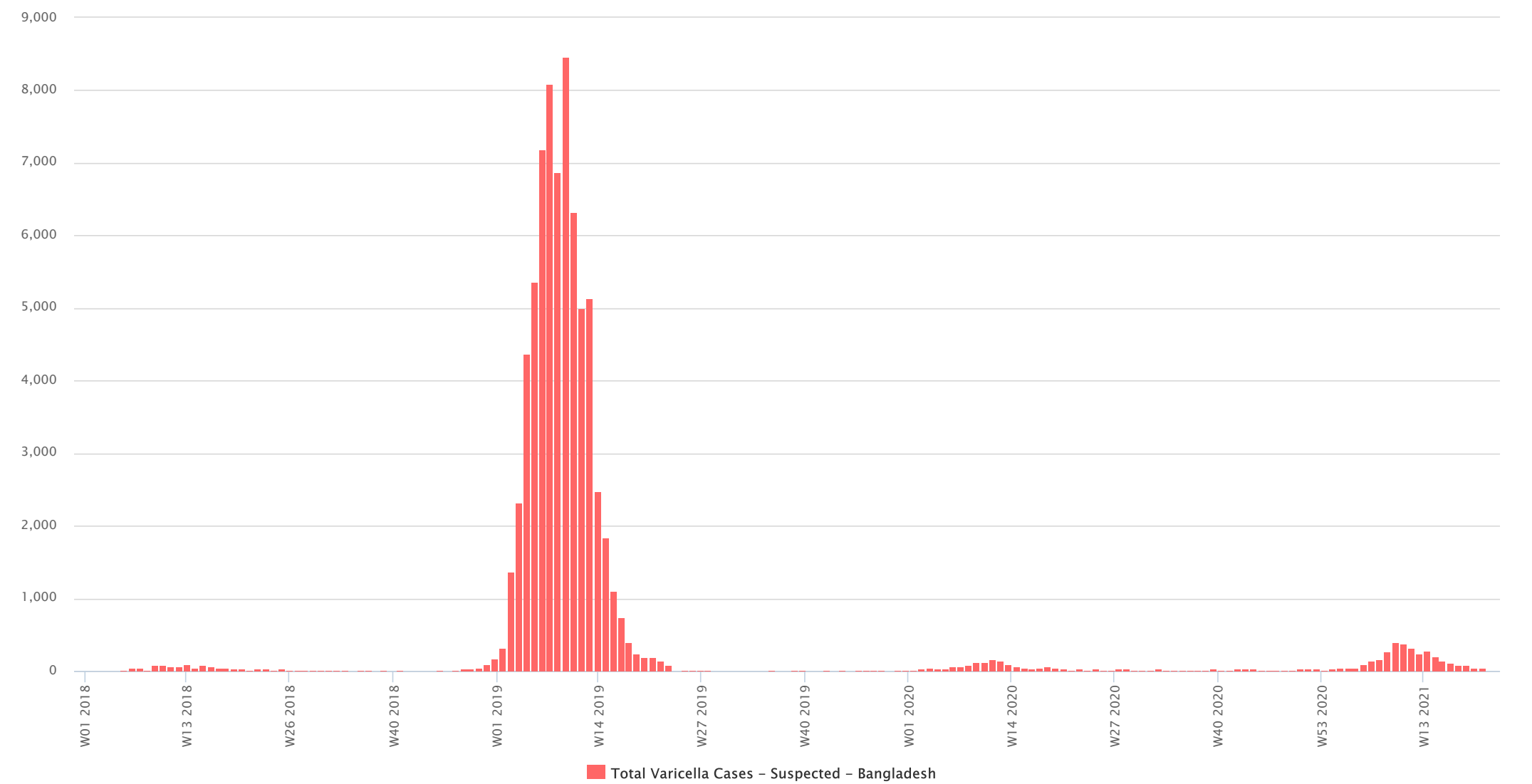
a. Ukhia | Number of cases

c. Teknaf | Number of cases

Map legend

Number of cases

0   1   100   200   500

Figure | % sex

■ Male   ■ Female

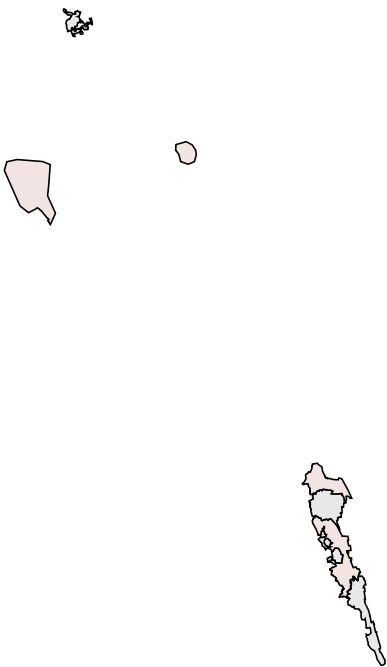**Figure** | % age
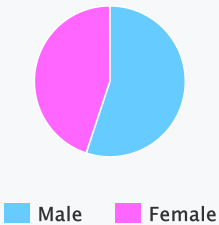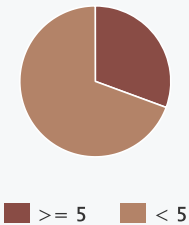
■ >= 5   ■ < 5

World Health Organization

HEALTH SECTOR COX'S BAZAR

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

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