



Epidemiological Highlights

Week 35 (30 Aug- 5 Sep 2021)



**World Health
Organization**

Highlights: COVID-19

As of week 35, (30 Aug- 5 Sep 2021) there are 2,922 confirmed cases of COVID-19 (SARS-CoV-2), 60,079 samples were tested, total positivity rate 4.9%.

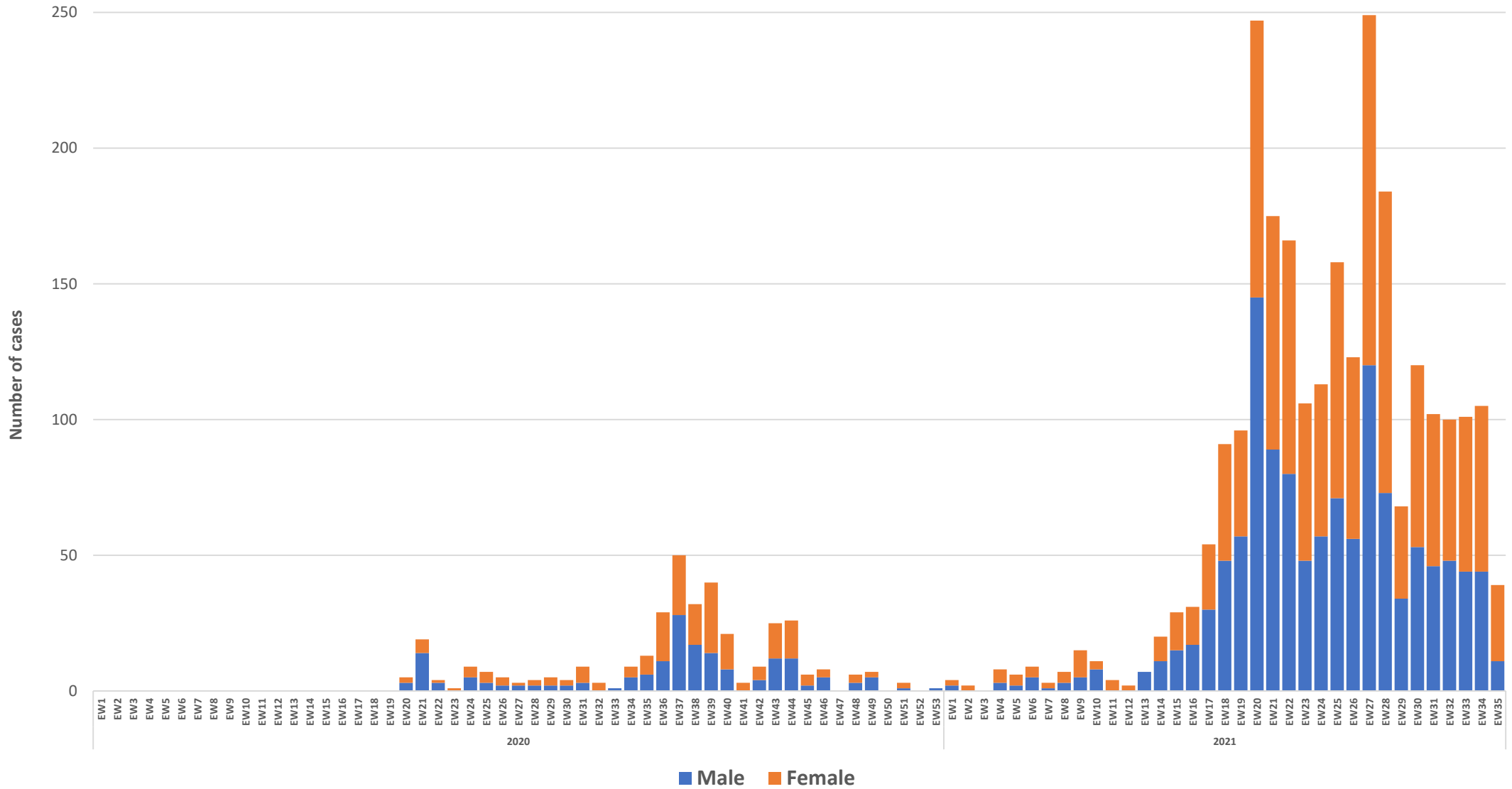
This week (week 35), 39 new confirmed cases detected, 1,218 samples were tested, test positivity was 3.2%.

As of this week (week 35)

- Median ages of tested and confirmed cases are 11 (0-120) and 21 (0-100) years
- Female among tested and confirmed cases is 54% and 52%
- All 34/34 camps reported confirmed cases (C3-180, C24-178, C2W-160, C15-158 and C17-154)
- A total of 32 deaths have so far been reported with the Case Fatality Rate(CFR) of 1.1%
- Cases per million in last 7 days was 45.4 translating to 63% reduction in weekly incidence

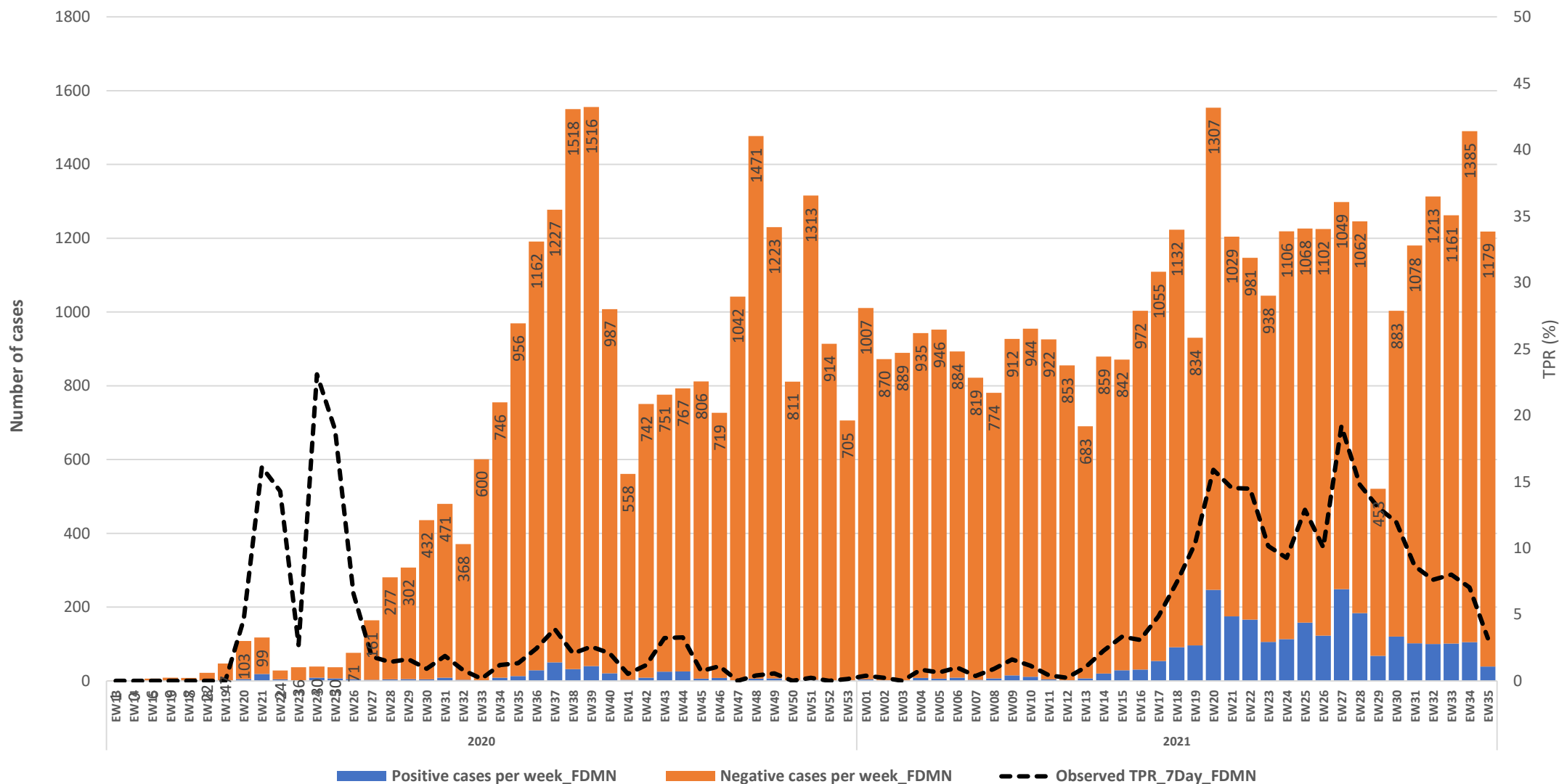
Highlights: COVID-19

COVID-19 positive cases (n=2,922) by epidemiological week by date of test



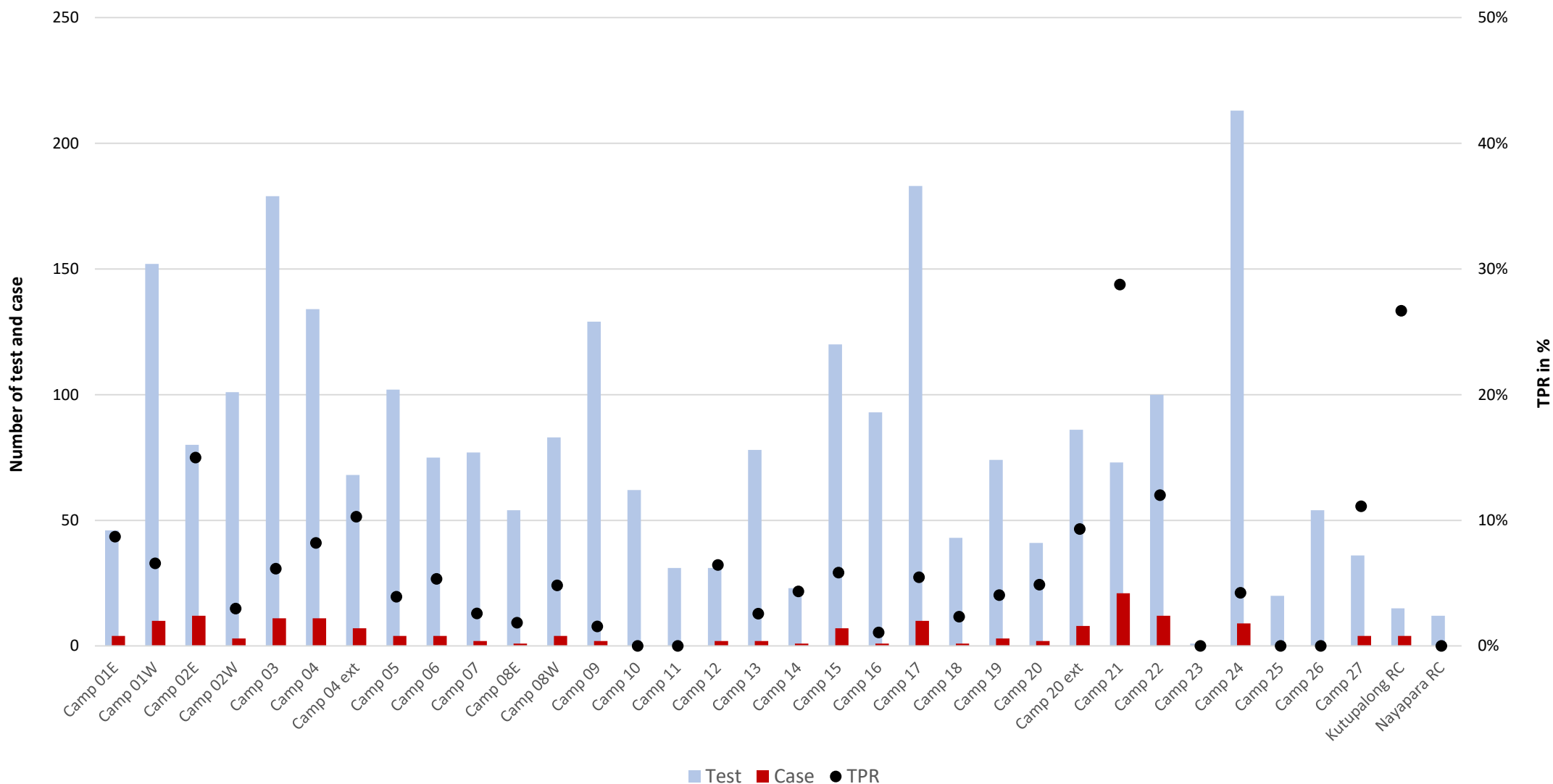
Highlights: COVID-19

Weekly observed TPR, FDMN/Roingya Refugees, Cox's Bazar

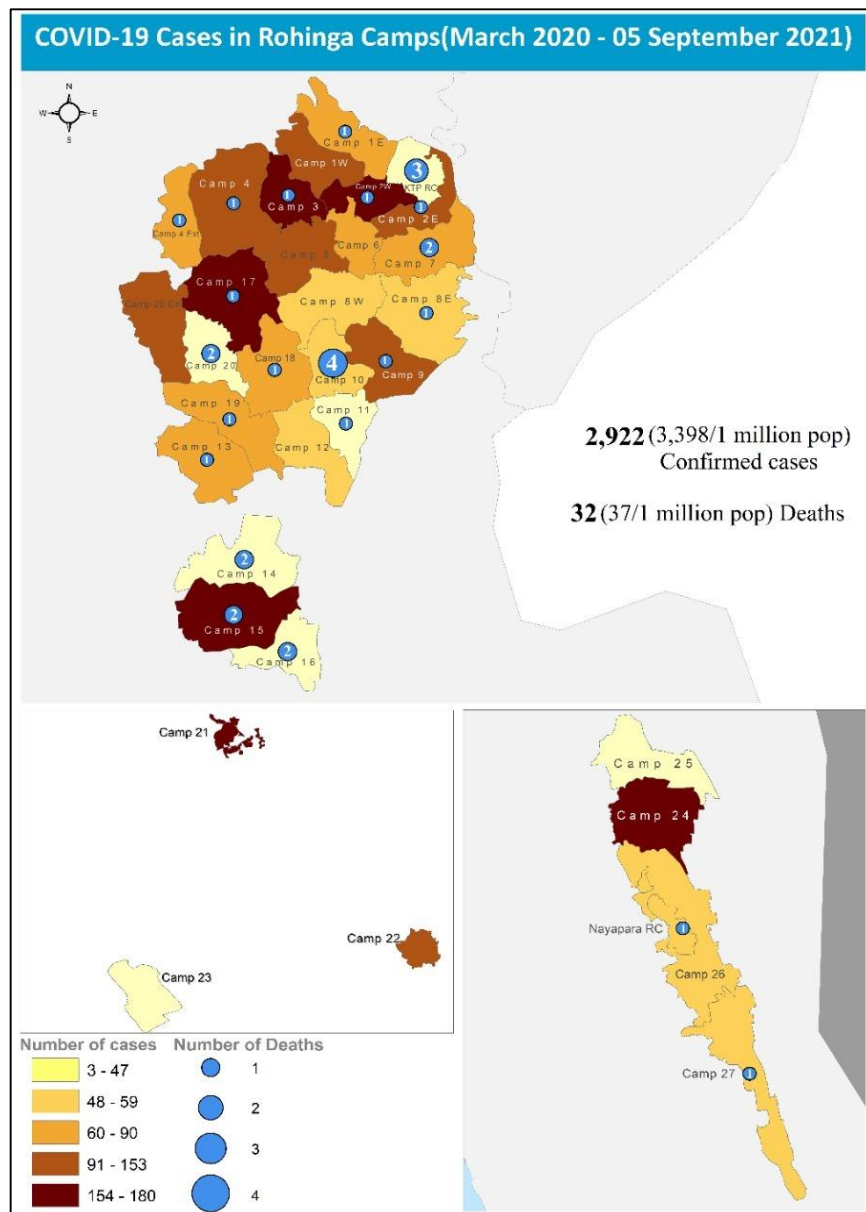


Highlights: COVID-19

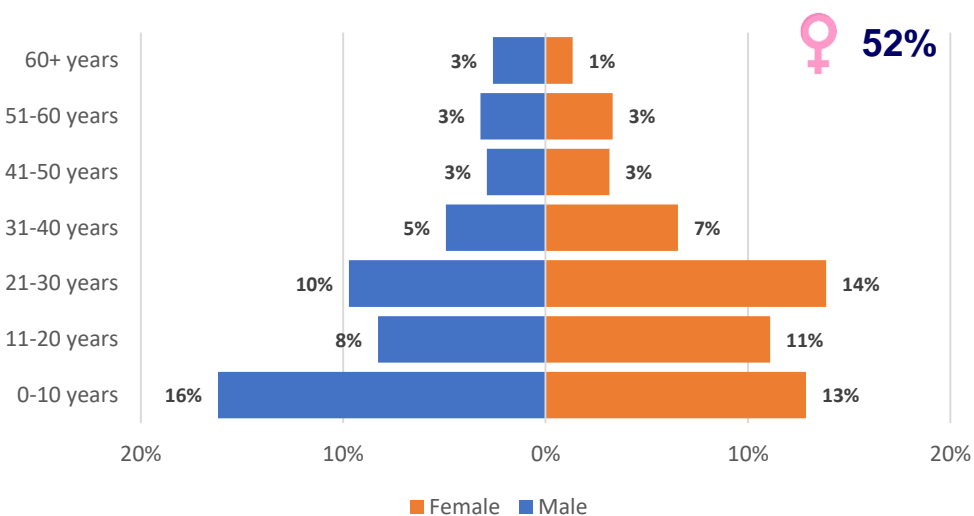
COVID-19 test case and TPR per camp, W34-35



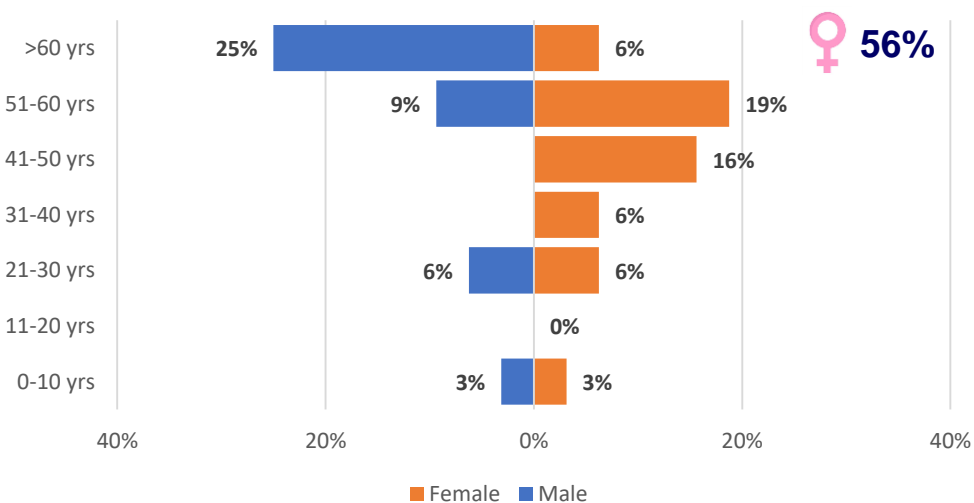
Highlights: COVID-19



Cases reported by Age and sex distribution (%) (n=2,922)

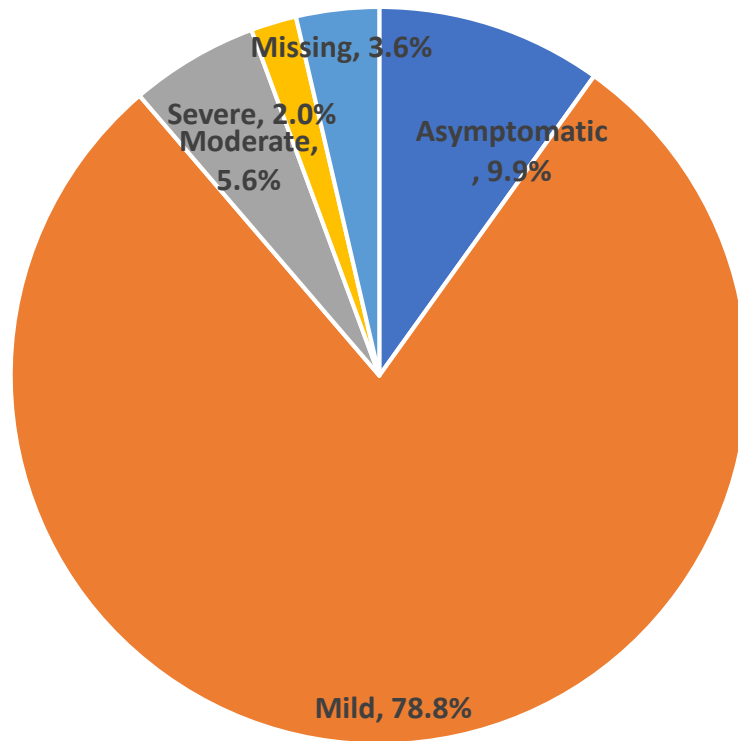


Death reported by age and sex (%) (n=32)

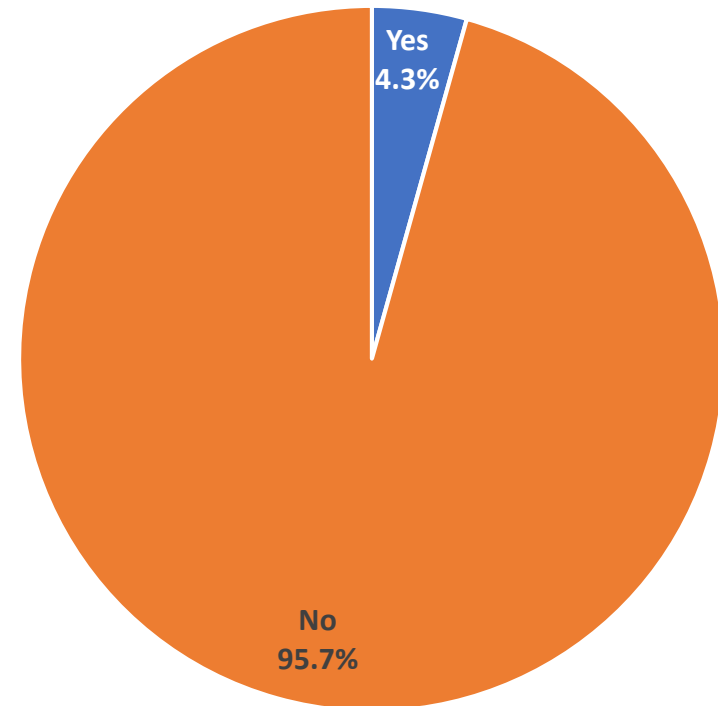


Highlights: COVID-19

Severity of reported cases at presentation (n=2,696)



Co-morbidity status among cases: At least 1 co-morbidity reported by cases (n=2,696)



Source: Go.Data

Highlights: COVID-19 Contact Tracing

- Total 2,696 (out of 2,922) confirmed cases have been investigated by Rapid Investigation and Response Team *(RIRT, a camp wise CT network, composed of RIRT coordinator, Site Mx representation, CT supervisor, currently camp 34 teams are working with 34 supervisors and over 300 volunteers i.e. contact tracer).*
- Contact tracing has been done by Contact Tracing (CT) supervisors with 6,425 contacts registered for follow up in the Go.Data out of 9,849 contacts in total identified during field investigation.
- 3,749 (58%) contacts out the 6425 contacts registered in the Go.Data successfully accomplished the 14 days follow up and were discharged from quarantine
- 288 household contacts tested positive within the incubation period

EWARS Reporting Updates

- Total 172 health facilities registered in EWARS
- Only 129/172 weekly reports received on time in week 35, translating to 77% timeliness in weekly submission of reports by reporting sites
- Forty-four (44) alerts were triggered in week 35
- All alerts were reviewed and verified by WHO EWARS team, the number is less than that of previous week (54 in week 34).

Highlights:

- Acute Respiratory Infection (15.9%), Diarrheal Diseases (4.8%) & Unexplained Fever (0.8%) are the diseases with highest proportional morbidity in week 35.
- Monitoring of Suspected SARI deaths under enhanced Community-Based Mortality Surveillance has been continued since week 28, 2020.
 - One hundred and thirty-one (131) suspected SARI deaths have been reported so far and reviewed subsequently by Rapid Investigation and Response Team (RIRT) for COVID-19.
 - Total eleven (11) SARI deaths were considered as death due to probable COVID-19 till date.

Diphtheria

Five (5) suspected diphtheria cases were reported in Go.Data in week 35

A total of 9 303 case-patients were reported since 2017 to date

- Confirmed = 343
- Probable = 2 803
- Suspected = 6 157

Total cases reported in 2021 = 117

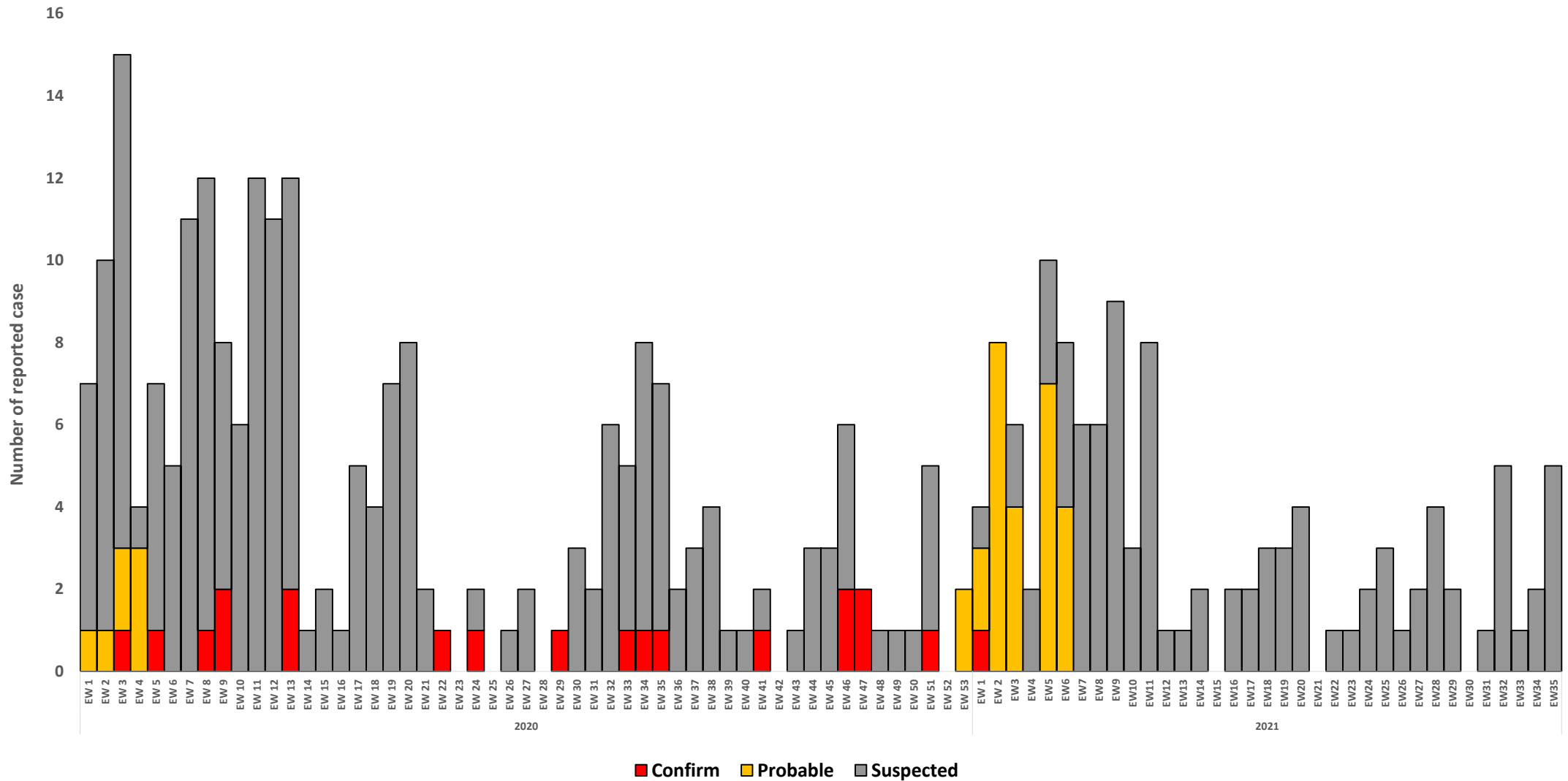
- Confirmed = 1
- Probable = 25
- Suspected = 91

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

Cumulative Diphtheria confirmed deaths so far reported is 47, last death reported on 25 October 2019.

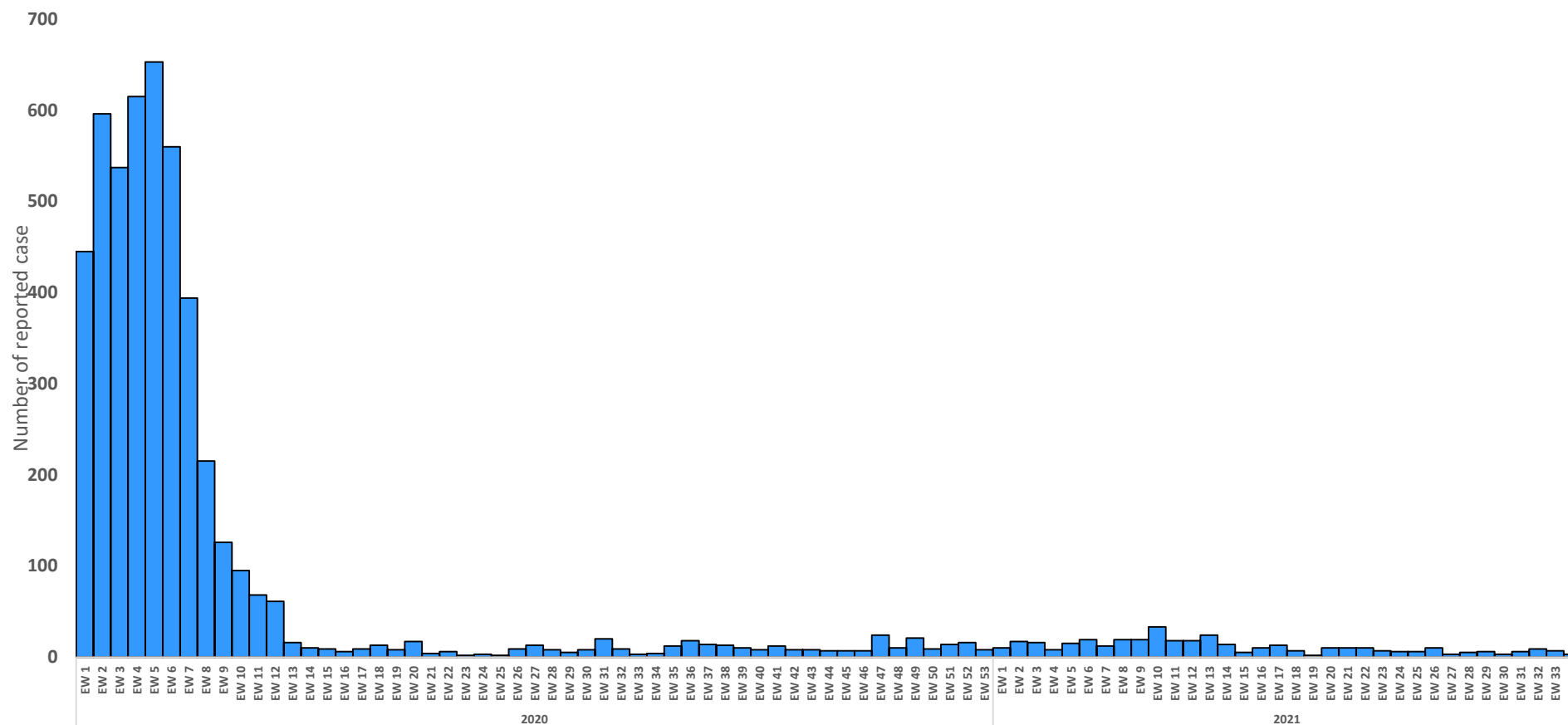
Diphtheria

Total number of diphtheria case reported in EWARS from 2020-2021 W35



Measles

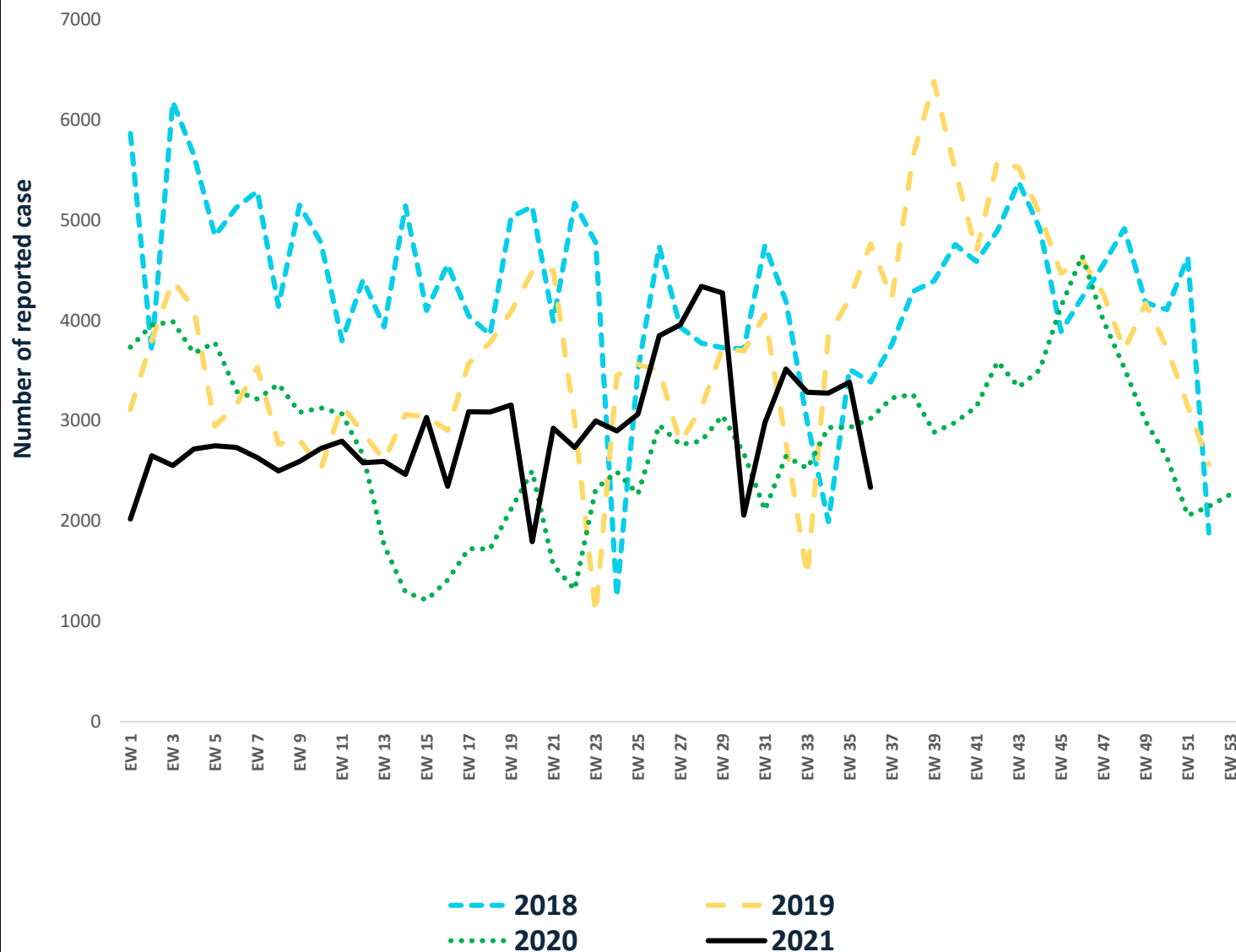
Total number of Measles case reported in EWARS from 2020- 2021 W35



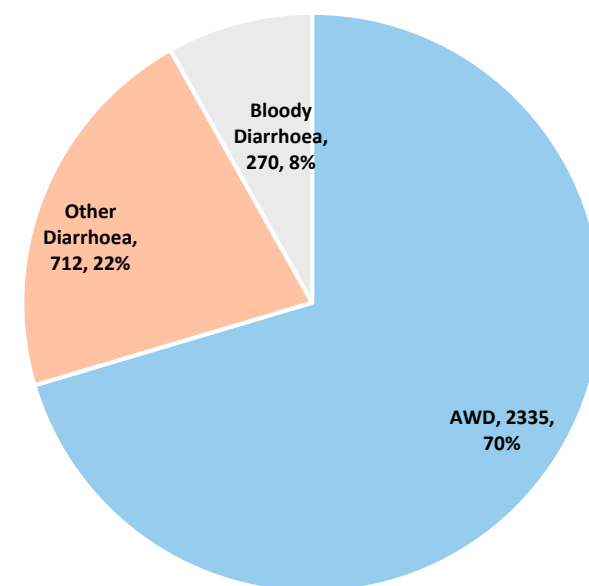
In week 34, 7 suspected measles cases were reported through weekly reporting. This brings total suspected measles cases to 387 cases until Epi Week 35, 2021. Out of the 387 suspected cases, 281 cases (73%) reported through case-based reporting and samples collected for laboratory confirmation.

Diarrhoeal Disease

Total number of AWD case reported in EWARS from 2018-2021 W35

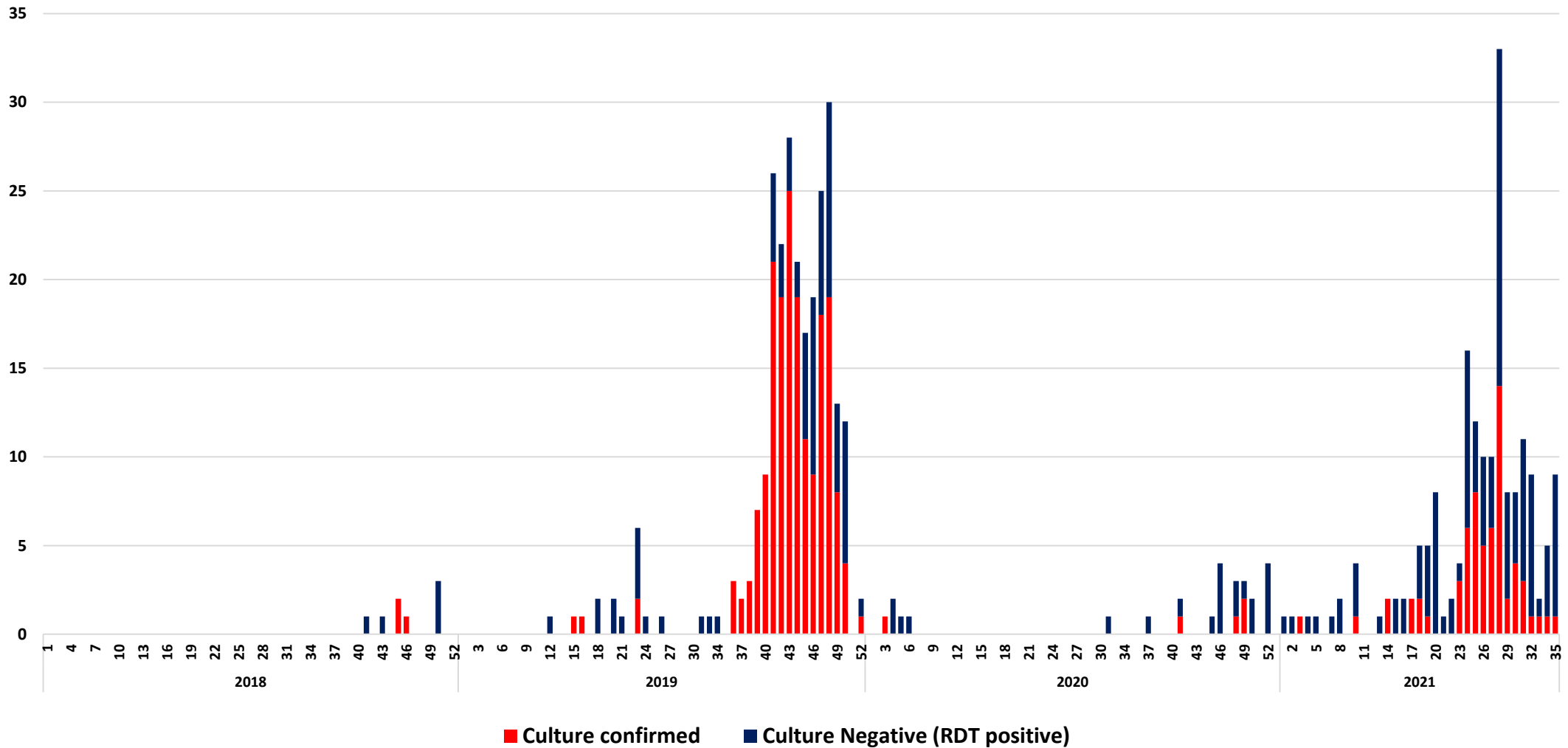


Different diarrhoeal disease category reported in EWARS from 1-35, 2021



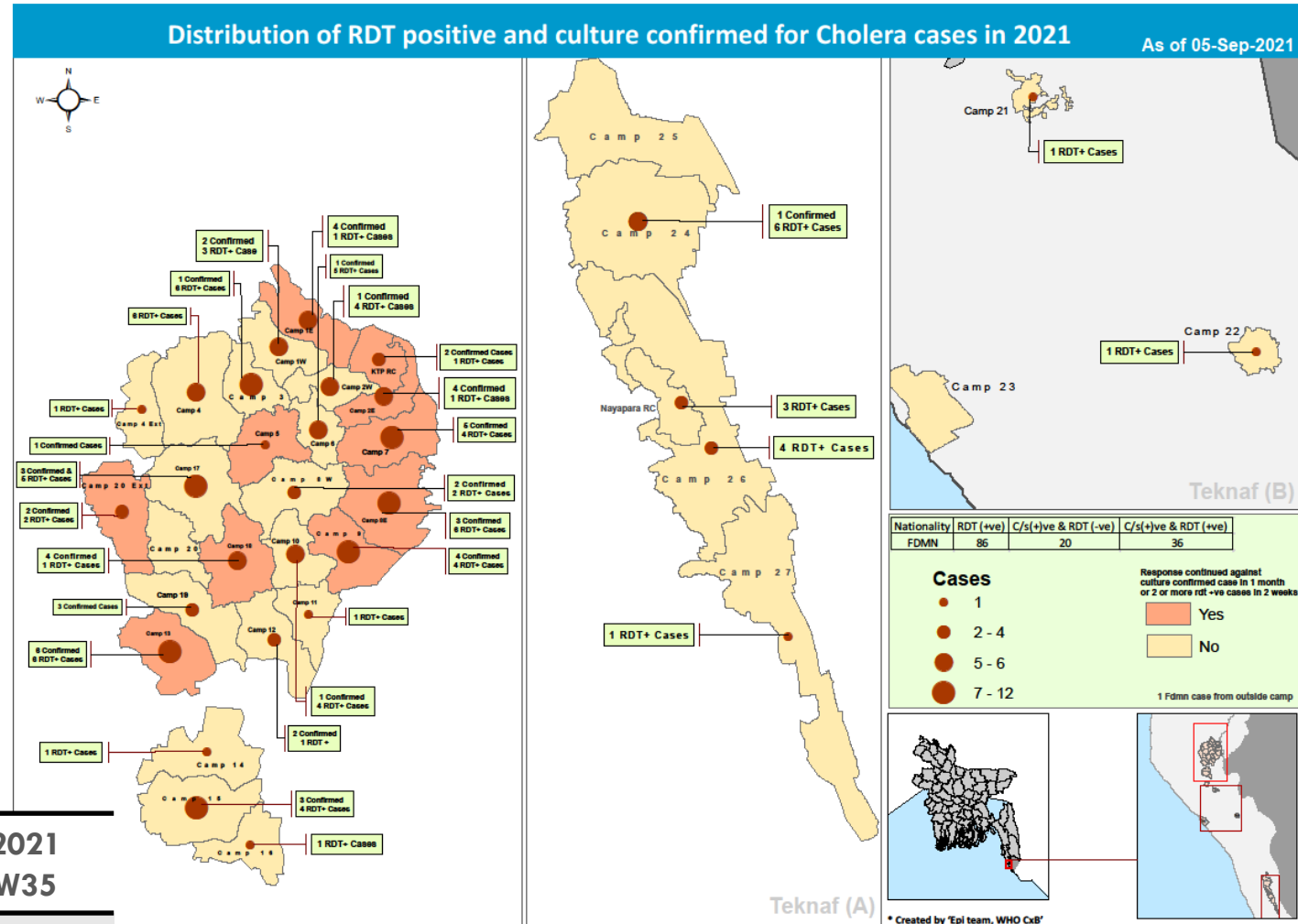
Cholera Surveillance

RDT positive & culture confirmed cholera cases, 2018-21



Cholera Surveillance

- Total one hundred seventy-nine (179) Cholera RDT positive/culture cases reported as of W35 2021. Out of those 64 were confirmed by culture, 90 discarded and remaining results 24 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 W35
RDT positive/culture confirmed for Cholera	49	258	28	179
Culture confirmed for Cholera	7	184	5*	64

*3 culture confirmed cases were RDT negative in 2020

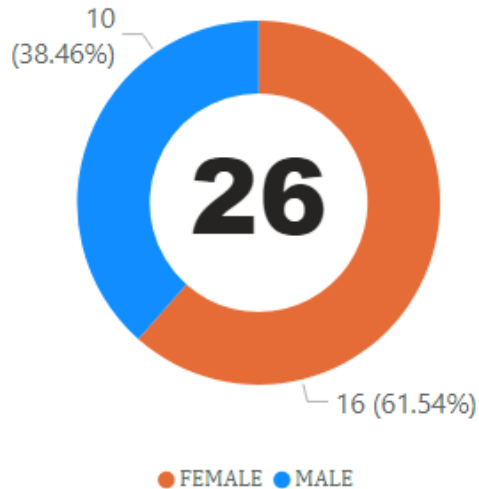
Community-based Mortality surveillance (n=1384)

Probable Cause of Death	Week 35	In 2021
Still Birth	2 (8%)	192 (14%)
Neonatal Death (<28 days old)	1 (4%)	146 (11%)
Infectious Disease	1 (4%)	34 (2%)
Severe Acute Respiratory Infection (SARI)	1 (4%)	34 (2%)
Injury	0 (0%)	30 (2%)
Maternal Death	0 (0%)	39 (3%)
Other	21 (80%)	909 (66%)

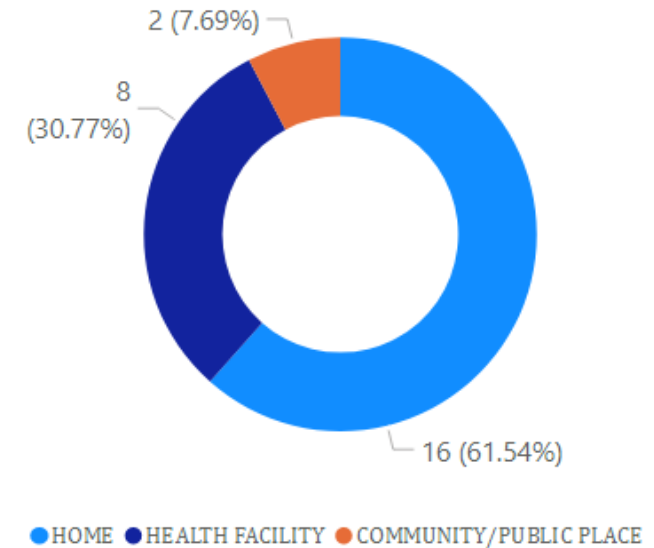
- Out of reported deaths, 30.7% occurred in health facilities and 61.5% at homes and 7.6% at community/public place.
- Partners to report all mortalities into EWARS platform using both case and event-based reporting as applicable.

Community-based Mortality Surveillance

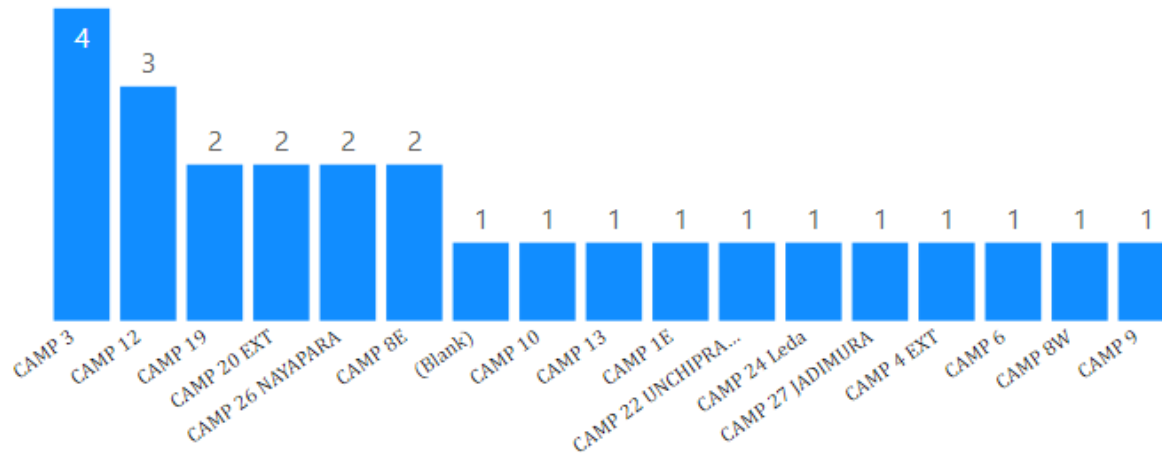
Gender distribution



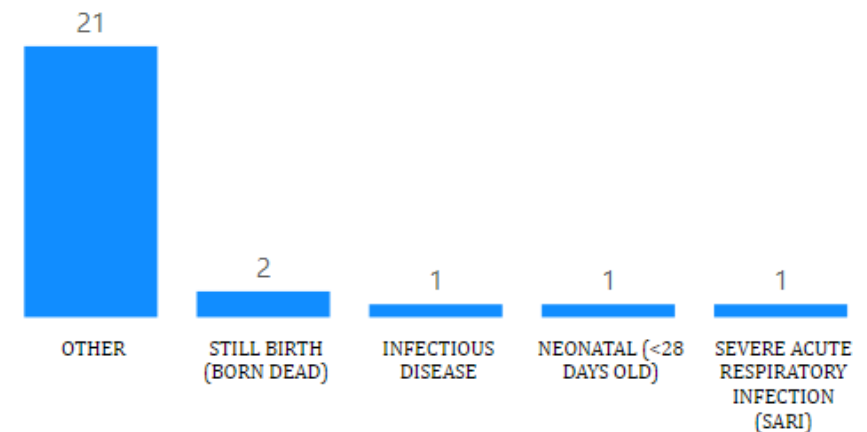
Place of death



Distribution of deceased Camp



Distribution of Probable cause of death



Bangladesh

Rohingya Emergency Response

Early Warning, Alert and
Response System (EWARS)

Epidemiological Bulletin W35 2021



Ministry of Health and Family
Welfare Bangladesh



World Health
Organization



HEALTH SECTOR
COX'S BAZAR



Printed: 11:08 Tuesday, 07 September 2021 UTC

Contents

Highlights

Slide 1	Table 1 Coverage
	Table 2 Early warning performance
	Table 3 Alert performance

Early Warning

Slide 2	Map 1a Ukhia completeness by site/zone
	Map 1b Teknaf completeness by site/zone
Slide 3	Table 4 Ukhia (Northern group) performance by site/zone
	Map 2 Ukhia (Northern group) completeness by site/zone
Slide 4	Table 5 Ukhia (Southern group) performance by site/zone
	Map 3 Ukhia (Southern group) completeness by site/zone
Slide 5	Table 6 Teknaf performance by site/zone
	Map 4 Teknaf completeness by site/zone
Slide 6	Table 7 Performance by partner

Alert

Slide 7	Table 8 Ukhia (Northern group) alerts by site/zone
	Map 5 Ukhia (Northern group) alerts site/zone
Slide 8	Table 9 Ukhia (Southern group) alerts by site/zone
	Map 6 Ukhia (Southern group) alerts site/zone
Slide 9	Table 10 Teknaf alerts by site/zone
	Map 7 Teknaf alerts site/zone
Slide 10	Table 11 Performance by type of alert
	Table 12 Risk Assessment

Sources of data

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

Highlights W35 2021

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

W35	Cumulative (2021)	
133	5648	Number of weekly reports received
77%	91%	Completeness
77%	85%	Timeliness

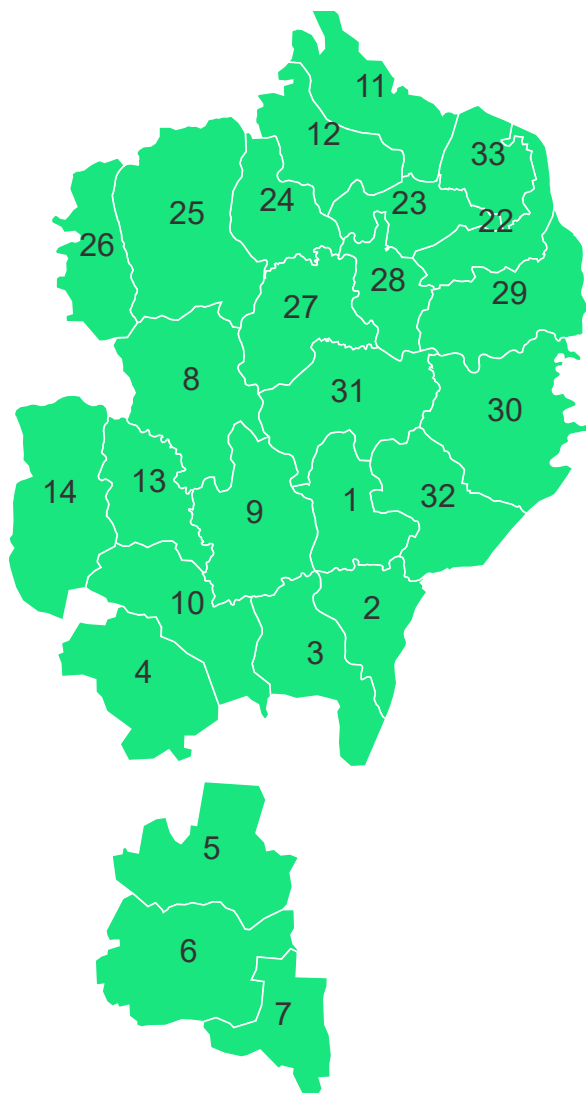
Table 3 Alert performance indicators

W35	Cumulative (2021)	
44	2,282	Total alerts raised
100%	100%	% verified
0%	0%	% auto-discarded
0%	1%	% undergoing risk assessment
0%	1%	% completed risk assessment

¹ Source: UNHCR. Bangladesh: Joint Government of Bangladesh- UNHCR Population Factsheet. 31 December 2020.

Map 1a | Ukhia completeness by camp

- 1 Camp 10
- 2 Camp 11
- 3 Camp 12
- 4 Camp 13
- 5 Camp 14
- 6 Camp 15
- 7 Camp 16
- 8 Camp 17
- 9 Camp 18
- 10 Camp 19
- 11 Camp 1E
- 12 Camp 1W
- 13 Camp 20
- 14 Camp 20 Ext
- 15 Camp 21 Chakmarkul
- 16 Camp 22 Unchiprang
- 17 Camp 23 Shamlapur
- 18 Camp 24 Leda
- 19 Camp 25 Ali Khali
- 20 Camp 26 Nayapara
- 21 Camp 27 Jadimura
- 22 Camp 2E
- 23 Camp 2W
- 24 Camp 3
- 25 Camp 4
- 26 Camp 4 Ext
- 27 Camp 5
- 28 Camp 6
- 29 Camp 7
- 30 Camp 8E
- 31 Camp 8W
- 32 Camp 9
- 33 Kutupalong RC
- 34 Nayapara RC

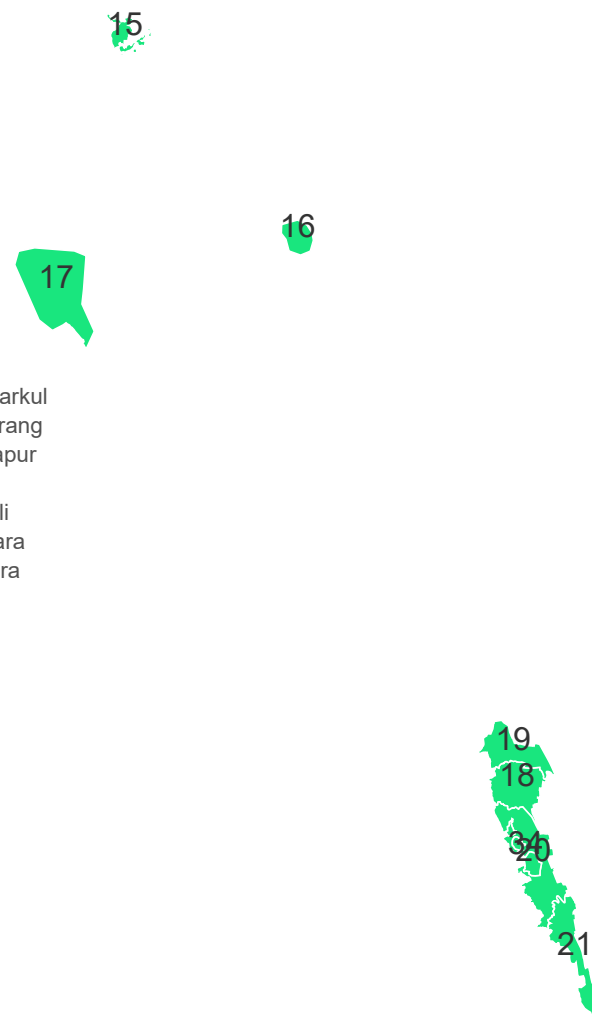


Completeness



Map 1b | Teknaf completeness by camp

- 1 Camp 10
- 2 Camp 11
- 3 Camp 12
- 4 Camp 13
- 5 Camp 14
- 6 Camp 15
- 7 Camp 16
- 8 Camp 17
- 9 Camp 18
- 10 Camp 19
- 11 Camp 1E
- 12 Camp 1W
- 13 Camp 20
- 14 Camp 20 Ext
- 15 Camp 21 Chakmarkul
- 16 Camp 22 Unchiprang
- 17 Camp 23 Shamlapur
- 18 Camp 24 Leda
- 19 Camp 25 Ali Khali
- 20 Camp 26 Nayapara
- 21 Camp 27 Jadimura
- 22 Camp 2E
- 23 Camp 2W
- 24 Camp 3
- 25 Camp 4
- 26 Camp 4 Ext
- 27 Camp 5
- 28 Camp 6
- 29 Camp 7
- 30 Camp 8E
- 31 Camp 8W
- 32 Camp 9
- 33 Kutupalong RC
- 34 Nayapara RC



Completeness

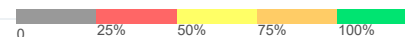


Table 4 | Performance by camp (W35 2021)

Northern group	Reporting		Performance	
	# health facilities	# reports received	Completeness	Timeliness
Ukhia Northern Group				
Camp 1E	4	4	100%	100%
Camp 1W	4	4	100%	100%
Camp 2E	3	2	67%	67%
Camp 2W	4	3	75%	75%
Camp 3	6	6	100%	100%
Camp 4	6	3	50%	50%
Camp 4 Ext	1	1	100%	100%
Camp 5	5	5	100%	100%
Camp 6	3	2	67%	67%
Camp 7	5	3	60%	60%
Camp 8E	8	5	63%	63%
Camp 8W	4	4	100%	100%
Kutupalong RC	2	2	100%	100%

Map 2 | Completeness by camp

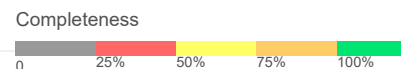
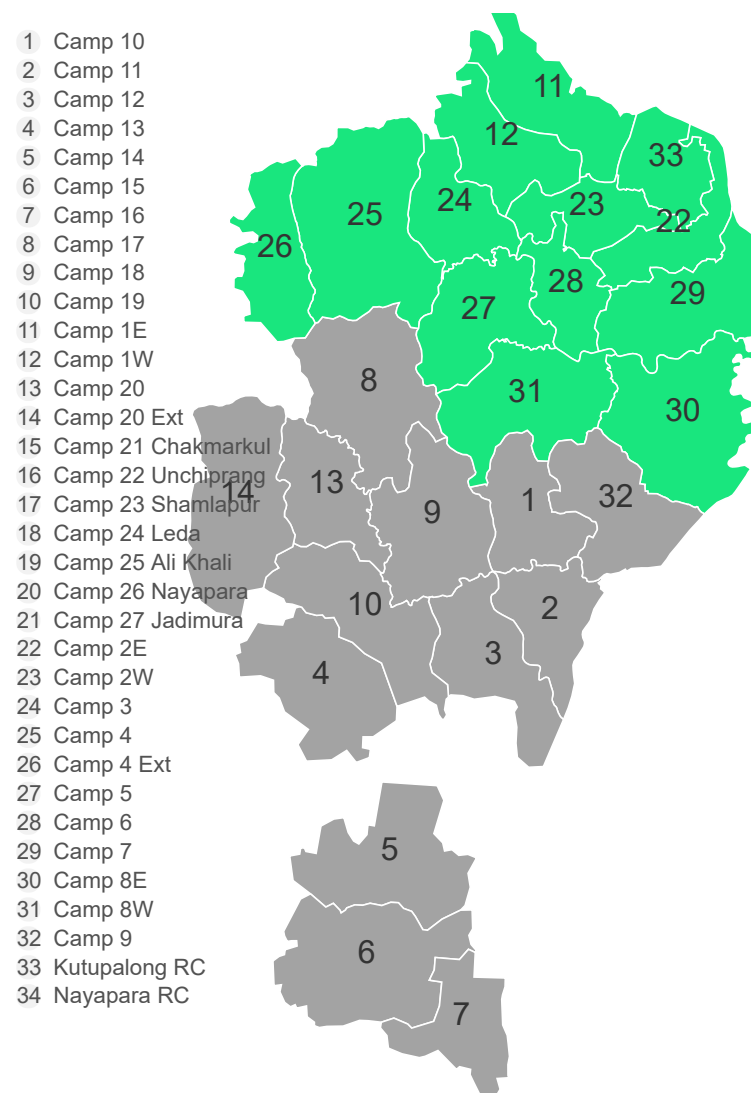


Table 5 | Performance by camp (W35 2021)

Southern group	Reporting		Performance	
	# health facilities	# reports received	Completeness	Timeliness
Ukhia Southern Group				
Camp 10	4	4	100%	100%
Camp 11	9	8	89%	89%
Camp 12	6	6	100%	100%
Camp 13	9	9	100%	100%
Camp 14	7	4	57%	57%
Camp 15	9	6	67%	67%
Camp 16	6	4	67%	67%
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 10
- 2 Camp 11
- 3 Camp 12
- 4 Camp 13
- 5 Camp 14
- 6 Camp 15
- 7 Camp 16
- 8 Camp 17
- 9 Camp 18
- 10 Camp 19
- 11 Camp 1E
- 12 Camp 1W
- 13 Camp 20
- 14 Camp 20 Ext
- 15 Camp 21 Chakmarkul
- 16 Camp 22 Unchiprang
- 17 Camp 23 Shamlapur
- 18 Camp 24 Leda
- 19 Camp 25 Ali Khali
- 20 Camp 26 Nayapara
- 21 Camp 27 Jadimura
- 22 Camp 2E
- 23 Camp 2W
- 24 Camp 3
- 25 Camp 4
- 26 Camp 4 Ext
- 27 Camp 5
- 28 Camp 6
- 29 Camp 7
- 30 Camp 8E
- 31 Camp 8W
- 32 Camp 9
- 33 Kutupalong RC
- 34 Nayapara RC

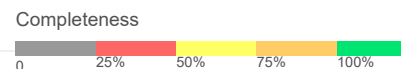
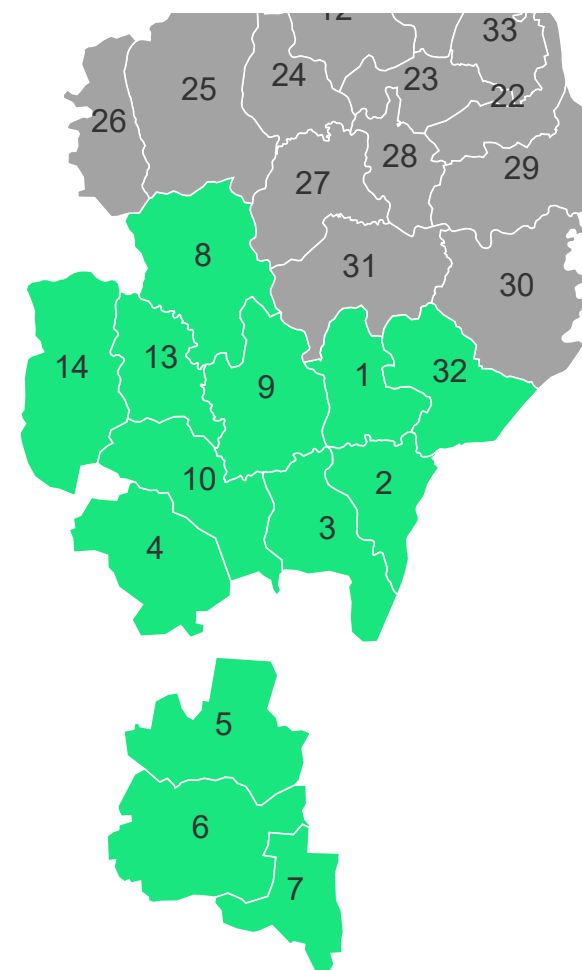


Table 6 | Performance by camp (W35 2021)

Teknaf	Reporting		Performance	
	# health facilities	# reports received	Completeness	Timeliness
Ukhia Teknaf				
Camp 21 Chakmarkul	4	4	100%	100%
Camp 22 Unchiprang	4	4	100%	100%
Camp 23 Shamlapur	3	1	33%	33%
Camp 24 Leda	1	1	100%	100%
Camp 25 Ali Khali	3	2	67%	67%
Camp 26 Nayapara	4	3	75%	75%
Camp 27 Jadimura	2	2	100%	100%
Nayapara RC	2	2	100%	100%

Map 4 | Completeness by camp

1 Camp 10

2 Camp 11

3 Camp 12

4 Camp 13

5 Camp 14

6 Camp 15

7 Camp 16

8 Camp 17

9 Camp 18

10 Camp 19

11 Camp 1E

12 Camp 1W

13 Camp 20

14 Camp 20 Ext

15 Camp 21 Chakmarkul

16 Camp 22 Unchiprang

17 Camp 23 Shamlapur

18 Camp 24 Leda

19 Camp 25 Ali Khali

20 Camp 26 Nayapara

21 Camp 27 Jadimura

22 Camp 2E

23 Camp 2W

24 Camp 3

25 Camp 4

26 Camp 4 Ext

27 Camp 5

28 Camp 6

29 Camp 7

30 Camp 8E

31 Camp 8W

32 Camp 9

33 Kutupalong RC

34 Nayapara RC

Completeness



Table 7 | Performance by partner (W35 2021)

Partner	Performance		Reporting		Partner	Performance		Reporting	
	# sites	# reports received	Completeness	Timeliness		# sites	# reports received	Completeness	Timeliness
AKF	1	1	100%	100%	IRC	2	0	0%	0%
AWARD	7	0	0%	0%	MSF	9	5	56%	56%
BASHMAH	1	0	0%	0%	MoH	21	13	62%	62%
BDRCS	11	10	91%	91%	MHI	2	0	0%	0%
BRAC	11	11	100%	100%	Medair	2	2	100%	100%
CARE	4	4	100%	100%	FH/MTI	3	3	100%	100%
DAM	2	2	100%	100%	PRANTIC	1	0	0%	0%
DBC	1	1	100%	100%	PULSE	1	1	100%	100%
DSK	1	0	0%	0%	QC	1	1	100%	100%
DCHT	2	2	100%	100%	PHD	10	10	100%	100%
FRNDS	10	6	60%	60%	RPN	2	1	50%	50%
GK	10	10	100%	100%	RHU	3	3	100%	100%
Global One	1	0	0%	0%	RI	3	3	100%	100%
GUSS	1	1	100%	100%	RTMI	9	8	89%	89%
HAEFA	2	2	100%	100%	SALT	1	1	100%	100%
HAIB	8	8	100%	100%	SCI	7	7	100%	100%
HMBDF	2	2	100%	100%	SHED	0	0		
HOPE	1	0	0%	0%	Turkish Government	1	0	0%	0%
ICRC	1	1	100%	100%	TdH	2	2	100%	100%
IOM	15	12	80%	80%					

Table 8 | Performance by camp

Northern group	W35		Cumulative (2021)	
	# alerts	% verif.	# alerts	% verif.
Alerts Northern group				
Camp 1E	4	100%	54	100%
Camp 1W	0	0%	63	100%
Camp 2E	6	100%	225	100%
Camp 2W	1	100%	53	100%
Camp 3	4	100%	113	100%
Camp 4	2	100%	123	100%
Camp 4 Ext	1	100%	21	100%
Camp 5	0	0%	92	100%
Camp 6	1	100%	53	100%
Camp 7	0	0%	24	100%
Camp 8E	0	0%	30	100%
Camp 8W	2	100%	113	100%
Kutupalong RC	0	0%	21	100%

Map 5 | Number of alerts by camp

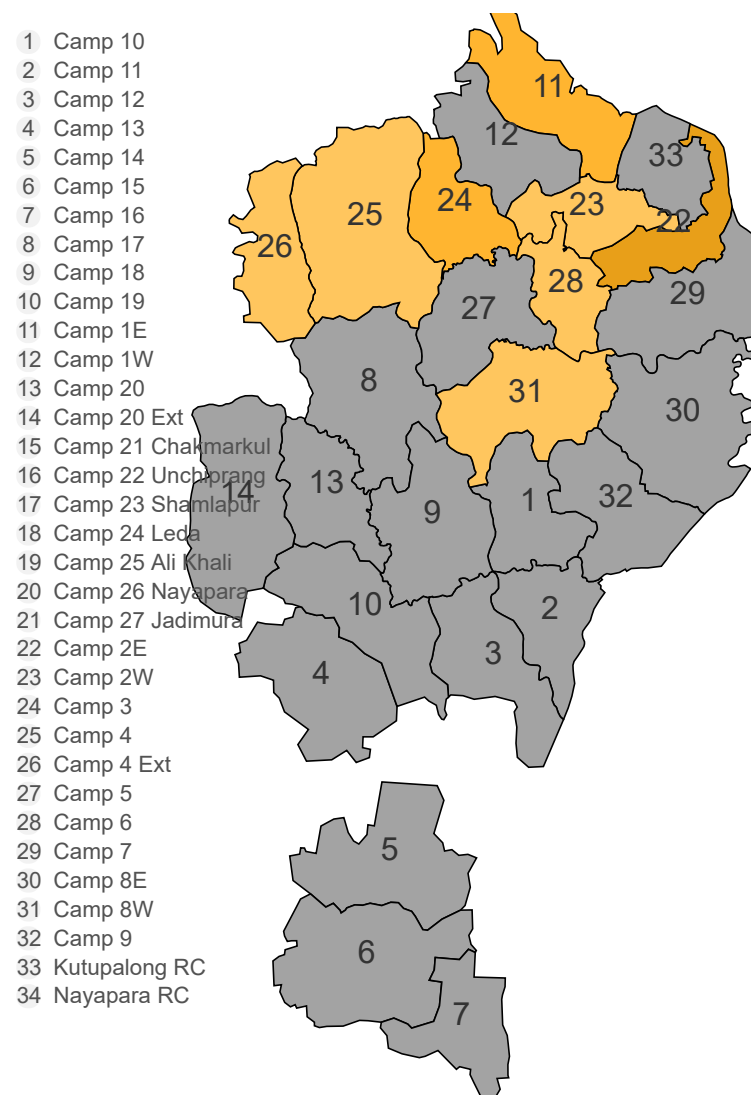
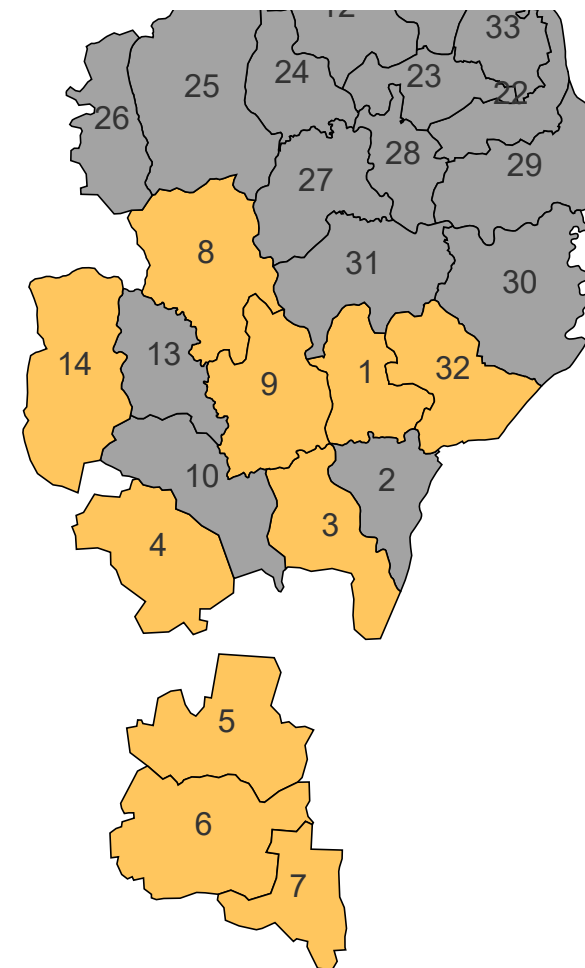


Table 9 | Performance by camp

Southern group	W35		Cumulative (2021)	
	# alerts	% verif.	# alerts	% verif.
Alerts Northern group				
Camp 10	1	100%	71	100%
Camp 11	0	0%	81	100%
Camp 12	2	100%	74	100%
Camp 13	2	100%	93	100%
Camp 14	2	100%	66	100%
Camp 15	2	100%	86	100%
Camp 16	2	100%	91	100%
Camp 17	1	100%	60	100%
Camp 18	1	100%	108	100%
Camp 19	0	0%	59	100%
Camp 20	0	0%	48	100%
Camp 20 Ext	2	100%	37	100%
Camp 9	1	100%	93	100%

Map 6 | Number of alerts by camp

- 1 Camp 10
- 2 Camp 11
- 3 Camp 12
- 4 Camp 13
- 5 Camp 14
- 6 Camp 15
- 7 Camp 16
- 8 Camp 17
- 9 Camp 18
- 10 Camp 19
- 11 Camp 1E
- 12 Camp 1W
- 13 Camp 20
- 14 Camp 20 Ext
- 15 Camp 21 Chakmarkul
- 16 Camp 22 Unchiprang
- 17 Camp 23 Shamlapur
- 18 Camp 24 Leda
- 19 Camp 25 Ali Khali
- 20 Camp 26 Nayapara
- 21 Camp 27 Jadimura
- 22 Camp 2E
- 23 Camp 2W
- 24 Camp 3
- 25 Camp 4
- 26 Camp 4 Ext
- 27 Camp 5
- 28 Camp 6
- 29 Camp 7
- 30 Camp 8E
- 31 Camp 8W
- 32 Camp 9
- 33 Kutupalong RC
- 34 Nayapara RC



of alerts



Table 10 | Performance by camp

Teknaf	W35		Cumulative (2021)	
	# alerts	% verif.	# alerts	% verif.
Alerts Northern group				
Camp 21 Chakmarkul	0	0%	19	100%
Camp 22 Unchiprang	2	100%	57	100%
Camp 23 Shamlapur	0	0%	16	100%
Camp 24 Leda	1	100%	49	100%
Camp 25 Ali Khali	0	0%	21	100%
Camp 26 Nayapara	2	100%	82	100%
Camp 27 Jadimura	0	0%	11	100%
Nayapara RC	1	100%	35	100%

Map 7 | Number of alerts by camp

1 Camp 10

2 Camp 11

3 Camp 12

4 Camp 13

5 Camp 14

6 Camp 15

7 Camp 16

8 Camp 17

9 Camp 18

10 Camp 19

11 Camp 1E

12 Camp 1W

13 Camp 20

14 Camp 20 Ext

15 Camp 21 Chakmarkul

16 Camp 22 Unchiprang

17 Camp 23 Shamlapur

18 Camp 24 Leda

19 Camp 25 Ali Khali

20 Camp 26 Nayapara

21 Camp 27 Jadimura

22 Camp 2E

23 Camp 2W

24 Camp 3

25 Camp 4

26 Camp 4 Ext

27 Camp 5

28 Camp 6

29 Camp 7

30 Camp 8E

31 Camp 8W

32 Camp 9

33 Kutupalong RC

34 Nayapara RC

of alerts



Table 11 | Performance by type of alert

Event	W35		Cumulative (2021)	
	# alerts	% verif.	# alerts	% verif.
Indicator-based surveillance				
Malaria	0	0%	4	100%
Measles	4	100%	263	100%
Bloody Diarr.	0	0%	0	0%
AFP	0	0%	9	100%
Meningitis	2	100%	26	100%
Haem. fever (susp.)	0	0%	8	100%
NNT	0	0%	2	100%
Unexp. fever	2	100%	104	100%
AWD	2	100%	212	100%
ARI	4	100%	205	100%
AJS	0	0%	35	100%
Varicella (Susp.)	0	0%	31	100%
Suspected COVID-19	0	0%	0	0%
Event-based surveillance				
EBS total	4	100%	153	100%

Table 12 | Risk assessment

W35	Cumulative (2021)	
0	20	Low risk
0	2	Moderate risk
0	1	High risk
0	0	Very high risk

For more help and support, please contact:

Dr. Shownam Barua
Medical Officer - Civil Surgeon Office (MO-CS)
Ministry of Health and Family Welfare
Cox's Bazar, Bangladesh
Telephone: +88 01723350483
Email: bshownam49@gmail.com

Dr. Feroz Hayat Khan
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



HEALTH SECTOR
COX'S BAZAR



Global
EWARS

Bangladesh

Rohingya Emergency Response

Early Warning, Alert and Response System (EWARS)

Annex W35 2021



Ministry of Health and Family
Welfare Bangladesh



World Health
Organization



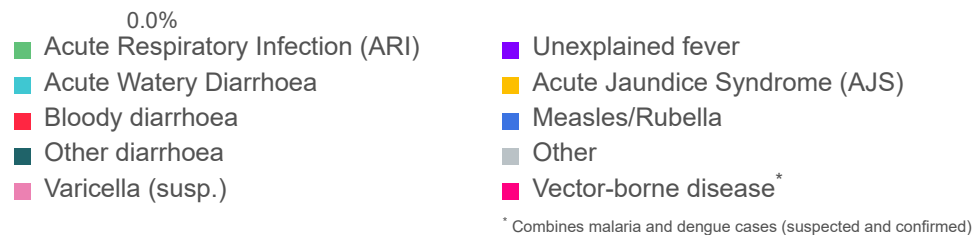
HEALTH SECTOR
COX'S BAZAR



Printed: 11:10 Tuesday, 07 September 2021 UTC

Proportional morbidity

Figure 1 | Proportional morbidity (W35 2021)



Disease	W35		2021	
	# cases	% morbidity	# cases	% morbidity
AWD	2,335	3.4%	104,167	3.6%
Bloody diarr.	270	0.4%	12,451	0.4%
Other diarr.	712	1.0%	33,658	1.1%
Susp. Varicella	10	0.0%	3,524	0.1%
ARI	10,993	15.9%	508,680	17.4%
Measles/Rub.	7	0.0%	395	0.0%
AFP	0	0.0%	9	0.0%
Susp. menin.	4	0.0%	93	0.0%
AJS	3	0.0%	378	0.0%
Susp. HF	0	0.0%	14	0.0%
Neo. tetanus	0	0.0%	0	0.0%
Adult tetanus	0	0.0%	12	0.0%
Malaria (conf.)	0	0.0%	16	0.0%
Malaria (susp.)	1,558	2.3%	25,922	0.9%
Dengue (conf.)	0	0.0%	4	0.0%
Dengue (susp.)	0	0.0%	31	0.0%
Unexpl. fever	542	0.8%	32,551	1.1%
Sev. Malnut.	26	0.0%	1,184	0.0%
Inj./Wounds	1,758	2.5%	78,099	2.7%
Other	50,736	73.5%	2,126,531	72.6%
Total	68,445	100%	2,929,366	100%

Trend in consultations and key diseases

Figure 2 | Trend in proportional morbidity for key diseases (W35)

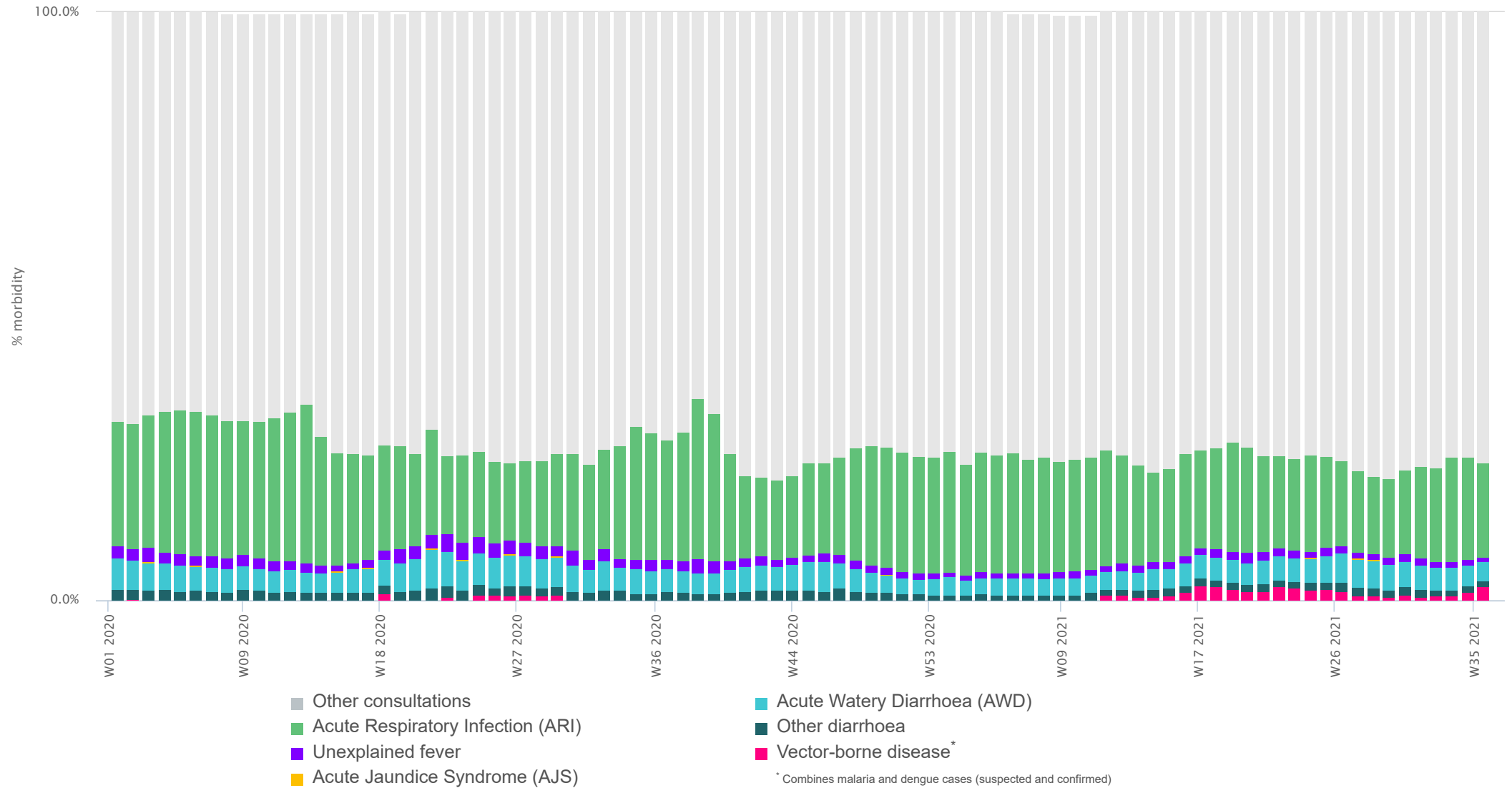
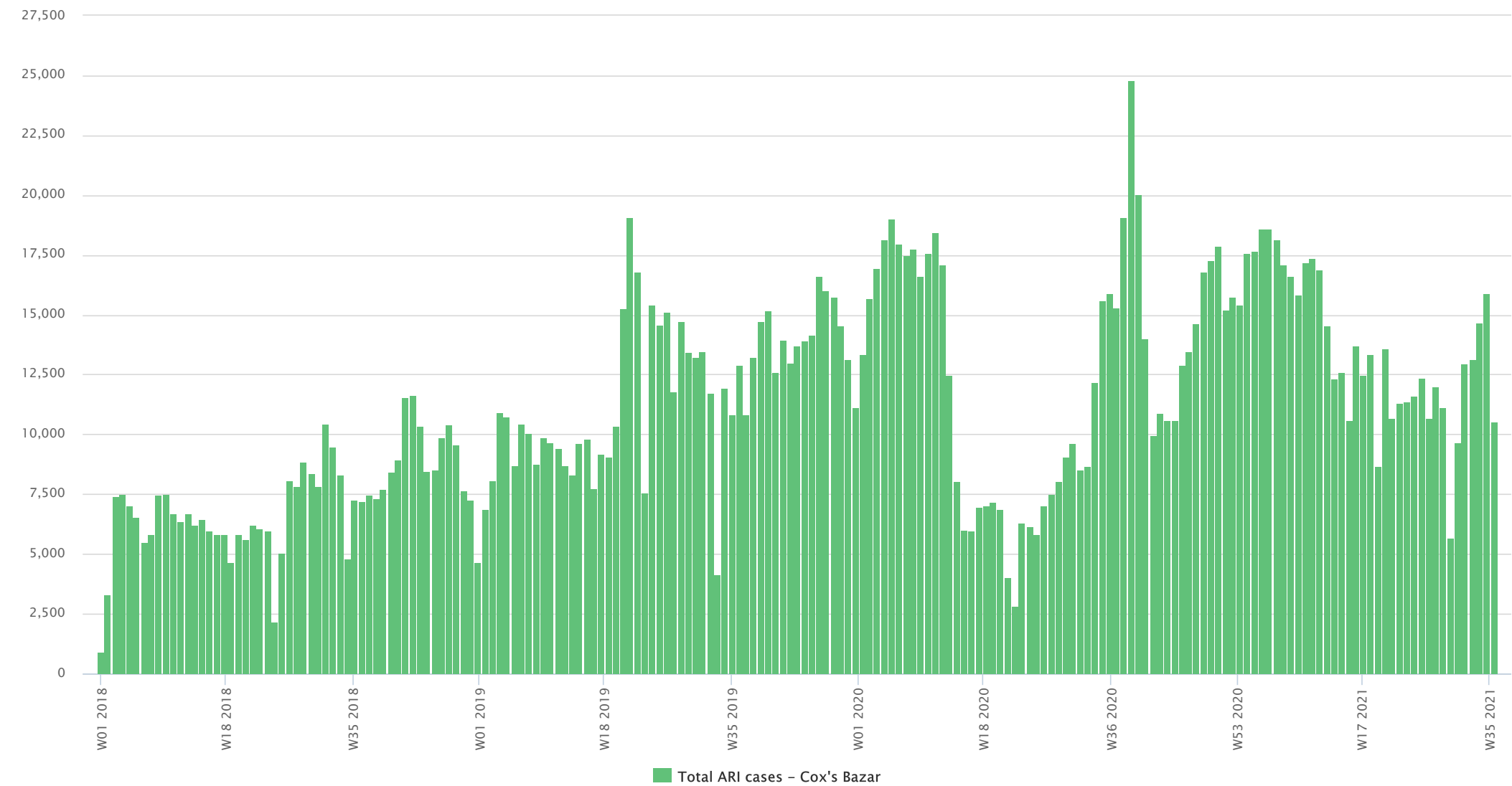
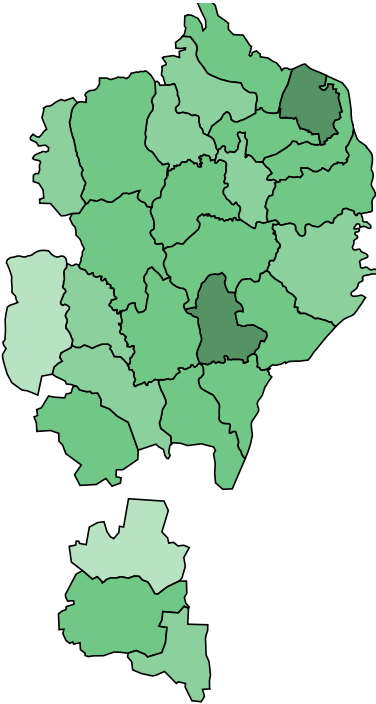


Figure 3 | Trend in number of cases over time (W38 2017 - W35 2021)



Map 1 | Map of cases by camp (W35 2021)

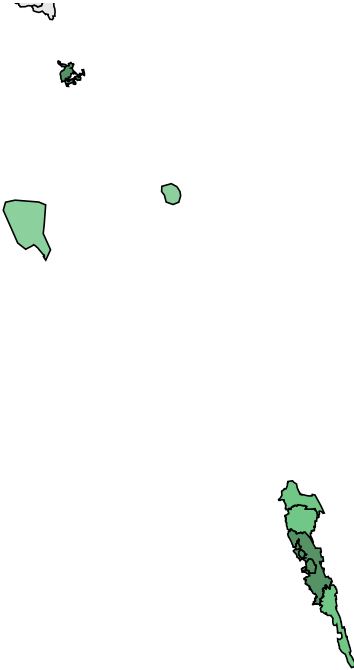
a. Ukhia | Number of cases



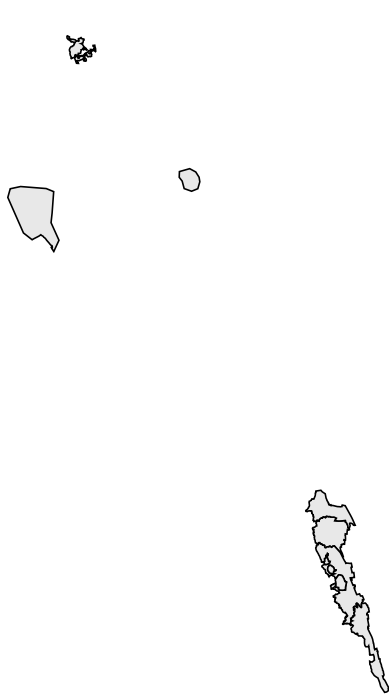
b. Ukhia | Number of alerts



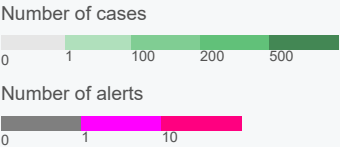
c. Teknaf | Number of cases



d. Teknaf | Number of alerts



Map legend



Alert threshold

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

Alert management (W35 2021)

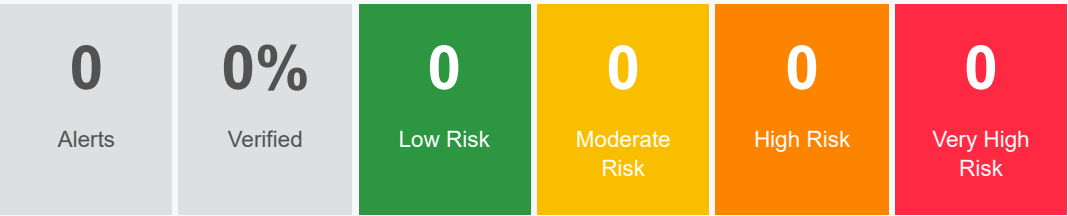


Figure | % sex

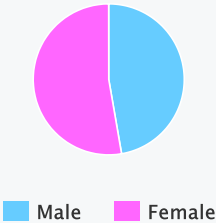


Figure | % age

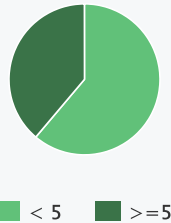
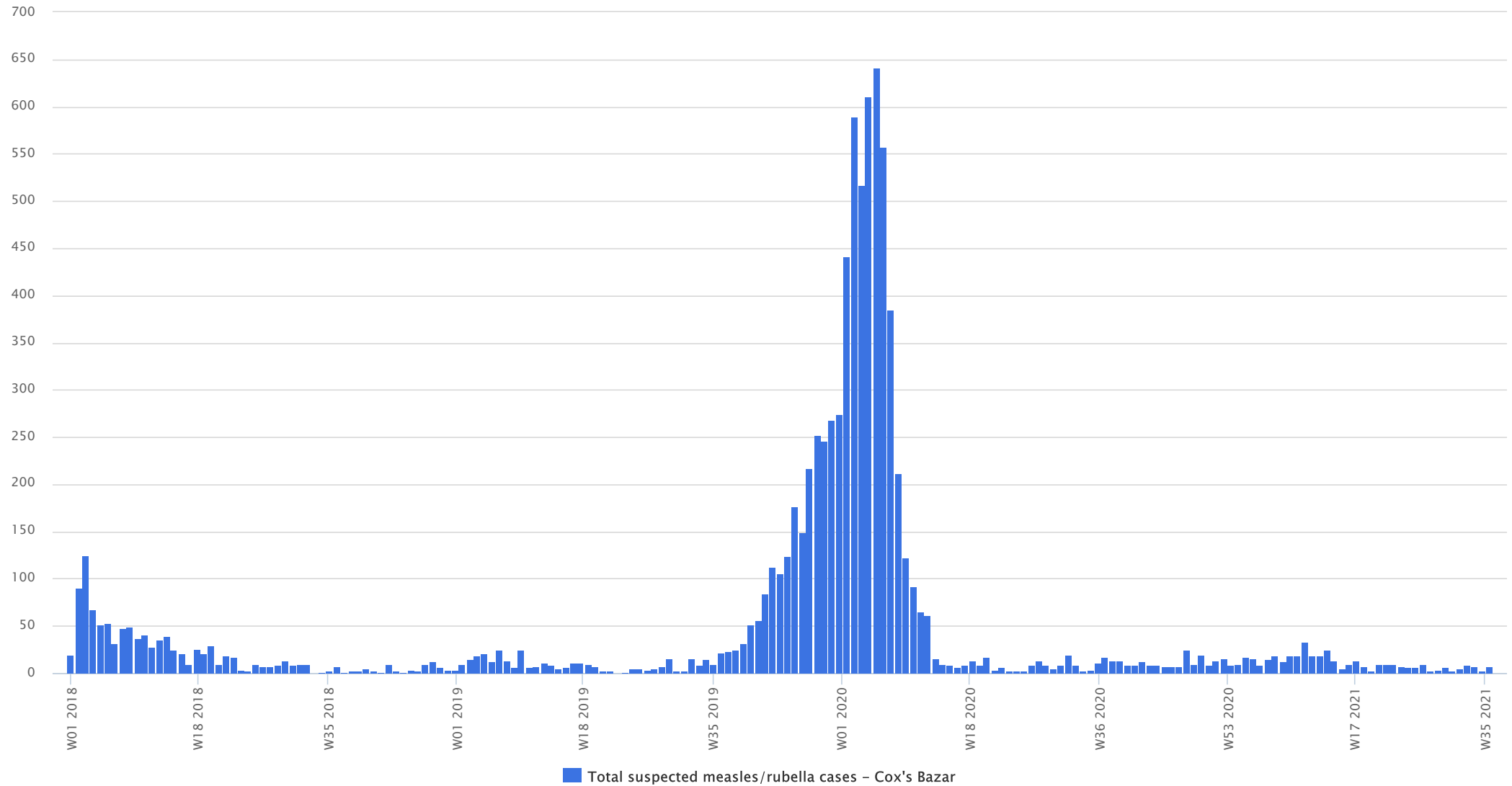


Figure 4 | Trend in number of suspected cases over time (W38 2017 - W35 2021)

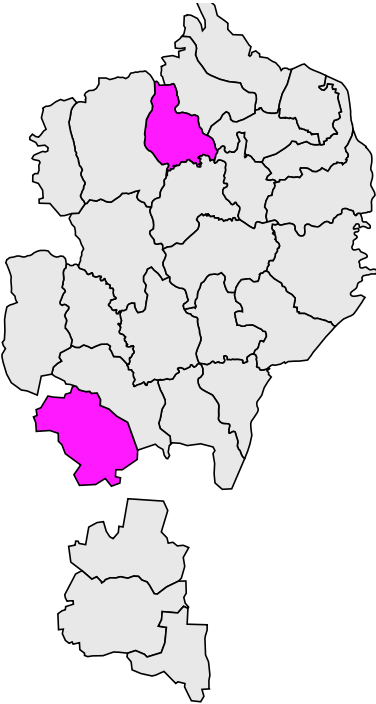


Map 2 | Map of cases by camp (W35 2021)

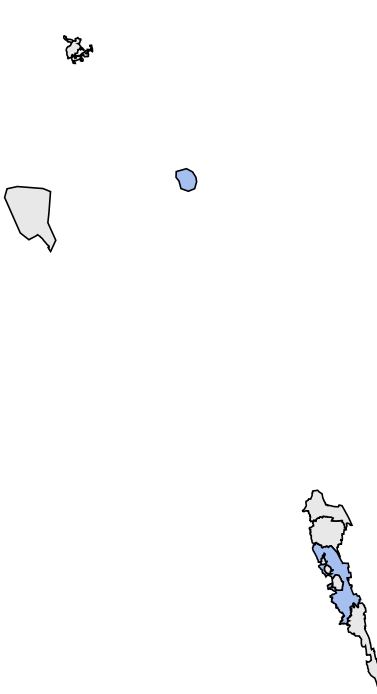
a. Ukhia | Number of cases



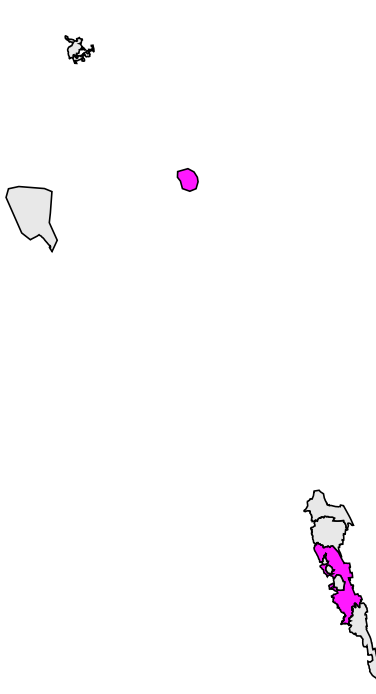
b. Ukhia | Number of alerts



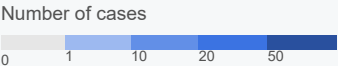
c. Teknaf | Number of cases



d. Teknaf | Number of alerts



Map legend



Alert threshold
1 case. Source: IEDCR

Alert management (W35 2021)

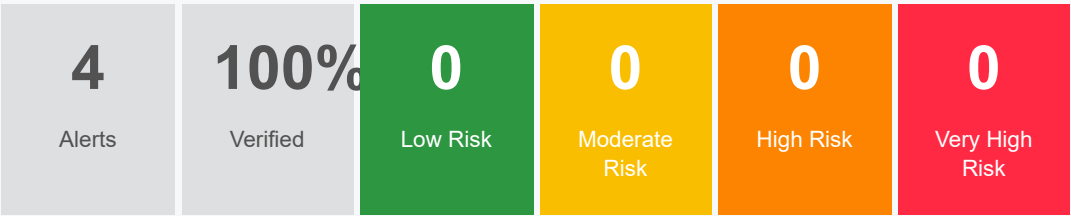


Figure | % sex

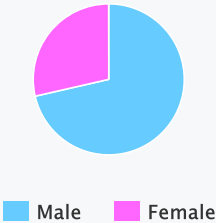


Figure | % age

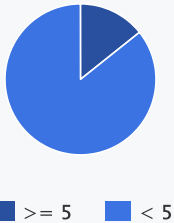
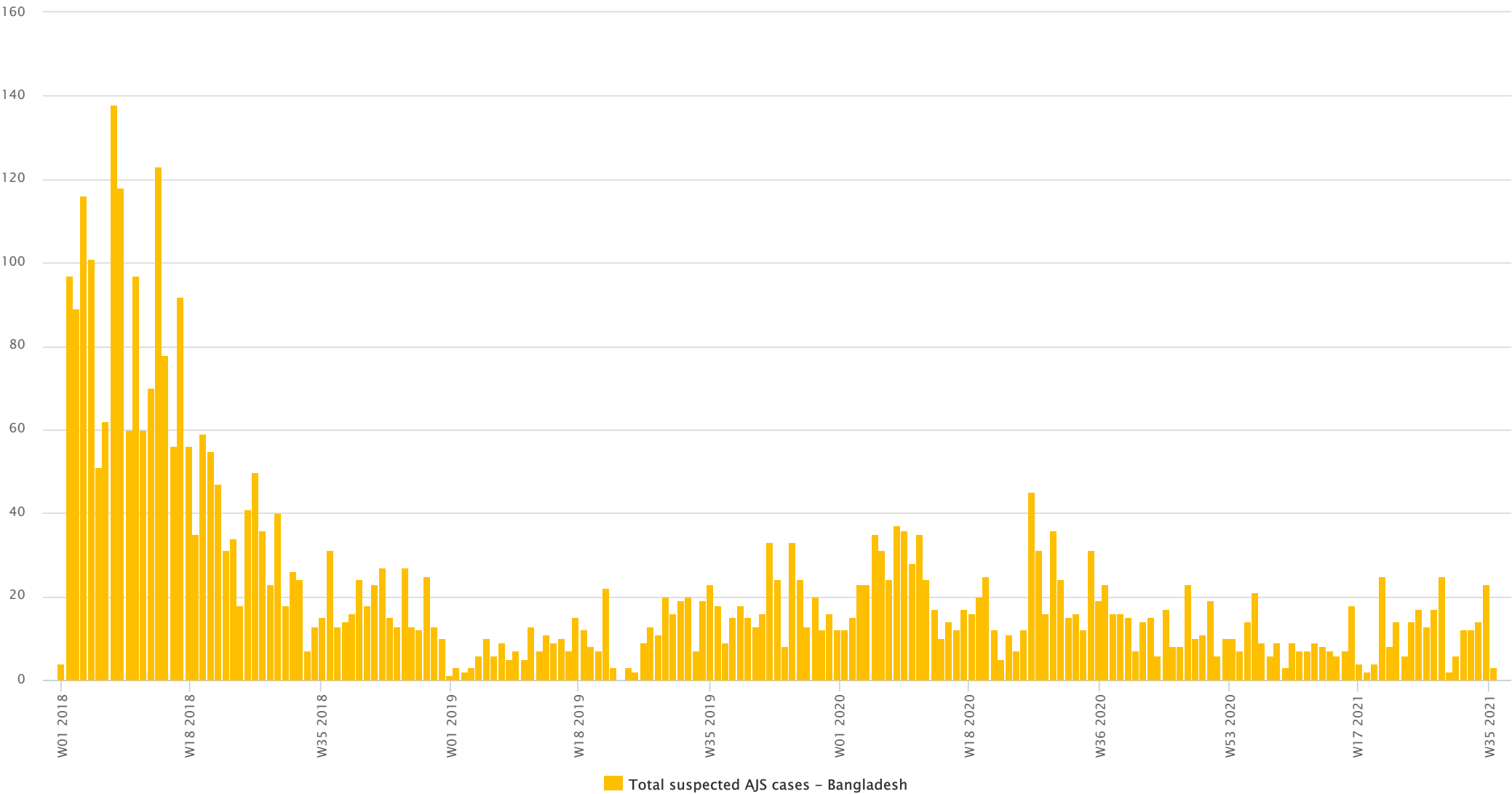
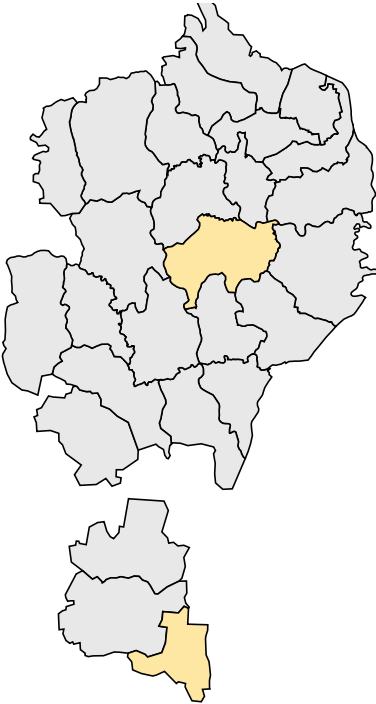


Figure 5 | Trend in number of cases over time (W38 2017 - W35 2021)



Map 3 | Map of cases by camp (W37 2017 - W35 2021)

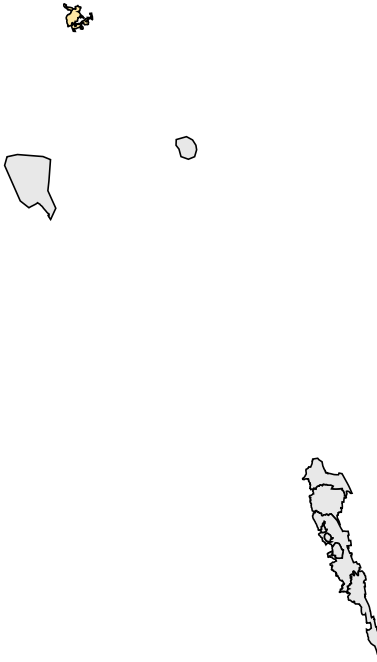
a. Ukhia | Number of cases



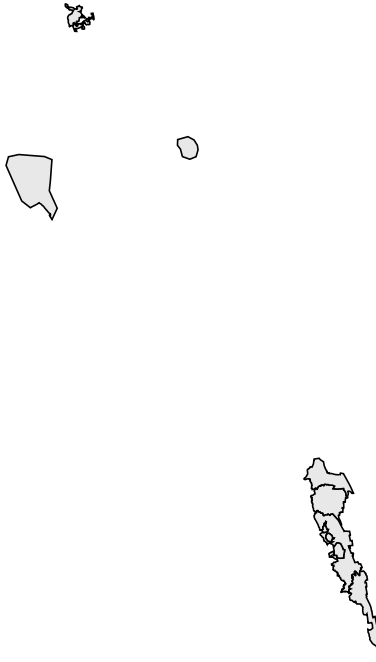
b. Ukhia | Number of alerts



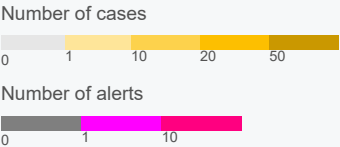
c. Teknaf | Number of cases



d. Teknaf | Number of alerts



Map legend



Alert threshold

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

Alert management (W35 2021)

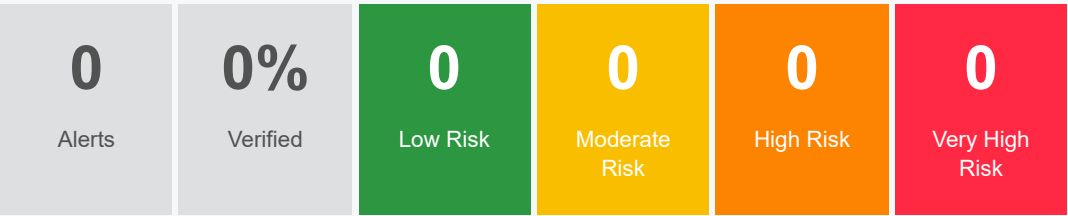


Figure | % sex



Figure | % age

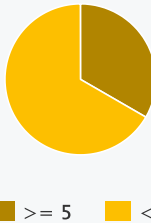


Figure 6 | Trend in number of cases over time (W38 2017 - W35 2021)

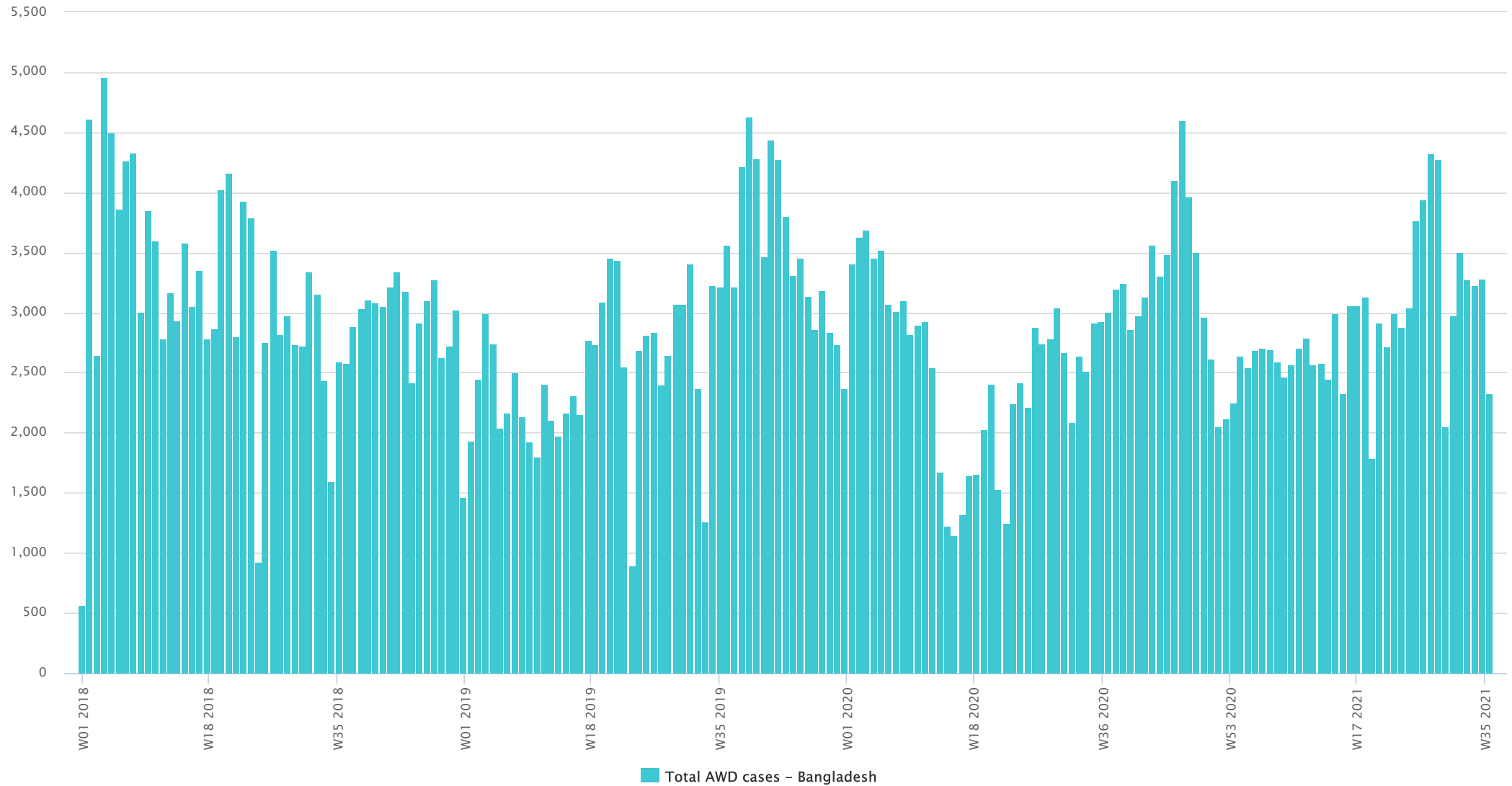
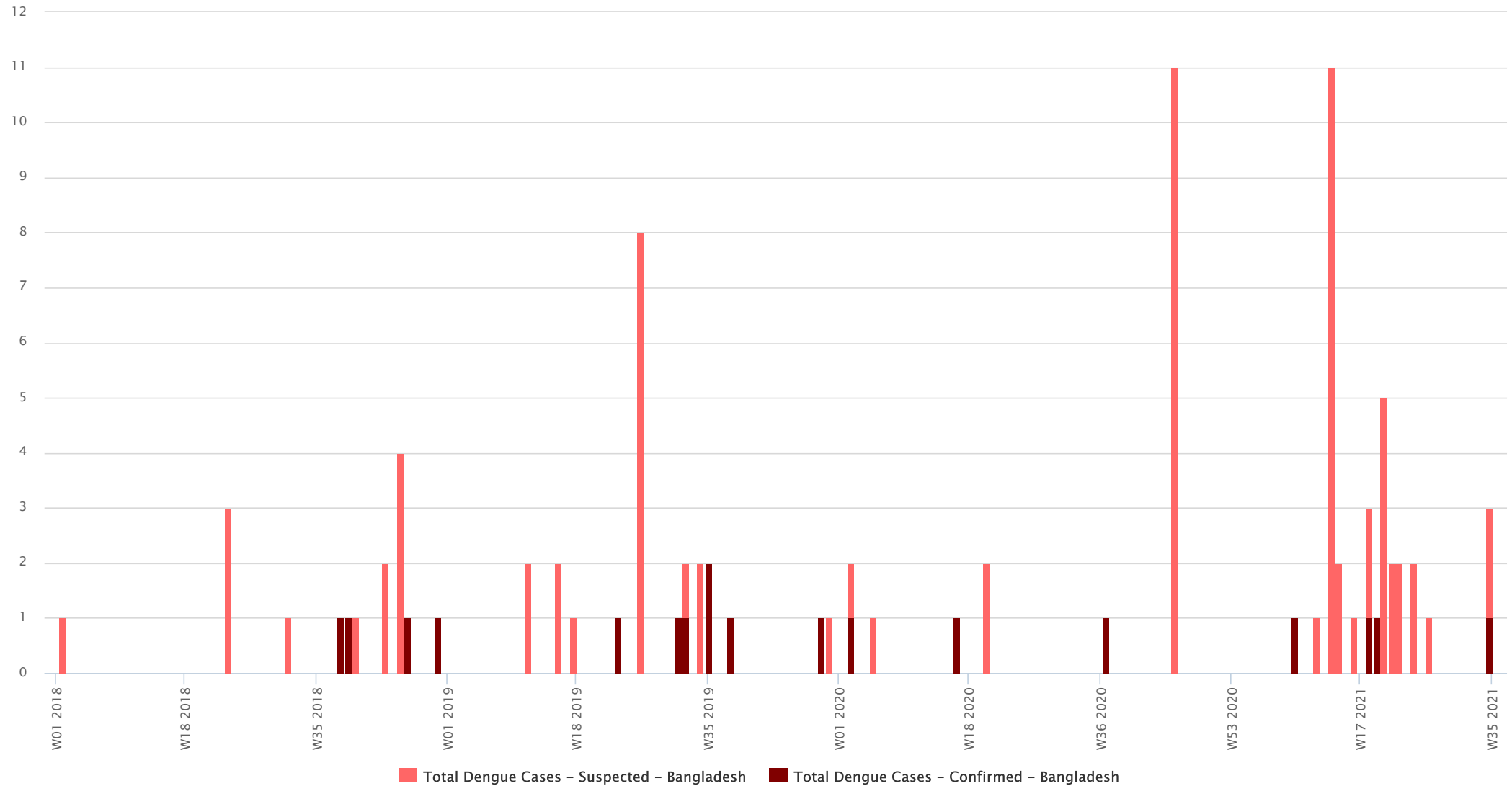


Figure 7 | Trend in number of cases over time (W38 2017 - W35 2021)

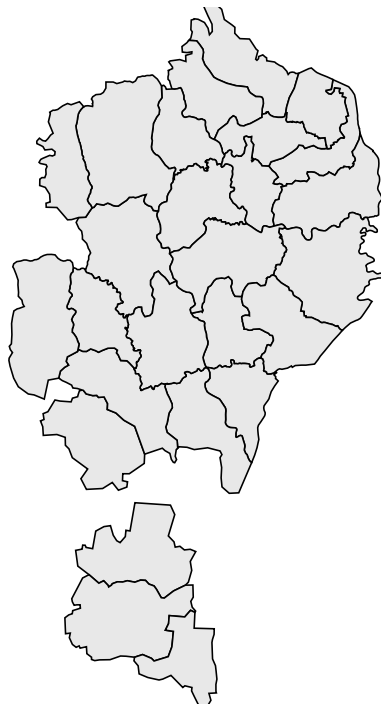


Map 4 | Map of cases by camp (W37 2017 - W35 2021)

a. Ukhia | Number of cases

Loading...

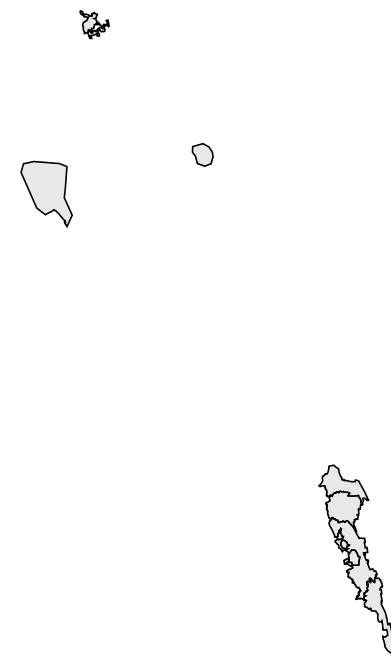
b. Ukhia | Number of alerts



c. Teknaf | Number of cases

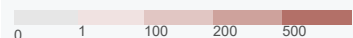
Loading...

d. Teknaf | Number of alerts



Map legend

Number of cases



Number of alerts



Alert threshold

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

Alert management (W35 2021)

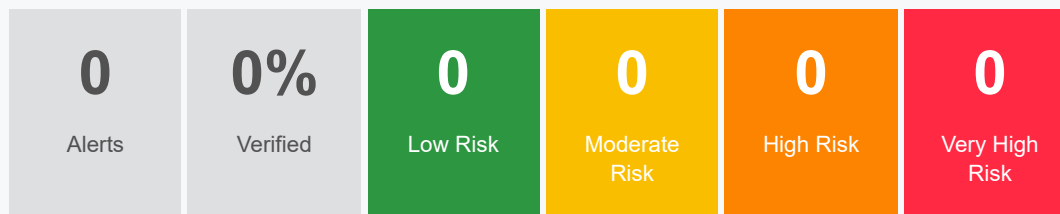


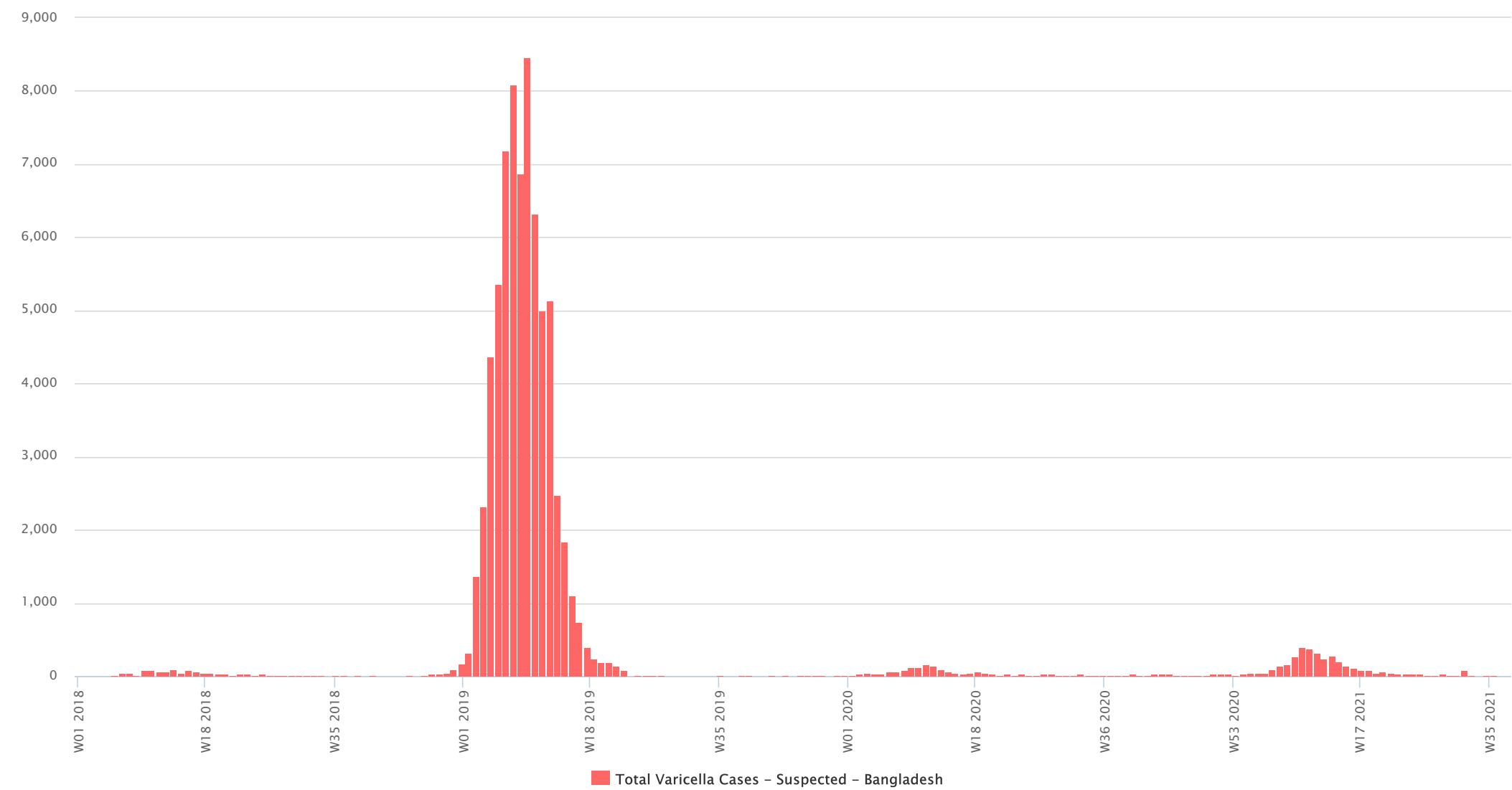
Figure | % sex

No data in chart

Figure | % age

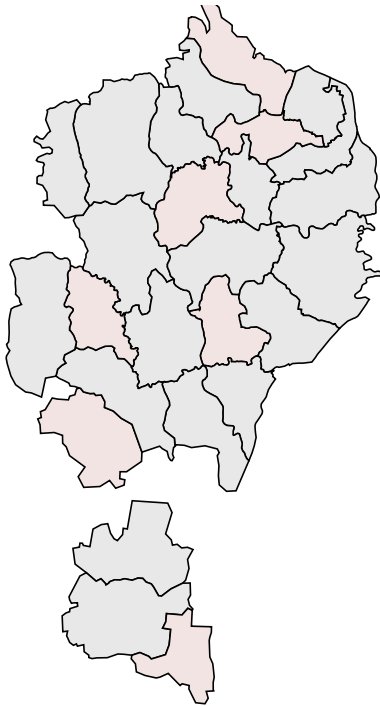
No data in chart

Figure 7 | Trend in number of cases over time (W38 2017 - W35 2021)

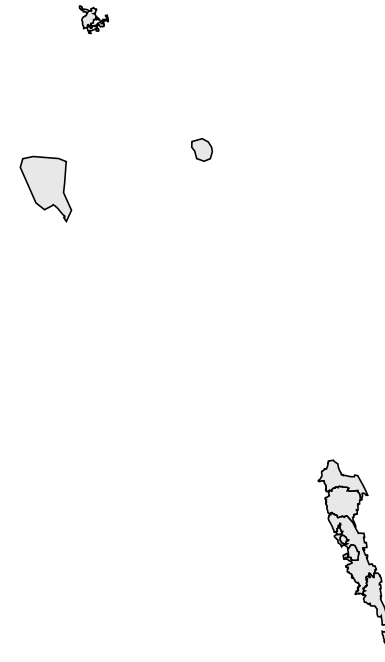


Map 4 | Map of cases by camp (W37 2017 - W35 2021)

a. Ukhia | Number of cases



c. Teknaf | Number of cases



Map legend

Number of cases

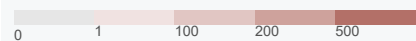
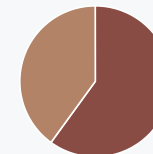


Figure | % sex



Male Female

Figure | % age



≥ 5 < 5

For more help and support, please contact:

Dr. Shownam Barua
Medical Officer - Civil Surgeon Office (MO-CS)
Ministry of Health and Family Welfare
Cox's Bazar, Bangladesh

Telephone: +88 01723350483

Email: bshownam49@gmail.com

Dr. Feroz Hayat Khan
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



HEALTH SECTOR
COX'S BAZAR



Global

EWARS