



Epidemiological Highlights

Epi Week 5, 2024: 28 Jan- 3 Feb 2024

EWARS Surveillance Update Epi Week 5, 2024

Total Rohingya Population	971,904*
Total Population under surveillance	939,344 (97%)
Number of EWARS reporting site	130
Number of weekly report received	106
Completeness	82% (Cumulative 81%)
Timeliness	82% (Cumulative 72%)
Total alert raised	71 (13% drop in compared to the previous week)

*Join Government of Bangladesh-UNHCR Population Factsheet as of December 2023

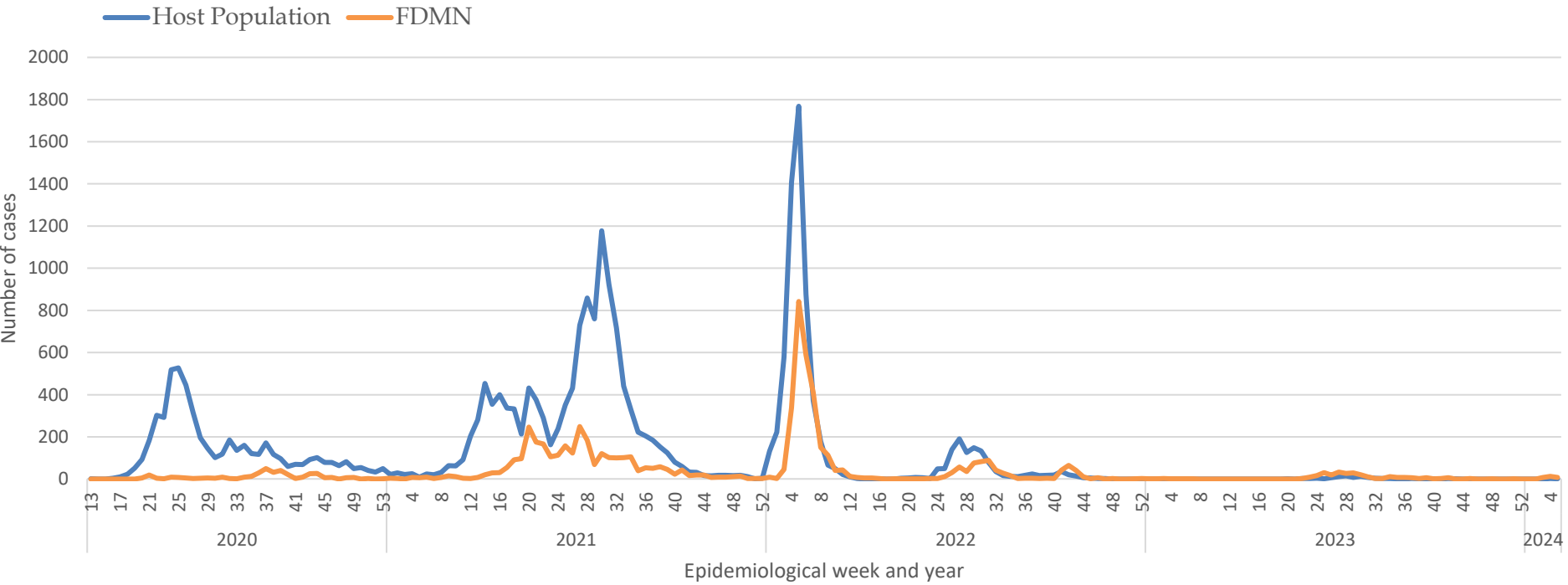
Proportional Morbidity

Acute Respiratory Infections (27.5%), Acute Watery Diarrhoea (3.2%), and Injury and wounds (2.7%) were the diseases and health conditions with the highest proportional morbidity this week.

Upsurges/Outbreak

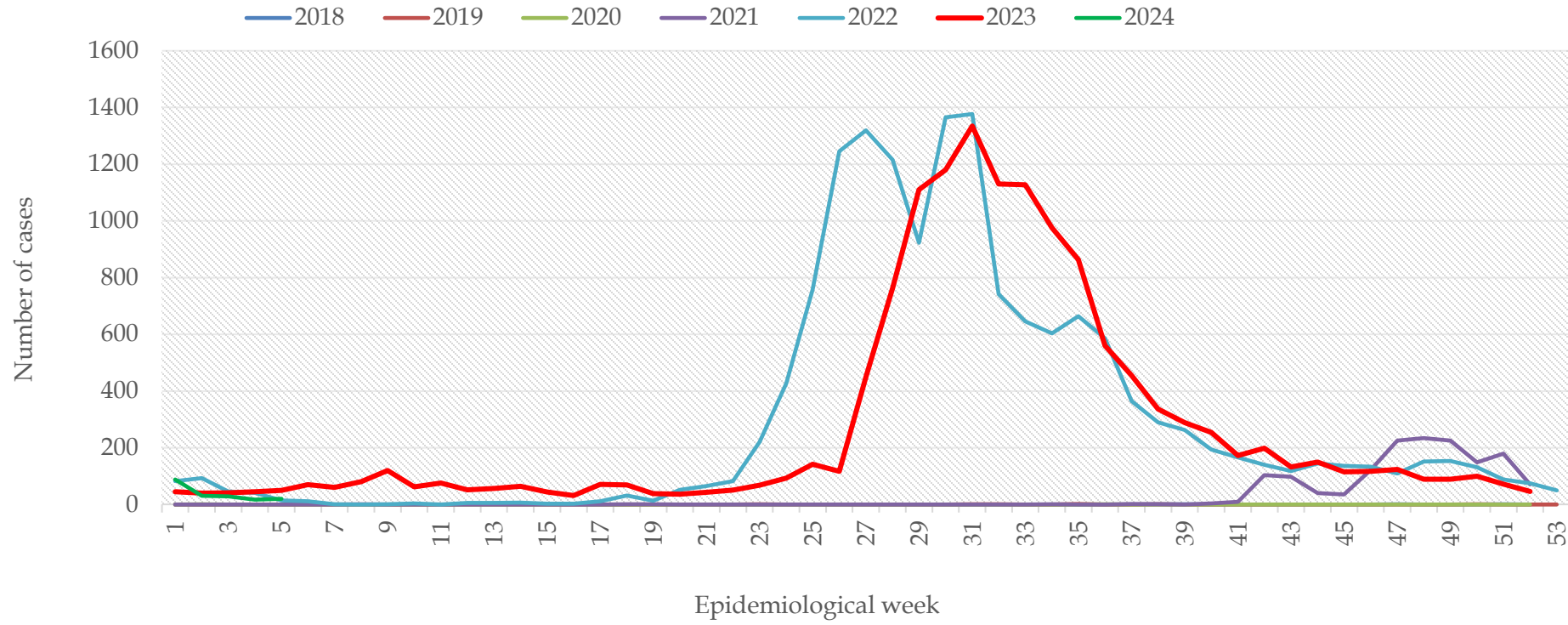
- There has been a minimal increase in suspected cases of Varicella; and a suspected Measles outbreak with no confirmed cases or additional cases reported in Camp 5 during this week.
- Additionally, transmission of COVID-19, Dengue, and Diphtheria are largely under control.
- Transmission of AWD and suspected Cholera cases has been low partially because there hasn't been Cholera culture detection since 31 August 2023 and reduced transmission. WHO working with the field IEDCR lab to revitalize this in a few weeks.

Yearly Trends of COVID-19 Cases from Epi Week 14, 2020 - Epi Week 5, 2024



	FDMN	Host Population (Cox's Bazar)
Number of reported case current week	7	1
Cumulative case 2024	27	4
Cumulative death 2024	0	0
Cumulative cases as of date	6,880	24,736
Cumulative death as of date	46	269

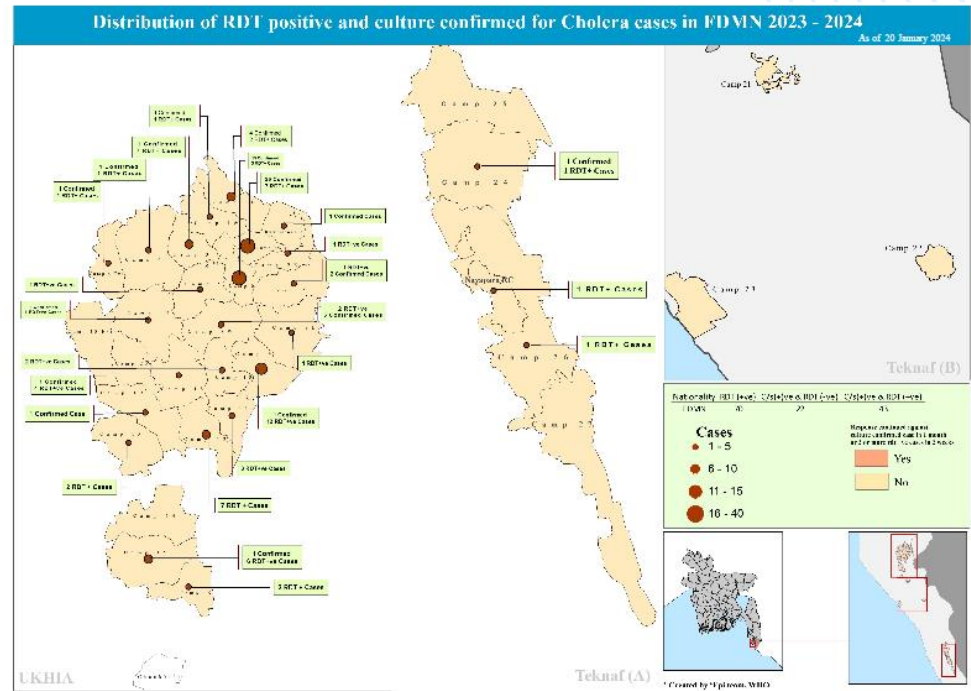
Annual trendlines for weekly Dengue Confirmed Cases from 2018-Epi Week 5, 2024



Number of cases reported in the current week	20 (18% dropped compared to the previous week)
Cumulative cases reported in 2024	185
Number of deaths reported in the current week (cumulative in 2024)	0 (0)
Total cases reported in 2023	13,902
Total deaths reported in 2023	18

Table and spot map of Cholera suspected and confirmed cases from 2018-Epi Week 5, 2024

- In this week, no new cholera cases were reported
- In 2024, 1 suspected cholera case has been identified as of week 5
- Cumulatively there are 1,021 RDT-positive AWD cases/Cholera suspects reported while 483 cases were culture-confirmed since surveillance began in 2018



	2018	2019	2020	2021	2022	2023	2024
RDT-positive AWD cases/Cholera suspects	49	258	28	357	170	158	1
Culture-confirmed for Cholera	7	184	5	136	70	81	0

Table on the epidemiological classification of Diphtheria cases from 2017-Epi Week 5, 2024 and Trendlines for Epi Week 1, 2023- Epi Week 5, 2024

Classification	2017	2018	2019	2020	2021	2022	2023	2024
Lab. Confirmed	66	226	31	19	30	56	7	1
Clinical Compatible	1,154	1,555	60	9	29	3	24	2
Negative/sample not collected	1,796	3,549	523	198	118	349	250	15
Death	30	14	3	0	5	2	1	0

Number of cases reported in the current week	1 suspected cases
Cumulative cases in 2024	18
Number of deaths reported in the current week (cumulative deaths in 2024)	0
Last confirmed case	4 January 2024
Last death	15 May 2023

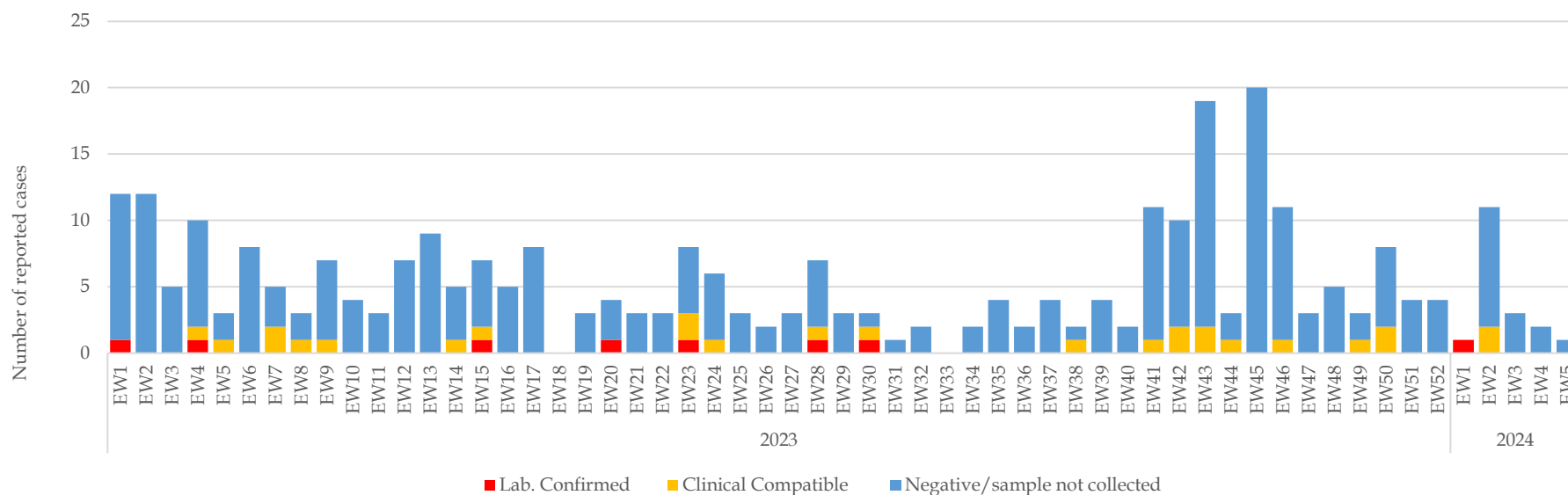


Table and Epi curve for suspected Measles and Rubella Cases in Rohingya Refugee Camps and host population for Epi Week 1, 2023-Epi Week 5, 2024

Number of reported suspected cases current week	7
Cumulative suspected cases in 2024	27
Number of samples collected and sent to the lab	--
Cumulative samples collected and sent to the lab	--
Lab Confirmed Measles in 2024	0
Lab Confirmed Rubella cases in 2024	0

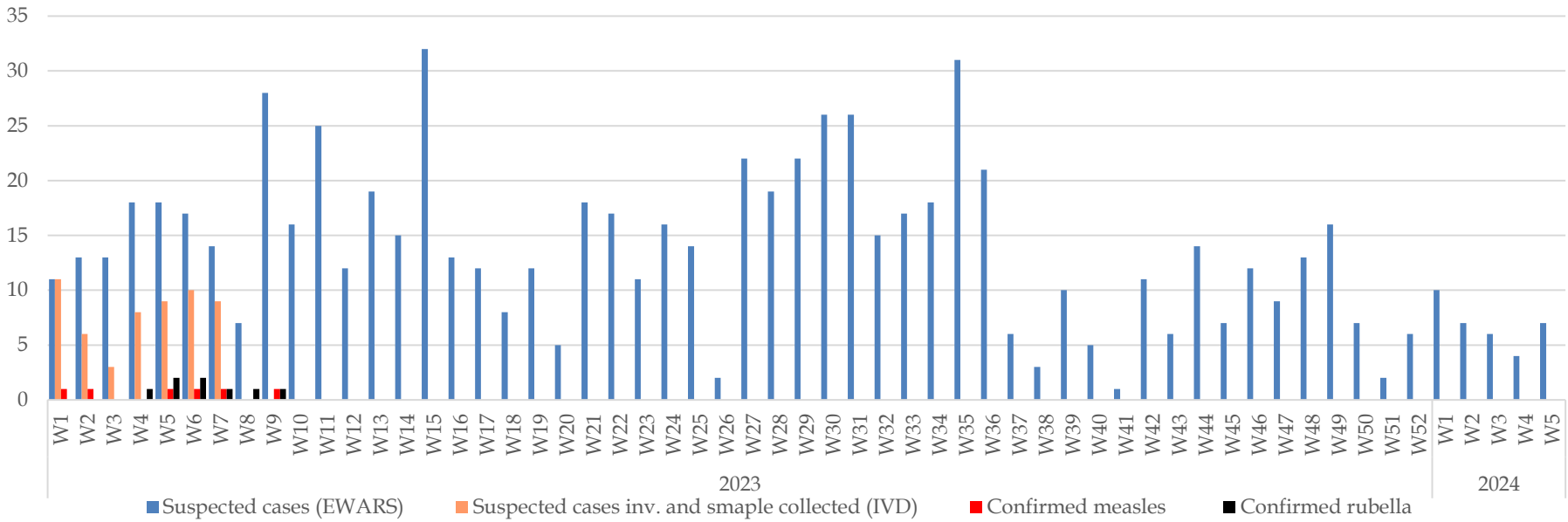
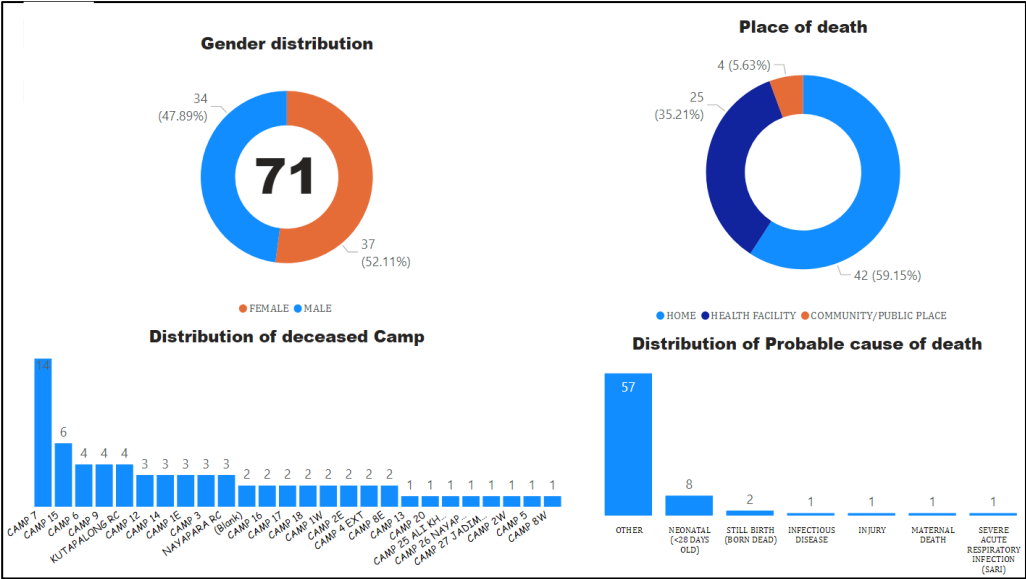


Table on Proportionate Mortality and their distribution by gender, place of deaths and probable causes, week 5, 2024

Probable causes of death	Epi week 5	In 2024
Still Birth	2 (3%)	23 (7%)
Neonatal Death (<28 days old)	8 (4%)	26 (7%)
Infectious Disease	1 (1%)	6 (2%)
Severe Acute Respiratory Infection (SARI)	1 (1%)	9 (3%)
Injury	1 (1%)	8 (2%)
Maternal Death	1 (1%)	10 (3%)
Acute Malnutrition	--	--
Other	57 (80%)	267 (77%)
Total	71 (100%)	349 (100%)



Bangladesh

Rohingya Emergency Response

Early Warning, Alert and
Response System (EWARS)

Epidemiological Bulletin W5 2024



Ministry of Health and Family
Welfare Bangladesh



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Printed: 05:10 Wednesday, 14 February 2024 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

Table 1 | Coverage

#	%	
971,904	-	Estimated total Rohingya population ¹
939,344	97%	Total population under surveillance
140	-	Total number of health facilities
130	93%	Number of EWARS reporting sites

Table 2 | Early warning performance indicators

W5	Cumulative (2024)	
106	659	Number of weekly reports received
82%	81%	Completeness
82%	72%	Timeliness

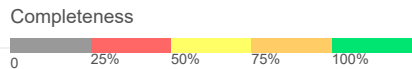
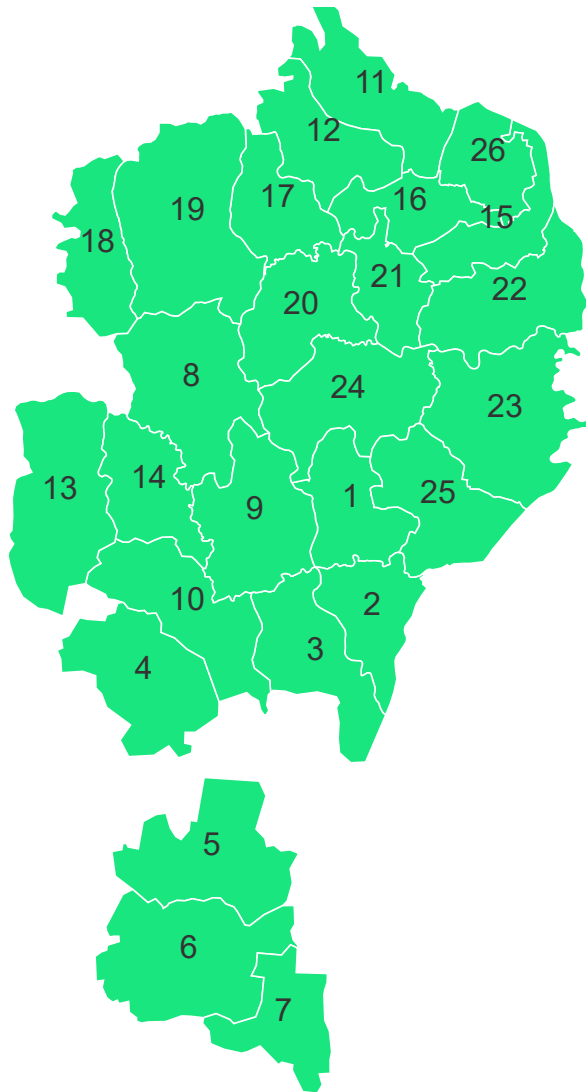
Table 3 Alert performance indicators

W5	Cumulative (2024)	
71	440	Total alerts raised
110%	100%	% verified
0%	0%	% auto-discarded
0%	0%	% undergoing risk assessment
0%	0%	% completed risk assessment

¹ Source: UNHCR. Bangladesh: Joint Government of Bangladesh- UNHCR Population Factsheet. 31 December 2022.

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 Ext
- 14 Camp 20
- 15 Camp 2E
- 16 Camp 2W
- 17 Camp 3
- 18 Camp 4 Ext
- 19 Camp 4
- 20 Camp 5
- 21 Camp 6
- 22 Camp 7
- 23 Camp 8E
- 24 Camp 8W
- 25 Camp 9
- 26 Kutupalong RC



Map 1b | Teknaf completeness by camp

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

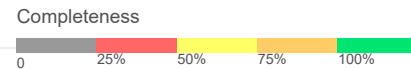
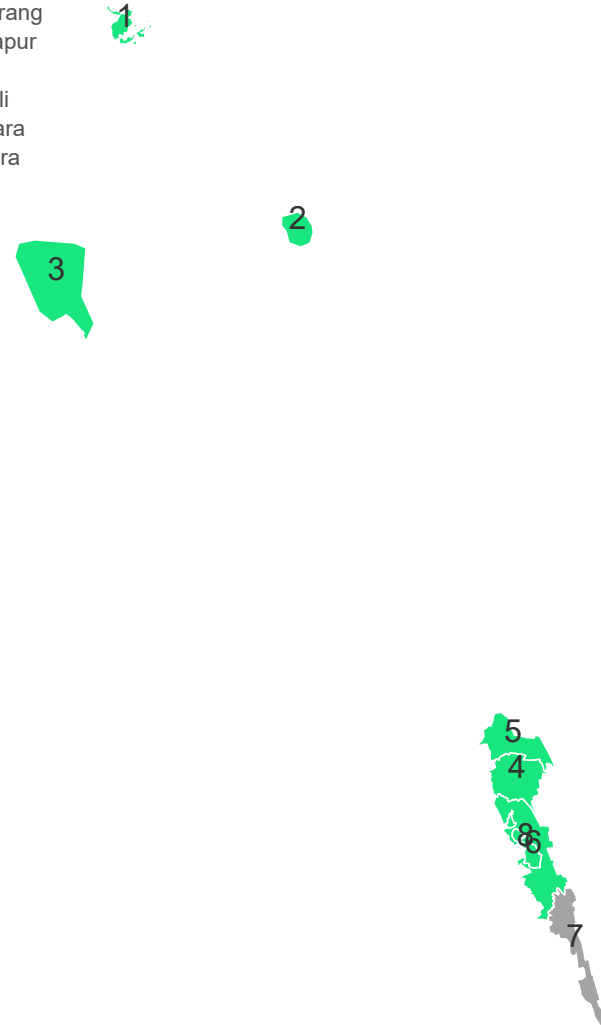


Table 4 | Performance by camp (W5 2024)

Northern group	Reporting		Performance	
	# health facilities	# reports received	Completeness	Timeliness
Ukhia Northern Group				
Camp 1E	4	4	100%	75%
Camp 1W	4	3	100%	63%
Camp 2E	3	3	100%	100%
Camp 2W	3	3	67%	83%
Camp 3	3	2	67%	67%
Camp 4	5	2	80%	50%
Camp 4 Ext	1	1	100%	100%
Camp 5	4	3	75%	75%
Camp 6	2	1	50%	25%
Camp 7	4	3	100%	75%
Camp 8E	9	7	88%	75%
Camp 8W	3	3	100%	100%
Kutupalong RC	2	2	100%	100%

Map 2 | Completeness by camp

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

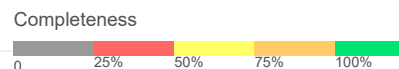
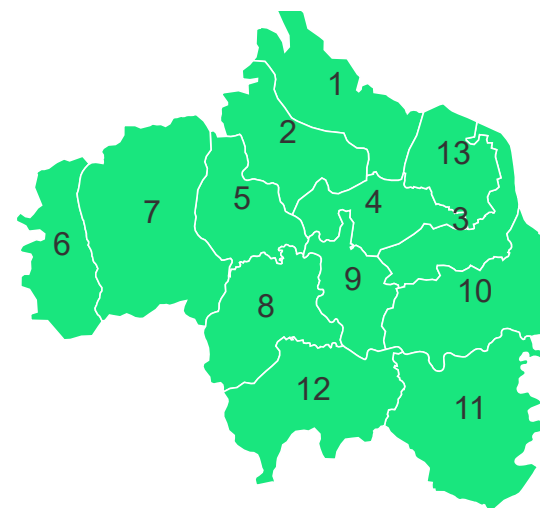


Table 5 | Performance by camp (W5 2024)

Southern group	Reporting		Performance	
	# health facilities	# reports received	Completeness	Timeliness
Ukhia Southern Group				
Camp 10	4	3	75%	75%
Camp 11	3	3	100%	83%
Camp 12	3	3	100%	100%
Camp 13	6	6	100%	83%
Camp 14	5	5	100%	90%
Camp 15	6	6	100%	90%
Camp 16	7	6	71%	71%
Camp 17	4	4	100%	100%
Camp 18	3	2	67%	67%
Camp 19	3	3	100%	83%
Camp 20	2	2	100%	100%
Camp 20 Ext	2	2	100%	100%
Camp 9	5	4	100%	70%

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 20 Ext
- 12 Camp 20
- 13 Camp 9

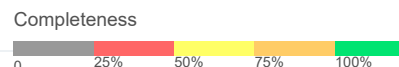
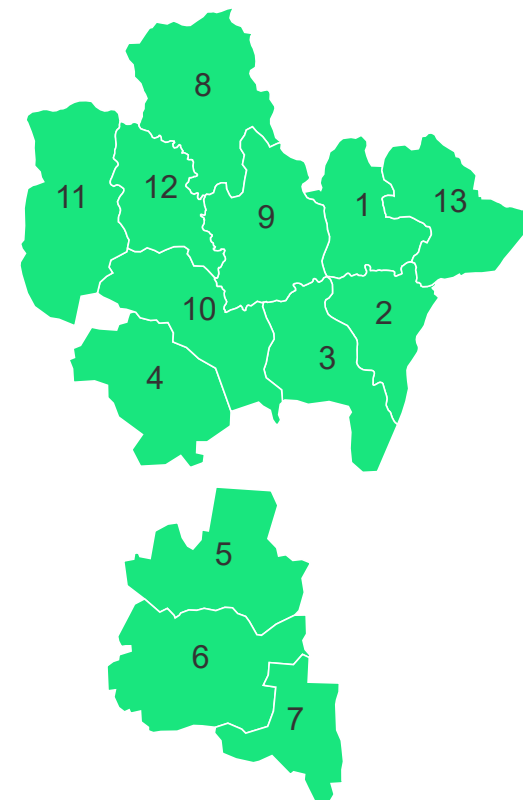


Table 6 | Performance by camp (W5 2024)

Teknaf	Reporting		Performance	
	# health facilities	# reports received	Completeness	Timeliness
	Ukhia Teknaf			
Camp 21 Chakmarkul	3	3	100%	83%
Camp 22 Unchiprang	4	3	100%	75%
Camp 23 Shamlapur	2	2	100%	100%
Camp 24 Leda	2	1	100%	50%
Camp 25 Ali Khali	3	2	67%	50%
Camp 26 Nayapara	4	2	75%	63%
Camp 27 Jadimura	1	1	100%	50%
Nayapara RC	2	2	100%	100%

Map 4 | Completeness by camp

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

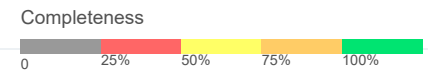
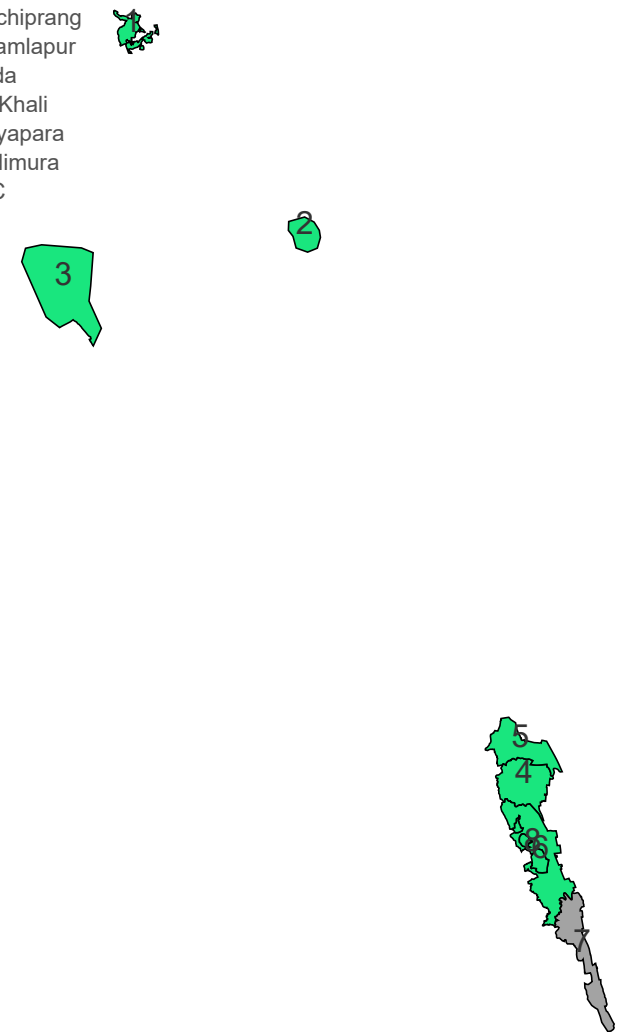


Table 7 | Performance by partner (W5 2024)

Partner	Performance		Reporting		Partner	Performance		Reporting	
	# sites	# reports received	Completeness	Timeliness		# sites	# reports received	Completeness	Timeliness
AKF	2	1	50%	50%	IRC	8	4	100%	75%
AWARD	12	6	50%	50%	MSF	14	7	100%	100%
BASHMAH	2	0	0%	0%	MoH	14	4	57%	57%
BDRCS	16	7	44%	44%	MHI	0	1	0%	0%
BRAC	12	12	50%	46%	Medair	0	0		
CARE	0	0			FH/MTI	8	3	75%	75%
GH/CPI	2	1	50%	50%	PRANTIC	2	1	50%	50%
DBC	2	1	50%	50%	PULSE	2	1	50%	50%
DSK	0	0			QC	2	1	50%	50%
DCHT-PWJ	2	1	50%	50%	PHD	14	4	57%	57%
FRNDS	16	5	50%	50%	RPN	4	1	25%	25%
GK	20	9	90%	90%	RHU	6	3	50%	100%
Global One	0	1	0%	0%	RI	0	0		
GUSS	2	1	50%	50%	RTMI	10	4	80%	80%
HAEFA	4	2	50%	50%	SALT	2	1	50%	50%
HAIB	0	0			SCI	8	3	75%	75%
HMBDF	4	1	100%	100%	DCHT-MM	2	1	50%	50%
HOPE	2	1	50%	50%	Turkish Government	2	1	50%	50%
ICRC	0	0			TdH	4	2	0%	0%
IOM	37	19	100%	95%					

Table 8 | Performance by camp

Northern group	W5		Cumulative (2024)	
	# alerts	% verif.	# alerts	% verif.
Alerts Northern group				
Camp 1E	3	0%	9	0%
Camp 1W	0	0%	3	33%
Camp 2E	9	0%	55	24%
Camp 2W	3	67%	21	24%
Camp 3	3	0%	26	12%
Camp 4	0	0%	14	0%
Camp 4 Ext	3	33%	10	20%
Camp 5	1	0%	9	0%
Camp 6	1	0%	2	0%
Camp 7	4	0%	10	0%
Camp 8E	0	0%	5	20%
Camp 8W	3	0%	24	8%
Kutupalong RC	3	0%	7	0%

Map 5 | Number of alerts by camp

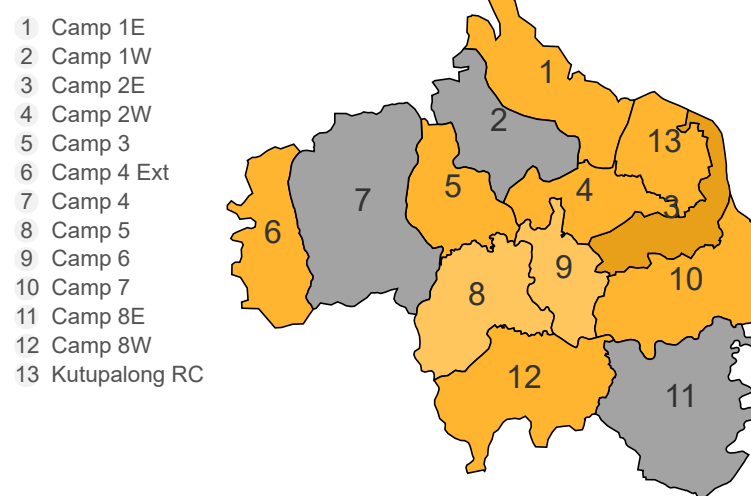


Table 9 | Performance by camp

Southern group	W5		Cumulative (2024)	
	# alerts	% verif.	# alerts	% verif.
Alerts Northern group				
Camp 10	2	0%	14	0%
Camp 11	0	0%	13	8%
Camp 12	2	0%	13	0%
Camp 13	1	0%	4	25%
Camp 14	5	0%	12	0%
Camp 15	7	0%	35	0%
Camp 16	1	0%	14	7%
Camp 17	1	0%	2	0%
Camp 18	4	0%	24	0%
Camp 19	0	0%	1	0%
Camp 20	1	0%	14	0%
Camp 20 Ext	0	0%	4	50%
Camp 9	3	0%	12	8%

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 20 Ext
- 12 Camp 20
- 13 Camp 9

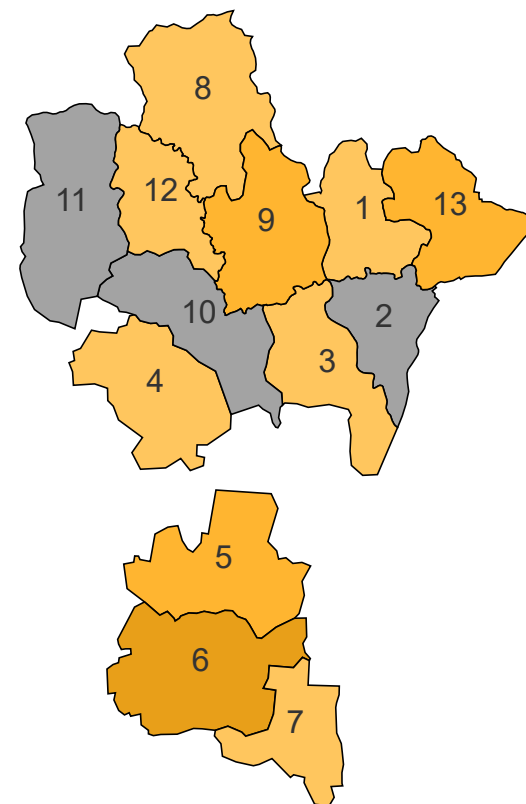


Table 10 | Performance by camp

Teknaf	W5		Cumulative (2024)	
	# alerts	% verif.	# alerts	% verif.
Alerts Northern group				
Camp 21 Chakmarkul	3	0%	17	0%
Camp 22 Unchiprang	1	0%	10	0%
Camp 23 Shamlapur	0	0%	0	0%
Camp 24 Leda	4	0%	39	8%
Camp 25 Ali Khali	0	0%	2	0%
Camp 26 Nayapara	0	0%	1	0%
Camp 27 Jadimura	0	0%	1	0%
Nayapara RC	3	0%	13	15%

Map 7 | Number of alerts by camp

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

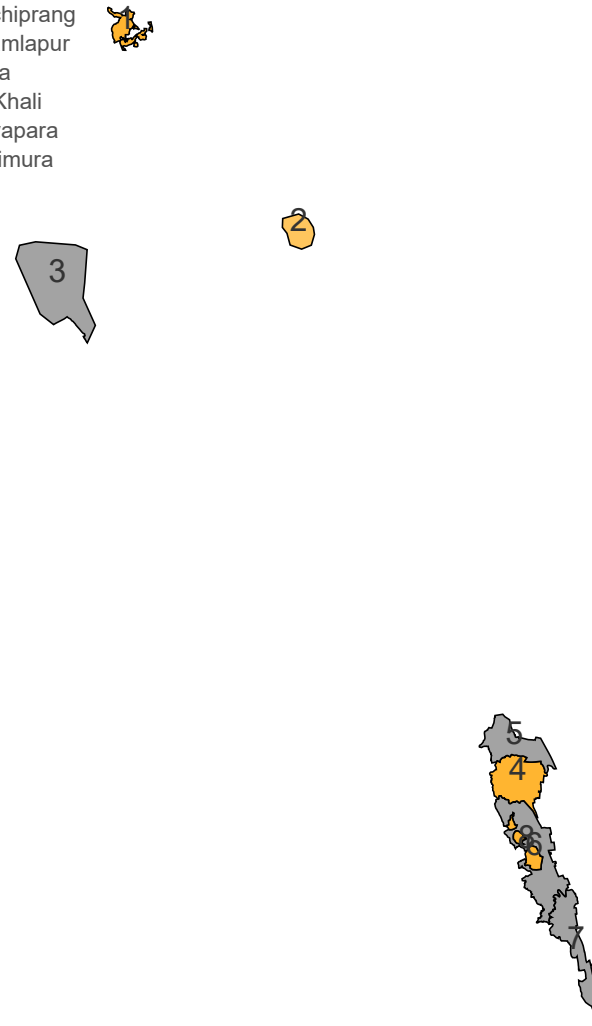


Table 11 | Performance by type of alert

Event	W5		Cumulative (2024)	
	# alerts	% verif.	# alerts	% verif.
Indicator-based surveillance				
Malaria	0	0%	0	0%
Measles	0	0%	3	0%
Bloody Diarr.	0	0%	0	0%
AFP	0	0%	0	0%
Meningitis	0	0%	2	0%
Haem. fever (susp.)	0	0%	3	0%
NNT	0	0%	0	0%
Unexp. fever	0	0%	2	0%
AWD	0	0%	2	0%
ARI	0	0%	8	0%
AJS	0	0%	0	0%
Varicella (Susp.)	0	0%	0	0%
Suspected COVID-19	0	0%	0	0%
Event-based surveillance				
EBS total	3	100%	29	86%

Table 12 | Risk assessment

W5	Cumulative (2024)	
0	0	Low risk
0	0	Moderate risk
0	0	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>



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Rohingya Emergency Response

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Annex W5 2024



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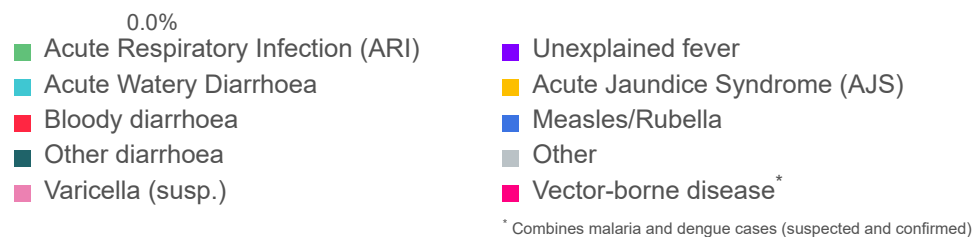
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Proportional morbidity

Figure 1 | Proportional morbidity (W5 2024)



Disease	W5		2024	
	# cases	% morbidity	# cases	% morbidity
AWD	2,008	2.4%	9,733	2.4%
Bloody diarr.	137	0.2%	796	0.2%
Other diarr.	459	0.6%	3,192	0.8%
Susp. Varicella	135	0.2%	427	0.1%
ARI	22,862	27.5%	95,739	23.8%
Measles/Rub.	7	0.0%	34	0.0%
AFP	2	0.0%	6	0.0%
Susp. menin.	5	0.0%	32	0.0%
AJS	5	0.0%	27	0.0%
Susp. HF	2	0.0%	22	0.0%
Neo. tetanus	0	0.0%	0	0.0%
Adult tetanus	1	0.0%	22	0.0%
Malaria (conf.)	10	0.0%	25	0.0%
Malaria (susp.)	33	0.0%	244	0.1%
Dengue (conf.)	67	0.1%	281	0.1%
Dengue (susp.)	82	0.1%	350	0.1%
Unexpl. fever	392	0.5%	1,733	0.4%
Sev. Malnut.	29	0.0%	163	0.0%
Inj./Wounds	2,241	2.7%	11,156	2.7%
Other	54,453	65.6%	280,621	69.9%
Total	82,608	100%	401,021	100%

Trend in consultations and key diseases

Figure 2 | Trend in proportional morbidity for key diseases (W5)

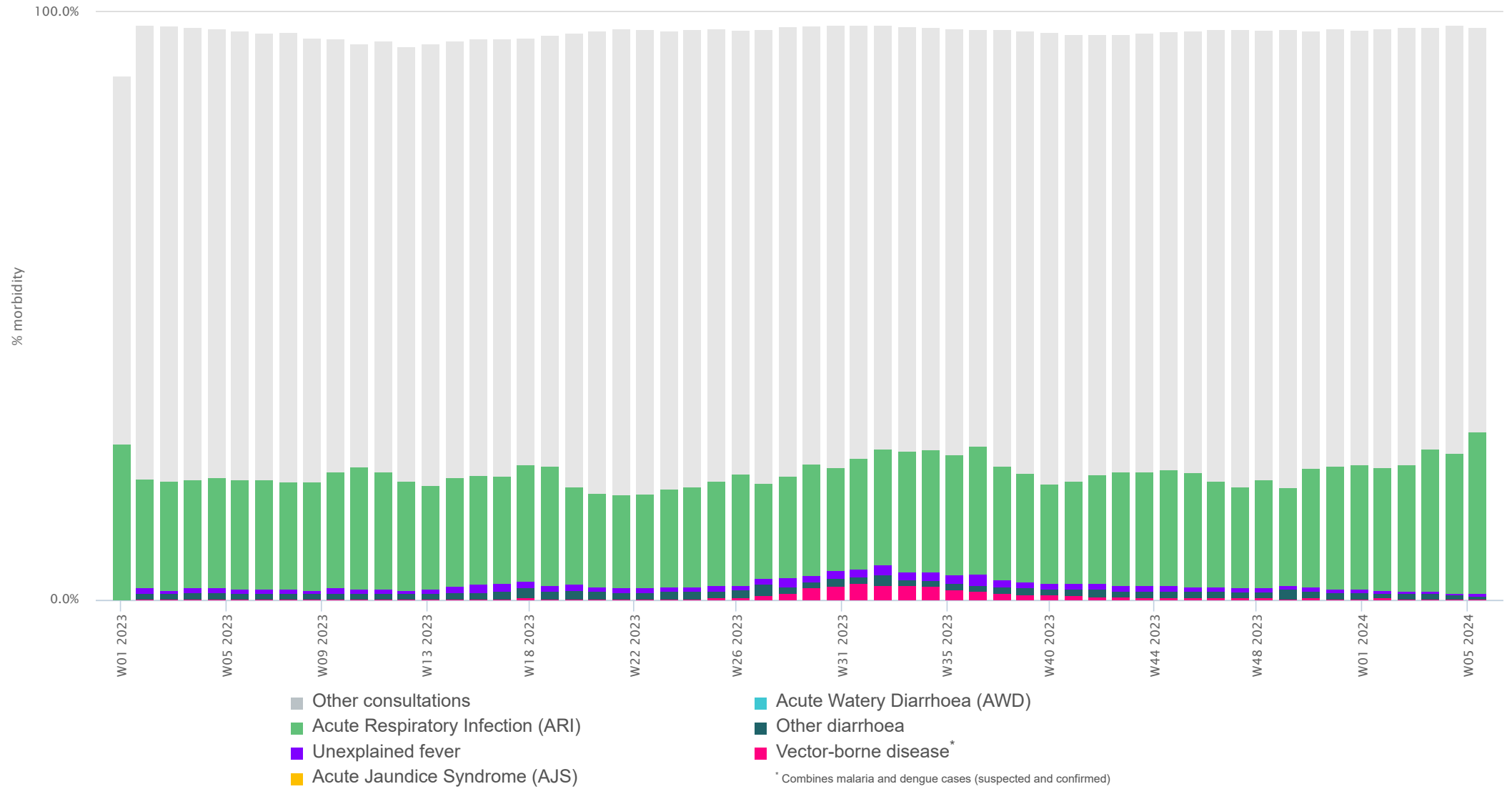
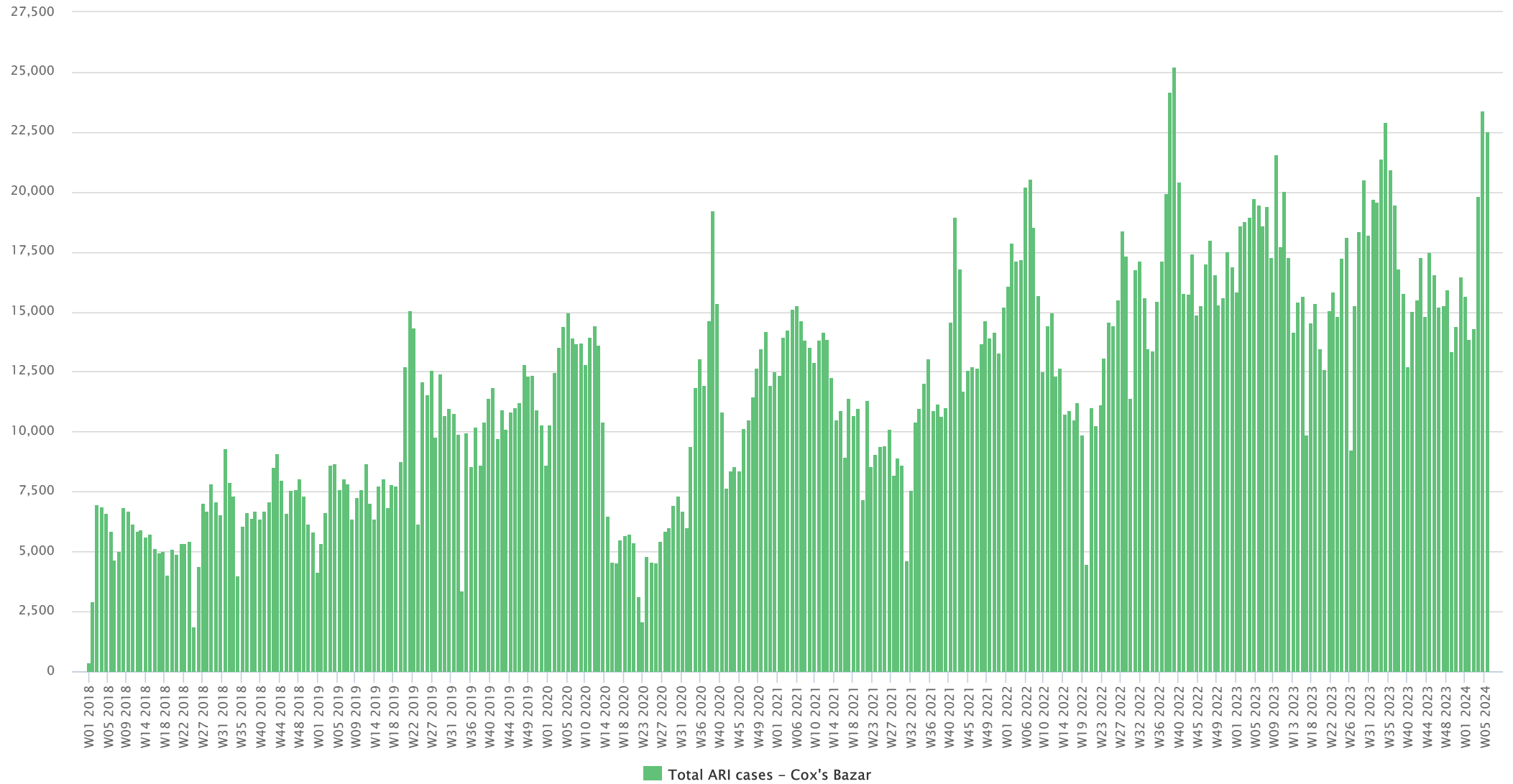
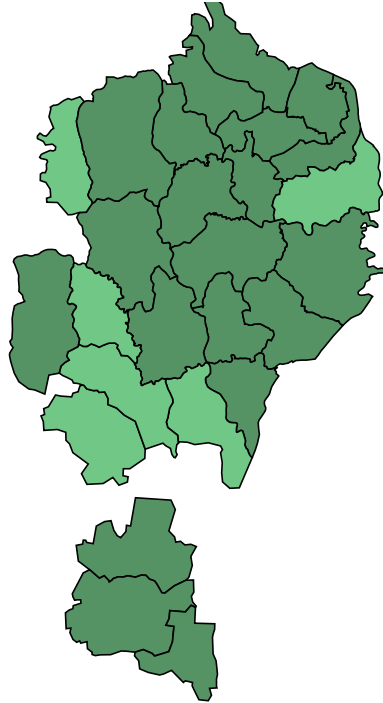


Figure 3 | Trend in number of cases over time (W38 2017 - W5 2024)

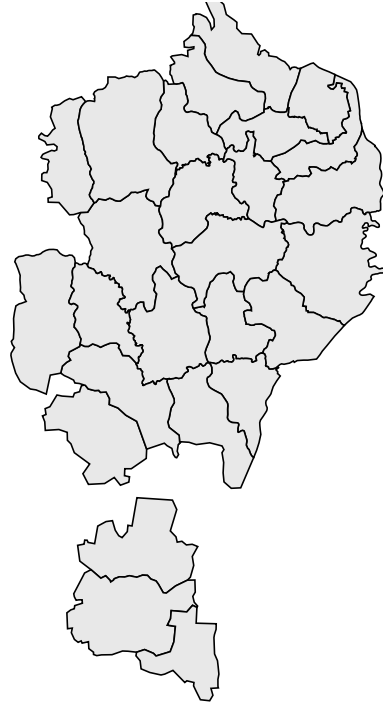


Map 1 | Map of cases by camp (W5 2024)

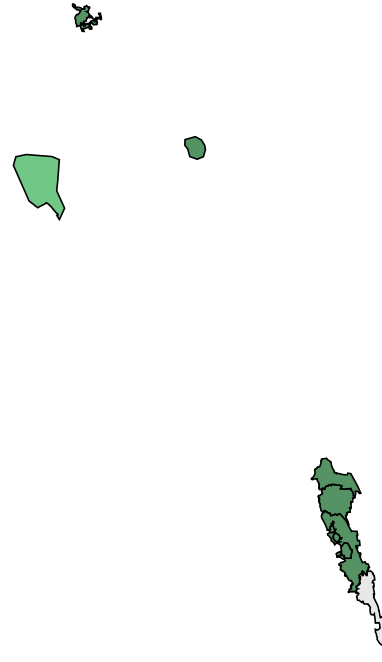
a. Ukhia | Number of cases



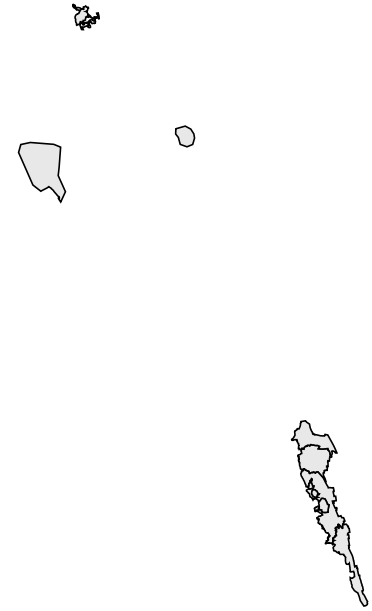
b. Ukhia | Number of alerts



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 (W5 2024)

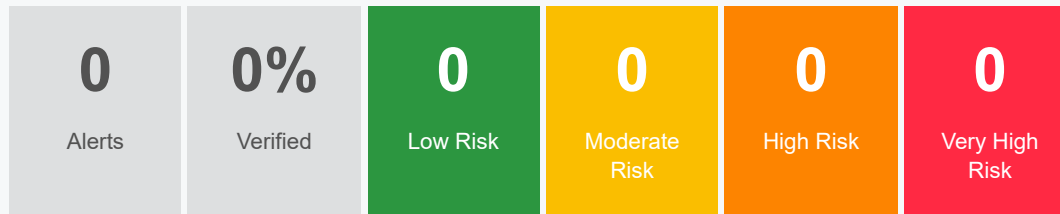


Figure | % sex

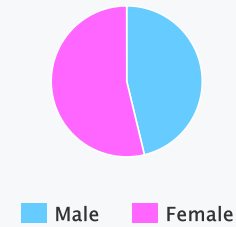


Figure | % age

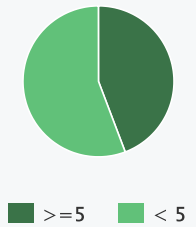
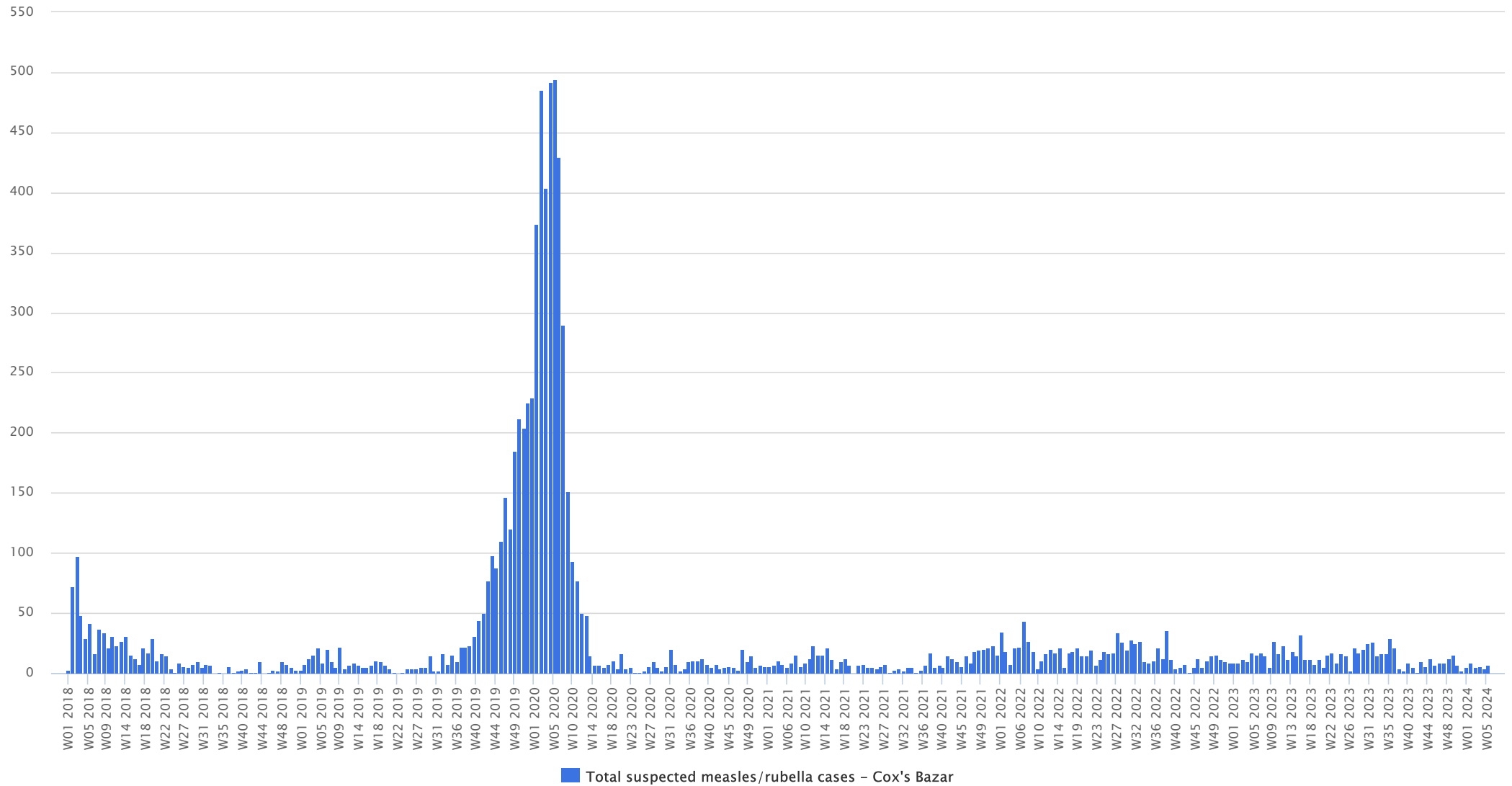
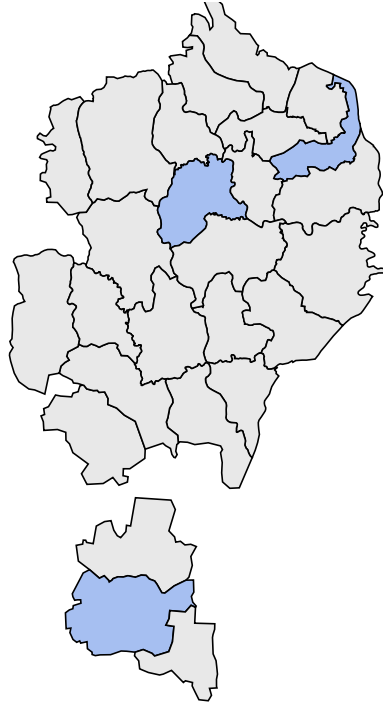


Figure 4 | Trend in number of suspected cases over time (W38 2017 - W5 2024)

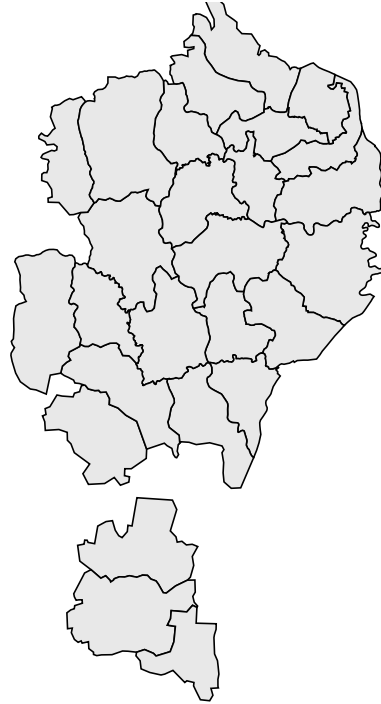


Map 2 | Map of cases by camp (W5 2024)

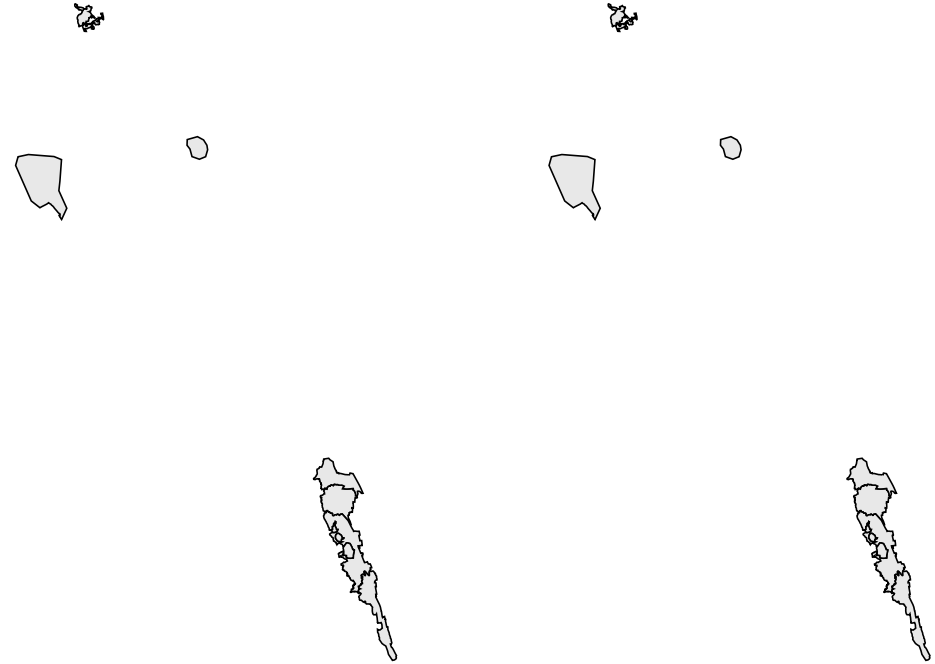
a. Ukhia | Number of cases



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 (W5 2024)

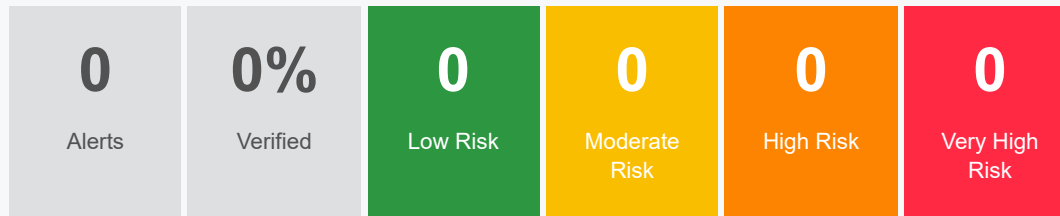


Figure | % sex

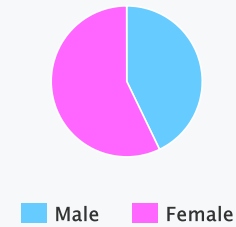


Figure | % age

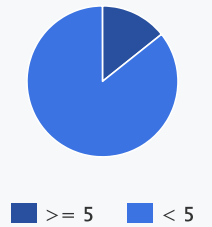
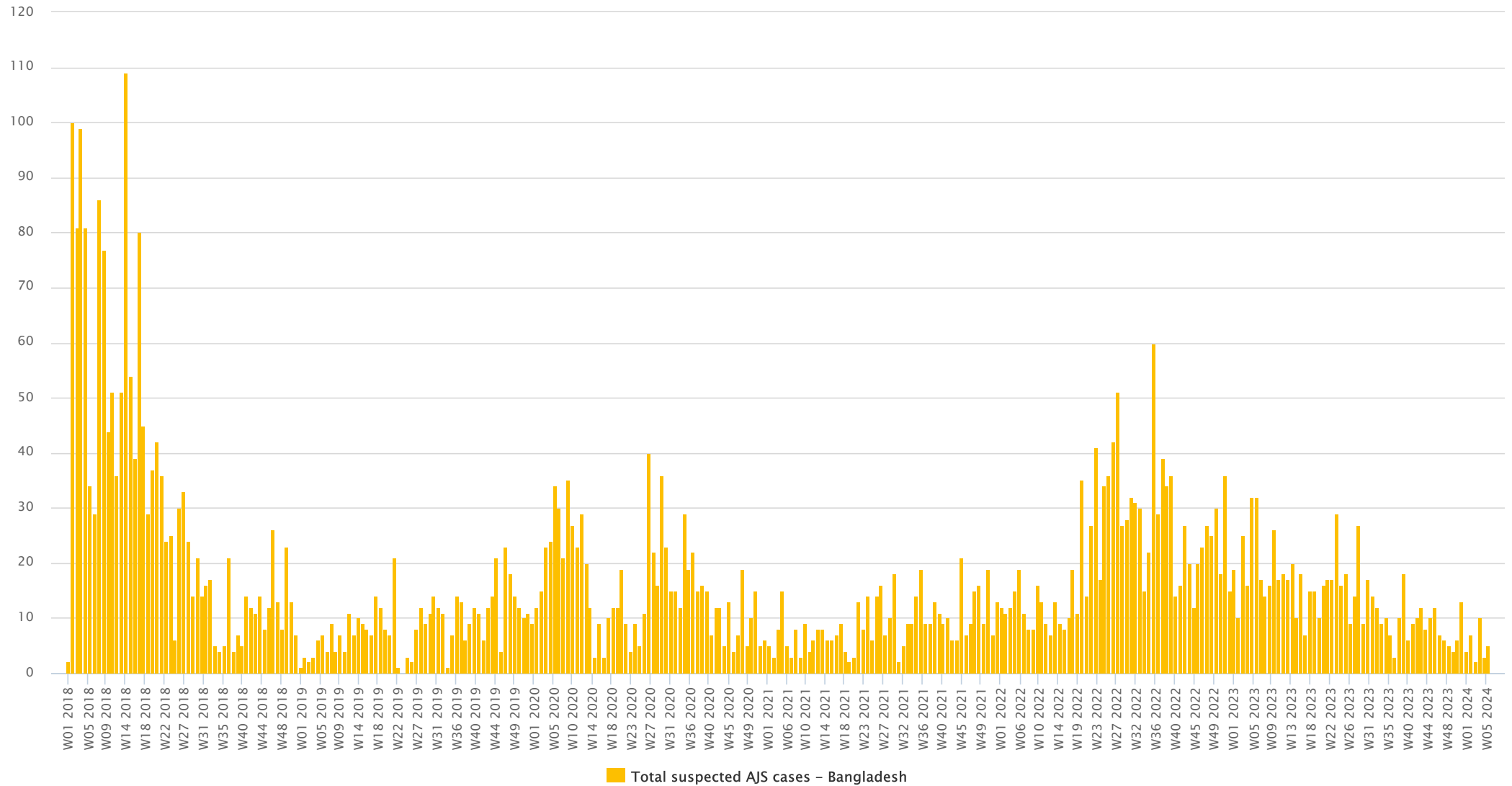
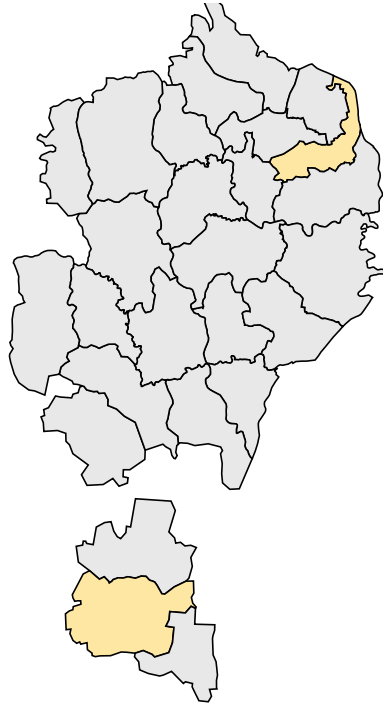


Figure 5 | Trend in number of cases over time (W38 2017 - W5 2024)

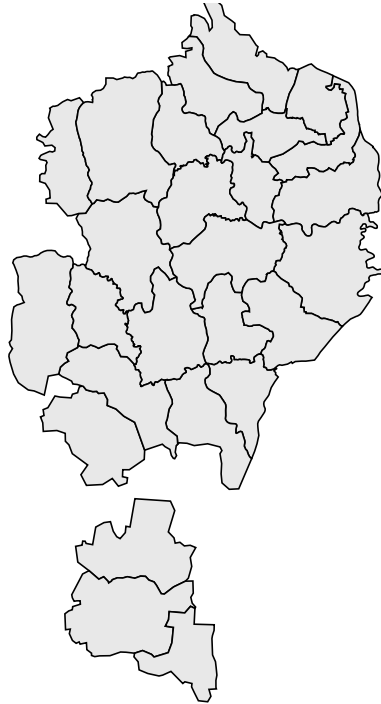


Map 3 | Map of cases by camp (W37 2017 - W5 2024)

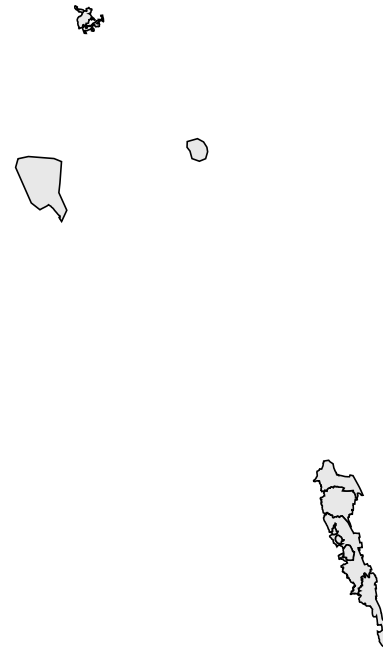
a. Ukhia | Number of cases



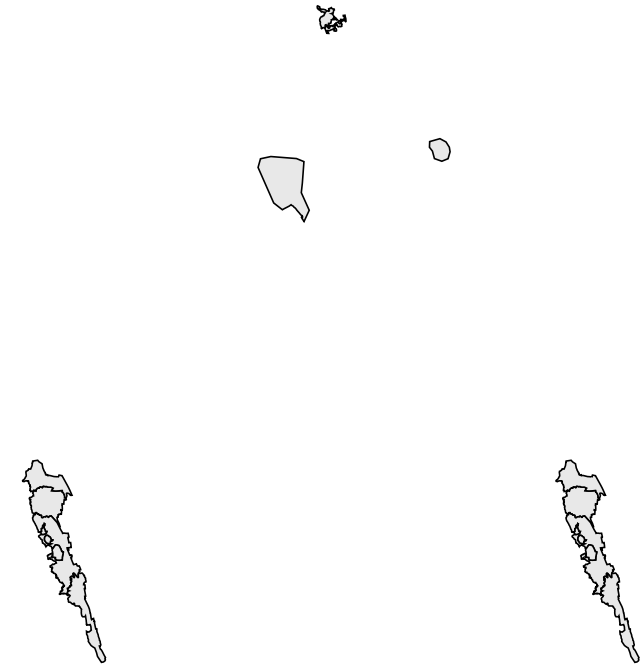
b. Ukhia | Number of alerts



c. Teknaf | Number of cases

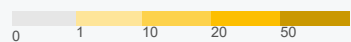


d. Teknaf | Number of alerts



Map legend

Number of cases



Number of alerts



Alert threshold

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

Alert management (W5 2024)

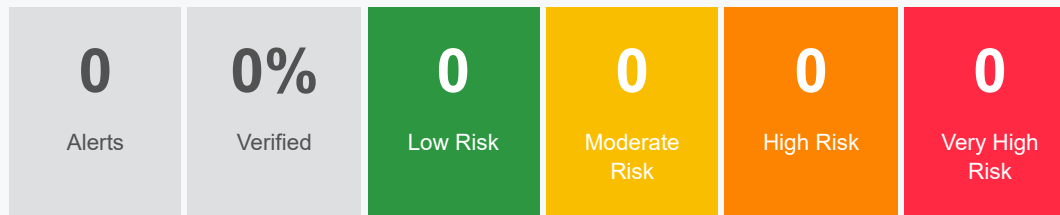
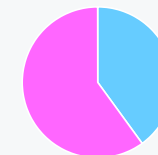
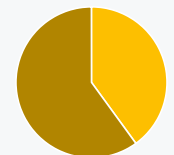


Figure | % sex



Male Female

Figure | % age



< 5 >= 5

Figure 6 | Trend in number of cases over time (W38 2017 - W5 2024)

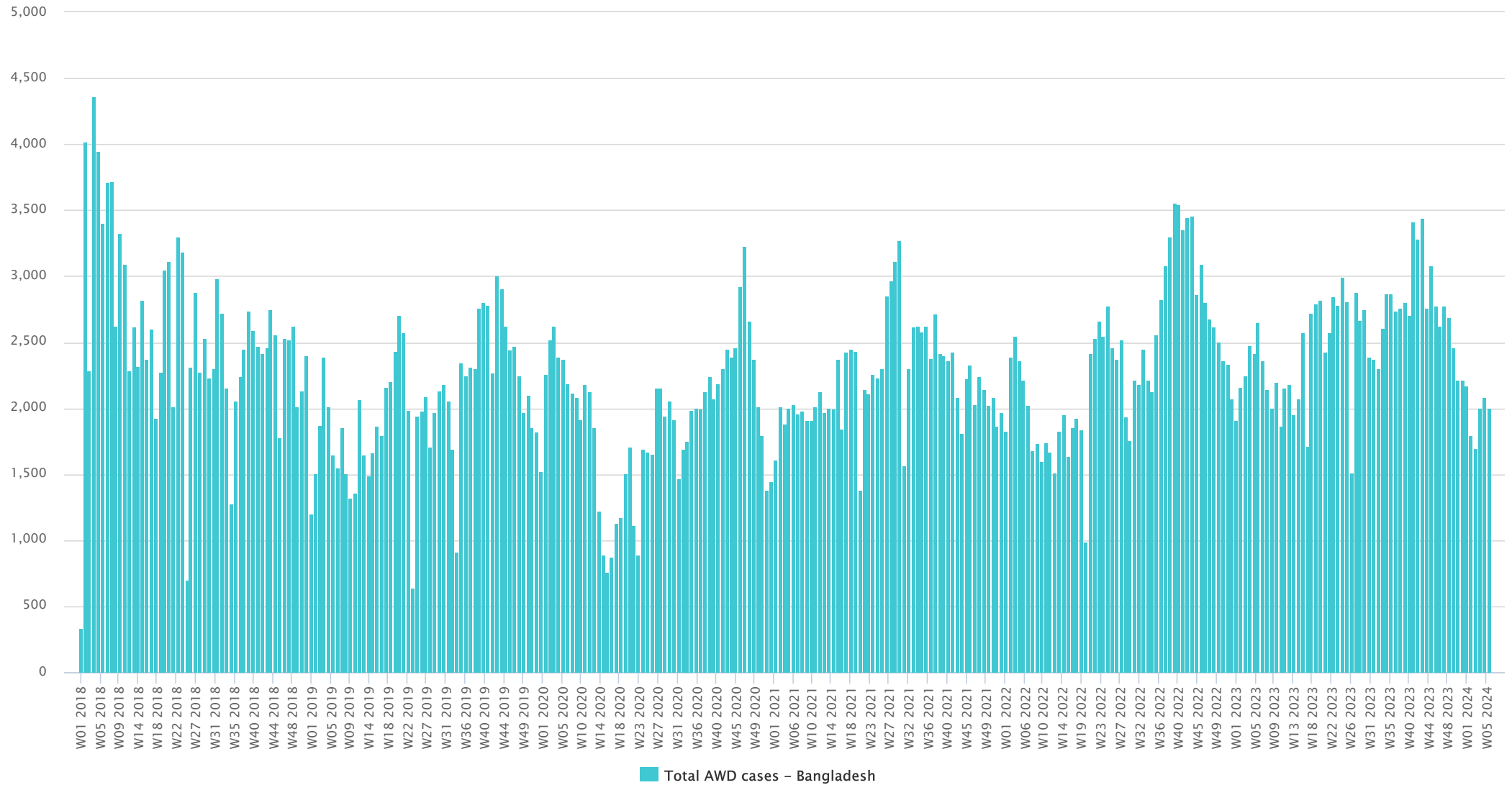
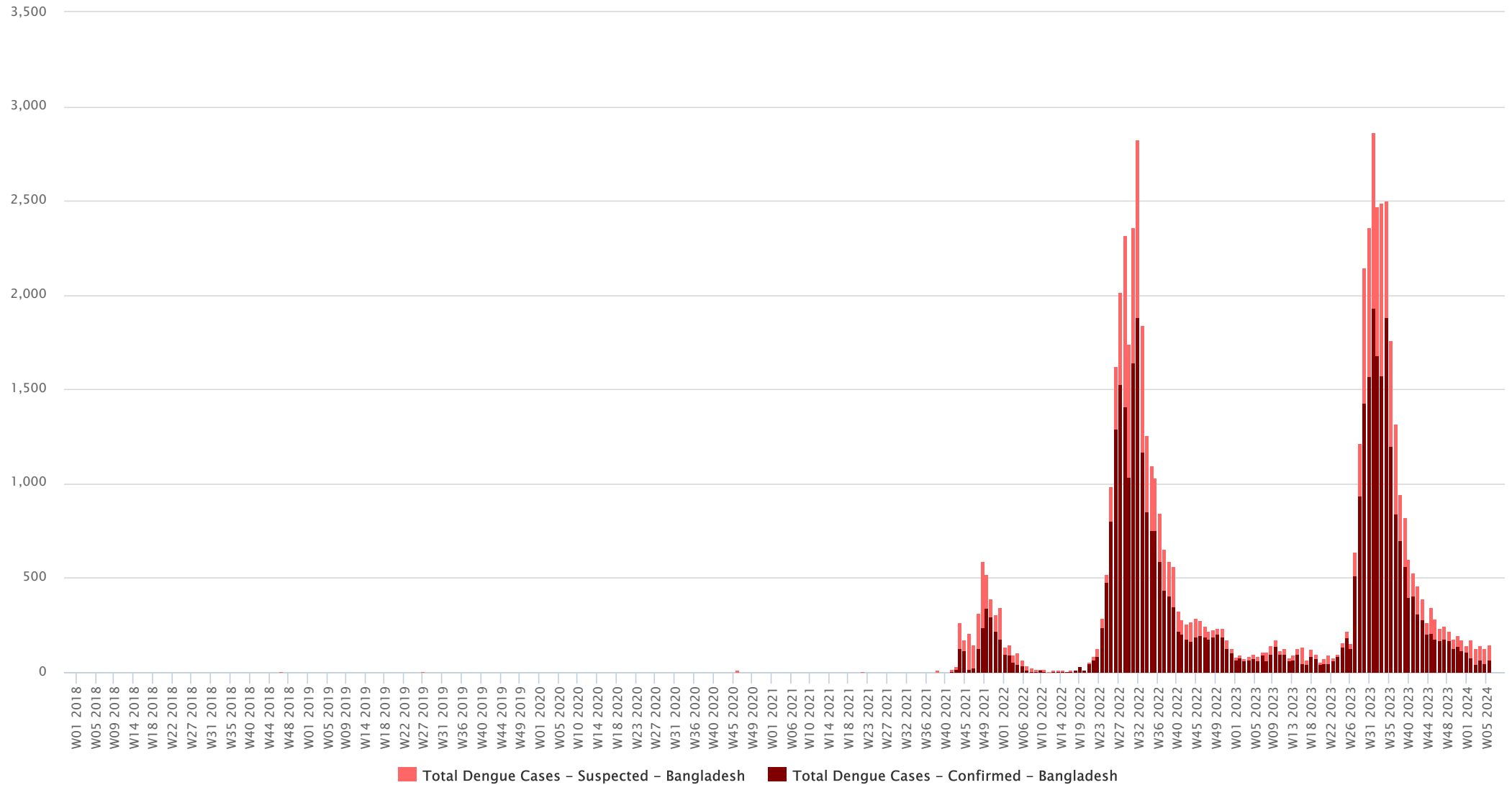
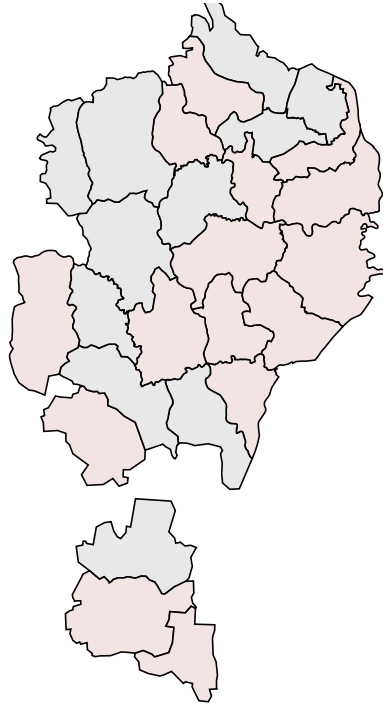


Figure 7 | Trend in number of cases over time (W38 2017 - W5 2024)

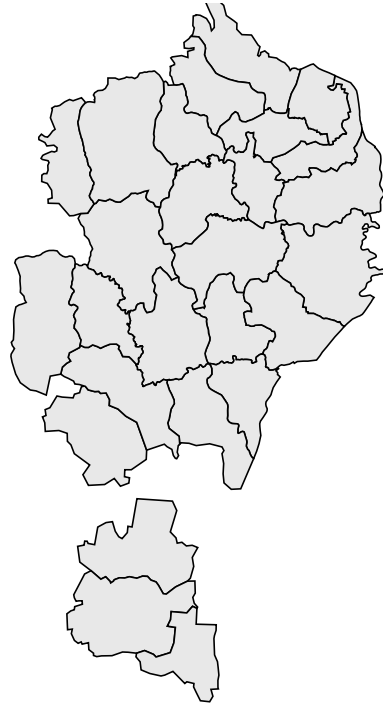


Map 4 | Map of cases by camp (W37 2017 - W5 2024)

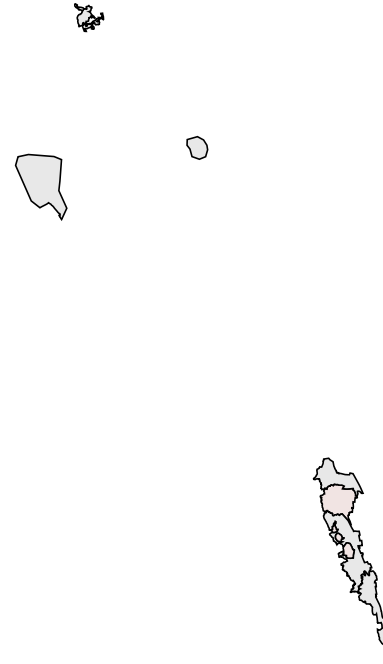
a. Ukhia | Number of cases



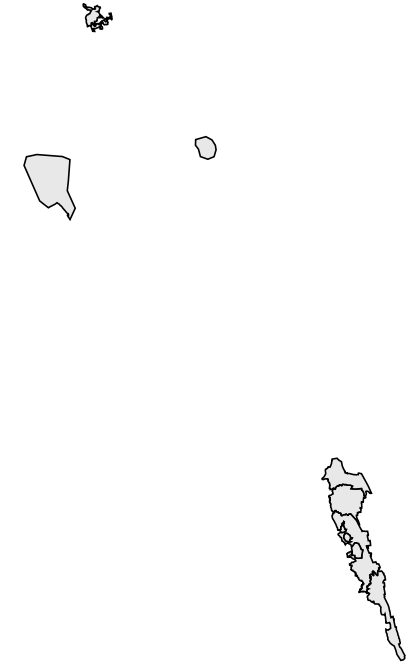
b. Ukhia | Number of alerts



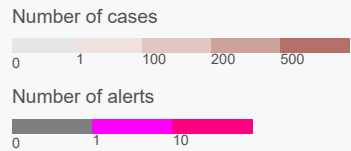
c. Teknaf | Number of cases



d. Teknaf | Number of alerts



Map legend



Alert threshold

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

Alert management (W5 2024)

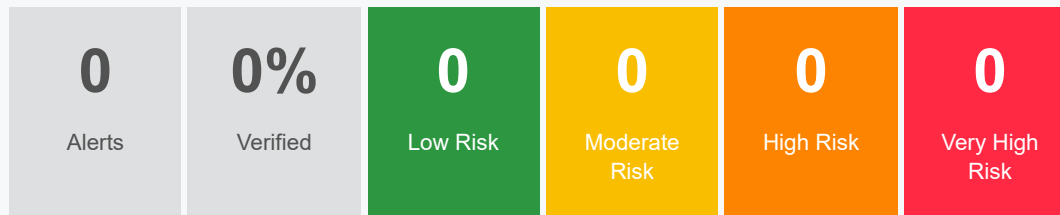


Figure | % sex

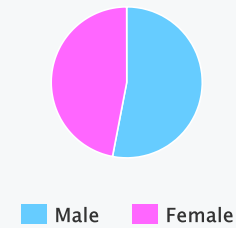


Figure | % age

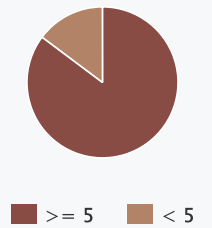
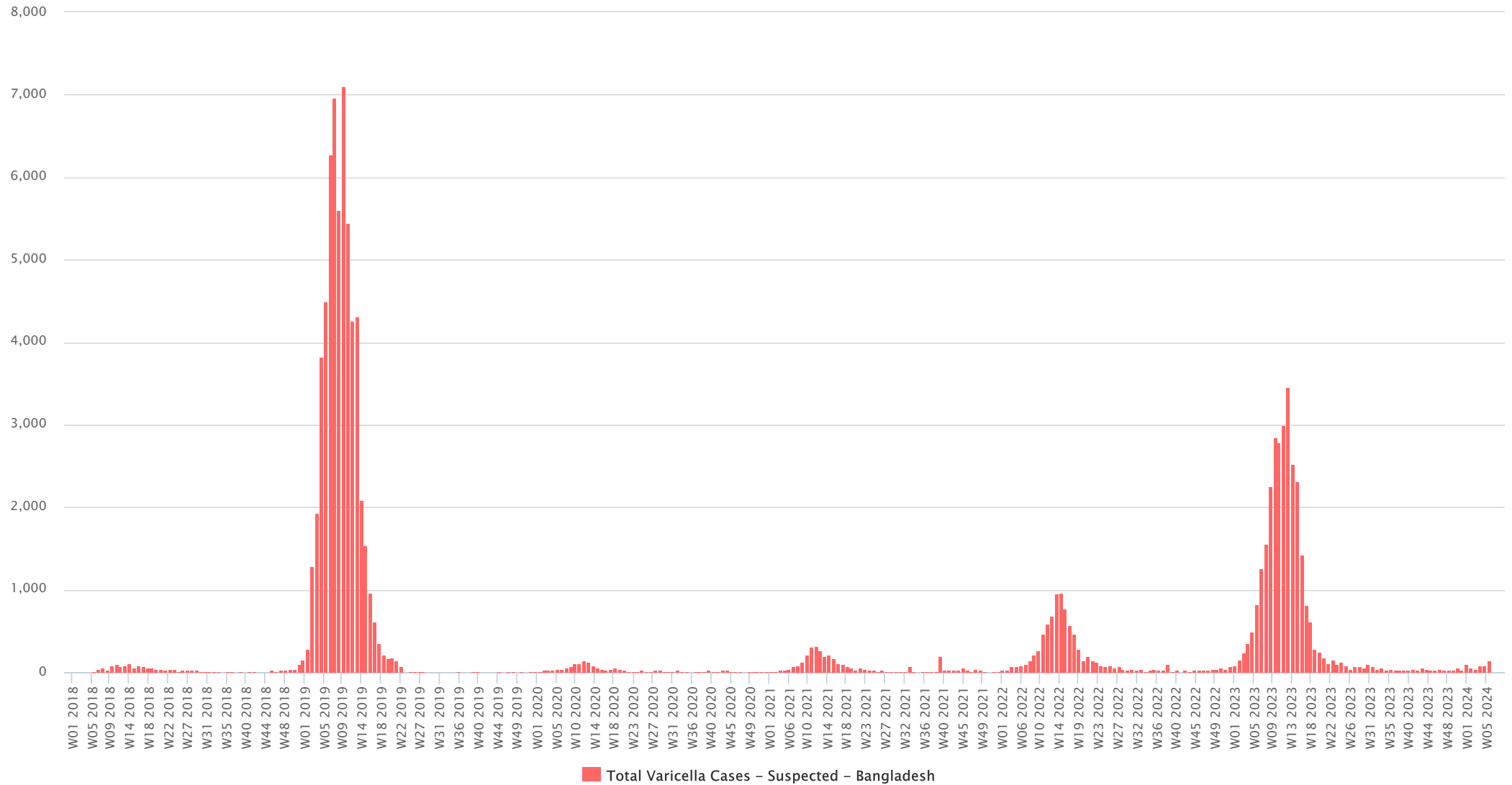
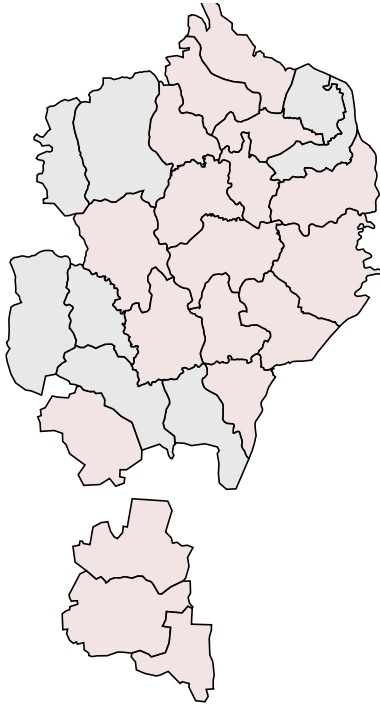


Figure 7 | Trend in number of cases over time (W38 2017 - W5 2024)

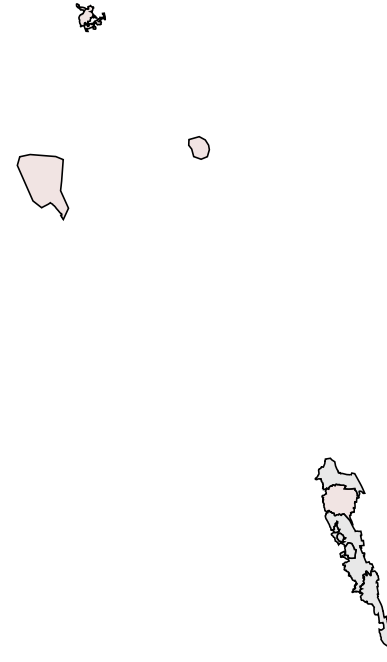


Map 4 | Map of cases by camp (W37 2017 - W5 2024)

a. Ukhia | Number of cases



c. Teknaf | Number of cases



Map legend

Number of cases

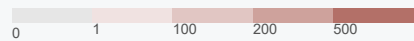
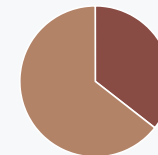


Figure | % sex



Male Female

Figure | % age



>= 5 < 5

For more help and support, please contact:

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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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